



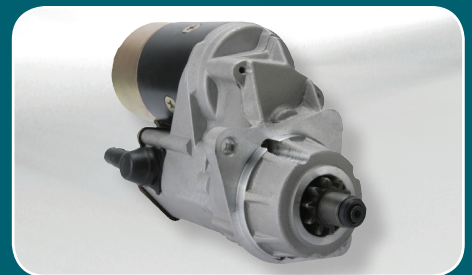
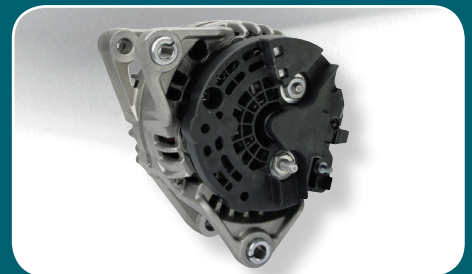
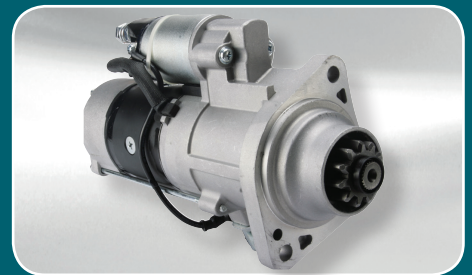
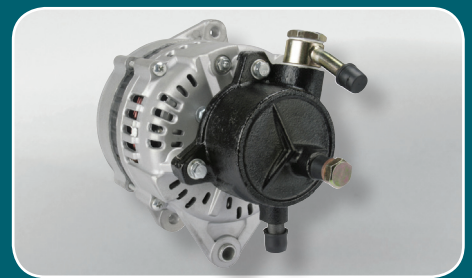
HC  
**CAR GO**

## ALTERNATORS & STARTERS

DC-MOTORS & DYNASTARTERS



2015/2016



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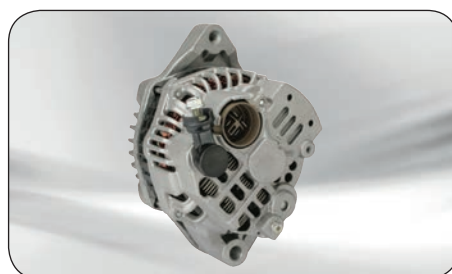






# ALTERNATORS & STARTERS

## DC-MOTORS & DYNASTARTERS



Edition 2015/2016





## Our Starters and Alternators - Your first choice

Updated catalogue:

- Our program is continuously extended with new part numbers - incl. start/stop units
- Units for passenger cars, light & heavy commercial vehicles, industrial, agricultural, marine, sport and outdoor equipment applications

This brings the HC-CARGO program to a leading position concerning market coverage.

The catalogue also includes a complete cross reference list.

All units are sold outright. The program predominantly consists of new units. In exceptional cases units might be remanufactured.

Remanufactured units will not be sold to countries where import of reman units is prohibited.



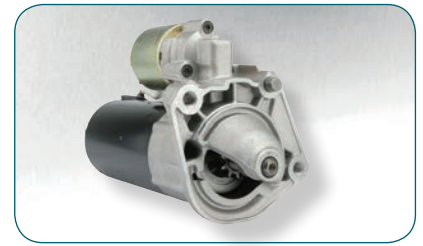
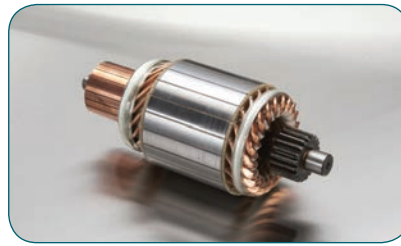
The "5★" icon will help you in making your product choice. If the icon appears, the part is in OE quality, the best possible quality on the market. If no icon appears, the part is in the aftermarket quality you know from HC-CARGO - tested at our own testfacilities before launch.

HC-CARGO 5\* program contains what in the automotive aftermarket is known as original spare part. The suppliers of these parts are OE manufacturers.



Beside our web-catalogue at [www.hc-cargo.com](http://www.hc-cargo.com) the alternator and starter program is furthermore available online on TecDoc in which new applications are continuously added as well as latest and updated technical information.





## High Quality Spare Parts for Starters and Alternators - All You Need

In our catalogues for starters and alternators you will find our comprehensive range of spare parts, covering a large portion of all vehicles in the European market. Here you will find what you need in bearings, pulleys, rotors, stators, regulators, rectifiers, brush sets, drive clutches, solenoids, armatures etc.

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

With the HC-CARGO program you have an one-stop-supplier opportunity regarding parts for units.

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

As we continuously are developing and extending our program you get the up-to-date and complete program by using our web-catalogue at [www.hc-cargo.com](http://www.hc-cargo.com)



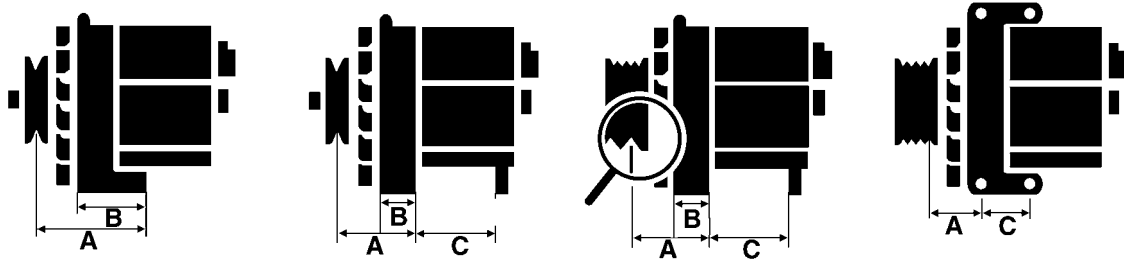
For full program overview  
and online-shop visit  
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A: Pulley distance, B: Width of holder arm, C: Mounting bracket distance

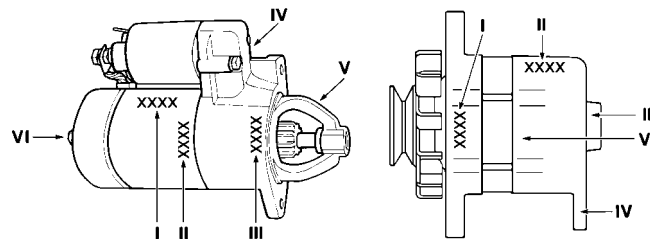
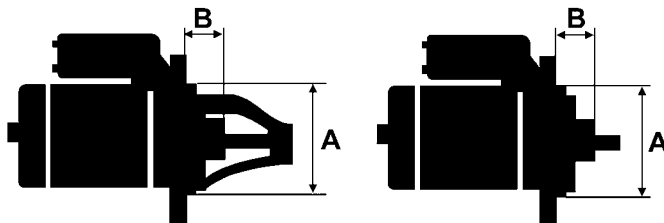


Remarks: Serpentine pulley



Threaded fixing holes

A: Mounting flange, B: Drive distance



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

## ALTERNATORS & STARTERS

O.E.M. names and numbers are used for reference purposes only.

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

### ABBREVIATIONS:

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

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

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

Care is taken to ensure the accuracy of descriptions and applications of each item, but assumes no responsibility for possible errors.  
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ISO 9001  
BUREAU VERITAS  
Certification

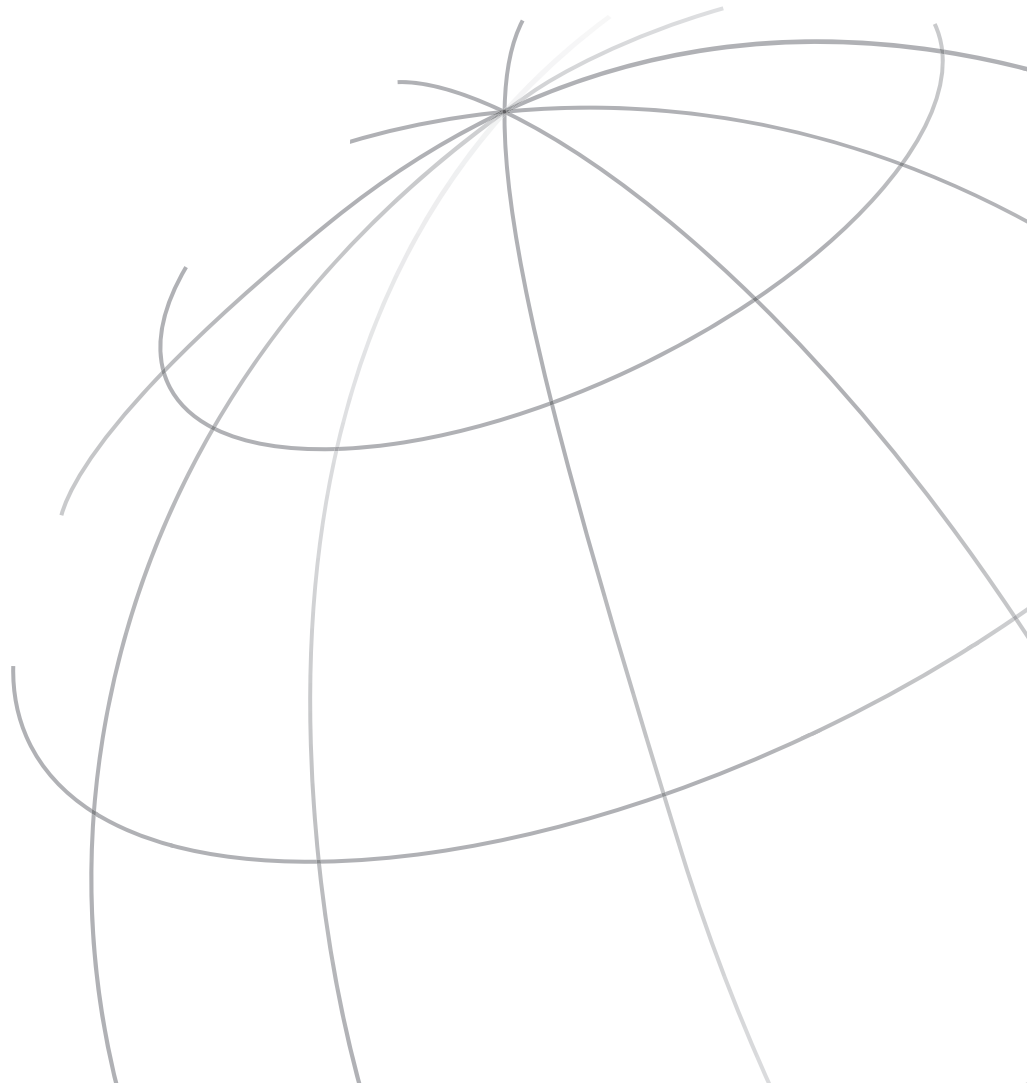






# Alternators

Edition 2015/2016





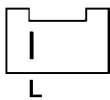
**110043#** Alternator 28 V, 45 Amp

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

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

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

B: 80.00 mm

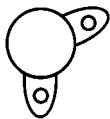


**110048** Alternator 14 V, 35 Amp

Replacing: 0120400618

Servicing: Farymann, Renault, Volvo Penta  
B+ M6, Pulley w/o, Fan EF, Insulated return

B: 51.00 mm



**110077** Alternator 14 V, 50 Amp

Replacing: 0120339525, 0120339524, 0120300531, 0120300530

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

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

A: 78.50 B: 56.00 mm



**110105** Alternator 14 V, 55 Amp

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

Servicing: John Deere

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

A: 83.30 B: 56.00 mm



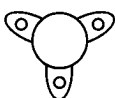
**110112** Alternator 28 V, 40 Amp

Replacing: 9129080088, 9120080114, 9120080088, 0120489643

Servicing: Volvo, Volvo Penta

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

B: 51.00 mm



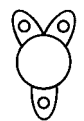
**110113** Alternator 28 V, 27 Amp

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

Servicing: Mercedes-Benz

B+ M6, Pulley w/o, Fan EF

B: 80.00 mm



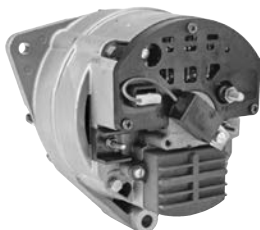
**110116** Alternator 28 V, 35 Amp

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

Servicing: DAF, Ford, MAN

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

B: 80.00 mm



**110117** Alternator 28 V, 35 Amp

Replacing: 0120489731

Servicing: Iveco, Magirus-Deutz, Steyr, Various Agriculture Vehicles

B+ M6, Pulley w/o, Fan EF

B: 56.00 mm



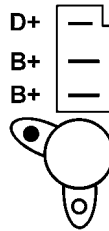
**110127** Alternator 14 V, 70 Amp

Replacing: 0120489779, 0120400778

Servicing: Farymann, Volvo Penta

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

A: 79.00 B: 51.00 mm



**110178** Alternator 14 V, 36 Amp

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

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

B+ 9.40, Pulley w/o, Fan EF

B: 10.00 C: 87.00 mm



**110318** Alternator 14 V, 50 Amp

Replacing: 9120690078

Servicing: Dodge, Mazda, Mitsubishi, Plymouth

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

A: 45.00 B: 14.00 C: 55.00 mm



**110348** Alternator 14 V, 55 Amp

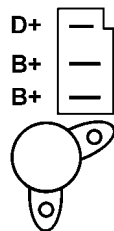
Replacing: 9120331882, 0120488280

Servicing: Lada

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

A: 45.00 B: 19.60 C: 63.00 mm



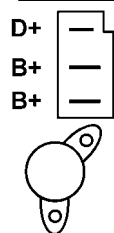

**110358** Alternator 14 V, 55 Amp

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

Servicing: Mercedes-Benz, Seat

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

A: 77.50 B: 56.00 mm


**110360** Alternator 14 V, 45 Amp

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

Servicing: Audi, Deutz-Fahr, VW

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

B: 56.00 mm


**110371** Alternator 14 V, 65 Amp

Replacing: 9127041242, 9127041241, 9127041233

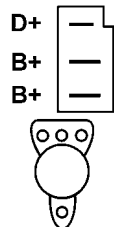
Servicing: Carrier Transicold, Kubota

B+ M8, Terminal W, Grooves 1,

Pulley P, Fan EF

With mounting kit.

B: 27.00 mm


**110497** Alternator 14 V, 70 Amp

Replacing: 9120690170

Servicing: Austin-Healey, Various Agriculture Vehicles

B+ 9.40, Terminal W, Grooves 1,

Pulley P, Fan EF

With mounting bearing bracket for left and right engine side.

A: 42.50 B: 10.50 C: 84.00 mm


**110612<sup>#</sup>** Alternator 14 V, 43 Amp

Replacing: 0120489739, 0120489738, 0120489127

Servicing: Bertone, Fiat, Lancia, Zastava

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

A: 52.45 B: 23.15 C: 73.00 mm


**110618<sup>#</sup>** Alternator 14 V, 50 Amp

Replacing: 0120335006

Servicing: Citroen, Peugeot

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

A: 95.00 B: 56.00 mm


**110619** Alternator 14 V, 70 Amp

Replacing: 0120335007

Servicing: Citroen, Peugeot

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

A: 95.00 B: 56.10 mm


**110641** Alternator 14 V, 33 Amp

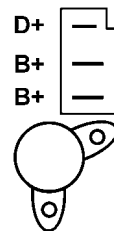
Replacing: 0120339552, 0120339531, 0120339514, 0120300514

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

B+ M6, Terminal W, Grooves 1,

Pulley P, Fan EF

A: 76.30 B: 56.00 mm

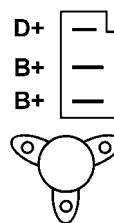

**110730<sup>#</sup>** Alternator 14 V, 35 Amp

Replacing: 0120489623, 0120489548, 0120489547, 0120400857, 0120400856

Servicing: Mercedes-Benz

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

A: 76.50 B: 56.00 mm


**110735<sup>#</sup>** Alternator 14 V, 55 Amp

Replacing: 0120400723, 0120400722

Servicing: Lamborghini, Mercedes-Benz

B+ 9.40, Grooves 2, Pulley DP, Fan EF

Regulator: HC-CARGO 130675.

A: 77.00 B: 56.00 mm


**110743** Alternator 14 V, 30 Amp

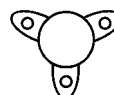
Replacing: 9120331301

Servicing: Citroen

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

Regulator: HC-CARGO 130679.

A: 61.00 B: 40.00 mm


**110751** Alternator 14 V, 35 Amp

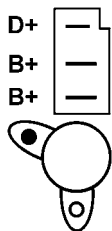
Replacing: 9120080183, 9120080148, 0120489724, 0120489723

Servicing: Mercedes-Benz

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

Fan w/o

B: 80.00 mm



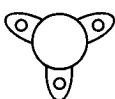
**110759** Alternator 14 V, 35 Amp

Replacing: 0120489940, 0120489894, 0120489804, 0120489803, 0120489616, 0120489562, 0120489561, 0120489536  
 Servicing: Austin, Ford, Mercury  
 B+ 9.40, Grooves 1, Pulley P, Fan EF  
 A: 36.15 B: 10.50 C: 79.00 mm



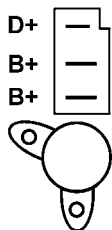
**110761** Alternator 28 V, 35 Amp

Replacing: 0120489944, 0120488271  
 Servicing: Deutz-Fahr, MAN  
 B+ M6, Terminal W, Pulley w/o, Fan w/o  
 Fan: HC-CARGO 133875.  
 B: 80.00 mm



**110766** Alternator 28 V, 27 Amp

Replacing: 0120489730, 0120489707, 0120489023, 0120488224, 0120400805, 0120400791, 0120400790, 0120400760  
 Servicing: Atlas Copco, Case, Deutz-Fahr, Iveco, KHD, Liebherr, Magirus-Deutz, Mercedes-Benz, Steyr  
 B+ M6, Terminal W, Pulley w/o, Fan EF  
 B: 56.00 mm



**110767** Alternator 14 V, 45 Amp

Replacing: 0120489967, 0120489966  
 Servicing: Audi, VW  
 B+ 9.40, Terminal W, Grooves 1, Pulley P, Fan EF  
 A: 109.00 B: 56.00 mm



**110801** Alternator 28 V, 45 Amp

Replacing: 0122469003, 0122469001  
 Servicing: Atlas Copco, Case, Caterpillar, Cummins, Fiat-Allis, International  
 B+ 1/4" UNF, Terminal W, Pulley w/o, Fan EF  
 B: 14.80 C: 100.00 mm



**110877** Alternator 14 V, 65 Amp

Replacing: 0120489648, 0120489647, 0120489646, 0120489645, 0120489644, 0120489619, 0120489618, 0120489608  
 Servicing: BMW  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 74.45 B: 51.00 mm



**110880<sup>#</sup>** Alternator 14 V, 45 Amp

Replacing: 0120489912, 0120489911, 0120489798, 0120489797, 0120489720, 0120489719, 0120489043  
 Servicing: Alfa Romeo  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 77.00 B: 56.00 mm



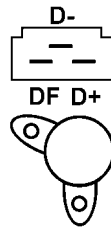
**110881** Alternator 14 V, 55 Amp

Replacing: 0120489309, 0120489296, 0120489286, 0120489183, 0120489070, 0120489069, 0120488258, 0120488257  
 Servicing: Deutz-Fahr, Fendt, Kramer, Marshall, Volvo  
 B+ M6, Terminal W, Grooves 2, Pulley DP, Fan EF  
 A: 88.00 B: 56.00 mm



**110882** Alternator 14 V, 45 Amp

Replacing: 0120489765, 0120489762, 0120489761, 0120489145, 0120489106  
 Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Same  
 B+ M6, Grooves 1, Pulley P, Fan w/o  
 A: 47.00 B: 16.25 C: 63.00 mm



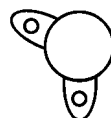
**110887** Alternator 14 V, 45 Amp

Replacing: 0120400848, 0120400847, 0120400787, 0120400786, 0120400768, 0120400767  
 Servicing: Alfa Romeo, Renault  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 Regulator: HC-CARGO 130675.  
 A: 51.20 B: 27.00 mm



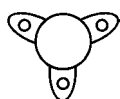
**110890** Alternator 14 V, 55 Amp

Replacing: 9120331881, 0120489838, 0120489770, 0120489763, 0120489151, 0120489147, 0120489146, 0120489134  
 Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Same  
 B+ M6, Grooves 1, Pulley P, Fan w/o  
 A: 49.00 B: 17.00 C: 63.00 mm



**110891** Alternator 14 V, 70 Amp

Replacing: 0120489984, 0120489408, 0120489347, 0120489346, 0120488286, 0120488228, 0120488211  
 Servicing: Ford, Land Rover, MG  
 B+ M6, Terminal W, Pulley w/o, Fan w/o  
 As HC-CARGO 114788, but without pulley  
 B: 11.30 C: 83.00 mm


**110895** Alternator 28 V, 55 Amp

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

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

B+ M8, Terminal W, Pulley w/o, Fan EF  
B: 80.00 mm


**110899** Alternator 14 V, 33 Amp

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

Servicing: Agrifull, DAF, Fiat, Volvo

B+ Plug, Grooves 1, Pulley P, Fan EF  
Regulator: HC-CARGO 130675.

A: 48.45 B: 24.00 C: 74.00 mm


**110902** Alternator 14 V, 45 Amp

Replacing: B120402702, 0120489377, 0120489376, 0120489372

Servicing: VW

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

A: 99.00 B: 56.00 mm


**110906** Alternator 28 V, 30 Amp

Replacing: 0120489316

Servicing: Mercedes-Benz

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

B: 80.00 mm


**110911** Alternator 14 V, 55 Amp

Replacing: 0120489760, 0120489759, 0120489735, 0120489659, 0120489657, 0120489654, 0120489653

Servicing: Audi, Peugeot, Saab, VW

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

A: 77.64 B: 56.00 mm

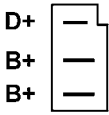

**110912** Alternator 14 V, 55 Amp

Replacing: 9120144239, 9120144238, 9120144202, 9120144201, 0120489753, 0120489752, 0120489743, 0120489742

Servicing: Alfa Romeo, Ferrari, Fiat, Fiat-Allis, Lancia, Seat

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

A: 44.50 B: 16.40 C: 66.00 mm

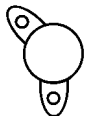

**110913** Alternator 14 V, 70 Amp

Replacing: 0120489981, 0120489980, 0120489873, 0120489872, 0120489871, 0120489870, 0120489868, 0120489774

Servicing: Audi, VW

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

B: 56.00 mm


**110914**<sup>#</sup> Alternator 14 V, 45 Amp

Replacing: 0120489122, 0120489120

Servicing: Opel, Vauxhall

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

A: 86.00 B: 56.00 mm

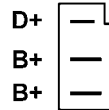

**110916**<sup>#</sup> Alternator 14 V, 40 Amp

Replacing: 9120144243, 9120144242

Servicing: Citroen, Peugeot, Talbot

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

A: 59.00 B: 40.00 mm

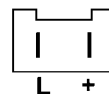

**110919** Alternator 14 V, 70 Amp

Replacing: 0120489249, 0120489248, 0120489196, 0120489195, 0120469501

Servicing: Audi, VW

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

A: 110.00 B: 56.00 mm

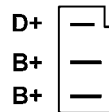

**110920**<sup>#</sup> Alternator 14 V, 50 Amp

Replacing: 9120144260, 9120144259

Servicing: Renault

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

A: 101.00 B: 56.00 mm

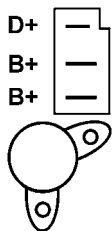

**110923** Alternator 14 V, 55 Amp

Replacing: 0120489355, 0120489354, 0120489333, 0120489332, 0120489331, 0120489324, 0120489323, 0120489302

Servicing: Mercedes-Benz

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

A: 92.00 B: 56.00 mm

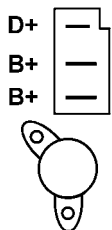


**110971#** Alternator 14 V, 65 Amp

Replacing: 0120489708  
Servicing: Opel, Various Agriculture Vehicles, Vauxhall

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

A: 85.00 B: 56.00 mm



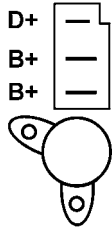
**110972** Alternator 14 V, 65 Amp

Replacing: 0120489124, 0120489123, 0120489121

Servicing: Opel, Various Agriculture Vehicles, Vauxhall

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

A: 87.90 B: 56.00 mm



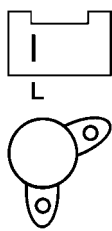
**110975** Alternator 14 V, 65 Amp

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

Servicing: Audi, Various Agriculture Vehicles, VW

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

A: 82.85 B: 56.25 mm



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

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

Servicing: Citroen, Peugeot

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

A: 71.85 B: 36.00 C: 56.45 mm



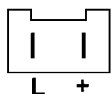
**111035** Alternator 14 V, 65 Amp

Replacing: 0120489188, 0120489187, 0120489186, 0120489126

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

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

A: 51.25 B: 22.00 C: 73.00 mm



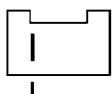
**111072** Alternator 14 V, 50 Amp

Replacing: 9120144284, 9120144283

Servicing: Renault, VW

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

A: 49.40 B: 27.00 C: 66.00 mm



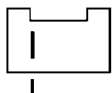
**111075** Alternator 14 V, 55 Amp

Replacing: 0120489194, 0120489193

Servicing: Citroen, Peugeot, Talbot, Vauxhall

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

A: 59.50 B: 40.00 mm



**111076** Alternator 14 V, 50 Amp

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

Servicing: Citroen, Opel, Peugeot, Talbot

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

A: 46.35 B: 26.80 C: 66.00 mm



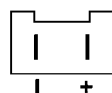
**111078** Alternator 14 V, 45 Amp

Replacing: 9120144241, 9120144240, 9120144229, 9120144228

Servicing: Autobianchi, Fiat, Lancia, Seat, Zastava

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

A: 53.25 B: 23.50 mm



**111082** Alternator 14 V, 60 Amp

Replacing: 9120144277

Servicing: Renault

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

A: 100.95 B: 56.00 mm



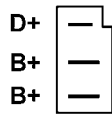
**111085** Alternator 14 V, 55 Amp

Replacing: 0120489066, 0120489065

Servicing: Volvo

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

A: 91.95 B: 71.00 mm



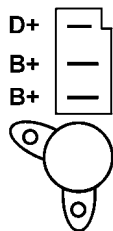
**111086** Alternator 14 V, 65 Amp

Replacing: 9120450018, 9120450012, 9120334323, 0120489938, 0120489851, 0120489850, 0120489849, 0120489847

Servicing: Austin, Ford, Mercury, MG, Rover

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

A: 34.60 B: 10.80 C: 81.00 mm


**111093** Alternator 14 V, 70 Amp

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

Servicing: Mercedes-Benz

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

A: 92.00 B: 56.00 mm


**111094** Alternator 14 V, 65 Amp

Replacing: 9120690438, 0120489369/370, 0120485008, 0120485007

Servicing: Audi, VW

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

A: 109.00 B: 56.00 mm

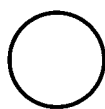

**111095**<sup>#</sup> Alternator 14 V, 65 Amp

Replacing: 0120489435, 0120489434, 0120489431, 0120489430, 0120489429

Servicing: VW

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

A: 76.30 B: 56.00 mm


**111096** Alternator 14 V, 55 Amp

Replacing: F000LD0108, 9120080122, 9120080061, 0120489584, 0120489583, 0120489566, 0120489565, 0120400863

Servicing: VW

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

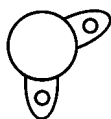

**111138** Alternator 14 V, 45 Amp

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

Servicing: Fiat, Lancia, Seat

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

A: 46.35 B: 17.00 C: 63.00 mm

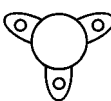

**111139** Alternator 14 V, 75 Amp

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

Servicing: Audi, Porsche, VW

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

A: 82.30 B: 56.00 mm


**111141** Alternator 14 V, 55 Amp

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

Servicing: MAN, Mercedes-Benz

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

B: 80.00 mm

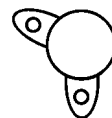

**111146** Alternator 28 V, 55 Amp

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

Servicing: DAF, Ford, MAN

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

B: 80.00 mm


**111147** Alternator 14 V, 80 Amp

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

Servicing: BMW

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

A: 78.00 B: 56.00 mm


**111148** Alternator 14 V, 65 Amp

Replacing: 0120489943, 0120489942, 0120489400, 0120489348, 0120489263, 0120489129, 0120489128, 0120488275

Servicing: Autobianchi, Fiat, Lancia, Zastava

B+ M6, Grooves 1, Pulley P, Fan w/o

A: 52.25 B: 23.00 C: 73.00 mm


**111149** Alternator 14 V, 80 Amp

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

Servicing: Mercedes-Benz

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

A: 76.00 B: 56.00 mm


**111152**<sup>#</sup> Alternator 14 V, 45 Amp

Replacing: 0120489380

Servicing: VW

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

A: 99.00 B: 56.00 mm




**111153** Alternator 14 V, 55 Amp

 Replacing: 0120489904, 0120489903,  
0120489550, 0120489549

Servicing: Alfa Romeo

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

A: 52.00 B: 27.00 mm


**111154** Alternator 14 V, 65 Amp

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

Servicing: Audi, Mercedes-Benz, Seat, VW

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

A: 98.00 B: 56.00 mm


**111156**<sup>#</sup> Alternator 14 V, 70 Amp

 Replacing: 0120489358, 0120489190,  
0120489189

Servicing: Peugeot, Talbot

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

A: 64.30 B: 27.00 C: 66.00 mm


**111157**<sup>#</sup> Alternator 14 V, 90 Amp

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

Servicing: Ford, Jaguar, Merkur

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

B: 14.00 C: 82.00 mm


**111160** Alternator 14 V, 65 Amp

Replacing: 0120489361, 0120489360

Servicing: Seat, VW

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

A: 63.90 B: 14.15 C: 81.75 mm


**111164** Alternator 14 V, 70 Amp

 Replacing: 0120488012, 0120488009,  
0120488001, 0120488000

Servicing: Opel, Vauxhall

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

A: 39.20 B: 13.50 C: 80.00 mm


**111166** Alternator 14 V, 70 Amp

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

 Servicing: Albin, Bedford, Lancia, Opel,  
Vauxhall

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

A: 77.00 B: 56.00 mm


**111168** Alternator 14 V, 55 Amp

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

Servicing: Ferrari, Opel, Vauxhall

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

A: 84.00 B: 56.00 mm


**111169** Alternator 14 V, 70 Amp

 Replacing: 0120488193, 0120488192,  
0120488173, 0120488172

Servicing: Opel, Vauxhall

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

A: 85.00 B: 56.00 mm


**111170** Alternator 14 V, 65 Amp

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

Servicing: Opel, Vauxhall

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

A: 34.85 B: 10.80 C: 81.00 mm

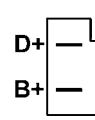

**111178** Alternator 14 V, 70 Amp

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

 Servicing: Bedford, Land Rover, Opel,  
Vauxhall

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

A: 76.85 B: 56.00 mm

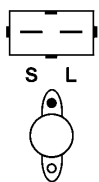

**111180** Alternator 14 V, 33 Amp

 Replacing: 0120339528, 0120339527,  
0120339516, 0120339515

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

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

A: 49.00 B: 25.00 C: 74.00 mm


**111216** Alternator 14 V, 37 Amp

Replacing: 9120060027, 0120488297

Servicing: Thermo King

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

B: 51.00 mm


**111261** Alternator 28 V, 50 Amp

Replacing: 0122469004, 0122469002

Servicing: Caterpillar

B+ 7/16" UNC, Pulley w/o, Fan EF

B: 14.10 C: 102.00 mm


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

Replacing: 0123310016, 0123310009, 0120485015

Servicing: Infiniti, Nissan

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

A: 38.00 B: 25.00 C: 81.00 mm


**111279** Alternator 14 V, 50 Amp

Replacing: 9120334318, 9120334317

Servicing: Chevrolet, GEO, Pontiac, Suzuki

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

A: 37.50 B: 20.00 C: 66.00 mm


**111280** Alternator 14 V, 65 Amp

Replacing: 0123115010, 0123115008, 0120335008

Servicing: Nissan

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

A: 38.25 B: 24.80 C: 66.80 mm


**111287** Alternator 14 V, 70 Amp

Replacing: 0120489496, 0120489495, 0120489433, 0120489432, 0120489427

Servicing: VW

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

A: 109.50 B: 56.00 mm

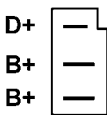

**111288** Alternator 14 V, 65 Amp

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

Servicing: Seat, VW

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

A: 75.00 B: 56.00 mm


**111289** Alternator 14 V, 70 Amp

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

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

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

A: 35.00 B: 12.50 C: 80.00 mm

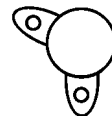

**111293** Alternator 14 V, 70 Amp

Replacing: 0123310014, 0120485029

Servicing: Ford

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

A: 33.00 B: 14.00 C: 80.00 mm

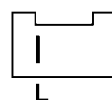

**111318** Alternator 14 V, 80 Amp

Replacing: 0123310013, 0123310011

Servicing: BMW, Citroen, Fiat, Lancia, Peugeot

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

A: 92.35 B: 56.00 mm

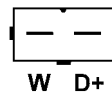

**111321** Alternator 14 V, 70 Amp

Replacing: 0120489491

Servicing: Volvo

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

A: 46.20 B: 27.15 C: 69.00 mm

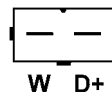

**111352** Alternator 14 V, 70 Amp

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

Servicing: Seat, Skoda, VW

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

A: 39.45 B: 14.65 C: 59.80 mm


**111353** Alternator 14 V, 70 Amp

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

Servicing: Audi, Ford, Seat, Skoda, VW

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

A: 39.00 B: 14.00 C: 59.00 mm

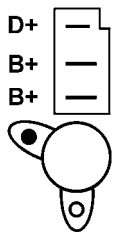

**111354** Alternator 14 V, 70 Amp

Replacing: 0123315005, 0123310005, 0120485022, 0120485012, 0120485011

Servicing: Mercedes-Benz

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

A: 92.35 B: 56.00 mm

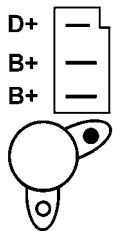

**111355** Alternator 14 V, 65 Amp

Replacing: 0120489385, 0120489384, 0120489293

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

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

A: 37.00 B: 11.50 C: 81.00 mm

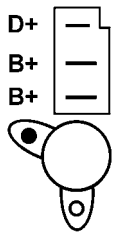

**111356** Alternator 14 V, 55 Amp

Replacing: 0120488189

Servicing: Ford, Various Agriculture Vehicles

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

A: 43.00 B: 10.80 C: 81.00 mm

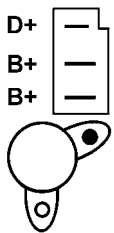

**111362** Alternator 14 V, 55 Amp

Replacing: 0120489345, 0120489290

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

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

A: 34.50 B: 11.00 C: 81.00 mm

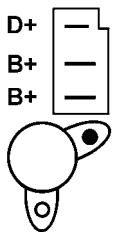

**111364** Alternator 14 V, 55 Amp

Replacing: 0120489292, 0120489252, 0120489251, 0120489245

Servicing: Ford, Rover

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

A: 35.50 B: 12.50 C: 81.00 mm

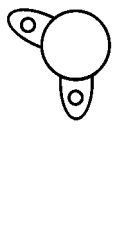

**111366** Alternator 14 V, 45 Amp

Replacing: 9120144290, 9120144289

Servicing: Land Rover, LDV

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

B: 11.00 C: 81.00 mm

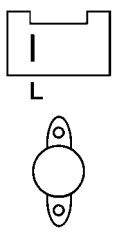

**111369** Alternator 14 V, 90 Amp

Replacing: 9123369044, 0123335007, 0123335006, 0123335002, 0123320044

Servicing: Mercedes-Benz, Various Agriculture Vehicles

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

A: 92.00 B: 56.00 mm


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

Replacing: 0120488143

Servicing: Volvo

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

A: 46.75 B: 27.00 C: 66.00 mm


**111416** Alternator 14 V, 65 Amp

Replacing: 0124215002

Servicing: Citroen, Fiat

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

A: 49.85 B: 16.75 C: 82.00 mm


**111418** Alternator 14 V, 60 Amp

Replacing: 0120489336, 0120488284

Servicing: Alfa Romeo, Fiat, Iveco

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

A: 49.00 B: 17.00 C: 66.00 mm


**111419** Alternator 28 V, 55 Amp

Replacing: 0120469890, 0120469634, 0120469549

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

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

A: 50.00 B: 17.45 C: 63.00 mm


**111426** Alternator 14 V, 100 Amp

Replacing: 0124415008, 0123505002

Servicing: Isuzu, Opel, Vauxhall

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

A: 51.00 B: 33.75 C: 56.00 mm

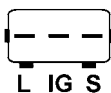

**111427** Alternator 14 V, 90 Amp

Replacing: 0123212001

Servicing: Ford

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

A: 34.50 B: 13.50 C: 81.00 mm

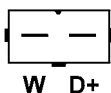

**111468** Alternator 14 V, 80 Amp

 Replacing: 0123325013, 0123325003,  
0123325000

Servicing: Toyota

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

A: 90.00 B: 58.00 mm


**111477** Alternator 14 V, 90 Amp

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

Servicing: Ford, Seat, Skoda, VW

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

A: 39.50 B: 13.50 C: 59.00 mm

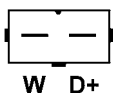

**111478** Alternator 14 V, 90 Amp

 Replacing: 9123320016, 0123320054,  
0123320052, 0123320016

Servicing: Audi, VW

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

A: 35.00 B: 14.00 C: 82.00 mm


**111479** Alternator 14 V, 90 Amp

 Replacing: 0123340002, 0123320006,  
0123320002, 0120485036

Servicing: Seat, VW

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

A: 39.00 B: 14.00 C: 59.00 mm

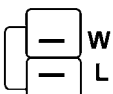

**111514** Alternator 14 V, 100 Amp

Replacing: 0123505003

Servicing: Opel, Saab, Vauxhall

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

A: 52.00 B: 34.00 C: 56.00 mm


**111515** Alternator 14 V, 70 Amp

Replacing: F002G10951

Servicing: AC, Opel, Vauxhall

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

A: 42.50 B: 13.00 C: 78.50 mm

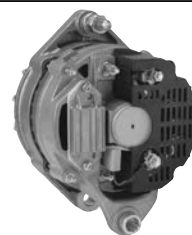

**111528** Alternator 28 V, 55 Amp

Replacing: 0120469523

Servicing: Volvo, Volvo BM, Volvo Penta

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

B: 51.50 mm


**111620** Alternator 14 V, 65 Amp

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

 Servicing: Alfa Romeo, Ferrari, Fiat, Lancia,  
Various Agriculture Vehicles

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

A: 47.75 B: 16.30 C: 63.00 mm


**111629** Alternator 28 V, 120 Amp

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

Servicing: MAN, Mercedes-Benz, Setra

 B+ M8, Terminal W, Pulley w/o, Fan EF  
B- M8, Shaft 30 mm. Heavy duty type: HC-  
CARGO 113589. 180 A.

B: 15.00 C: 180.00 mm


**111631** Alternator 28 V, 55 Amp

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

Servicing: Volvo

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

B: 14.10 C: 100.00 mm

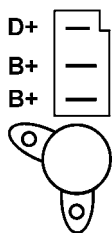

**111649** Alternator 14 V, 33 Amp

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

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

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

A: 76.00 B: 56.00 mm



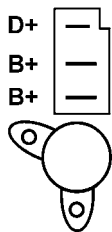
**111652#** Alternator 14 V, 65 Amp

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

Servicing: Audi, VW

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

A: 108.50 B: 56.00 mm



**111653** Alternator 14 V, 45 Amp

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

Servicing: Audi, VW

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

A: 108.50 B: 56.00 mm



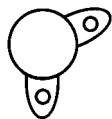
**111656** Alternator 14 V, 45 Amp

Replacing: 0120489767, 0120489766, 0120489117, 0120489116

Servicing: Bedford, Opel, Vauxhall

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

A: 77.00 B: 56.00 mm



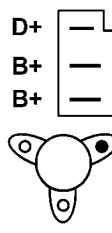
**111662** Alternator 14 V, 33 Amp

Replacing: 0120339536, 0120339521

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

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

B: 56.00 mm



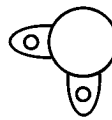
**111670** Alternator 14 V, 45 Amp

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

Servicing: VW

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

A: 77.00 B: 56.00 mm



**111676** Alternator 14 V, 90 Amp

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

Servicing: Audi, Skoda, VW

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

A: 41.00 B: 14.80 C: 59.00 mm



**111686** Alternator 14 V, 65 Amp

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

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

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

A: 49.50 B: 17.00 C: 64.50 mm



**111732** Alternator 14 V, 120 Amp

Replacing: 0124515086, 0123510063, 0123505001

Servicing: Opel, Vauxhall

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

A: 50.00 B: 34.00 C: 56.00 mm



**111741** Alternator 14 V, 70 Amp

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

Servicing: Ford

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

B: 11.50 C: 81.00 mm



**111746** Alternator 28 V, 80 Amp

Replacing: 6033GB3021, 0120468144, 0120468135, 0120468093

Servicing: Volvo

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

B: 14.50 C: 100.00 mm



**111795** Alternator 14 V, 80 Amp

Replacing: 9124476602

Servicing: Ford

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

A: 12.50 B: 72.00 C: 53.00 mm



**111800** Alternator 14 V, 65 Amp

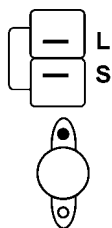
Replacing: 0120489343, 0120489341

Servicing: Opel, Vauxhall

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

A: 85.00 B: 56.00 mm




**111812** Alternator 14 V, 90 Amp

Replacing: 9120335001, 9120335000

Servicing: Nissan

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

A: 42.00 B: 13.00 C: 81.00 mm


**111814** Alternator 14 V, 120 Amp

Replacing: 0120450029

Servicing: Chrysler

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

Regulator: HC-CARGO 131280.

A: 34.00 B: 12.00 C: 54.00 mm


**111815**<sup>#</sup> Alternator 14 V, 120 Amp

Replacing: 0120450028, 0120450027, 0120450026

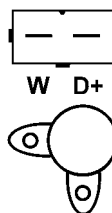
Servicing: Chrysler

B+ M6, Terminal W, Grooves 5,

Pulley SP, Fan EF

Regulator: HC-CARGO 131280.

A: 31.85 B: 12.30 C: 54.00 mm


**111820** Alternator 14 V, 90 Amp

Replacing: 0123320034, 0123320027, 0123320019, 0123320008

Servicing: Audi, Skoda, VW

B+ M8, Terminal W, Grooves 6,

Pulley SP, Fan IF

A: 39.5 B: 14.00 C: 59.00 mm

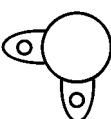
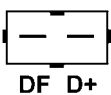

**111824** Alternator 14 V, 70 Amp

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

Servicing: Opel, Vauxhall

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

A: 53.00 B: 33.70 C: 56.00 mm


**111828** Alternator 14 V, 120 Amp

Replacing: 0123515020, 0123515017

Servicing: Ford, Seat, Volvo, VW

B+ M8, Pulley w/o, Fan IF

B: 14.10 C: 59.00 mm


**111833** Alternator 28 V, 140 Amp

Replacing: 0120689587, 0120689574, 0120689571, 0120689535, 0120689530

Servicing: Drögmöller, Mercedes-Benz, Setra, Various Agriculture Vehicles

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

B- M8, Shaft 30 mm. Heavy duty type: HC-CARGO 113589. 180 A.

B: 15.70 C: 182.00 mm

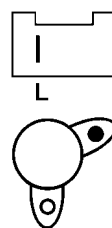

**111834** Alternator 28 V, 55 Amp

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

Servicing: Scania

 B+ M8, Terminal W, Pulley w/o, Fan EF  
 Heavy duty type: HC-CARGO 112182 (80 A).

B: 80.00 mm


**111841** Alternator 14 V, 50 Amp

Replacing: 0120489476, 0120489467

Servicing: Citroen, Peugeot

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

A: 95.50 B: 56.00 mm


**111842** Alternator 28 V, 140 Amp

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

Servicing: Ikarus, MAN, Mercedes-Benz, Neoplan

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

B: 15.00 C: 180.00 mm

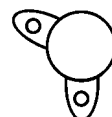

**111843** Alternator 14 V, 95 Amp

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

Servicing: Case

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

B: 51.00 mm

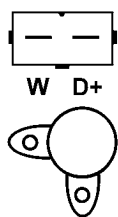

**111850** Alternator 14 V, 143 Amp

Replacing: 0123520008, 0123520007, 0123510021, 0123510018, 0123510004

Servicing: Mercedes-Benz

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

A: 82.50 B: 56.00 mm


**111858**<sup>#</sup> Alternator 14 V, 90 Amp

Replacing: 0123320036

Servicing: Seat, VW

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

A: 42.90 B: 14.00 C: 59.00 mm


**111860**<sup>#</sup> Alternator 14 V, 90 Amp

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

Servicing: Fiat, Lancia

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

A: 56.00 B: 17.00 C: 63.30 mm

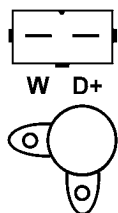

**111883** Alternator 14 V, 115 Amp

 Replacing: 0123510101, 0123510080,  
0123510049, 0123510038

Servicing: Mercedes-Benz

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

A: 92.00 B: 56.00 mm

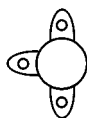

**111884** Alternator 14 V, 90 Amp

Replacing: 0123320038, 0123310049

Servicing: Seat, VW

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

A: 39.50 B: 14.00 C: 61.50 mm


**111886** Alternator 28 V, 65 Amp

 Replacing: 6033GB3034, 6033GB3033,  
0120468131

Servicing: Scania

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

B: 23.25 C: 68.70 mm


**111888** Alternator 14 V, 65 Amp

 Replacing: F005A00023, 0120489475,  
0120488293, 0120488205

Servicing: Case

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

A: 81.00 B: 50.60 mm


**111890** Alternator 14 V, 90 Amp

Replacing: 0123340007, 0123320041

Servicing: Mercedes-Benz

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

A: 92.00 B: 56.00 mm

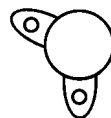

**111891**<sup>#</sup> Alternator 14 V, 70 Amp

Replacing: 0124225031, 0123110005

Servicing: Mercedes-Benz, Opel, Vauxhall

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

A: 52.75 B: 33.60 C: 56.00 mm

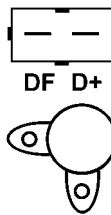

**111893** Alternator 14 V, 70 Amp

Replacing: 0123310012

Servicing: Citroen, Fiat, Peugeot

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

A: 91.45 B: 56.00 mm

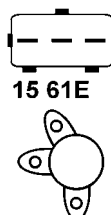

**111894** Alternator 14 V, 115 Amp

Replacing: 0123515028, 0123515013

Servicing: Volvo

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

A: 40.50 B: 14.00 C: 59.00 mm

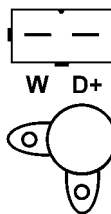

**111895** Alternator 14 V, 140 Amp

 Replacing: B120510510, 0123515023,  
0123515010, 0123515002, 0123515001

Servicing: BMW

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

A: 66.00 C: 59.00 mm

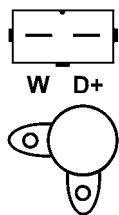

**111898** Alternator 14 V, 120 Amp

 Replacing: B120510614, 0123515016,  
0123510026, 0123505016

Servicing: VW

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

A: 39.00 B: 14.25 C: 61.00 mm

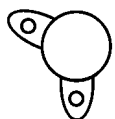

**111899** Alternator 14 V, 90 Amp

Replacing: 0123320018

Servicing: VW

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

A: 39.30 B: 14.00 C: 61.00 mm

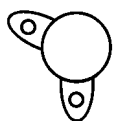

**111902** Alternator 14 V, 115 Amp

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

Servicing: Mercedes-Benz, VW

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

A: 83.00 B: 56.10 mm


**111903** Alternator 14 V, 90 Amp

Replacing: 0123335008, 0123320060

Servicing: Mercedes-Benz, VW

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

A: 83.00 B: 56.10 mm


**111967** Alternator 14 V, 90 Amp

Replacing: 0124325023

Servicing: Mercedes-Benz

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

A: 30.00 B: 140.00 C: 41.20 mm


**111978** Alternator 14 V, 120 Amp

Replacing: 6033GB2009, 0120484021, 0120484015

Servicing: Claas, Fendt

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

B: 56.00 mm


**111980** Alternator 14 V, 70 Amp

Replacing: 0123310051, 0123310033

Servicing: Ford, Nissan

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

A: 42.00 B: 13.00 C: 80.90 mm

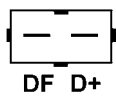

**111987** Alternator 28 V, 55 Amp

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

Servicing: Iveco

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

B: 17.00 C: 63.80 mm


**111988** Alternator 14 V, 120 Amp

Replacing: 0123515018, 0123515014, 0123510027, 0123505011

Servicing: Ford, Seat, VW

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

A: 39.00 B: 13.90 C: 59.00 mm


**111989** Alternator 14 V, 90 Amp

Replacing: 0124325137, 0124325003

Servicing: Audi, Seat, Skoda, VW

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

 Alternative no.: 115482 **5\***

A: 39.60 B: 14.00 C: 61.00 mm

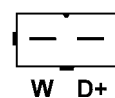

**111990** Alternator 14 V, 70 Amp

Replacing: 0124225050, 0124225046, 0124225024, 0124225002

Servicing: Opel, Vauxhall

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

A: 55.00 B: 33.50 C: 56.00 mm


**111991** Alternator 14 V, 120 Amp

Replacing: 0123510005, 0123505010, 0120465021

Servicing: VW

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

A: 42.50 B: 14.00 C: 59.00 mm

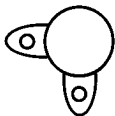

**111993<sup>#</sup>** Alternator 14 V, 75 Amp

Replacing: 0123315020, 0123315007

Servicing: Honda, Rover

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

A: 90.00 B: 58.10 mm



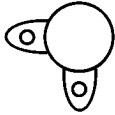
**112002** Alternator 14 V, 120 Amp

Replacing: 0124515125, 0124515124, 0124515121, 0124515117, 0124515110, 0124515012, 0124515011, 0124515010  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 B+ M8, Terminal W, Pulley w/o, Fan IF  
 As HC-CARGO 114797, but without pulley  
 B: 14.50 C: 59.00 mm



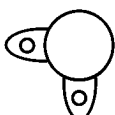
**112038** Alternator 28 V, 100 Amp

Replacing: 0120468066  
 Servicing: Timberjack  
 B+ M8, Terminal W, Pulley w/o, Fan w/o  
 B: 56.00 mm



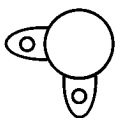
**112042** Alternator 14 V, 90 Amp

Replacing: 0123325006  
 Servicing: VW  
 B+ M8, Terminal DF, Grooves 5, Pulley SP/FW, Fan IF  
 A: 42.50 B: 13.80 C: 61.00 mm



**112043** Alternator 14 V, 90 Amp

Replacing: 0124325004  
 Servicing: VW  
 B+ M8, Terminal DF, Grooves 6, Pulley SP, Fan IF  
 A: 40.00 B: 14.00 C: 61.00 mm



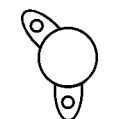
**112045** Alternator 14 V, 120 Amp

Replacing: 0123515008  
 Servicing: Audi, VW  
 B+ M8, Terminal DF, Grooves 5, Pulley SP, Fan IF  
 A: 30.00 B: 13.60 C: 59.00 mm



**112046** Alternator 14 V, 95 Amp

Replacing: 0120484001  
 Servicing: Deutz-Fahr, Iveco  
 B+ M8, Terminal W, Grooves 8, Pulley SP, Fan EF  
 A: 84.00 B: 56.00 mm



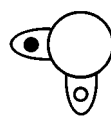
**112056** Alternator 14 V, 70 Amp

Replacing: 0120489342, 0120488204, 0120488202, 0120488187, 0120488186, 0120488169, 0120488168, 0120488100  
 Servicing: Opel, Vauxhall  
 B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF  
 A: 87.00 B: 56.00 mm



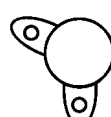
**112062** Alternator 14 V, 115 Amp

Replacing: 0124515126, 0123512500  
 Servicing: John Deere  
 B+ M8, Pulley w/o, Fan IF  
 SP/FW 235718 can be used  
 B: 56.00 mm



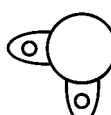
**112072** Alternator 14 V, 120 Amp

Replacing: 0124515054, 0124515019  
 Servicing: Volvo  
 B+ M8, Pulley w/o, Fan IF  
 B: 20.20 C: 82.00 mm



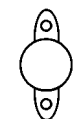
**112073** Alternator 14 V, 80 Amp

Replacing: 0124325006  
 Servicing: Chrysler, Honda  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 90.80 B: 56.00 mm



**112075** Alternator 14 V, 70 Amp

Replacing: 0124315035, 0124315004, 0124315003  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 40,00 B: 14.00 C: 60,75 mm



**112076** Alternator 28 V, 80 Amp

Replacing: 0120468999, 0120468139, 0120468130, 0120468129, 0120468124, 0120468116, 0120468094, 0120468065  
 Servicing: Iveco, Renault V.I., Scania  
 B+ M8, Terminal W, Pulley w/o, Fan EF  
 B: 27.00 C: 72.10 mm

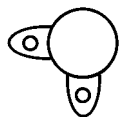

**112078** Alternator 14 V, 120 Amp

Replacing: 0124515018, 0124515017

Servicing: Citroen, Volvo

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

A: 44.50 C: 82.00 mm

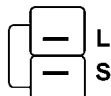

**112079** Alternator 14 V, 90 Amp

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

Servicing: Audi, Ford, Seat, Skoda, VW

B+ M8, Pulley w/o, Fan IF

B: 14.00 C: 61.00 mm


**112086** Alternator 14 V, 60 Amp

Replacing: 9120334632, 9120334631

Servicing: Audi, Ford, Nissan

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

A: 42.00 B: 13.10 C: 80.40 mm


**112087** Alternator 14 V, 55 Amp

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

Servicing: Nissan

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

A: 44.50 B: 13.50 C: 80.50 mm


**112097** Alternator 28 V, 30 Amp

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

 Servicing: Allis Chalmers, Astra, Fahr, Iveco,  
Laverda

B+ M6, Grooves 1, Pulley P, Fan w/o

A: 45.00 B: 17.00 C: 63.00 mm


**112098** Alternator 14 V, 65 Amp

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

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

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

A: 77.00 B: 56.00 mm


**112144** Alternator 14 V, 98 Amp

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

Servicing: Dacia, Nissan, Renault

B+ M8, Pulley w/o, Fan IF

B: 80.00 C: 40.50 mm


**112149** Alternator 14 V, 65 Amp

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

Servicing: Audi, Seat, VW

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

A: 109.80 B: 56.00 mm


**112159** Alternator 28 V, 80 Amp

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

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

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

B: 80.40 mm


**112170** Alternator 28 V, 50 Amp

 Replacing: 0120489481, 0120489071,  
0120488294, 0120488206

Servicing: Case, Komatsu

 B+ M8, Terminal W, Pulley w/o, Fan EF  
*Dust proof.*

B: 51.00 mm


**112182** Alternator 28 V, 80 Amp

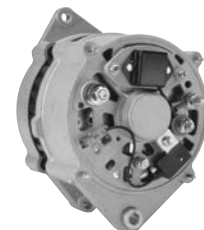
Replacing: 112182

Servicing: Scania

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

As HC-CARGO 111834 (55 A).

B: 80.10 mm


**112189** Alternator 28 V, 80 Amp

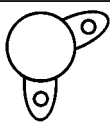
 Replacing: 0120468162, 0120468154,  
0120468140

Servicing: Renault V.I.

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

B: 27.00 C: 76.25 mm



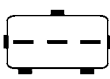
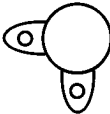

**112190** Alternator 14 V, 90 Amp

Replacing: 0124415011, 0124325145, 0124325058

Servicing: Fiat, Lancia

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

A: 58.35 B: 25.00 C: 70.65 mm


**15 61E**

**112193** Alternator 14 V, 120 Amp

Replacing: 0124515050, 0123515022, 0123515004

Servicing: BMW

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

A: 69.00 B: 28.00 C: 76.00 mm

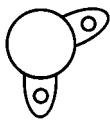

**112194** Alternator 14 V, 120 Amp

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

Servicing: Dodge, Mercedes-Benz, Ssangyong, Various Agriculture Vehicles

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

A: 82.20 B: 56.00 mm

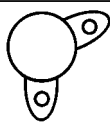

**112195**<sup>#</sup> Alternator 14 V, 115 Amp

Replacing: 0123510037

Servicing: Chrysler, Dodge

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

A: 27.00 B: 14.10 C: 60.60 mm


**112196** Alternator 14 V, 143 Amp

Replacing: 0124615053, 0123510075, 0123510074, 0123510060

Servicing: Fendt

B+ M8, Pulley w/o, Fan IF

B: 56.00 mm


**112197** Alternator 14 V, 115 Amp

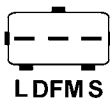
Replacing: 0124615035, 0124515118, 0124515114, 0124515091, 0124515064, 0124515061, 0123510108, 0123510107

Servicing: Mercedes-Benz

B+ M8, Pulley w/o, Fan IF

As HC-CARGO 114790, but without pulley

B: 69.80 C: 56.00 mm


**LDFMS**

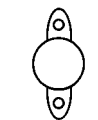
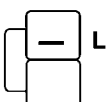
**112198** Alternator 14 V, 105 Amp

Replacing: 0124415006

Servicing: Ford

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

A: 33.50 B: 14.00 C: 59.00 mm


**112207** Alternator 14 V, 70 Amp

Replacing: 9120334635

Servicing: Nissan

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

A: 41.85 B: 13.00 C: 80.00 mm


**112209**<sup>#</sup> Alternator 14 V, 70 Amp

Replacing: 0123115014, 0123115009

Servicing: Honda, Rover

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

A: 90.00 B: 56.00 mm


**112229** Alternator 14 V, 70 Amp

Replacing: 0124225028, 0123120001

Servicing: Opel, Vauxhall

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

A: 50.50 B: 34.00 C: 59.00 mm

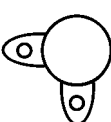

**112230** Alternator 14 V, 90 Amp

Replacing: 0120335012

Servicing: Citroen, Fiat, Peugeot

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

A: 42.00 B: 27.20 C: 69.20 mm

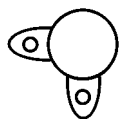

**LDFM**

**112273** Alternator 14 V, 70 Amp

Replacing: 0124315005

Servicing: Seat, Skoda, VW

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

A: 41.00 B: 14.00 C: 60.80 mm


**112274** Alternator 14 V, 90 Amp

Replacing: 0124325150, 0124325032, 0124325013

Servicing: Seat, Skoda, VW

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

A: 39.50 B: 14.10 C: 61.40 mm


**112288** Alternator 28 V, 55 Amp

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

Servicing: Mercedes-Benz, Steyr

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

B: 56.00 mm


**112302** Alternator 28 V, 120 Amp

Replacing: 0120689550, 0120689539, 0120689538, 0120689524, 0120689516

Servicing: Iveco

B+ M8, Pulley w/o, Fan EF, Not Insulated return

B- M8.

B: 16.00 C: 86.00 mm

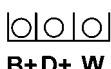

**112310** Alternator 14 V, 55 Amp

Replacing: 0120489533

Servicing: BMW, Volvo BM

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

A: 74.00 B: 50.70 mm


**112325** Alternator 14 V, 70 Amp

Replacing: 9124476048

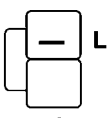
Servicing: Ford

B+ M6, Terminal W, Grooves 5,

Pulley SP, Fan IF

D+ kan være med M4

A: 33.00 B: 14.20 C: 82.30 mm


**112329** Alternator 14 V, 70 Amp

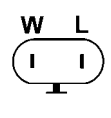
Replacing: 9120334626, 9120334625, 0120334625

Servicing: Nissan

B+ M6, Terminal W, Grooves 2,

Pulley DP, Fan EF

A: 43.00 B: 13.20 C: 80.40 mm


**112330** Alternator 14 V, 55 Amp

Replacing: 9120334638, 9120334634, 9120334633, 6033GB4021

Servicing: Nissan

B+ M6, Terminal W, Grooves 1,

Pulley P, Fan EF

A: 43.00 B: 13.30 C: 80.60 mm


**112343** Alternator 28 V, 140 Amp

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

Servicing: Renault V.I., Volvo

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

B- M8. Shaft 30 mm.

B: 15.30 C: 182.00 mm


**112345** Alternator 28 V, 55 Amp

Replacing: 0120469798, 0120469014

Servicing: Volvo

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

Fan w/o

B: 51.50 mm


**112394** Alternator 14 V, 70 Amp

Replacing: 9120334642, 6033GB4018

Servicing: Nissan

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

A: 41.90 B: 13.50 C: 80.00 mm


**112396** Alternator 14 V, 90 Amp

Replacing: 0124325049, 0124325018

Servicing: Audi, VW

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

A: 30.00 B: 14.00 C: 60.85 mm

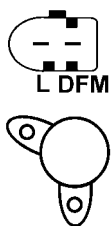

**112397** Alternator 14 V, 120 Amp

Replacing: 0124515083, 0124515026

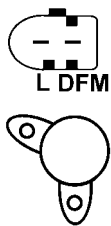
Servicing: Audi, Skoda, VW

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

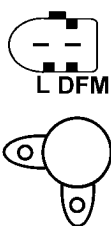
A: 29.85 B: 14.10 C: 61.00 mm



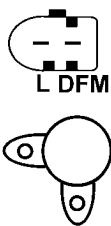
**112398#** Alternator 14 V, 70 Amp  
 Replacing: 0124315010  
 Servicing: Audi, Skoda, VW  
 B+ M8, Grooves 5, Pulley SP, Fan IF  
 A: 35.00 B: 14.00 C: 82.00 mm



**112399** Alternator 14 V, 90 Amp  
 Replacing: 0124325025, 0124325019, 0124325017  
 Servicing: Audi, Skoda, VW  
 B+ M8, Grooves 5, Pulley SP, Fan IF  
 A: 34.65 B: 14.00 C: 82.50 mm



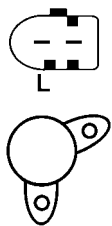
**112401** Alternator 14 V, 90 Amp  
 Replacing: 0124325014  
 Servicing: Seat, VW  
 B+ M8, Grooves 5, Pulley SP/FW, Fan IF  
 A: 30.00 B: 14.00 C: 60.50 mm



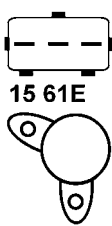
**112402** Alternator 14 V, 120 Amp  
 Replacing: 0124515057, 0124515035  
 Servicing: Audi, Skoda, VW  
 B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF  
 A: 39.00 B: 14.50 C: 61.40 mm



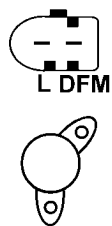
**112406** Alternator 14 V, 90 Amp  
 Replacing: 0123315503, 0123315500  
 Servicing: Iveco  
 B+ M8, Grooves 1, Pulley P, Fan IF  
 A: 48.30 B: 14.00 C: 82.00 mm



**112407** Alternator 14 V, 90 Amp  
 Replacing: 0124320001  
 Servicing: Iveco  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 46.50 B: 14.00 C: 82.00 mm



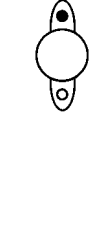
**112413** Alternator 14 V, 90 Amp  
 Replacing: 0123325015, 0123325011, 0123315022  
 Servicing: BMW  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 47.00 B: 20.00 C: 74.00 mm



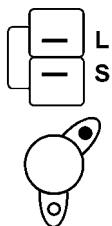
**112414** Alternator 14 V, 85 Amp  
 Replacing: 0124225011, 0124225010  
 Servicing: MG, Rover  
 B+ M8, Grooves 5, Pulley SP, Fan IF  
 A: 89.50 B: 58.00 mm



**112415** Alternator 14 V, 120 Amp  
 Replacing: 0124515080, 0124515005  
 Servicing: Opel, Vauxhall  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 51.00 B: 33.40 C: 57.20 mm



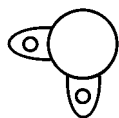
**112416** Alternator 14 V, 100 Amp  
 Replacing: 0986042741, 0124425022, 0124415002  
 Servicing: Holden, Opel, Vauxhall  
 B+ M8, Grooves 5, Pulley SP, Fan IF  
 A: 53.35 B: 33.50 C: 57.20 mm



**112418** Alternator 14 V, 90 Amp  
 Replacing: 0124325008  
 Servicing: Mitsubishi  
 B+ M8, Grooves 5, Pulley SP, Fan IF  
 A: 38.00 B: 12.90 C: 66.40 mm



**112419** Alternator 14 V, 70 Amp  
 Replacing: 0124315014  
 Servicing: Seat, Skoda  
 B+ M8, Grooves 5, Pulley SP, Fan IF  
 A: 35.00 B: 14.00 C: 81.60 mm


**112420** Alternator 14 V, 115 Amp

Replacing: 0123510109

Servicing: Chrysler

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

A: 30.30 B: 14.25 C: 61.00 mm


**112424** Alternator 28 V, 140 Amp

Replacing: 0120689562

Servicing: Scania

B+ M8, Pulley w/o, Fan EF

B- M8, shaft 30 mm.

B: 15.50 C: 182.00 mm

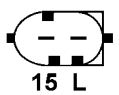

**112425** Alternator 14 V, 150 Amp

 Replacing: 0124615033, 0124615019,  
0124615015, 0123520023

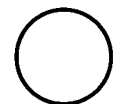
Servicing: Mercedes-Benz

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

A: 86.00 B: 70.00 C: 65.00 mm



15 L


**112426** Alternator 14 V, 150 Amp

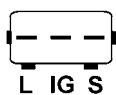
 Replacing: 0122468015, 01220AA1J0,  
01220AA1H0

Servicing: BMW, Land Rover

B+ M8, Grooves 6, Pulley SP, Fan w/o

*Water cooled.*

mm



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**112427** Alternator 28 V, 90 Amp

Replacing: 0123525502

Servicing: Iveco

B+ M8, Grooves 12, Pulley SP, Fan IF

A: 90.00 B: 57.60 mm



L DFM


**112428** Alternator 14 V, 150 Amp

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

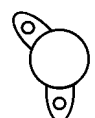
Servicing: Mercedes-Benz

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

Fan w/o

*Water cooled.*

A: 63.75 B: 90.15 C: 146.00 mm


**112453** Alternator 14 V, 85 Amp

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

Servicing: Alfa Romeo, Fiat, Iveco, Lancia

B+ M8, Pulley w/o, Fan EF

B: 16.90 C: 63.00 mm

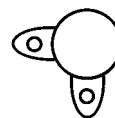

**112460** Alternator 14 V, 150 Amp

Replacing: 0124615002

Servicing: Citroen, Fiat, Peugeot

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

A: 43.60 B: 22.00 C: 45.60 mm


**112461** Alternator 14 V, 150 Amp

Replacing: 0124615027

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

 B+ M8, Grooves 6, Pulley w/o, Fan IF  
As HC-CARGO 114798. but without pulley

A: 42.50 B: 22.30 C: 45,20 mm

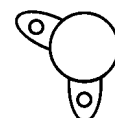

**112493** Alternator 28 V, 65 Amp

Replacing: 0120468147, 0120468054

Servicing: Case

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

B: 14.00 C: 100.00 mm

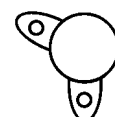

**112529** Alternator 14 V, 90 Amp

 Replacing: 0123335003, 0123320061,  
0123320045, 0123320010, 0123315501

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

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

A: 92.00 B: 56.10 mm


**112530** Alternator 14 V, 120 Amp

 Replacing: 0123510067, 0123510066,  
0123510051, 0123510039, 0123510012

 Servicing: Daewoo, Mercedes-Benz,  
Ssangyong

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

A: 92.50 B: 56.10 mm



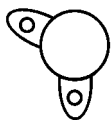
**112535** Alternator 14 V, 120 Amp

Replacing: 0124515045

Servicing: Mercedes-Benz

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

A: 91.95 B: 56.00 mm



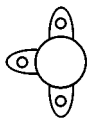
**112539** Alternator 14 V, 110 Amp

Replacing: 0123510059, 0123510040, 0120465017, 0120465016, 0120465014

Servicing: Mercedes-Benz

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

A: 84.00 B: 56.00 mm



**112557** Alternator 14 V, 120 Amp

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

Servicing: Renault, Volvo

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

A: 47.80 B: 21.00 C: 55.50 mm



**112561** Alternator 28 V, 80 Amp

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

Servicing: Mercedes-Benz

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

B: 80.00 mm



**112680** Alternator 14 V, 70 Amp

Replacing: B120411528, 0123310053, 0123310029

Servicing: Ford

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

A: 33.50 B: 14.00 C: 80.00 mm



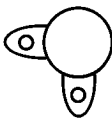
**112683** Alternator 14 V, 105 Amp

Replacing: 0120489084

Servicing: BMW

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

A: 72.40 B: 16.00 C: 82.00 mm



**112687** Alternator 14 V, 80 Amp

Replacing: 0120485048, 0120469967

Servicing: BMW

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

A: 69.00 B: 28.00 C: 76.50 mm



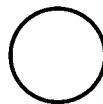
**112689** Alternator 14 V, 55 Amp

Replacing: 0123100002

Servicing: Opel, Vauxhall

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

A: 53.00 B: 34.00 C: 59.00 mm



**112693** Alternator 14 V, 115 Amp

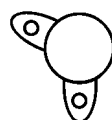
Replacing: 0120468125, 0120468101, 0120468029

Servicing: Porsche

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



B+ D+ W



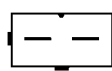
**112698** Alternator 14 V, 100 Amp

Replacing: F010LD0201

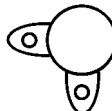
Servicing: Ford

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

A: 33.00 B: 14.10 C: 83.30 mm



W D+



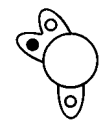
**112709** Alternator 14 V, 120 Amp

Replacing: 0123510053, 0123510007

Servicing: Ford, VW

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

A: 43.00 B: 14.00 C: 61.00 mm



**112712<sup>#</sup>** Alternator 14 V, 90 Amp

Replacing: 0123335001, 0120485041

Servicing: Audi

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

A: 106.50 B: 56.00 mm


**112720** Alternator 14 V, 100 Amp

Replacing: 0124415010

Servicing: Opel, Vauxhall

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

A: 54.00 B: 33.40 C: 57.00 mm

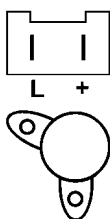

**112725** Alternator 14 V, 70 Amp

 Replacing: 0120469781, 0120469656,  
0120469655

Servicing: Ford

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

A: 36.50 B: 13.80 C: 82.30 mm


**112728** Alternator 14 V, 55 Amp

 Replacing: 9120144278, 9120144268,  
9120144267

Servicing: Renault

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

A: 102.00 B: 56.00 mm


**112729** Alternator 14 V, 90 Amp

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

Servicing: Audi, VW

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

A: 84.00 B: 55.60 mm


**112730** Alternator 14 V, 90 Amp

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

Servicing: Ford, Porsche

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

A: 35.75 B: 14.00 C: 81.00 mm


**112734** Alternator 14 V, 80 Amp

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

Servicing: Mercedes-Benz

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

A: 91.50 B: 56.00 mm


**112735** Alternator 14 V, 45 Amp

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

Servicing: Audi, VW

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

A: 109.50 B: 56.30 mm

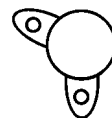

**112736** Alternator 14 V, 65 Amp

Replacing: 0120489756

Servicing: Deutz-Fahr, Fahr, Iveco

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

A: 76.50 B: 56.10 mm

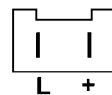

**112742** Alternator 14 V, 90 Amp

 Replacing: 0120469749, 0120469522,  
0120469507

Servicing: Valtra, Volvo, Volvo BM

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

A: 72.50 B: 51.00 mm


**112744** Alternator 14 V, 60 Amp

Replacing: 9120144296, 9120144295

Servicing: Renault, Volvo

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

A: 45.00 B: 27.00 C: 66.00 mm


**112746** Alternator 14 V, 80 Amp

 Replacing: 0120469793, 0120469787,  
0120469786, 0120469785, 0120469784

Servicing: Volvo

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

A: 93.00 B: 71.00 mm


**112747** Alternator 28 V, 55 Amp

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

Servicing: Deutz-Fahr, Ford, Iveco, KHD

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

B: 56.00 mm




**112750** Alternator 14 V, 90 Amp

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

Servicing: Audi, Seat, VW

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

A: 31.50 B: 14.00 C: 82.00 mm

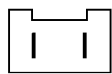

**112753** Alternator 14 V, 55 Amp

Replacing: 0120489297, 0120489295

Servicing: Volvo

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

A: 93.80 B: 71.00 mm


**112756** Alternator 14 V, 60 Amp

Replacing: 9120144303, 9120144302

Servicing: Renault

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

A: 56.00 B: 27.00 C: 65.00 mm


**112757** Alternator 28 V, 55 Amp

Replacing: 0120469963, 0120469920

Servicing: Scania, Volvo

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

B: 27.50 C: 68.00 mm



W D+ B+


**112759<sup>#</sup>** Alternator 14 V, 90 Amp

 Replacing: 0120469874, 0120469871,  
0120469870

Servicing: Ford

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

A: 33.40 B: 14.00 C: 82.00 mm


**112763** Alternator 14 V, 55 Amp

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

Servicing: Seat, VW

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

A: 78.50 B: 56.00 mm


**112764<sup>#</sup>** Alternator 14 V, 90 Amp

Replacing: 0120469879, 0120469878

Servicing: BMW

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

A: 60.80 B: 15.80 C: 80.50 mm


**112765** Alternator 14 V, 90 Amp

 Replacing: B120500331, B120500330,  
0120469723, 0120469722, 0120469021

Servicing: VW

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

A: 98.95 B: 55.80 mm


**112768** Alternator 14 V, 55 Amp

 Replacing: 0120489457, 0120489402,  
0120489019, 0120488195, 0120488194

Servicing: Alfa Romeo, Goldoni

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

A: 45.00 B: 17.00 C: 70.00 mm

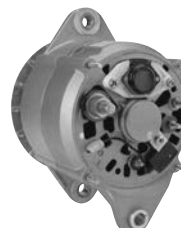

**112771** Alternator 14 V, 90 Amp

 Replacing: 0120469939, 0120469938,  
0120469859, 0120469858

Servicing: Alfa Romeo, Fiat, Lancia

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

A: 39.50 B: 14.30 C: 82.00 mm

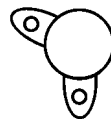

**112773** Alternator 14 V, 135 Amp

Replacing: 0120468055

 Servicing: Case, Cummins, John Deere, New  
Holland

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

B: 14.22 C: 100.00 mm


**112774<sup>#</sup>** Alternator 14 V, 100 Amp

 Replacing: 0120468060, 0120468059,  
0120468058, 0120468057

Servicing: BMW, Mercedes-Benz

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

A: 91.00 B: 56.00 mm


**112775** Alternator 14 V, 70 Amp

Replacing: 0120488255

Servicing: Mercedes-Benz, Opel, Vauxhall

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

A: 90.00 B: 55.90 mm


**112777** Alternator 14 V, 115 Amp

 Replacing: B120501043, 0120468141,  
0120468123, 0120468108, 0120468070,  
0120468052, 0120468044, 0120468024

Servicing: Alfa Romeo, Audi, Lancia

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

A: 31.00 B: 14.00 C: 83.00 mm


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

 Replacing: 0120489227, 0120489226,  
0120488270, 0120488269, 0120488137

Servicing: MAN

B+ M6, Terminal W, Grooves 1,

Pulley P, Fan EF

A: 114.00 B: 80.00 mm


**112780** Alternator 14 V, 90 Amp

 Replacing: 0120469940, 0120469937,  
0120469936, 0120469893, 0120469848,  
0120469847, 0120469028

Servicing: BMW, Fiat, Lancia

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

A: 48.75 B: 13.00 C: 82.00 mm


**112784** Alternator 28 V, 45 Amp

 Replacing: 0120489303, 0120489060,  
0120488643

Servicing: Volvo, Volvo Penta

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

B: 50.00 mm


**112793#** Alternator 14 V, 70 Amp

Replacing: 0123110004

Servicing: Citroen, Fiat, Lancia, Peugeot

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

A: 42.00 B: 27.00 C: 72.00 mm


**112798** Alternator 14 V, 90 Amp

 Replacing: 0120469972, 0120469971,  
0120469012, 0120469011, 0120469003,  
0120469002

Servicing: Audi

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

A: 107.00 B: 56.00 mm


**112799** Alternator 14 V, 100 Amp

 Replacing: 0120468119, 0120468085,  
0120468084

Servicing: VW

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

A: 100.00 B: 56.00 mm


**112803** Alternator 28 V, 80 Amp

Replacing: 0120468114, 0120468037

Servicing: Volvo

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

B: 51.00 mm


**112806** Alternator 14 V, 120 Amp

 Replacing: 0123510061, 0123510014,  
0123505009, 0123505007, 0120465023,  
0120465022, 0120465008, 0120465007

Servicing: Audi, Vauxhall, VW

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

A: 30.00 B: 14.10 C: 82.00 mm

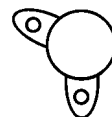

**112810** Alternator 14 V, 65 Amp

 Replacing: 0120488262, 0120488261,  
0120488230

Servicing: Volvo

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

A: 91.00 B: 71.00 mm

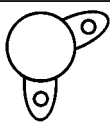

**112812#** Alternator 14 V, 140 Amp

 Replacing: 0120468098, 0120468014,  
0120468013

Servicing: BMW

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

A: 46.00 B: 16.00 C: 80.00 mm



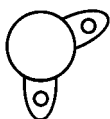
**112813<sup>#</sup>** Alternator 14 V, 65 Amp

Replacing: 0120488231, 0120488229, 0120488130

Servicing: Volvo

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

A: 93.80 B: 71.00 mm



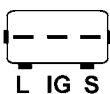
**112815<sup>#</sup>** Alternator 14 V, 80 Amp

Replacing: 0120469993, 0120469992

Servicing: Volvo

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

A: 93.60 B: 71.00 mm



**112860** Alternator 14 V, 80 Amp

Replacing: 0123325014, 0123325012, 0123325002

Servicing: GEO, Toyota

B+ M6, Grooves 5, Pulley SP, Fan EF  
Replacing: CS121.

A: 52.00 B: 28.00 C: 42.00 mm



**113186** Alternator 28 V, 55 Amp

Replacing: 0120469032

Servicing: Volvo

B+ M8, Terminal W, Pulley w/o, Fan EF  
Heavy duty type: HC-CARGO 113850 (80 A)..

B: 13.80 C: 83.00 mm



**113187** Alternator 14 V, 85 Amp

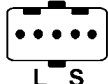
Replacing: 0120484009

Servicing: Citroen, Ferrari, Fiat, Lancia

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

B: 17.00 C: 70.10 mm

W 15DFM



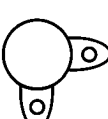
**113188** Alternator 28 V, 70 Amp

Replacing: 0124555005

Servicing: Iveco

B+ M8, Terminal W, Pulley w/o, Fan IF  
Alternative no.: 115484

B: 14.10 C: 80.90 mm



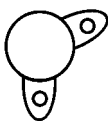
**113252** Alternator 14 V, 140 Amp

Replacing: 0124525089, 0124525010

Servicing: Audi, VW

B+ M8, Pulley w/o, Fan IF

B: 14.50 C: 61.50 mm



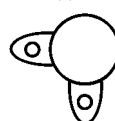
**113264<sup>#</sup>** Alternator 14 V, 140 Amp

Replacing: 0124525022, 0124525012

Servicing: Holden, Opel, Vauxhall

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

A: 51.00 B: 33.60 C: 57.30 mm



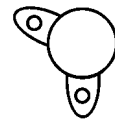
**113272** Alternator 14 V, 140 Amp

Replacing: 0124525029, 0124525014, 0124525001

Servicing: Volvo

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

A: 44.00 B: 20.00 C: 82.00 mm



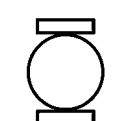
**113273** Alternator 14 V, 140 Amp

Replacing: 0124525016

Servicing: Saab

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

A: 118.40 B: 56.00 mm



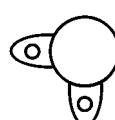
**113274** Alternator 14 V, 200 Amp

Replacing: 0124625002

Servicing: Mercedes-Benz

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

A: 31.00 B: 93.35 C: 35.35 mm



**113275** Alternator 14 V, 120 Amp

Replacing: 0124515022

Servicing: Audi, Seat, Skoda, VW

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

A: 38.90 B: 14.25 C: 61.35 mm

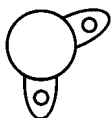
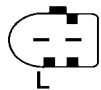

**113279** Alternator 14 V, 110 Amp

Replacing: 0124325053

Servicing: Fiat, Iveco

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

A: 40.25 B: 13.90 C: 81.25 mm


**113280** Alternator 14 V, 90 Amp

Replacing: 0124325052, 0124320002

Servicing: Renault V.I.

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

A: 46.75 B: 13.70 C: 81.10 mm

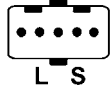

**113283** Alternator 14 V, 120 Amp

Replacing: 0124515034, 0124515027, 0124515024

Servicing: Audi, Skoda, VW

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

A: 34.25 B: 14.00 C: 82.00 mm

**W 15DFM**

**113284** Alternator 28 V, 100 Amp

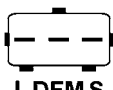
Replacing: 0124655039, 0124655037, 0124655036, 0124655003, 0124555041, 0124555040, 0124555003

Servicing: DAF, Peugeot

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

Alternative no.: 115491

B: 80.50 mm

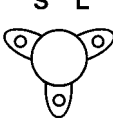
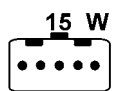

**113285** Alternator 14 V, 75 Amp

Replacing: B120416351, 0124315100, 0124315027, 0124315019

Servicing: Ford

 B+ M6, Grooves 7, Pulley SP/FW, Fan IF  
 With single pulley: HC-CARGO 113544.

A: 38.60 B: 55.25 C: 74.50 mm

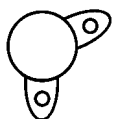

**113289** Alternator 28 V, 90 Amp

Replacing: 0123525501

Servicing: MAN, Neoplan

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

B: 80.20 mm

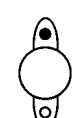
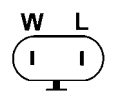

**113290#** Alternator 14 V, 95 Amp

Replacing: 0120484024, 0120484022

Servicing: Fendt

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

B: 80.00 mm

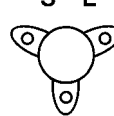
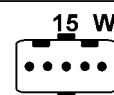

**113291** Alternator 14 V, 55 Amp

Replacing: 9120334641, 6033GB4009

Servicing: Nissan

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

A: 39.30 B: 13.40 C: 80.00 mm

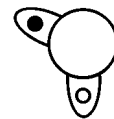

**113295** Alternator 28 V, 55 Amp

Replacing: 0123325500

Servicing: MAN

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

B: 80.25 mm

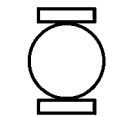
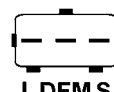

**113296** Alternator 14 V, 80 Amp

Replacing: 0124315029, 0124315024, 0124315016

Servicing: Toyota

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

A: 33.45 B: 17.85 C: 40.00 mm

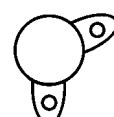

**113298** Alternator 14 V, 105 Amp

Replacing: 0124415032, 0124415030, 0124415016

Servicing: Ford

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

A: 40.00 B: 56.00 C: 75.00 mm


**113300** Alternator 14 V, 120 Amp

Replacing: 0124515046

Servicing: Mercedes-Benz

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

A: 92.00 B: 56.00 mm



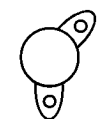
**113301** Alternator 14 V, 90 Amp

Replacing: 0124325045, 0124325040

Servicing: Mercedes-Benz

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

A: 91.50 B: 56.00 mm



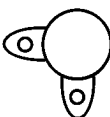
**113302** Alternator 14 V, 120 Amp

Replacing: 0124515132, 0124515056

Servicing: Mercedes-Benz

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

A: 82.00 B: 56.00 mm



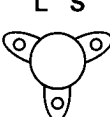
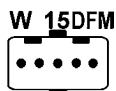
**113340** Alternator 14 V, 70 Amp

Replacing: 0124315032, 0124315001

Servicing: Audi, Seat, Skoda, VW

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

A: 39.00 B: 14.00 C: 62.00 mm



**113351** Alternator 28 V, 100 Amp

Replacing: 0124655097, 0124655023,

0124655016, 0124655004, 0124655002,

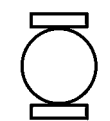
0124655001, 0124555065, 0124555032

Servicing: Mercedes-Benz

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

Alternative no.: 115497

B: 80.00 mm



**113352** Alternator 14 V, 120 Amp

Replacing: 0124515095, 0124515033,

0124425056, 0124425053, 0124425019,

0124425004, 0124415026, 0124415025

Servicing: Holden, Opel, Saab, Vauxhall

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

A: 33.00 B: 79.50 C: 57.00 mm



**113376** Alternator 14 V, 55 Amp

Replacing: 0120489769, 0120489768,

0120489636, 0120489635, 0120489626,

0120489625, 0120489586, 0120489585

Servicing: Bedford, Lancia, Opel, Vauxhall

B+ M6, Terminal W, Grooves 1,

Pulley P, Fan EF

A: 76.60 B: 56.20 mm



**113442** Alternator 14 V, 90 Amp

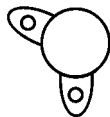
Replacing: 0123320062, 0123320047

Servicing: Mercedes-Benz

B+ M8, Terminal W, Grooves 6,

Pulley SP/FW, Fan IF

A: 82.00 B: 56.00 mm



**113447** Alternator 14 V, 70 Amp

Replacing: 0123310054, 0123310050,

0123310023

Servicing: Ford, Mazda

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

A: 33.00 B: 13.90 C: 80.20 mm



**113448** Alternator 28 V, 100 Amp

Replacing: 6033GB3083, 6033GB3023,

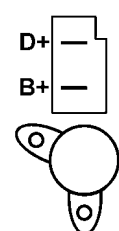
6033GB3010, 0120501151, 0120468145,

0120468143

Servicing: Mercedes-Benz

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

B: 80.00 mm



**113469** Alternator 14 V, 33 Amp

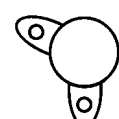
Replacing: 0120339526

Servicing: Marshall, Steyr

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

*Dust proof.*

A: 75.50 B: 55.90 mm



**113470** Alternator 28 V, 35 Amp

Replacing: 0120488283, 0120488234,

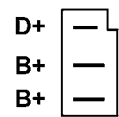
0120488153

Servicing: Iveco, KHD, Liebherr

B+ M6, Terminal W, Grooves 1,

Pulley P, Fan w/o

A: 77.00 B: 55.80 mm



**113474** Alternator 14 V, 65 Amp

Replacing: 9124476014

Servicing: Austin, Landini, Massey Ferguson,

Rover

B+ Plug, Terminal W, Grooves 1,

Pulley P, Fan EF

A: 35.90 B: 11.00 C: 82.55 mm


**113485** Alternator 14 V, 80 Amp

Replacing: 0123310010

Servicing: Citroen, Fiat, Lancia, Peugeot, Suzuki

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

A: 92.00 B: 56.00 mm

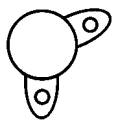

**113486** Alternator 14 V, 90 Amp

Replacing: 0123320058, 0123320035

Servicing: Mercedes-Benz

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

A: 91.85 B: 56.00 mm


**113488#** Alternator 28 V, 140 Amp

Replacing: 0120689572, 0120689546, 0120689542, 0120689523

Servicing: DAF

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

B: 15.50 C: 180.00 mm


**113489** Alternator 14 V, 150 Amp

Replacing: 0123520017, 0123520013, 0123520012, 0123520011, 0123520006

Servicing: Mercedes-Benz

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

A: 82.30 B: 56.00 mm


**113510** Alternator 14 V, 140 Amp

Replacing: 0124615007, 0124525520, 0124525087, 0124525008

Servicing: Audi, Skoda, VW

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

A: 30.00 B: 14.10 C: 82.00 mm

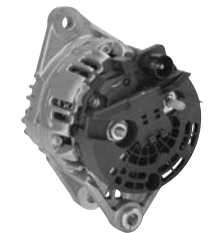

**113531** Alternator 14 V, 120 Amp

Replacing: F005A00025, 9120060042, 1020484017, 0120484019, 0120484017, 0120484012

Servicing: John Deere

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

B: 56.20 mm

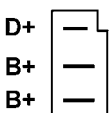

**113536** Alternator 14 V, 90 Amp

Replacing: 0124325148, 0124325060

Servicing: Alfa Romeo

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

A: 44.50 B: 16.90 C: 54.30 mm

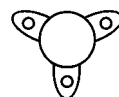

**113574** Alternator 14 V, 65 Amp

Replacing: 0120489959, 0120489958

Servicing: Case, New Holland, Valtra

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

A: 36.85 B: 10.40 C: 83.00 mm


**113611** Alternator 14 V, 90 Amp

Replacing: 0120469895, 0120469687, 0120469540, 0120469526, 0120469506, 0120469013

Servicing: Claas, Mercedes-Benz

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

B: 81.30 mm

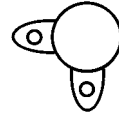

**113632** Alternator 14 V, 85 Amp

Replacing: 012060040, 0120489317, 0120489156, 0120488217, 0120484020, 0120484016, 0120484003, 0120484002

Servicing: John Deere, Lada

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

B: 56.10 mm

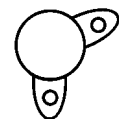

**113640** Alternator 14 V, 150 Amp

Replacing: 0124525035

Servicing: Citroen, Fiat, Lancia, Peugeot

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

A: 43.00 B: 21.20 C: 45.80 mm

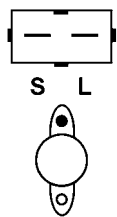

**113707** Alternator 14 V, 200 Amp

Replacing: 0124625031

Servicing: John Deere, Various Industrial applications

B+ M8, Pulley w/o, Fan IF

B: 56.00 mm



**113716** Alternator 14 V, 120 Amp

Replacing: F005A00020, 9120060038, 9120060028, 9120060023, 0120488296, 0120484049, 0120484028

Servicing: Thermo King, Yanmar  
B+ M6, Terminal W, Pulley w/o, Fan EF  
B: 51.00 mm



**113722** Alternator 14 V, 90 Amp

Replacing: 0124225063

Servicing: Alfa Romeo, Fiat, Lancia, Opel, Suzuki, Vauxhall

B+ M8, Grooves 6, Pulley SP/FW, Fan IF  
A: 40.20 B: 64.15 C: 56.00 mm



**113751** Alternator 14 V, 120 Amp

Replacing: 0124515058, 0124515040, 0124515028

Servicing: Audi, VW

B+ M8, Grooves 6, Pulley SP, Fan IF  
A: 30.00 B: 14.00 C: 82.00 mm



**113754** Alternator 14 V, 120 Amp

Replacing: B120516076, 0124515068, 0124515038, 0124515021, 0124515020, 0124515013

Servicing: Volvo, VW

B+ M8, Grooves 6, Pulley SP, Fan IF  
A: 39.00 B: 14.10 C: 61.20 mm



**113755** Alternator 14 V, 150 Amp

Replacing: 0124525034

Servicing: Citroen, Fiat, Lancia, Peugeot, Suzuki, Toyota

B+ M8, Grooves 6, Pulley SP, Fan IF  
A: 43.00 B: 21.00 C: 45.10 mm



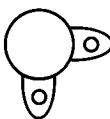
**113758** Alternator 14 V, 120 Amp

Replacing: 0123515024, 0123515012, 0123510028, 0120468109

Servicing: Audi, Skoda, VW

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

A: 30.00 B: 13.90 C: 81.70 mm



**113770** Alternator 14 V, 120 Amp

Replacing: 0123515003

Servicing: Audi, VW

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

A: 29.00 B: 14.00 C: 60.60 mm



**113786** Alternator 14 V, 90 Amp

Replacing: 9120335002, 6033GB5009, 6033GB5007

Servicing: Nissan

B+ M6, Grooves 2, Pulley DP, Fan IF  
A: 41.50 B: 13.20 C: 80.70 mm



**113831**# Alternator 14 V, 70 Amp

Replacing: 0123310006

Servicing: BMW

B+ M8, Grooves 6, Pulley SP, Fan IF  
A: 47.00 B: 24.00 C: 73.60 mm



**113832** Alternator 14 V, 90 Amp

Replacing: 0124325010, 0123315018, 0123315017, 0123315015, 0123315008

Servicing: Mitsubishi

B+ M8, Grooves 4, Pulley SP  
A: 46.00 C: 65.00 mm



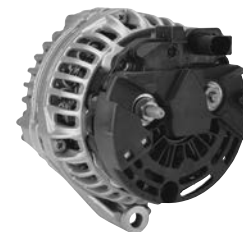
**113833** Alternator 14 V, 90 Amp

Replacing: 0123320067, 0123320050

Servicing: Ford

B+ M8, Terminal DF, Grooves 6, Pulley SP, Fan IF  
DF M5.

A: 33.00 B: 13.80 C: 78.60 mm



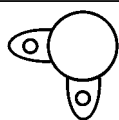
**113835** Alternator 14 V, 120 Amp

Replacing: 0124515131, 0124515055

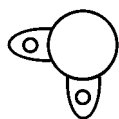
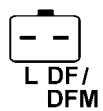
Servicing: Mercedes-Benz

B+ M8, Grooves 6, Pulley SP, Fan IF  
A: 82.40 B: 56.00 mm





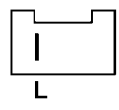
**113836** Alternator 14 V, 120 Amp  
 Replacing: 0124515090, 0124515087  
 Servicing: Alfa Romeo  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 29.50 B: 14.50 C: 59.00 mm



**113837** Alternator 14 V, 150 Amp  
 Replacing: 0124525533, 0124525141,  
 0124525133, 0124525084, 0124525044  
 Servicing: Nissan, Opel, Renault, Vauxhall  
 B+ M8x1.25/15.00, Grooves 7, Pulley SP  
 A: 33.00 B: 14.30 C: 60.00 mm



**113838**<sup>#</sup> Alternator 14 V, 55 Amp  
 Replacing: 0120489337, 0120489336,  
 0120489335, 0120489334  
 Servicing: Alfa Romeo, Iveco  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 Pulley width: 9.50 mm.  
 A: 49.00 B: 17.20 C: 69.80 mm

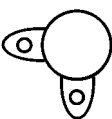
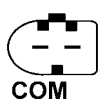


**113839**<sup>#</sup> Alternator 14 V, 70 Amp  
 Replacing: 0120489490, 0120488142  
 Servicing: Volvo  
 B+ M6, Terminal W, Grooves 3,  
 Pulley SP  
 A: 46.50 B: 27.00 C: 70.00 mm

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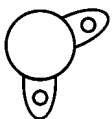
**113848**<sup>#</sup> Alternator 14 V, 120 Amp  
 Replacing: 0123510095, 0123510048  
 Servicing: Alfa Romeo, Lancia  
 B+ M8, Grooves 6, Pulley SP  
 A: 39.00 C: 60.00 mm



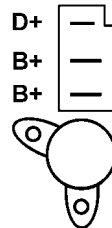
**113858** Alternator 14 V, 150 Amp  
 Replacing: 12377541696, 0124525080,  
 0124525026  
 Servicing: BMW  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 69.00 B: 28.00 C: 77.00 mm



**113864**<sup>#</sup> Alternator 14 V, 90 Amp  
 Replacing: 0120469919, 0120469918,  
 0120469914, 0120469913  
 Servicing: BMW  
 B+ M8, Pulley w/o, Fan w/o  
 B: 16.00 C: 79.85 mm



**113865**<sup>#</sup> Alternator 14 V, 90 Amp  
 Replacing: 0123545002, 0123500005,  
 0123213007, 0120465018  
 Servicing: BMW, Volvo  
 B+ M8, Grooves 2, Pulley DP, Fan IF  
 A: 92.50 B: 71.00 mm



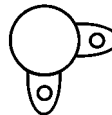
**113866**<sup>#</sup> Alternator 14 V, 55 Amp  
 Replacing: 0120489333, 0120489331  
 Servicing: Mercedes-Benz  
 B+ Plug, Grooves 6, Pulley SP, Fan EF  
 A: 91.85 B: 56.20 mm



**113867** Alternator 14 V, 120 Amp  
 Replacing: 0123510088, 0123510033,  
 0123510015, 0123505008  
 Servicing: Audi  
 B+ M8, Pulley w/o, Fan IF  
 B: 14.00 C: 81.60 mm



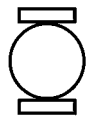
**113869**<sup>#</sup> Alternator 14 V, 115 Amp  
 Replacing: 0123510102, 0123510058,  
 0123510044  
 Servicing: Mercedes-Benz  
 B+ M8, Grooves 6, Pulley SP/FW, Fan IF  
 A: 82.00 B: 56.00 mm



**113870** Alternator 14 V, 70 Amp  
 Replacing: 0124315007  
 Servicing: Seat, Skoda, VW  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 38.80 B: 14.00 C: 60.95 mm



COM



**113871** Alternator 14 V, 150 Amp

Replacing: 0124525059, 0124525045, 0124525042, 0124515098, 0124325072, 0124325062

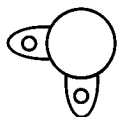
Servicing: BMW, Porsche

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

A: 29.60 B: 62.85 C: 41.65 mm



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**113873#** Alternator 14 V, 70 Amp

Replacing: 0124315013

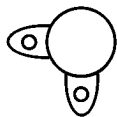
Servicing: Seat, Skoda, VW

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

A: 39.00 B: 13.75 C: 61.00 mm



L DFM



**113874** Alternator 14 V, 110 Amp

Replacing: 0124325160, 0124325127, 0124325125, 0124325090, 0124325081, 0124325056

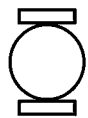
Servicing: Seat, Skoda, VW

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

A: 39.30 B: 14.15 C: 61.15 mm



COM DFM



**113877** Alternator 14 V, 120 Amp

Replacing: 0124515088

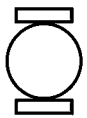
Servicing: Mercedes-Benz

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

A: 30.50 B: 69.90 C: 56.55 mm



L DFM



**113878** Alternator 14 V, 120 Amp

Replacing: 0124515059, 0124515053

Servicing: Audi, BMW

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

A: 28.00 B: 70.00 C: 56.00 mm



**113879** Alternator 14 V, 100 Amp

Replacing: 0124415005, 0124225023, 0124225004

Servicing: Opel, Vauxhall

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

A: 50.50 B: 33.50 C: 57.00 mm



L DFM



**113882** Alternator 14 V, 120 Amp

Replacing: 0124515025

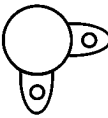
Servicing: Audi, VW

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

A: 34.40 B: 14.00 C: 82.60 mm



L DFM



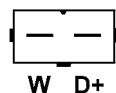
**113884** Alternator 14 V, 150 Amp

Replacing: 0124615040, 0124615038, 0124615017, 0124615006, 0124525128, 0124525098

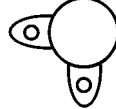
Servicing: Ford, Jeep, Mitsubishi, Seat, VW

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

A: 39.00 B: 14.35 C: 59.00 mm



W D+



**113885** Alternator 14 V, 150 Amp

Replacing: 0123520002

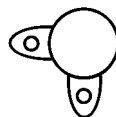
Servicing: Audi, Ford, Mercedes-Benz, Seat, VW

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

A: 42.85 B: 14.15 C: 61.00 mm



L DFM



**113887** Alternator 14 V, 90 Amp

Replacing: 0124325074, 0124325070, 0124325011

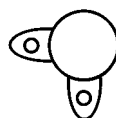
Servicing: Audi

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

A: 40.00 B: 14.00 C: 61.00 mm



L DFM



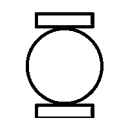
**113888** Alternator 14 V, 90 Amp

Replacing: 0124325097, 0124325035, 0124325022, 0124325021

Servicing: VW

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

A: 39.00 B: 14.00 C: 59.00 mm



**113889** Alternator 14 V, 90 Amp

Replacing: 0124325105, 0124325093, 0124325046, 0124325039, 0123320065, 0123320051

Servicing: Mercedes-Benz

B+ M8, Terminal W, Pulley w/o, Fan IF  
As HC-CARGO 114792, but without pulley

B: 70.00 C: 56.50 mm



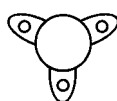
**113895** Alternator 28 V, 80 Amp  
 Replacing: 6033GB3045  
 Servicing: Various Industrial applications  
 B+ M8, Terminal W, Pulley w/o, Fan EF  
 B: 56.00 mm



**113899** Alternator 14 V, 150 Amp  
 Replacing: 0124615029, 0123515502  
 Servicing: John Deere  
 B+ M8, Terminal W, Grooves 8, Pulley SP, Fan IF  
 A: 86.00 B: 56.00 mm



**113913** Alternator 14 V, 124 Amp  
 Replacing: 0124325100  
 Servicing: Ford  
 B+ M6, Grooves 7, Pulley SP/FW, Fan IF  
 A: 40.00 B: 55.00 C: 74.00 mm



**113920** Alternator 28 V, 35 Amp  
 Replacing: 0120488291, 0120488278, 0120488277, 0120488256, 0120400728  
 Servicing: MAN, Mercedes-Benz, Padane  
 B+ M8, Terminal W, Pulley w/o, Fan w/o  
 B: 80.40 mm



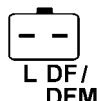
**113923** Alternator 28 V, 90 Amp  
 Replacing: 0123525503, 0123525500  
 Servicing: Iveco  
 B+ M8, Grooves 10, Pulley SP, Fan IF, Not Insulated return  
 A: 90.00 B: 58.10 mm



**113942** Alternator 14 V, 100 Amp  
 Replacing: 0124415015  
 Servicing: Alfa Romeo, Fiat, Lancia  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 43.60 B: 22.60 C: 54.27 mm



**113944** Alternator 14 V, 200 Amp  
 Replacing: 0124625019  
 Servicing: Mercedes-Benz  
 B+ M8, Pulley w/o, Fan IF  
 B: 93.00 mm



**113945** Alternator 14 V, 150 Amp  
 Replacing: 0124525028  
 Servicing: Renault  
 B+ M8, Pulley w/o, Fan IF  
 B: 14.00 C: 60.00 mm



**113947** Alternator 14 V, 180 Amp  
 Replacing: 0124625018, 0124615031, 0121715004, 0121615029, 0121615013  
 Servicing: VW  
 B+ M8, Pulley w/o, Fan IF  
 B: 14.50 C: 61.00 mm



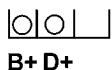
**113949** Alternator 14 V, 150 Amp  
 Replacing: 0123515503, 0123515501, 0123515500  
 Servicing: Claas, John Deere  
 B+ M8, Terminal W, Pulley w/o, Fan IF  
 B: 56.00 mm



**113951** Alternator 14 V, 200 Amp  
 Replacing: 0124625006  
 Servicing: Mercedes-Benz  
 B+ M8, Pulley w/o, Fan IF  
 B: 70.00 C: 56.00 mm



**113953** Alternator 14 V, 200 Amp  
 Replacing: 0124625045, 0124625014  
 Servicing: Mercedes-Benz  
 B+ M8, Pulley w/o, Fan IF  
 B: 93.20 C: 55.50 mm



B+ D+



**113955** Alternator 14 V, 105 Amp

Replacing: 0124425100  
 Servicing: Fiat, Opel, Vauxhall  
 B+ M8, Pulley w/o, Fan IF  
 B: 61.00 mm



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**113958** Alternator 14 V, 150 Amp

Replacing: 0125711059, 0125711017,  
 0121615002  
 Servicing: Citroen, Fiat, Ford, Peugeot  
 B+ M8, Pulley w/o, Fan IF  
 Alternative no.: 115499   
 B: 92.80 C: 74.00 mm

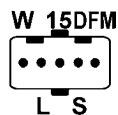


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**113992** Alternator 14 V, 140 Amp

Replacing: 0124525525, 0124525102,  
 0124525092, 0124525091, 0124525067,  
 0124525066, 0124525050, 0124525039  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Pulley w/o, Fan IF  
 As HC-CARGO 114794, but without pulley  
 B: 14.60 C: 61.30 mm

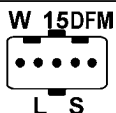


L S



**113998** Alternator 28 V, 110 Amp

Replacing: 0124655011, 0124655009  
 Servicing: MAN  
 B+ M8, Terminal W, Pulley w/o, Fan IF  
 Alternative no.: 115492   
 B: 79.50 mm



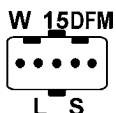
L S

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**114007\*** Alternator 28 V, 80 Amp

Replacing: 0124555013  
 Servicing: MAN  
 Pulley w/o, Fan IF  
 Alternative no.: 115486



L S

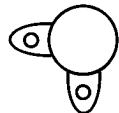


**114008** Alternator 28 V, 80 Amp

Replacing: 0124555014  
 Servicing: MAN  
 B+ M8, Pulley w/o, Fan IF, Not Insulated  
 return  
 B: 80.00 mm



L DFM

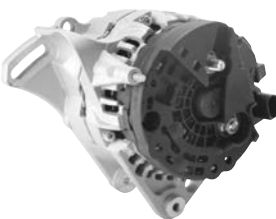


**114019** Alternator 14 V, 110 Amp

Replacing: 0124325178  
 Servicing: LDV  
 B+ M8, Grooves 6, Pulley SP/FW, Fan IF  
 A: 39.00 B: 14.00 C: 61.10 mm

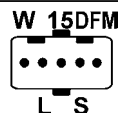


L DFM



**114027** Alternator 14 V, 110 Amp

Replacing: 0124325051  
 Servicing: VW  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 39.00 B: 14.00 C: 61.00 mm

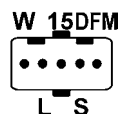


L S



**114028** Alternator 28 V, 80 Amp

Replacing: 0124555008  
 Servicing: Scania  
 B+ M8, Terminal W, Grooves 8,  
 Pulley SP, Fan IF, Not Insulated return  
 Alternative no.: 115493   
 A: 18.50 B: 85.00 C: 35.50 mm



L S



**114036** Alternator 28 V, 100 Amp

Replacing: 0124655006, 0124555006  
 Servicing: DAF  
 B+ M8, Grooves 8, Pulley SP, Fan IF  
 A: 37.00 B: 14.00 C: 80.00 mm



L DFM



**114040** Alternator 14 V, 85 Amp

Replacing: 0124225037, 0124225020  
 Servicing: Smart (MCC)  
 B+ M6, Grooves 5, Pulley SP, Fan IF,  
 Not Insulated return  
 A: 90.00 B: 58.00 mm



L DFM



**114064** Alternator 14 V, 150 Amp

Replacing: 0121615003  
 Servicing: Ford, Land Rover  
 B+ M8, Pulley w/o  
 B: 93.00 C: 74.00 mm

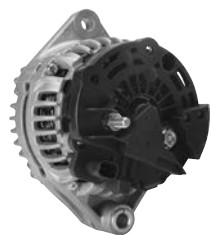

**114076** Alternator 14 V, 120 Amp

Replacing: 0124425026

Servicing: Opel, Vauxhall

 B+ M8, Grooves 5, Pulley SP, Fan IF,  
Not Insulated return

A: 32.00 B: 79.00 C: 56.00 mm


**114088** Alternator 14 V, 140 Amp

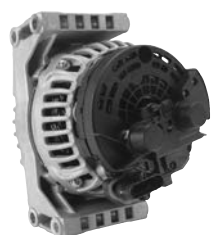
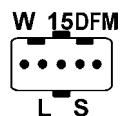
Replacing: 0124425097, 0124425059

Servicing: Opel, Saab, Vauxhall

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

Alternative no.: 115487

A: 112.00 B: 18.80 mm


**114089** Alternator 28 V, 80 Amp

Replacing: 0124555018

Servicing: Bova, DAF, Solaris

Terminal W, Fan IF

Alternative no.: 115495

B: 97.00 C: 41.50 mm


**114109** Alternator 14 V, 180 Amp

Replacing: 0124625028, 0121715003

Servicing: Audi, Seat, Skoda, VW

B+ M8, Pulley w/o, Fan IF

B: 14.50 C: 60.60 mm

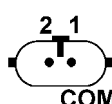

**114122** Alternator 14 V, 150 Amp

 Replacing: 0124525135, 0124525049,  
0124525043

Servicing: Nissan, Opel, Renault, Vauxhall

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

A: 32.50 B: 14.50 C: 60.80 mm


**114131** Alternator 14 V, 90 Amp

 Replacing: 0124325186, 0124325139,  
0124325102

Servicing: Renault

 B+ M8, Grooves 7, Pulley SP, Fan IF,  
Not Insulated return

A: 32.00 B: 14.25 C: 61.00 mm


**114200** Alternator 14 V, 100 Amp

Replacing: 0124325108

Servicing: Mini

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

A: 18.50 B: 81.00 mm

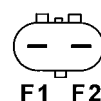

**114202** Alternator 14 V, 100 Amp

Replacing: 0124325172

Servicing: Opel, Saab, Vauxhall

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

A: 112.00 B: 61.00 mm


**114210** Alternator 14 V, 120 Amp

Replacing: 0124515115, 0124515084

Servicing: Jeep

 B+ M8, Pulley w/o, Fan IF  
SP/FW

B: 70.00 C: 56.00 mm

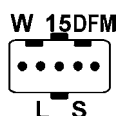

**114211\*** Alternator 14 V, 200 Amp

Replacing: 0124625030, 0124625029

Servicing: John Deere

B+ M8, Pulley w/o, Fan IF

B: 56.00 mm


**114212** Alternator 28 V, 110 Amp

 Replacing: 0124655019, 0124655012,  
0124655008, 0124555028, 0124555027,  
0124555020, 0124555017, 0124555009

Servicing: Renault V.I., Volvo

B+ M8, Pulley w/o, Fan IF

Alternative no.: 115488

B: 17.50 C: 106.00 mm


**114257** Alternator 14 V, 140 Amp

Replacing: 0124525017

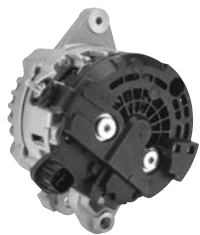
Servicing: Saab

 B+ M8, Pulley w/o, Fan IF,  
Not Insulated return

B: 79.00 C: 55.00 mm

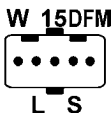
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**114291** Alternator 14 V, 90 Amp

Replacing: 0124225055  
 Servicing: Toyota  
 B+ M6, Pulley w/o, Fan IF  
 B: 16.43 C: 41.24 mm



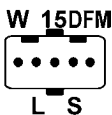
**114296** Alternator 28 V, 90 Amp

Replacing: 0124655005  
 Servicing: Ginaf, Iveco  
 B+ M8, Pulley w/o, Fan IF, Not Insulated return  
 Alternative no.: 115489   
 B: 14.00 C: 81.00 mm



**114311** Alternator 14 V, 90 Amp

Replacing: 0124225051  
 Servicing: Toyota  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 29.60 B: 19.30 C: 37.00 mm



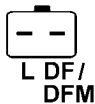
**114314** Alternator 28 V, 110 Amp

Replacing: 0124655014  
 Servicing: Bova, DAF, Solaris  
 B+ M8, Pulley w/o, Fan IF, Not Insulated return  
 B: 97.00 C: 40.00 mm



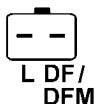
**114322** Alternator 14 V, 140 Amp

Replacing: 0124525114  
 Servicing: Audi  
 Grooves 6, Pulley SP/FW, Fan IF



**114353** Alternator 14 V, 150 Amp

Replacing: 0124525047  
 Servicing: Renault  
 B+ M8, Grooves 6, Pulley SP/FW, Fan IF, Not Insulated return  
 A: 33.00 B: 14.20 C: 60.20 mm



**114354** Alternator 14 V, 150 Amp

Replacing: 0124525140, 0124525082  
 Servicing: Nissan, Renault  
 B+ M8, Grooves 6, Pulley SP/FW  
 A: 33.00 B: 14.00 C: 60.50 mm



**114355** Alternator 28 V, 55 Amp

Replacing: 9120060033  
 Servicing: Various  
 B+ M8, Terminal W, Grooves 2, Pulley DP  
 A: 50.00 B: 20.00 mm



**114365** Alternator 28 V, 140 Amp

Replacing: 0120689553  
 Servicing: Deutz-Fahr, KHD, MAN  
 B+ M8, Terminal W, Pulley w/o, Fan EF  
 B: 15.00 C: 180.00 mm



**114379** Alternator 14 V, 150 Amp

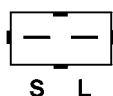
Replacing: 0124615043  
 Servicing: John Deere  
 B+ M8, Pulley w/o, Fan IF, Not Insulated return  
 B: 56.30 mm



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**114392\*** Alternator 14 V, 90 Amp

Replacing: 0124325170, 0124325169  
 Servicing: Mercedes-Benz  
 Fan IF



**114413** Alternator 14 V, 85 Amp

Replacing: 9120484038, 9120060891, 9120060031  
 Servicing: Chevrolet, Holden  
 B+ M8, Terminal W, Grooves 1, Pulley P  
 A: 30.50 B: 58.00 mm



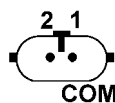
**114431** Alternator 14 V, 120 Amp  
 Replacing: 0124425020, 0124425005  
 Servicing: Alfa Romeo, Fiat, Holden, Opel, Vauxhall  
 B+ M8, Grooves 5, Pulley SP, Fan IF  
 A: 64.70 B: 23.00 C: 57.20 mm



**114452** Alternator 14 V, 150 Amp  
 Replacing: 0123520022  
 Servicing: Land Rover  
 B+ M8, Grooves 7, Pulley SP, Fan IF  
 A: 83.00 B: 56.00 mm



**114453** Alternator 14 V, 180 Amp  
 Replacing: 0124625010  
 Servicing: VW  
 B+ M8, Grooves 6, Pulley SP/FW, Fan IF  
 A: 39.00 B: 14.00 C: 61.00 mm



**114463** Alternator 14 V, 120 Amp  
 Replacing: 0124425071, 0124425037, 0124425029, 0124425013  
 Servicing: Renault  
 B+ M8, Pulley w/o, Fan IF  
 B: 14.00 C: 61.00 mm



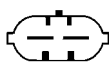
**114466** Alternator 14 V, 55 Amp  
 Replacing: 0124120001  
 Servicing: VM Motori  
 B+ M6, Grooves 2, Pulley DP, Fan IF  
 A: 42.50 B: 18.00 C: 67.50 mm



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**114468** Alternator 14 V, 140 Amp  
 Replacing: 0124525015  
 Servicing: Saab  
 B+ M8x1.25, Grooves 6, Pulley SP, Fan IF  
 A: 51.40 B: 33.50 C: 56.30 mm



DFM L



**114492** Alternator 14 V, 100 Amp  
 Replacing: 0124325171  
 Servicing: Vauxhall  
 B+ M8, Grooves 5, Pulley SP, Fan IF  
 A: 54.00 B: 33.50 C: 57.00 mm



DFM L



**114510** Alternator 14 V, 120 Amp  
 Replacing: 0124425096, 0124425058  
 Servicing: Opel, Vauxhall  
 B+ M8, Pulley w/o, Fan IF  
 B: 61.00 mm



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**114524** Alternator 14 V, 180 Amp  
 Replacing: 0121715012  
 Servicing: BMW  
 B+ M8, Grooves 6, Pulley SP/FW, Fan IF  
 A: 29.50 B: 62.50 C: 41.50 mm

W 15DFM



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**114528\*** Alternator 28 V, 120 Amp  
 Replacing: 0124655025  
 Servicing: MAN, Neoplan, Temsa  
 B+ M8, Pulley w/o, Fan IF  
 Alternative no.: 115496   
 B: 80.00 mm



**114656** Alternator 14 V, 140 Amp  
 Replacing: 0124525040, 0124525030  
 Servicing: Opel, Saab, Vauxhall  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 51.00 B: 34.00 C: 58.00 mm



DFM L



**114658** Alternator 14 V, 140 Amp  
 Replacing: 0124525031  
 Servicing: Opel, Vauxhall  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 51.00 B: 34.00 C: 56.00 mm





**114663** Alternator 14 V, 150 Amp  
 Replacing: 0124615032, 0124615018  
 Servicing: Chrysler  
 B+ M8, Pulley w/o, Fan IF  
 B: 70.00 C: 56.00 mm



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**114666\*** Alternator 14 V, 180 Amp  
 Replacing: 0121715029  
 Servicing: Mercedes-Benz  
 Grooves 6, Pulley SP/FW, Fan IF



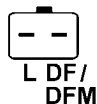
**114668** Alternator 14 V, 100 Amp  
 Replacing: 0124325163  
 Servicing: Opel, Vauxhall  
 B+ M8, Grooves 5, Pulley SP, Fan IF  
 A: 62.00 B: 23.00 C: 57.00 mm



**114681** Alternator 14 V, 90 Amp  
 Replacing: 0124325166  
 Servicing: John Deere  
 B+ M8, Pulley w/o, Fan IF, Not Insulated return  
 B: 56.00 mm



**114697** Alternator 14 V, 180 Amp  
 Replacing: 0121715042  
 Servicing: Skoda, VW  
 B+ M8, Pulley w/o, Fan IF  
 B: 14.00 C: 61.00 mm



**114700** Alternator 14 V, 150 Amp  
 Replacing: 0124525137, 0124525076  
 Servicing: Nissan, Opel, Renault, Vauxhall  
 B+ M8, Pulley w/o, Fan IF  
 B: 14.00 C: 61.60 mm

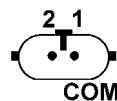


**114701** Alternator 14 V, 120 Amp  
 Replacing: 0124515120, 0124515113, 0124510001  
 Servicing: Renault V.I.  
 B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF  
 A: 47.44 B: 14.00 C: 80.00 mm



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**114705** Alternator 14 V, 140 Amp  
 Replacing: 0124525064, 0124325122  
 Servicing: Citroen, Fiat, Iveco, Mercedes-Benz, Peugeot  
 Pulley w/o, Fan IF  
 Alternative no.: 115490



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**114721\*** Alternator 14 V, 150 Amp  
 Replacing: 0124525534, 0124525139, 0124525081  
 Servicing: Renault  
 Grooves 6, Pulley SP/FW, Fan IF



**114722** Alternator 14 V, 140 Amp  
 Replacing: 0124525088, 0124525009  
 Servicing: Seat, Skoda, VW  
 B+ M8, Grooves 6, Pulley SP/FW, Fan IF  
 A: 29.00 B: 70.00 C: 56.00 mm



**114735** Alternator 14 V, 150 Amp  
 Replacing: 0123520015  
 Servicing: Claas, Fendt, John Deere  
 B+ M8, Terminal W, Fan IF  
 B: 56.00 mm



**114737** Alternator 14 V, 180 Amp  
 Replacing: 0124625007  
 Servicing: Mercedes-Benz  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 82.00 B: 55.80 mm



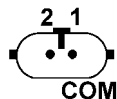
**114765** Alternator 14 V, 140 Amp

Replacing: 0124525020

Servicing: Iveco

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

A: 40.00 C: 80.00 mm



**114768** Alternator 14 V, 120 Amp

Replacing: 0124425074, 0124425018

Servicing: Renault

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

A: 32.50 B: 14.50 C: 61.00 mm



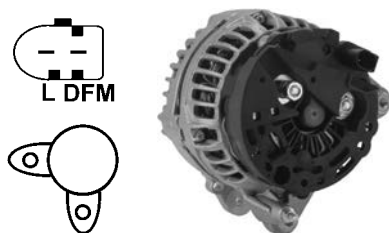
**114769** Alternator 14 V, 110 Amp

Replacing: 0124325128, 0124325095, 0124325044

Servicing: Audi, Seat, Skoda, VW

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

A: 30.00 B: 14.00 C: 61.00 mm



**114797** Alternator 14 V, 120 Amp

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

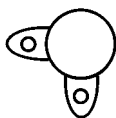
Servicing: Audi, Ford, Seat, Skoda, VW

B+ M8, Terminal W, Grooves 6,

Pulley SP/FW, Fan IF

As HC-CARGO 112002, but with pulley

A: 39.00 B: 14.50 C: 59.00 mm



**114798** Alternator 14 V, 150 Amp

Replacing: 0124615027

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

B+ M8, Grooves 6, Pulley SP/FW, Fan IF  
As HC-CARGO 112461, but with pulley

A: 42.50 B: 22.30 C: 45,20 mm



B+ D+



**114801** Alternator 14 V, 105 Amp

Replacing: 0124425100

Servicing: Fiat, Opel, Vauxhall

B+ M8, Grooves 6, Pulley SP/FW, Fan IF  
As HC-CARGO 113955, but with pulley

A: 112.50 B: 61.00 mm

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**114829\*** Alternator 14 V, 120 Amp

Replacing: 0124425112, 0124425041

Servicing: Alfa Romeo

B+ M8, Grooves 5

A: 32.00 mm



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**114836** Alternator 14 V, 150 Amp

Replacing: 0124615049, 0124615044, 0124615012

Servicing: Mercedes-Benz

B+ M8, Grooves 5.00, Pulley SP, Fan IF

A: 82.00 B: 56.00 mm



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**114844\*** Alternator 14 V, 145 Amp

Replacing: 0124525526, 0124525126

Grooves 6, Pulley SP/FW, Fan IF

mm



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**115306\*** Alternator 14 V, 120 Amp

Replacing: 0124425050

Grooves 5, Pulley SP, Fan IF

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**115318\*** Alternator 14 V, 200 Amp

Replacing: 0124625020

Grooves 6, Pulley SP/FW, Fan IF



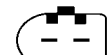
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**115365\*** Alternator 14 V, 150 Amp

Replacing: 0121615028

Grooves 6, Pulley SP/FW, Fan IF



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**115367\*** Alternator 14 V, 140 Amp

Replacing: 0124525226, 0124525113

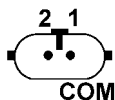
Grooves 6, Pulley SP/FW, Fan IF


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**115370** Alternator 14 V, 110 Amp  
 Replacing: 0124325130, 0124325083  
 Servicing: Audi, Seat, Skoda, VW  
 Grooves 6, Pulley SP/FW, Fan IF


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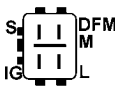
**115374\*** Alternator 12 V, 2.0 kW  
 Replacing: 0124615014  
 Servicing: Mercedes-Benz  
 No./mount. holes 2 (2)


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**115382\*** alternator 14 V, 120 Amp  
 Replacing: 0124425070, 0124425034  
 Servicing: Renault  
 Grooves 6, Pulley SP, Fan IF


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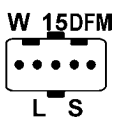
**115383\*** alternator 14 V, 200 Amp  
 Replacing: 0124625022  
 Grooves 6, Pulley SP/FW, Fan IF


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**115416** Alternator 14 V, 100 Amp  
 Replacing: 0124325085, 0124325084  
 Servicing: Toyota  
 B+ M6, Grooves 7, Pulley SP, Fan IF  
 A: 35.00 B: 18.00 C: 45.00 mm


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**115417\*** Alternator 14 V, 150 Amp  
 Replacing: 0121615006  
 Servicing: Ford  
 Grooves 6, Pulley SP/FW, Fan IF



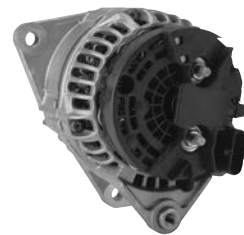
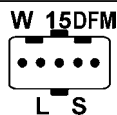
**115481** 5★ Alternator 28 V, 110 Amp  
 Manufacturer: Bosch  
 Servicing: 0124655065  
 B+ M8, Terminal W, Grooves 8, Pulley SP, Fan IF, Not Insulated return  
 A: 37.50 B: 14.00 C: 81.50 mm



**115482** 5★ Alternator 14 V, 90 Amp  
 Manufacturer: Bosch  
 Replacing: Audi, Seat, Skoda, VW  
 Servicing: 0124325003  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 Alternative no.: 111989  
 A: 39.00 B: 14.00 C: 61.00 mm



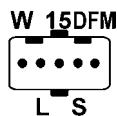
**115483** 5★ Alternator 14 V, 120 Amp  
 Manufacturer: Bosch  
 Replacing: Audi, Ford, Seat, Skoda, VW  
 Servicing: 0124515010  
 B+ M8, Grooves 56.00, Pulley SP/FW, Fan IF, Not Insulated return  
 Alternative no.: 112002  
 A: 39.00 B: 14.50 C: 60.00 mm



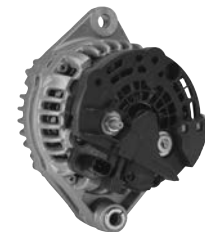
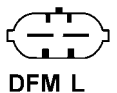
**115484** 5★ Alternator 28 V, 70 Amp  
 Manufacturer: Bosch  
 Replacing: Ginaf, Iveco  
 Servicing: 0124555005  
 B+ M8, Grooves 8, Fan IF  
 Alternative no.: 113188  
 A: 37.00 B: 14.10 C: 80.60 mm



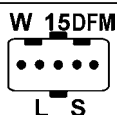
**115485** 5★ Alternator 14 V, 90 Amp  
 Manufacturer: Bosch  
 Replacing: Mercedes-Benz  
 Servicing: 0124325093  
 B+ M8, Grooves 6, Pulley SP/FW, Fan IF  
 Alternative no.: 113889  
 A: 31.00 B: 70.00 C: 56.00 mm



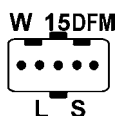
**115486** 5★ Alternator 28 V, 80 Amp  
 Manufacturer: Bosch  
 Replacing: MAN  
 Servicing: 0124555013  
 Alternative no.: 114007



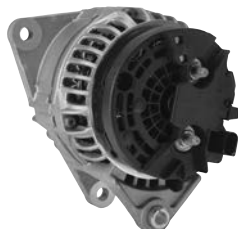
**115487** 5★ Alternator 14 V, 140 Amp  
 Manufacturer: Bosch  
 Replacing: Opel, Saab, Vauxhall  
 Servicing: 0124425097  
 B+ M8, Grooves 6, Pulley SP/FW, Fan IF  
 Alternative no.: 114088  
 A: 112.50 B: 61.50 mm



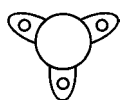
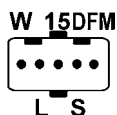
**115488** 5★ Alternator 28 V, 110 Amp  
 Manufacturer: Bosch  
 Replacing: Renault V.I., Volvo  
 Servicing: 0124655012  
 B+ M8, Fan IF  
 Alternative no.: 114212  
 B: 17.50 C: 106.00 mm



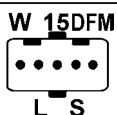
**115489** 5★ Alternator 28 V, 90 Amp  
 Manufacturer: Bosch  
 Replacing: Ginfaf, Iveco  
 Servicing: 0124655005  
 B+ M8, Terminal W, Grooves 8, Fan IF  
 Alternative no.: 114296  
 A: 37.00 B: 14.00 C: 82.00 mm



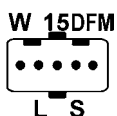
**115490** 5★ Alternator 14 V, 140 Amp  
 Manufacturer: Bosch  
 Replacing: Citroen, Fiat, Iveco, Peugeot  
 Servicing: 0124525064  
 B+ M8, Pulley w/o, Fan IF  
 Alternative no.: 114705  
 B: 14.00 C: 81.00 mm



**115491** 5★ Alternator 28 V, 100 Amp  
 Manufacturer: Bosch  
 Replacing: Bova, DAF, Solaris  
 Servicing: 0124555041  
 B+ M8, Terminal W, Fan IF  
 Alternative no.: 113284  
 B: 80.00 mm



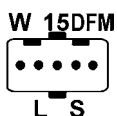
**115492** 5★ Alternator 28 V, 110 Amp  
 Manufacturer: Bosch  
 Replacing: MAN  
 Servicing: 0124655011  
 B+ M8, Terminal W, Pulley w/o, Fan IF  
 Alternative no.: 113998  
 B: 80.00 mm



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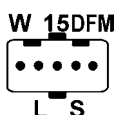
**115493** 5★ Alternator 28 V, 80 Amp  
 Manufacturer: Bosch  
 Replacing: Scania  
 Servicing: 0124555008  
 Alternative no.: 114028



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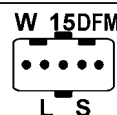
**115494** 5★ Alternator 28 V, 120 Amp  
 Manufacturer: Bosch  
 Replacing: Volvo  
 Servicing: 0124655021  
 B+ M8, Terminal W, Grooves 8, Pulley SP, Fan IF, Not Insulated return  
 Alternative no.: 114078  
 A: 45.00 B: 13.60 C: 107.00 mm



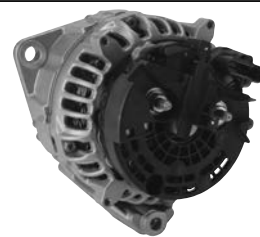
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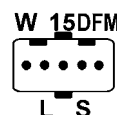
**115495** 5★ Alternator 28 V, 80 Amp  
 Manufacturer: Bosch  
 Replacing: Bova, DAF, Solaris  
 Servicing: 0124555018  
 B+ M8, Grooves 7, Fan IF  
 Alternative no.: 114089  
 A: 56.00 B: 97.00 C: 40.50 mm



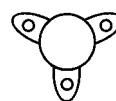
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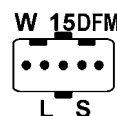
**115496** 5★ Alternator 28 V, 120 Amp  
 Manufacturer: Bosch  
 Replacing: MAN, Neoplan, Temsa  
 Servicing: 0124655025  
 Alternative no.: 114528



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**115497** 5★ Alternator 28 V, 100 Amp  
 Manufacturer: Bosch  
 Replacing: Mercedes-Benz  
 Servicing: 0124555065  
 B+ M8, Terminal W, Fan IF  
 Alternative no.: 113351  
 B: 80.00 mm



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**115498** 5★ Alternator 28 V, 100 Amp  
 Manufacturer: Bosch  
 Replacing: Scania  
 Servicing: 0124655007  
 B+ M8, Terminal W, Grooves 8, Pulley SP, Fan IF  
 Alternative no.: 114753  
 A: 20.00 B: 85.00 C: 35.50 mm



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**115499** 5★ Alternator 14 V, 150 Amp  
 Manufacturer: Bosch  
 Replacing: Citroen, Fiat, Ford, Peugeot  
 Servicing: 0125711059  
 B+ M8, Grooves 58.50, Pulley SP/FW, Fan IF  
 Alternative no.: 113958  
 A: 43.00 B: 97.00 C: 74.00 mm



**111388** Alternator 14 V, 100/105 Amp

Replacing: 390555, 296028

Servicing: Buick, Chevrolet, Oldsmobile, Pontiac

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

Replacing: CS130.

A: 73.00 B: 51.00 mm

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**115319** Alternator 14 V, 45 Amp

Replacing: 825577

Servicing: Briggs & Stratton

Pulley w/o, Fan IF

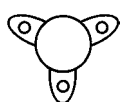
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**110043<sup>#</sup>** Alternator 28 V, 45 Amp  
 Replacing: 858772Z  
 Servicing: Hanomag, Pegaso, Renault V.I., Scania  
 B+ M6, Terminal W, Pulley w/o, Fan w/o  
 B: 80.00 mm



**110077** Alternator 14 V, 50 Amp  
 Replacing: 860150, 858885  
 Servicing: Case, Citroen, Deutz-Fahr, Fendt, Goldoni, Opel, Peugeot, Vauxhall  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 78.50 B: 56.00 mm



**110113** Alternator 28 V, 27 Amp  
 Replacing: 857479, 857475  
 Servicing: Mercedes-Benz  
 B+ M6, Pulley w/o, Fan EF  
 B: 80.00 mm



**110116** Alternator 28 V, 35 Amp  
 Replacing: 860155, 859020, 858773  
 Servicing: DAF, Ford, MAN  
 B+ M8, Terminal W, Pulley w/o, Fan w/o  
 B: 80.00 mm



**110173** Alternator 28 V, 75 Amp  
 Replacing: LNA7524/1, LNA7524, 859866Z  
 Servicing: Clark, DAF  
 B+ M8, Pulley w/o, Fan EF, Insulated return  
 B: 14.50 C: 101.50 mm



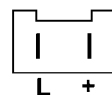
**110175** Alternator 28 V, 100 Amp  
 Replacing: 859490PB  
 Servicing: Volvo Penta  
 B+ M8, Terminal W, Pulley w/o, Fan EF, Insulated return  
 Fan: HC-CARGO 134317. Pulley: HC-CARGO 131176.  
 B: 14.75 C: 103.00 mm



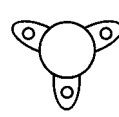
**110176** Alternator 28 V, 175 Amp  
 Replacing: 859477PB, 859477B  
 Servicing: Volvo Penta  
 B+ M8, Terminal W, Pulley w/o, Fan EF, Insulated return  
 Pulley: HC-CARGO 131176.  
 B: 14.75 C: 101.50 mm



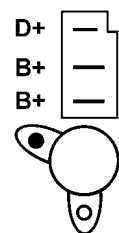
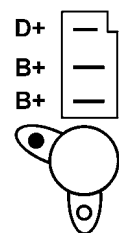
**110643** Alternator 28 V, 40 Amp  
 Replacing: LNA4024/8, LNA4024/0, A4024/15, A302413, A3024/33, A3024/30, A3024/13, 859673, 859385, 857606  
 Servicing: Butec, Various Agriculture Vehicles  
 B+ M6, Terminal W, Pulley w/o, Fan EF  
 B: 75.90 mm



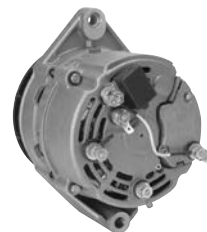
**110889** Alternator 14 V, 75 Amp  
 Replacing: 860140  
 Servicing: Renault, Renault V.I.  
 B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF  
 A: 57.90 B: 26.90 C: 69.00 mm



**110895** Alternator 28 V, 55 Amp  
 Replacing: 859820  
 Servicing: DAF, Kässbohrer, MAN, Mercedes-Benz, Ssangyong  
 B+ M8, Terminal W, Pulley w/o, Fan EF  
 B: 80.00 mm



**110968** Alternator 14 V, 70 Amp  
 Replacing: 858787  
 Servicing: Austin, Case, Dronningborg, Mercedes-Benz, MG, Nissan, Rover, Valtra  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 34-43 B: 11.00 C: 82.00 mm



**111295** Alternator 28 V, 55 Amp  
 Replacing: LNA5524/7, LNA5524/3, LNA5524/2, LNA5524/1, LNA5524/0, A5524/58, A5524/56, A5524/46, A5524/37  
 Servicing: Cummins, Perkins  
 B+ M5, Terminal W, Pulley w/o, Fan EF, Insulated return  
 Shaft dia. 19.00 mm.  
 B: 76.25 mm



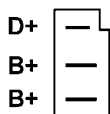
**111296** Alternator 28 V, 55 Amp

Replacing: A5524/49, A5524/39, 858619, 857645, 857623, 857601

Servicing: Various Agriculture Vehicles, Various Industrial applications

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

B: 76.00 mm



**111355** Alternator 14 V, 65 Amp

Replacing: 858776

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

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

A: 37.00 B: 11.50 C: 81.00 mm



**111568** Alternator 14 V, 85 Amp

Replacing: 859023

Servicing: Citroen, Fiat

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

A: 40.50 B: 22.50 C: 82.00 mm



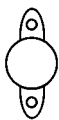
**111629** Alternator 28 V, 120 Amp

Replacing: 860170, 860166

Servicing: MAN, Mercedes-Benz, Setra

B+ M8, Terminal W, Pulley w/o, Fan EF  
B- M8. Shaft 30 mm. Heavy duty type: HC-CARGO 113589. 180 A.

B: 15.00 C: 180.00 mm



**111746** Alternator 28 V, 80 Amp

Replacing: 860551

Servicing: Volvo

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

B: 14.50 C: 100.00 mm



**111808<sup>#</sup>** Alternator 28 V, 120 Amp

Replacing: 880638Z

Servicing: Volvo

B+ M10, Terminal W, Pulley w/o, Fan EF



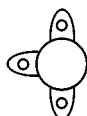
**111834** Alternator 28 V, 55 Amp

Replacing: 858882

Servicing: Scania

B+ M8, Terminal W, Pulley w/o, Fan EF  
Heavy duty type: HC-CARGO 112182 (80 A).

B: 80.00 mm



**111886** Alternator 28 V, 65 Amp

Replacing: 860306

Servicing: Scania

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

B: 23.25 C: 68.70 mm



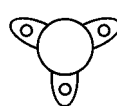
**112076** Alternator 28 V, 80 Amp

Replacing: 860560, 860134

Servicing: Iveco, Renault V.I., Scania

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

B: 27.00 C: 72.10 mm



**112159** Alternator 28 V, 80 Amp

Replacing: 860558, 860151

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

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

B: 80.40 mm



**112343** Alternator 28 V, 140 Amp

Replacing: 860138

Servicing: Renault V.I., Volvo

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

B: 15.30 C: 182.00 mm



**112345** Alternator 28 V, 55 Amp

Replacing: 860135, 858880

Servicing: Volvo

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

B: 51.50 mm





**112493** Alternator 28 V, 65 Amp

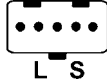
Replacing: 860568

Servicing: Case

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

B: 14.00 C: 100.00 mm

W 15DFM



**114296** Alternator 28 V, 90 Amp

Replacing: 860810

Servicing: Ginaf, Iveco

B+ M8, Pulley w/o, Fan IF, Not Insulated return

B: 14.00 C: 81.00 mm



**112561** Alternator 28 V, 80 Amp

Replacing: 860559

Servicing: Mercedes-Benz

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

B: 80.00 mm



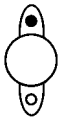
**112803** Alternator 28 V, 80 Amp

Replacing: 860562, 859983

Servicing: Volvo

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

B: 51.00 mm



**113342<sup>#</sup>** Alternator 28 V, 95 Amp

Replacing: 869371, 860323

Servicing: Sabre

B+ M8, Pulley w/o, Fan EF

B: 76.20 mm



**110043<sup>#</sup>** Alternator 28 V, 45 Amp

Replacing: 2998056

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

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

B: 80.00 mm



**110112** Alternator 28 V, 40 Amp

Replacing: 2998054

Servicing: Volvo, Volvo Penta

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

B: 51.00 mm



**110116** Alternator 28 V, 35 Amp

Replacing: 2998055

Servicing: DAF, Ford, MAN

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

B: 80.00 mm



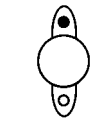
**111295** Alternator 28 V, 55 Amp

Replacing: AC5RS-24, 1268690, 1268660, 1268650, 1268630M, 1268620, 1268610, 1268600M, 1268590M, 1268590C

Servicing: Cummins, Perkins

B+ M5, Terminal W, Pulley w/o, Fan EF, Insulated return  
Shaft dia. 19.00 mm.

B: 76.25 mm



**111578** Alternator 14 V, 60 Amp

Replacing: S11524-18X

Servicing: Honda, Rover

B+ M6, Grooves 3, Pulley SP, Fan IF

A: 89.50 B: 58.25 mm



**111629** Alternator 28 V, 120 Amp

Replacing: 1277640

Servicing: MAN, Mercedes-Benz, Setra

B+ M8, Terminal W, Pulley w/o, Fan EF  
B- M8. Shaft 30 mm. Heavy duty type: HC-CARGO 113589. 180 A.

B: 15.00 C: 180.00 mm



**111808<sup>#</sup>** Alternator 28 V, 120 Amp

Replacing: AC203R11524-12, 1285505

Servicing: Volvo

B+ M10, Terminal W, Pulley w/o, Fan EF



**111833** Alternator 28 V, 140 Amp

Replacing: 1277670

Servicing: Drögmöller, Mercedes-Benz, Setra, Various Agriculture Vehicles

B+ M8, Terminal W, Pulley w/o, Fan EF  
B- M8. Shaft 30 mm. Heavy duty type: HC-CARGO 113589. 180 A.

B: 15.70 C: 182.00 mm



**111842** Alternator 28 V, 140 Amp

Replacing: 1277720, 1277690

Servicing: Ikarus, MAN, Mercedes-Benz, Neoplan

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

B: 15.00 C: 180.00 mm



**112097** Alternator 28 V, 30 Amp

Replacing: 2998230

Servicing: Allis Chalmers, Astra, Fahr, Iveco, Laverda

B+ M6, Grooves 1, Pulley P, Fan w/o

A: 45.00 B: 17.00 C: 63.00 mm



**112343** Alternator 28 V, 140 Amp

Replacing: 1277680

Servicing: Renault V.I., Volvo

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

B: 15.30 C: 182.00 mm



**112392<sup>#</sup>** Alternator 28 V, 140 Amp

Replacing: 1277750, 1277610

Servicing: Various Industrial applications

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

B: 15.50 C: 181.25 mm


**110074** Alternator 14 V, 60 Amp

Replacing: 3000011, 3000010, 2875844, 2642121

 Servicing: Chrysler, Dodge, Plymouth  
 B+ 1/4" UNC, Grooves 2, Pulley DP, Fan IF  
 Regulator: HC-CARGO 130504.

A: 31.00 B: 12.80 C: 60.50 mm


**110236** Alternator 14 V, 60 Amp

Replacing: 3874777, 3856713, 3780589, 3755413, 3656570, 3656459, 3656455, 3656397, 3656395, 3656131, 3656130

 Servicing: Chrysler, Dodge, Plymouth  
 B+ 1/4" UNC, Grooves 2, Pulley DP, Fan IF  
 2 fields. Regulator: HC-CARGO 131280.

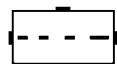
A: 31.50 B: 12.70 C: 59.90 mm


**110514** Alternator 14 V, 78 Amp

Replacing: 5226135, 5213763, 5213762, 5213541, 5213540, 5213079, 5213053, 5206981, 5206971

 Servicing: Chrysler, Dodge, Plymouth  
 B+ M6, Grooves 1, Pulley P, Fan IF  
 Square back. Regulator: HC-CARGO 131280.

A: 32.00 B: 13.00 C: 61.50 mm



P L I S


**110986** Alternator 14 V, 100/105 Amp

Replacing: 53002898

Servicing: Jeep, MG

 B+ M6, Grooves 6, Pulley SP, Fan EF  
 Replacing: CS130.

A: 73.00 B: 50.80 mm


**111193** Alternator 14 V, 90 Amp

Replacing: 56005684, 5234031, 5234027, 5234026, 5233718, 5233416

 Servicing: Chrysler, Dodge, Jeep, Plymouth  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 Regulator: HC-CARGO 131280.

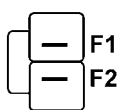
A: 34.00 B: 12.65 C: 54.00 mm


**111194#** Alternator 14 V, 120 Amp

Replacing: 56041394AA, 5234199

 Servicing: Chrysler, Dodge, Jeep, Plymouth  
 B+ M6, Grooves 2, Pulley DP, Fan IF  
 Regulator: HC-CARGO 131280.

A: 38.40 B: 12.00 C: 54.00 mm


 F1  
F2

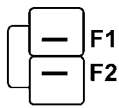
**111529#** Alternator 14 V, 90 Amp

Replacing: 4609320, 4609125, 4609101

Servicing: Chrysler, Dodge

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

A: 34.00 B: 12.00 C: 53.50 mm


 F1  
F2

**111530** Alternator 14 V, 90 Amp

Replacing: 4793190, 4793189, 4686106, 4671041

Servicing: Chrysler, Dodge, Eagle, Mitsubishi, Plymouth

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

A: 33.00 B: 12.30 C: 54.10 mm


**111814** Alternator 14 V, 120 Amp

Replacing: 4727036, 4686021

Servicing: Chrysler

 B+ M6, Grooves 5, Pulley SP, Fan EF  
 Regulator: HC-CARGO 131280.

A: 34.00 B: 12.00 C: 54.00 mm


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

Replacing: 4686019

Servicing: Chrysler

 B+ M6, Terminal W, Grooves 5, Pulley SP, Fan EF  
 Regulator: HC-CARGO 131280.

A: 31.85 B: 12.30 C: 54.00 mm

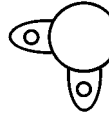

**112195#** Alternator 14 V, 115 Amp

Replacing: 4727206

Servicing: Chrysler, Dodge

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

A: 27.00 B: 14.10 C: 60.60 mm

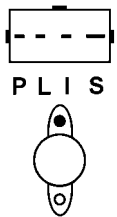

**112420** Alternator 14 V, 115 Amp

Replacing: 38522303

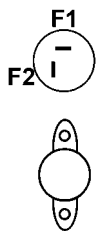
Servicing: Chrysler

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

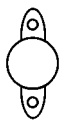
A: 30.30 B: 14.25 C: 61.00 mm



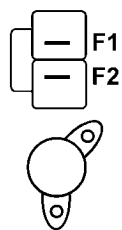
**112447** Alternator 14 V, 105 Amp  
 Replacing: 4609003, 33002941  
 Servicing: Dodge, Eagle  
 B+ M6, Grooves 6, Pulley SP, Fan EF  
 Replacing: CS130.  
 A: 33.00 B: 12.90 C: 81.80 mm



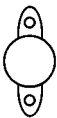
**112583** Alternator 14 V, 90 Amp  
 Replacing: 4727220, 4686098  
 Servicing: Chrysler  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 33.50 B: 12.00 C: 54.00 mm



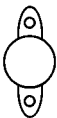
**112833<sup>#</sup>** Alternator 14 V, 90 Amp  
 Replacing: 56027912, 56007912  
 Servicing: Dodge, Jeep  
 B+ M6, Grooves 7, Pulley SP, Fan IF  
 A: 33.00 B: 12.00 C: 54.00 mm



**113027<sup>#</sup>** Alternator 14 V, 130 Amp  
 Replacing: 4609300AC, 4609300, 4609075, 04609300AC  
 Servicing: Chrysler, Dodge, Plymouth  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 35.00 B: 13.00 C: 61.00 mm



**113051** Alternator 14 V, 120 Amp  
 Replacing: 5233608  
 Servicing: Chrysler, Dodge, Plymouth  
 B+ M6, Grooves 4, Pulley SP, Fan IF  
 A: 34.00 B: 12.00 C: 54.00 mm



**113055<sup>#</sup>** Alternator 14 V, 90 Amp  
 Replacing: 5234029  
 Servicing: Chrysler, Dodge, Plymouth  
 B+ M6, Grooves 5, Pulley SP, Fan IF  
 A: 34.00 B: 12.00 C: 54.00 mm



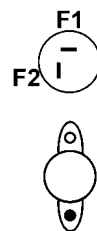
**113056<sup>#</sup>** Alternator 14 V, 90 Amp  
 Replacing: 5234032  
 Servicing: Chrysler, Dodge, Plymouth  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 33.50 B: 12.00 C: 54.00 mm



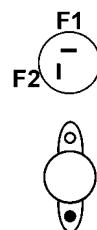
**113058<sup>#</sup>** Alternator 14 V, 120 Amp  
 Replacing: 5234208  
 Servicing: Chrysler, Dodge, Plymouth  
 B+ M6, Grooves 4, Pulley SP, Fan IF  
 A: 33.50 B: 12.00 C: 54.00 mm



**113063** Alternator 14 V, 90 Amp  
 Replacing: 59005685, 56005685AB, 56005685  
 Servicing: Dodge, Jeep  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 34.00 B: 14.30 C: 54.00 mm



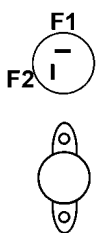
**113067** Alternator 14 V, 90 Amp  
 Replacing: 4609415  
 Servicing: Chrysler, Dodge, Plymouth  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 33.70 B: 22.00 C: 54.00 mm



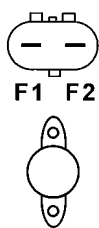
**113069** Alternator 14 V, 125 Amp  
 Replacing: 4671320  
 Servicing: Chrysler  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 33.80 B: 22.30 C: 54.00 mm



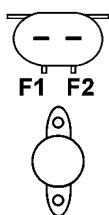
**113071** Alternator 14 V, 136 Amp  
 Replacing: 56027913  
 Servicing: Dodge, Jeep  
 B+ M6, Grooves 7, Pulley SP, Fan IF  
 A: 34.50 B: 12.00 C: 54.00 mm



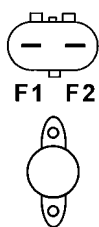
**113235** Alternator 14 V, 130 Amp  
 Replacing: 4727329AA, 4727329A, 4727329,  
 4727325AA, 4727325, 4727221, 4686099,  
 38522264F, 04727325  
 Servicing: Chrysler, Dodge  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 35.50 B: 12.00 C: 54.00 mm



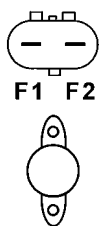
**113358** Alternator 14 V, 117 Amp  
 Replacing: 56041822AA, 56005685AC  
 Servicing: Dodge, Jeep  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 33.20 B: 13.30 C: 54.00 mm



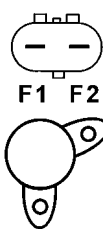
**113360** Alternator 14 V, 85 Amp  
 Replacing: 4793692AB, 4793692  
 Servicing: Chrysler, Dodge  
 B+ M6, Grooves 4, Pulley SP, Fan IF  
 A: 34.00 B: 12.40 C: 54.00 mm



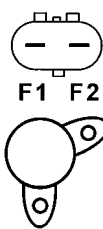
**113362** Alternator 14 V, 136 Amp  
 Replacing: 56027221AB  
 Servicing: Dodge  
 B+ M6, Grooves 8, Pulley SP, Fan IF  
 A: 33.50 B: 13.00 C: 54.00 mm



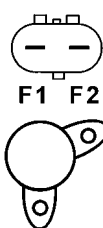
**113364#** Alternator 14 V, 136 Amp  
 Replacing: 56028920AB, 56027913AC,  
 56027913AB  
 Servicing: Dodge  
 B+ M6, Grooves 7, Pulley SP, Fan IF  
 A: 33.50 B: 13.00 C: 54.00 mm



**113365** Alternator 14 V, 120 Amp  
 Replacing: 4609999AB, 4609999  
 Servicing: Chrysler, Dodge  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 26.00 B: 12.00 C: 68.00 mm



**113559** Alternator 14 V, 136 Amp  
 Replacing: 56041324AC, 56041324  
 Servicing: Dodge, Jeep  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 27.00 B: 12.00 C: 68.00 mm



**113607** Alternator 14 V, 136 Amp  
 Replacing: 56041693AC, 56041693AB,  
 56041693AA, 56029700AA, 5170746AA  
 Servicing: Dodge, Jeep  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 27.00 B: 12.00 C: 68.00 mm



**113803** Alternator 14 V, 130 Amp  
 Replacing: 4868430AF, 4868430AE,  
 4868430AD, 4868430AC, 4868430AB,  
 04868430AF, 04868430AE, 04868430AD  
 Servicing: Chrysler, Dodge  
 B+ M8, Grooves 6, Pulley SP/FW, Fan IF  
 A: 50.50 B: 30.00 mm



**113884** Alternator 14 V, 150 Amp  
 Replacing: 5033757AB, 05033757AB,  
 05033757AA  
 Servicing: Ford, Jeep, Mitsubishi, Seat, VW  
 B+ M8, Grooves 6, Pulley SP/FW, Fan IF  
 A: 39.00 B: 14.35 C: 59.00 mm



**NEW PRODUCT**  
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**114011** Alternator 14 V, 160 Amp  
 Replacing: 4868429AD, 4868429AC,  
 4868429AB, 04868429AD, 04868429AC,  
 04868429AB  
 Servicing: Chrysler  
 B+ M8, Grooves 6, Pulley SP/FW, Fan IF  
 A: 46.00 B: 14.00 C: 60.00 mm



**114042** Alternator 14 V, 180 Amp  
 Replacing: 04801250AD, 04801250AC,  
 04801250AB, 04801250AA  
 Servicing: Jeep, Mercedes-Benz  
 B+ M8, Grooves 7, Pulley SP/FW, Fan IF  
 Can also be supplied w/ 1 plug (PLUG125).  
 A: 31.00 B: 70.00 mm



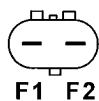
**114210** Alternator 14 V, 120 Amp

Replacing: 5073920AC, 5073920AB, 5073920AA, 05073920AC, 05073920AB, 05073920AA

Servicing: Jeep

B+ M8, Pulley w/o, Fan IF  
SP/FW

B: 70.00 C: 56.00 mm



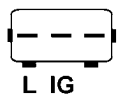
**114243** Alternator 14 V, 130 Amp

Replacing: 38522276F, 38522276

Servicing: Jeep

B+ M6, Grooves 8, Pulley SP, Fan IF,  
Not Insulated return

A: 28.00 B: 12.15 C: 68.00 mm



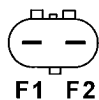
**114300** Alternator 14 V, 120 Amp

Replacing: 38522267F

Servicing: Land Rover

B+ M8x1.25, Grooves 7, Pulley SP,  
Fan IF

A: 143.00 B: 69.70 mm



**114377** Alternator 14 V, 110 Amp

Replacing: 56041578AE, 56041578AD

Servicing: Jeep

Grooves 6, Pulley SP/FW, Fan IF

A: 28.00 C: 68.00 mm



**114511** Alternator 14 V, 120 Amp

Replacing: 4606755AC, 04606755AC

Servicing: Chrysler, Dodge

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

A: 22.50 B: 69.30 C: 86.00 mm



**114663** Alternator 14 V, 150 Amp

Replacing: 5080464AB, 05080464AD,  
05080464AB

Servicing: Chrysler

B+ M8, Pulley w/o, Fan IF

B: 70.00 C: 56.00 mm



**114828** Alternator 14 V, 90 Amp

Replacing: 4864441, 38522255F, 38522237F

Servicing: Jeep

B+ M6, Grooves 8

A: 142.00 B: 19.70 mm


**S I L P**

**112165** Alternator 14 V, 75 Amp

Replacing: 461

Servicing: Renault

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

A: 46.70 B: 27.00 C: 66.50 mm


**L DFM**

**113771** Alternator 14 V, 190 Amp

Replacing: 10480407, 10480403

Servicing: Mercedes-Benz, VW

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

A: 30.50 B: 93.45 C: 56.75 mm


**L DFM**

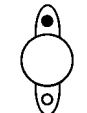
**113772** Alternator 14 V, 190 Amp

Replacing: 10480408, 10480404

Servicing: Mercedes-Benz

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

A: 31.00 B: 93.50 C: 56.00 mm


**L IG/R**

**114114** Alternator 14 V, 65 Amp

 Replacing: 96380673, 219292, 219235,  
 219170

Servicing: Chevrolet, Daewoo

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

A: 42.00 B: 14.35 C: 66.00 mm

## ALTERNATORS





**110137** Alternator 14 V, 30 Amp

Replacing: 021000-9561, 021000-9560, 021000-8680, 021000-8120, 021000-6861, 021000-6851, 021000-6850

Servicing: Daihatsu, Komatsu, Kubota, Suzuki, Toyota

B+ M5, Grooves 1, Pulley P, Fan EF  
Regulator: HC-CARGO 130627.

A: 44.50 B: 12.25 C: 67.00 mm



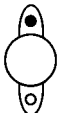
**110138** Alternator 14 V, 40 Amp

Replacing: 121000-7560, 121000-2110, 121000-2030, 021000-8030, 021000-8021, 021000-8020, 021000-8011

Servicing: Daihatsu, Honda, Mitsubishi, Toyota

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

A: 42.50 B: 11.75 C: 75.75 mm



**110248** Alternator 14 V, 40 Amp

Replacing: 121000-7500, 121000-7050, 121000-2970, 121000-0441, 121000-0431, 121000-0430, 021000-8311

Servicing: Buick, Daihatsu, Honda, Isuzu, Opel, Toyota, VW

B+ M6, Grooves 4, Pulley SP, Fan EF  
Regulator: HC-CARGO 130627.

A: 44.50 B: 12.30 C: 76.00 mm



**110250** Alternator 14 V, 50 Amp

Replacing: 121000-1012, 121000-1011, 121000-1010, 121000-0451

Servicing: Toyota

B+ M6, Grooves 5, Pulley SP, Fan EF  
Regulator: HC-CARGO 130627.

A: 41.00 B: 12.00 C: 66.50 mm



**110258** Alternator 14 V, 35 Amp

Replacing: 121000-1730, 121000-1590, 121000-0920, 121000-0580, 021000-8640, 021000-8620, 021000-8160

Servicing: Daihatsu, Suzuki, Toyota

B+ M6, Grooves 1, Pulley P, Fan EF  
Regulator: HC-CARGO 130627.

A: 42.00 B: 12.00 C: 67.50 mm



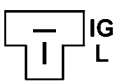
**110273** Alternator 14 V, 50 Amp

Replacing: 021000-8231, 021000-8230, 021000-7911, 021000-7910, 021000-6800, 021000-6671, 021000-6670

Servicing: Daihatsu, Toyota

B+ M6, Grooves 1, Pulley P, Fan EF  
Regulator: HC-CARGO 130627.

A: 43.50 B: 12.00 C: 66.50 mm



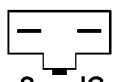
**110374** Alternator 14 V, 45 Amp

Replacing: 101211-2841, 100211-4390, 100211-4180, 100211-4120, 100211-4080, 100211-1402, 100211-1401

Servicing: Daihatsu

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

A: 43.50 B: 19.00 mm



**110445** Alternator 14 V, 90 Amp

Replacing: 100211-5800, 100211-0790, 100211-0292, 100211-0291, 100211-0290, 100211-0281, 100211-0280

Servicing: John Deere

B+ M6, Pulley w/o, Fan EF

B: 51.00 mm



**110496** Alternator 14 V, 60 Amp

Replacing: 100211-9710, 100211-9400, 100211-3760, 100211-3740, 100211-3610, 100211-3560, 100211-3530

Servicing: Toyota

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

A: 90.00 B: 58.00 mm



**110563** Alternator 28 V, 15 Amp

Replacing: 021000-4510, 021000-4271

Servicing: Toyota

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

Regulator: HC-CARGO 132628.

A: 48.15 B: 12.25 C: 76.00 mm



**110564** Alternator 14 V, 40 Amp

Replacing: 100211-4200, 100211-4004, 100211-4003, 100211-4002, 100211-4001, 100211-4000

Servicing: Komatsu

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

A: 48.55 B: 20.00 C: 67.00 mm



**110620** Alternator 14 V, 35 Amp

Replacing: 100211-4701, 100211-4700, 100211-4531, 100211-4530, 100211-1662, 100211-1661, 100211-1660

Servicing: Aixam, Kubota, Various Agriculture Vehicles, Yanmar

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

A: 44.00 B: 23.50 mm


**110628** Alternator 14 V, 45 Amp

Replacing: 100211-6860, 100211-4400, 100211-4290, 100211-4280, 100211-4171, 100211-4170, 100211-3501

Servicing: Toyota

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

A: 90.00 B: 58.10 mm


**110679** Alternator 14 V, 60 Amp

Replacing: 100211-2360, 100211-2290, 100211-2231, 100211-2230, 100211-2221, 100211-1331, 100211-1330

Servicing: Isuzu, Opel

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

A: 92.25 B: 58.00 mm


**110684** Alternator 14 V, 55 Amp

Replacing: 121000-2360, 121000-1291, 121000-1290, 121000-0970, 100213-0960, 100213-0950, 100213-0860

Servicing: Toyota

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

A: 33.65 B: 14.00 C: 62.00 mm


**110629** Alternator 14 V, 35 Amp

Replacing: 100211-4540

Servicing: Toyota

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

A: 44.00 B: 24.10 mm


**110680**<sup>#</sup> Alternator 14 V, 70 Amp

Replacing: 100211-7501, 100211-7500, 100211-7071, 100211-7070, 100211-2551, 100211-2550

Servicing: Acura, Honda, Rover, Sterling

B+ M6, Grooves 3, Pulley SP, Fan IF

A: 90.30 B: 58.00 mm


**110686**<sup>#</sup> Alternator 14 V, 60 Amp

Replacing: 100213-1450, 100213-1210, 100213-1120

Servicing: Toyota

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

A: 45.25 B: 14.10 C: 61.00 mm


**110675** Alternator 14 V, 75 Amp

Replacing: 100211-7450, 100211-745, 100211-7061, 100211-7060, 100211-706, 100211-3261, 100211-3260, 100211-326

Servicing: Isuzu, Toyota

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

A: 89.85 B: 57.90 mm


**110682** Alternator 14 V, 70 Amp

Replacing: 10211-7000, 100211-8031, 100211-8030, 100211-7051, 100211-7050, 100211-7001, 100211-7000

Servicing: GEO, Toyota

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

A: 89.70 B: 58.00 mm


**110801** Alternator 28 V, 45 Amp

Replacing: 100211-0860

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

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

B: 14.80 C: 100.00 mm


**110678**<sup>#</sup> Alternator 14 V, 55 Amp

Replacing: 100211-3630, 100211-3221, 100211-3220, 100211-3130, 100211-2380, 100211-2370, 100211-2170

Servicing: Chevrolet, GEO, Toyota

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

A: 89.65 B: 58.00 mm


**110683**<sup>#</sup> Alternator 14 V, 75 Amp

Replacing: 100211-7952, 100211-7951, 100211-7950, 100211-7012, 100211-3640, 100211-3380

Servicing: GEO, Isuzu

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

A: 93.75 B: 58.40 mm


**110882** Alternator 14 V, 45 Amp

Replacing: 021000-0320

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

B+ M6, Grooves 1, Pulley P, Fan w/o

A: 47.00 B: 16.25 C: 63.00 mm

**110927** Alternator 14 V, 55 Amp  
 Replacing: 100211-2211, 100211-2210, 100211-1381, 100211-1278, 100211-1271, 100211-1270, 100211-1261  
 Servicing: Honda, Rover  
 B+ M6, Grooves 3, Pulley SP, Fan IF  
 A: 90.45 B: 57.90 mm

**110965** Alternator 14 V, 50 Amp  
 Replacing: 100211-6270, 100211-4071, 100211-4070, 100211-1550, 100211-1411, 100211-1410  
 Servicing: Chevrolet, Pontiac, Suzuki  
 B+ M6, Grooves 1, Pulley P, Fan IF  
 A: 42.15 B: 20.00 C: 66.88 mm

**110967** Alternator 14 V, 50 Amp  
 Replacing: 101211-2120, 100211-6721, 100211-6720, 100211-672, 100211-6710, 100211-6600, 100211-2120  
 Servicing: Chevrolet, GEO, Pontiac, Suzuki  
 B+ M6, Grooves 4, Pulley SP, Fan IF  
 A: 37.30 B: 19.90 C: 67.00 mm

**111017** Alternator 14 V, 50 Amp  
 Replacing: 100211-4210  
 Servicing: Toyota  
 B+ M6, Grooves 1, Pulley P, Fan IF  
 A: 44.30 B: 20.00 C: 67.30 mm

**111018** Alternator 14 V, 50 Amp  
 Replacing: 100211-6970, 100211-6961, 100211-6960, 100211-6931, 100211-6930  
 Servicing: Toyota  
 B+ M6, Grooves 1, Pulley P, Fan IF  
 A: 44.00 B: 20.00 C: 67.00 mm

**111042** Alternator 14 V, 35 Amp  
 Replacing: 021000-6980  
 Servicing: Iseki, Mitsubishi  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 42.50 B: 12.10 C: 66.90 mm

**111048** Alternator 14 V, 40 Amp  
 Replacing: 101211-2480, 101211-1230, 101211-1180, 100211-4690, 100211-4680, 100211-4670, 100211-4660  
 Servicing: Daihatsu, Iseki, Kubota, Piaggio  
 B+ M6, Grooves 1, Pulley P, Fan IF  
 A: 43.00 B: 24.00 mm

**111193** Alternator 14 V, 90 Amp  
 Replacing: 121000-3442, 121000-3440, 121000-3420, 121000-3410, 121000-3381, 121000-3380, 121000-3340  
 Servicing: Chrysler, Dodge, Jeep, Plymouth  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 Regulator: HC-CARGO 131280.  
 A: 34.00 B: 12.65 C: 54.00 mm

**111194#** Alternator 14 V, 120 Amp  
 Replacing: 121000-4301, 121000-4300  
 Servicing: Chrysler, Dodge, Jeep, Plymouth  
 B+ M6, Grooves 2, Pulley DP, Fan IF  
 Regulator: HC-CARGO 131280.  
 A: 38.40 B: 12.00 C: 54.00 mm

**111195** Alternator 14 V, 35 Amp  
 Replacing: 121000-0980, 121000-0600  
 Servicing: Kubota  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 Regulator: HC-CARGO 130627.  
 A: 43.45 B: 13.00 C: 67.40 mm

**111215** Alternator 14 V, 120 Amp  
 Replacing: 100211-6051, 100211-6050, 100211-6031, 100211-6030  
 Servicing: John Deere  
 B+ M8, Grooves 2, Pulley DP, Fan IF  
 A: 94.60 B: 57.65 mm

**111278** Alternator 14 V, 45 Amp  
 Replacing: 100211-6790, 100211-6640, 100211-6040  
 Servicing: Daihatsu  
 B+ M6, Grooves 4, Pulley SP, Fan IF  
 A: 89.00 B: 57,50 mm


**111279** Alternator 14 V, 50 Amp

Replacing: 100211-3810, 100211-3800  
 Servicing: Chevrolet, GEO, Pontiac, Suzuki  
 B+ M6, Grooves 4, Pulley SP, Fan IF  
 A: 37.50 B: 20.00 C: 66.00 mm


**111285** Alternator 14 V, 70 Amp

Replacing: 101211-0250, 101211-0240,  
 100211-9770, 100211-9760, 100211-7340  
 Servicing: Honda  
 B+ M6, Grooves 4, Pulley SP, Fan IF  
 A: 90.00 B: 57.80 mm


**111428** Alternator 14 V, 60 Amp

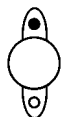
Replacing: 100211-8070, 100211-7600,  
 100211-7440, 100211-3680, 100211-3200,  
 100211-3111, 100211-3110  
 Servicing: Daihatsu, Toyota  
 B+ M6, Grooves 5, Pulley SP, Fan IF  
 A: 90.00 B: 58.50 mm


**111432**<sup>#</sup> Alternator 14 V, 70 Amp

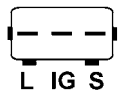
Replacing: 100211-9970, 100211-9830,  
 100211-7800, 100211-7760, 100211-7530,  
 100211-3300  
 Servicing: Honda  
 B+ M6, Grooves 5, Pulley SP, Fan IF  
 A: 90.25 B: 57.00 mm


**111435** Alternator 14 V, 70 Amp

Replacing: 101211-5220, 101211-5210,  
 100211-8810, 100211-8590, 100211-8470,  
 100211-8340, 100211-8330  
 Servicing: Toyota  
 B+ M6, Grooves 5, Pulley SP, Fan IF  
 A: 90.00 B: 58.00 mm


**111437** Alternator 14 V, 50 Amp

Replacing: 101211-3770, 101211-3370,  
 100211-6730, 100211-6660, 100211-5730,  
 100211-3370  
 Servicing: Daihatsu, Piaggio  
 B+ M6, Grooves 1, Pulley P, Fan IF  
 A: 95.75 B: 58.00 mm


**111468** Alternator 14 V, 80 Amp

Replacing: 102211-1480, 102211-1340,  
 102211-1240, 102211-124, 102211-1230,  
 101211-9670, 101211-9580  
 Servicing: Toyota  
 B+ M6, Grooves 5, Pulley SP, Fan IF  
 A: 90.00 B: 58.00 mm


**111480** Alternator 14 V, 70 Amp

Replacing: 100211-7930, 100211-7461,  
 100211-7460, 100211-3321  
 Servicing: Toyota  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 93.40 B: 58.00 mm


**111482**<sup>#</sup> Alternator 14 V, 70 Amp

Replacing: 100211-9880, 100211-8861,  
 100211-8860  
 Servicing: Toyota  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 91.00 B: 58.00 mm


**111483** Alternator 14 V, 55 Amp

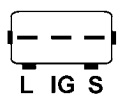
Replacing: 100210-3821, 100210-3820,  
 100210-3810, 100210-3770, 100210-3680,  
 100210-3580, 100210-3460  
 Servicing: Toyota, VW  
 B+ M6, Grooves 2, Pulley DP, Fan EF  
 Regulator: HC-CARGO 132627.  
 A: 52.00 B: 13.50 C: 97.00 mm


**111484** Alternator 28 V, 50 Amp

Replacing: 100210-2290, 021000-9980  
 Servicing: Toyota  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 Regulator: HC-CARGO 135376.  
 A: 63.00 B: 14.20 C: 97.00 mm


**111507** Alternator 14 V, 80 Amp

Replacing: 101211-5120, 101211-5100  
 Servicing: Toyota  
 B+ M6, Grooves 1, Pulley P, Fan IF  
 A: 96.00 B: 53.00 mm



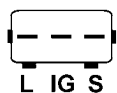
**111517** Alternator 14 V, 70 Amp

Replacing: 101211-4420, 101211-4161, 101211-4160, 101211-0851, 101211-0510, 101211-0380, 101211-0170

Servicing: Toyota

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

A: 89.70 B: 58.00 mm



**111518** Alternator 14 V, 70 Amp

Replacing: 102211-5090, 101211-5970, 101211-5150, 101211-0741, 101211-0740, 101211-0432, 101211-0431

Servicing: Toyota

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

A: 89.00 B: 58.00 mm



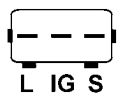
**111536** Alternator 14 V, 70 Amp

Replacing: 100211-8490, 100211-8392, 100211-8390, 100211-7861

Servicing: Toyota

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

A: 90.00 B: 58.00 mm



**111537** Alternator 14 V, 70 Amp

Replacing: 101211-5720, 101211-0582, 101211-0581, 101211-0580

Servicing: Toyota

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

A: 89.50 B: 57.80 mm



**111538** Alternator 14 V, 80 Amp

Replacing: 100211-8440, 100211-8381, 100211-8380, 100211-8060, 100211-7820

Servicing: Toyota

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

A: 90.50 B: 58.00 mm



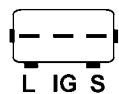
**111578** Alternator 14 V, 60 Amp

Replacing: 100211-3930, 100211-3890, 100211-3880, 100211-3870, 100211-3661, 100211-3660, 100211-3600

Servicing: Honda, Rover

B+ M6, Grooves 3, Pulley SP, Fan IF

A: 89.50 B: 58.25 mm



**111579** Alternator 14 V, 70 Amp

Replacing: 101211-5240, 101211-5080, 101211-5020, 101211-4580, 101211-0182, 101211-0181, 101211-0180

Servicing: GEO, Toyota

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

A: 53.00 B: 28.00 C: 44.00 mm



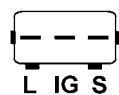
**111596** Alternator 28 V, 50 Amp

Replacing: 121000-1770, 121000-0041, 100210-2980, 100210-2302

Servicing: Toyota

B+ M6, Grooves 1, Pulley P, Fan EF  
Regulator: HC-CARGO 132628.

A: 65.00 B: 14.00 C: 106.00 mm



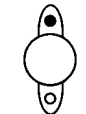
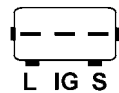
**111598** Alternator 14 V, 80 Amp

Replacing: 101211-5170, 101211-5130

Servicing: Toyota

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

A: 96.00 B: 53.00 mm



**111601** Alternator 14 V, 70 Amp

Replacing: 100213-1911, 100213-1910, 100213-1900, 100211-5250

Servicing: Toyota

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

A: 146.50 B: 70.15 mm



**111605** Alternator 14 V, 70 Amp

Replacing: 100213-1250, 100213-1240, 100213-1230, 100213-1150, 100213-1140, 100213-1130, 100213-1050

Servicing: Toyota

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

A: 146.50 B: 69.50 mm



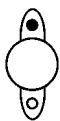
**111609** Alternator 14 V, 70 Amp

Replacing: 101211-0033, 101211-0030, 100211-9980, 100211-7811, 100211-7810, 100211-7770, 100211-3311

Servicing: Honda

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

A: 90.00 B: 56.50 mm


**111610** Alternator 14 V, 45 Amp

Replacing: 101211-3200, 101211-2100, 100211-9310, 100211-6990

Servicing: Daihatsu

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

A: 89.50 B: 58.00 mm

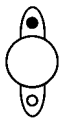

**111613** Alternator 28 V, 50 Amp

Replacing: 121000-0670, 100210-2991, 100210-2861, 100210-2860, 100210-2570, 100210-2251, 100210-2250

Servicing: Toyota

 B+ M6, Grooves 1, Pulley P, Fan EF  
 Regulator: HC-CARGO 135376.

A: 63.50 B: 13.00 C: 96.50 mm

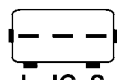

**111616** Alternator 14 V, 40 Amp

Replacing: 100211-4410, 100211-4160, 100211-1620

Servicing: Daihatsu, Toyota

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

A: 89.90 B: 58.00 mm


**111678** Alternator 14 V, 60 Amp

Replacing: 101211-3030

Servicing: Toyota

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

A: 90.00 B: 58.30 mm

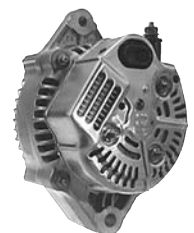
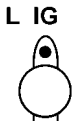
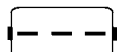

**111705** Alternator 14 V, 70 Amp

Replacing: 100211-9800, 100211-9780, 100211-8130, 100211-8120, 100211-8090, 100211-8050, 100211-7160

Servicing: Toyota

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

A: 90.00 B: 58.00 mm


**111779** Alternator 14 V, 70 Amp

Replacing: 102211-5610, 102211-5380, 102211-5280, 102211-5161, 102211-5160, 102211-5151, 102211-5150

Servicing: Suzuki

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

A: 90.70 B: 58.00 mm


**111780**<sup>#</sup> Alternator 14 V, 60 Amp

Replacing: 100211-7840, 100211-7830

Servicing: Toyota

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

A: 92.00 B: 58.10 mm


**111781** Alternator 14 V, 80 Amp

Replacing: 100211-8410

Servicing: Toyota

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

A: 92.00 B: 58.10 mm


**111782** Alternator 28 V, 30 Amp

Replacing: 100211-7850

Servicing: Toyota

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

A: 92.00 B: 58.00 mm


**111795** Alternator 14 V, 80 Amp

Replacing: 102211-8041, 102211-8040, 100211-8040

Servicing: Ford

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

A: 12.50 B: 72.00 C: 53.00 mm

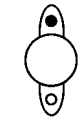

**111796** Alternator 14 V, 40 Amp

Replacing: 100211-0230, 100211-0014, 100211-0010, 021000-8420

Servicing: Caterpillar

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

A: 45.50 B: 13.50 C: 73.40 mm

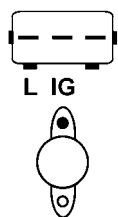

**111830** Alternator 14 V, 140 Amp

Replacing: 100211-6420

Servicing: John Deere

B+ M8, Grooves 8, Pulley SP, Fan IF

A: 90.50 B: 58.00 mm



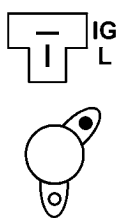
**111950** Alternator 14 V, 85 Amp

Replacing: 104210-8140, 102211-2430, 102211-1430, 101211-9180

Servicing: Suzuki

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

A: 88.55 B: 58.00 mm



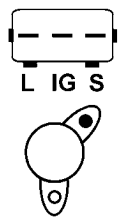
**111951** Alternator 14 V, 40 Amp

Replacing: 100211-4621, 100211-4620

Servicing: Daihatsu

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

A: 45.00 B: 24.00 mm



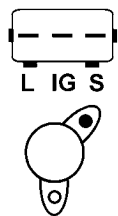
**111960** Alternator 14 V, 80 Amp

Replacing: 100213-2660, 100213-2520, 100213-2460, 100213-2450, 100213-2440, 100213-2280, 100213-1920

Servicing: Ford, Toyota

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

A: 147.00 B: 71.00 mm



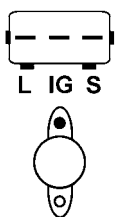
**111963** Alternator 14 V, 80 Amp

Replacing: 100213-2920, 100213-2580, 100213-2500, 100213-2480, 100213-2471, 100213-2470, 100213-2400

Servicing: Toyota

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

A: 146.50 B: 71.00 mm



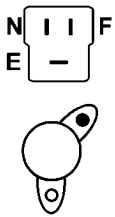
**111965** Alternator 14 V, 80 Amp

Replacing: 101211-5110

Servicing: Toyota

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

A: 93.50 B: 58.00 mm



**112054** Alternator 14 V, 45 Amp

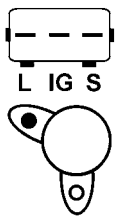
Replacing: 121000-8230, 100210-3840, 100210-3760, 100210-3660

Servicing: Toyota

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

Regulator: HC-CARGO 135662.

A: 52.70 B: 14.50 C: 97.00 mm



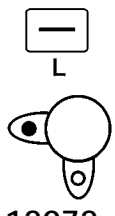
**112063** Alternator 14 V, 70 Amp

Replacing: 102211-5002, 102211-5001, 101211-5780, 101211-0972, 101211-0971, 101211-0970, 101211-0570

Servicing: Toyota

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

A: 94.00 B: 58.10 mm



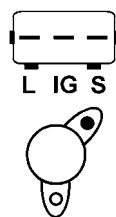
**112072** Alternator 14 V, 120 Amp

Replacing: 102211-0500

Servicing: Volvo

B+ M8, Grooves 6, Pulley w/o, Fan IF

A: 45.00 B: 20.20 C: 82.00 mm



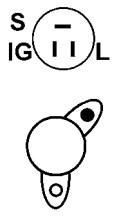
**112101** Alternator 14 V, 80 Amp

Replacing: 101211-5460

Servicing: Toyota

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

A: 90.50 B: 58.10 mm



**112102** Alternator 14 V, 90 Amp

Replacing: 100211-6360, 100211-6110

Servicing: Toyota

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

A: 90.00 B: 58.10 mm



**112142** Alternator 14 V, 90 Amp

Replacing: 102211-8081, 102211-8080, 102211-8071, 102211-8070, 102211-8061, 102211-8060

Servicing: Ford

B+ M6, Pulley w/o, Fan IF

B: 14.00 C: 63.20 mm



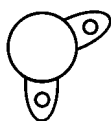
**112143** Alternator 14 V, 80 Amp

Replacing: 102211-8031, 102211-8030

Servicing: Ford, Lister

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

A: 34.00 B: 13.80 C: 62.40 mm

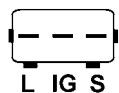

**112181**<sup>#</sup> Alternator 14 V, 100 Amp

Replacing: 100211-6410

Servicing: Lexus

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

A: 90.40 B: 58.25 mm


**112211**<sup>#</sup> Alternator 28 V, 30 Amp

Replacing: 101211-0600

Servicing: Toyota

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

A: 95.00 B: 58.00 mm


**112252** Alternator 28 V, 25 Amp

 Replacing: 100211-6951, 100211-6950,  
100211-6941, 100211-6940

Servicing: Toyota

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

A: 48.00 B: 20.10 C: 66.80 mm


**112261** Alternator 28 V, 60 Amp

Replacing: 100211-0890

Servicing: Caterpillar

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

Replacing: 30SI.

B: 14.00 C: 100.00 mm

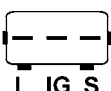

**112356** Alternator 14 V, 80 Amp

 Replacing: 102211-1360, 101211-5330,  
101211-5261, 101211-5260

Servicing: Toyota

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

A: 93.00 B: 58.10 mm

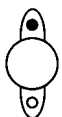

**112357** Alternator 14 V, 70 Amp

 Replacing: 102211-5052, 102211-5051,  
102211-5050, 101211-0522, 101211-0521

Servicing: Toyota

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

A: 90.00 B: 58.00 mm


**112358** Alternator 14 V, 55 Amp

 Replacing: 102211-5200, 101211-4370,  
101211-0543, 101211-0542, 101211-0541,  
101211-0540

Servicing: Toyota

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

A: 89.50 B: 58.00 mm

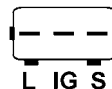

**112360** Alternator 14 V, 60 Amp

Replacing: 101211-0270

Servicing: Toyota

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

A: 93.50 B: 58.30 mm

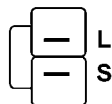

**112363** Alternator 14 V, 80 Amp

Replacing: 101211-9520, 101211-9360

Servicing: Toyota

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

A: 96.00 B: 53.10 mm

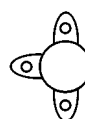

**112531** Alternator 14 V, 60 Amp

Replacing: 101211-0560

 Servicing: Dodge, Eagle, Hyundai, Mitsubishi,  
Plymouth

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

A: 37.45 B: 13.00 C: 55.00 mm


**112557** Alternator 14 V, 120 Amp

 Replacing: 101211-9000, 101211-5571,  
101211-5570, 100211-8960

Servicing: Renault, Volvo

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

A: 47.80 B: 21.00 C: 55.50 mm


**112583** Alternator 14 V, 90 Amp

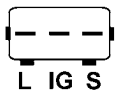
 Replacing: 121000-3523, 121000-3521,  
121000-3520

Servicing: Chrysler

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

A: 33.50 B: 12.00 C: 54.00 mm





**112669** Alternator 14 V, 80 Amp

Replacing: 101211-5300

Servicing: Yanmar

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

A: 92.00 B: 58.30 mm



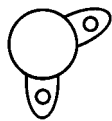
**112721** Alternator 14 V, 60 Amp

Replacing: 101211-2850

Servicing: Fiat, Kubota

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

A: 44.75 B: 21.00 mm



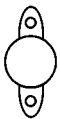
**112746** Alternator 14 V, 80 Amp

Replacing: 100211-8370

Servicing: Volvo

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

A: 93.00 B: 71.00 mm



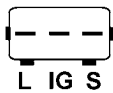
**112833**<sup>#</sup> Alternator 14 V, 90 Amp

Replacing: 121000-3531, 121000-3530

Servicing: Dodge, Jeep

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

A: 33.00 B: 12.00 C: 54.00 mm



**112860** Alternator 14 V, 80 Amp

Replacing: 102211-1210, 102211-1200,

101211-9500, 101211-9280

Servicing: GEO, Toyota

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

Replacing: CS121.

A: 52.00 B: 28.00 C: 42.00 mm



**113051** Alternator 14 V, 120 Amp

Replacing: 121000-4050, 121000-4000

Servicing: Chrysler, Dodge, Plymouth

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

A: 34.00 B: 12.00 C: 54.00 mm



**113055**<sup>#</sup> Alternator 14 V, 90 Amp

Replacing: 121000-3390

Servicing: Chrysler, Dodge, Plymouth

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

A: 34.00 B: 12.00 C: 54.00 mm



**113056**<sup>#</sup> Alternator 14 V, 90 Amp

Replacing: 121000-3400

Servicing: Chrysler, Dodge, Plymouth

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

A: 33.50 B: 12.00 C: 54.00 mm



**113058**<sup>#</sup> Alternator 14 V, 120 Amp

Replacing: 121000-4040

Servicing: Chrysler, Dodge, Plymouth

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

A: 33.50 B: 12.00 C: 54.00 mm



**113063** Alternator 14 V, 90 Amp

Replacing: 121000-3452, 121000-3450

Servicing: Dodge, Jeep

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

A: 34.00 B: 14.30 C: 54.00 mm



**113067** Alternator 14 V, 90 Amp

Replacing: 121000-3510

Servicing: Chrysler, Dodge, Plymouth

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

A: 33.70 B: 22.00 C: 54.00 mm



**113069** Alternator 14 V, 125 Amp

Replacing: 121000-4211, 121000-4210

Servicing: Chrysler

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

A: 33.80 B: 22.30 C: 54.00 mm


**113071** Alternator 14 V, 136 Amp

Replacing: 121000-4171, 121000-4170, 121000-417

Servicing: Dodge, Jeep

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

A: 34.50 B: 12.00 C: 54.00 mm


**113076** Alternator 14 V, 75 Amp

Replacing: 101211-0830, 100211-9732, 100211-9731, 100211-9730

Servicing: Isuzu

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

A: 91.20 B: 57.80 mm

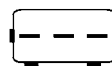

**113077** Alternator 14 V, 70 Amp

Replacing: 100211-9840, 100211-7571, 100211-7570, 100211-3551, 100211-3550, 100211-355, 100211-3160

Servicing: Toyota, VW

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

A: 92.60 B: 58.75 mm


**113078**<sup>#</sup> Alternator 14 V, 80 Amp

Replacing: 101211-5270, 101211-527

Servicing: Lexus, Toyota

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

A: 91.00 B: 57.80 mm


**113081** Alternator 14 V, 80 Amp

Replacing: 102211-2690, 102211-1620, 101211-9780, 101211-9100, 101211-9060, 101211-5620

Servicing: Lexus, Toyota

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

A: 44.00 B: 22.20 C: 43.50 mm


**113085** Alternator 14 V, 100 Amp

Replacing: 100211-6350, 100211-6060

Servicing: Lexus

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

A: 90.50 B: 58.20 mm

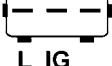

**113089** Alternator 14 V, 80 Amp

Replacing: 966121-9935, 101211-9410, 101211-9350, 101211-9160, 101211-5450

Servicing: Lexus, Toyota

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

A: 88.20 B: 56.70 mm

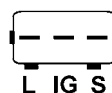

**113090** Alternator 14 V, 100 Amp

Replacing: 101211-7180, 100211-6440, 100211-6390

Servicing: Lexus

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

A: 89.50 B: 57.80 mm


**113091** Alternator 14 V, 60 Amp

Replacing: 101211-0530, 101211-053

Servicing: Toyota

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

A: 90.00 B: 58.00 mm

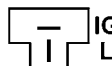

**113094**<sup>#</sup> Alternator 14 V, 90 Amp

Replacing: 101211-9330, 101211-9310

Servicing: Acura

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

A: 89.00 B: 58.10 mm


**113200**<sup>#</sup> Alternator 14 V, 45 Amp

Replacing: 100211-6801, 100211-6800

Servicing: Kubota

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

A: 44.00 B: 21.20 mm

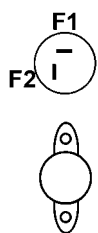

**113201**<sup>#</sup> Alternator 14 V, 80 Amp

Replacing: 100211-8870

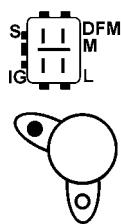
Servicing: Toyota

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

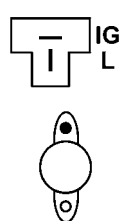
A: 90.00 B: 58.00 mm



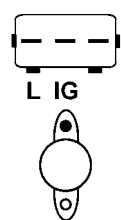
**113235** Alternator 14 V, 130 Amp  
 Replacing: 121000-4331, 121000-4330, 121000-4320, 121000-4161, 121000-4160  
 Servicing: Chrysler, Dodge  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 35.50 B: 12.00 C: 54.00 mm



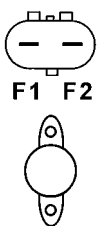
**113296** Alternator 14 V, 80 Amp  
 Replacing: 102211-8490  
 Servicing: Toyota  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 33.45 B: 17.85 C: 40.00 mm



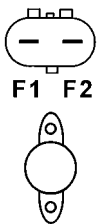
**113306** Alternator 14 V, 60 Amp  
 Replacing: 101211-2751, 101211-2750, 101211-2731, 101211-2730  
 Servicing: Daihatsu  
 B+ M6, Grooves 4, Pulley SP, Fan IF  
 A: 48.00 B: 29.20 mm



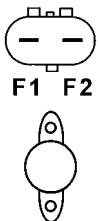
**113322** Alternator 14 V, 60 Amp  
 Replacing: 102211-5231, 102211-5230, 102211-5012, 102211-5011  
 Servicing: Suzuki  
 B+ M6, Grooves 4, Pulley SP, Fan IF  
 A: 89.85 B: 58.00 mm



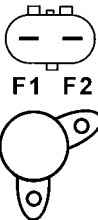
**113358** Alternator 14 V, 117 Amp  
 Replacing: 121000-3671, 121000-3670, 121000-3620  
 Servicing: Dodge, Jeep  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 33.20 B: 13.30 C: 54.00 mm



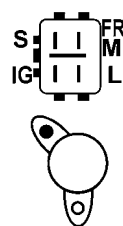
**113362** Alternator 14 V, 136 Amp  
 Replacing: 121000-4280  
 Servicing: Dodge  
 B+ M6, Grooves 8, Pulley SP, Fan IF  
 A: 33.50 B: 13.00 C: 54.00 mm



**113364<sup>#</sup>** Alternator 14 V, 136 Amp  
 Replacing: 121000-4351, 121000-4350, 121000-4290  
 Servicing: Dodge  
 B+ M6, Grooves 7, Pulley SP, Fan IF  
 A: 33.50 B: 13.00 C: 54.00 mm



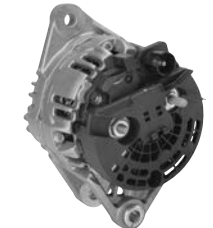
**113365** Alternator 14 V, 120 Amp  
 Replacing: 121000-4233, 121000-4232, 121000-4231, 121000-4230  
 Servicing: Chrysler, Dodge  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 26.00 B: 12.00 C: 68.00 mm



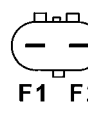
**113433** Alternator 14 V, 110 Amp  
 Replacing: 101211-7270, 101211-7230  
 Servicing: Acura  
 B+ M8, Grooves 5, Pulley SP, Fan IF  
 A: 90.60 B: 58.40 mm



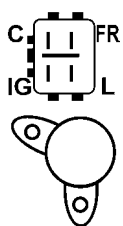
**113535** Alternator 14 V, 85 Amp  
 Replacing: 102211-8471, 102211-8470, 102211-8450  
 Servicing: BMW, Fiat, Lancia  
 B+ M8, Grooves 5, Pulley SP, Fan IF  
 A: 16.30 B: 24.20 C: 51.00 mm



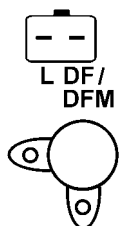
**113536** Alternator 14 V, 90 Amp  
 Replacing: 101210-1530  
 Servicing: Alfa Romeo  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 44.50 B: 16.90 C: 54.30 mm



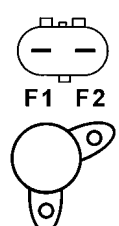
**113559** Alternator 14 V, 136 Amp  
 Replacing: 121000-4400, 121000-4251, 121000-4250, 121000-1670  
 Servicing: Dodge, Jeep  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 27.00 B: 12.00 C: 68.00 mm



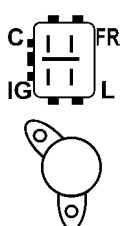
**113571#** Alternator 14 V, 80 Amp  
 Replacing: 102211-1010, 101211-9990  
 Servicing: Acura, Honda  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 91.30 B: 56.00 mm



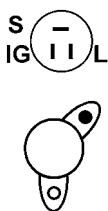
**113575** Alternator 14 V, 80 Amp  
 Replacing: 102211-8400  
 Servicing: Citroen, Fiat, Peugeot  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 42.00 B: 22.00 C: 45.00 mm



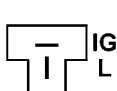
**113607** Alternator 14 V, 136 Amp  
 Replacing: 421000-0100, 121000-4540, 121000-4440, 121000-4410  
 Servicing: Dodge, Jeep  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 27.00 B: 12.00 C: 68.00 mm



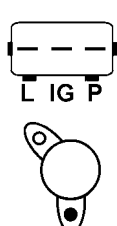
**113628#** Alternator 14 V, 95 Amp  
 Replacing: 102211-1270, 102211-1260, 101211-9970, 101211-9810  
 Servicing: Honda  
 B+ M6, Grooves 4, Pulley SP, Fan IF  
 A: 89.50 B: 58.00 mm



**113636#** Alternator 14 V, 70 Amp  
 Replacing: 100211-8540, 100211-7140  
 Servicing: Toyota  
 B+ M6, Grooves 4, Pulley SP, Fan IF  
 A: 89.25 B: 58.00 mm



**113699** Alternator 14 V, 40 Amp  
 Replacing: 101211-1200  
 Servicing: Iseki  
 B+ M6, Grooves 1, Pulley P, Fan IF  
 A: 41.50 B: 24.00 mm



**113715** Alternator 14 V, 80 Amp  
 Replacing: 101211-9940, 100211-9940  
 Servicing: Yanmar  
 B+ M6, Terminal W, Grooves 2, Pulley DP, Fan IF  
 A: 92.00 B: 57.50 mm



**113718** Alternator 14 V, 70 Amp  
 Replacing: 102211-8440, 102211-8431, 102211-8430, 102211-8230  
 Servicing: Citroen, Fiat, Lancia  
 B+ M8, Grooves 5, Pulley SP, Fan IF  
 A: 16.50 B: 23.50 C: 50.00 mm



**113720** Alternator 14 V, 75 Amp  
 Replacing: 102211-8612, 102211-8611, 102211-8610, 101210-1181, 101210-1180, 101210-1110  
 Servicing: Fiat, Lancia, Opel, Suzuki, Vauxhall

B+ M8, Grooves 6, Pulley SP/FW, Fan IF  
 A: 41.50 B: 64.00 C: 55.00 mm



**113721** Alternator 14 V, 75 Amp  
 Replacing: 101211-1211, 101210-1211, 101210-1210  
 Servicing: Fiat, Lancia

B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 41.00 B: 64.40 C: 55.00 mm



**113722** Alternator 14 V, 90 Amp  
 Replacing: 101210-1191, 101210-1190, 101210-1121, 101210-1120  
 Servicing: Alfa Romeo, Fiat, Lancia, Opel, Suzuki, Vauxhall

B+ M8, Grooves 6, Pulley SP/FW, Fan IF  
 A: 40.20 B: 64.15 C: 56.00 mm



**113742** Alternator 14 V, 40 Amp  
 Replacing: 101211-1380, 101211-1170  
 Servicing: John Deere, Yanmar  
 B+ M6, Grooves 1, Pulley P, Fan IF  
 A: 43.00 B: 21.00 mm



**113755** Alternator 14 V, 150 Amp

Replacing: 104210-4270, 104210-3240, 104210-3171, 104210-3170

Servicing: Citroen, Fiat, Lancia, Peugeot, Suzuki, Toyota

B+ M8, Grooves 6, Pulley SP, Fan IF  
A: 43.00 B: 21.00 C: 45.10 mm

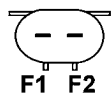


**113763** Alternator 14 V, 85 Amp

Replacing: 102211-8181, 102211-8180, 102211-8171, 102211-8170, 102211-8161, 102211-8160

Servicing: JCB, Land Rover, Various Industrial applications

B+ M6, Terminal W, Pulley w/o, Fan IF  
C: 82.00 mm



**113803** Alternator 14 V, 130 Amp

Replacing: 421000-0028, 421000-0027, 421000-0026, 421000-0025, 421000-0024, 421000-0023, 421000-0022

Servicing: Chrysler, Dodge

B+ M8, Grooves 6, Pulley SP/FW, Fan IF  
A: 50.50 B: 30.00 mm

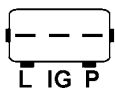


**113849** Alternator 14 V, 150 Amp

Replacing: 104210-5710, 104210-3524, 104210-3523, 104210-3522, 104210-3521, 104210-3520, 104210-3421

Servicing: Ford, Mazda, Volvo

B+ M8, Grooves 6, Pulley SP/FW, Fan IF  
A: 42.50 B: 21.00 C: 45.00 mm

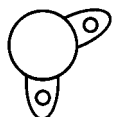


**113856** Alternator 14 V, 40 Amp

Replacing: 100211-4730

Servicing: Kubota, Steiner

B+ M6, Pulley w/o, Fan IF  
B: 24.20 mm

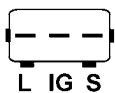


**113865#** Alternator 14 V, 90 Amp

Replacing: 100211-8632, 100211-8631, 100211-8630

Servicing: BMW, Volvo

B+ M8, Grooves 2, Pulley DP, Fan IF  
A: 92.50 B: 71.00 mm



**113902** Alternator 14 V, 100 Amp

Replacing: 102211-0780, 102211-0770, 101211-7410, 101211-7400

Servicing: Toyota

B+ M6, Grooves 7, Pulley SP, Fan IF  
A: 35.50 B: 18.00 C: 46.00 mm

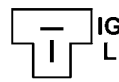


**113904** Alternator 14 V, 130 Amp

Replacing: 102211-8662, 102211-8661, 102211-8660

Servicing: Opel, Saab, Vauxhall

B+ M8, Terminal DF, Grooves 6, Pulley SP/FW, Fan IF  
A: 113.00 B: 61.00 mm



**113921** Alternator 14 V, 40 Amp

Replacing: 101211-1361, 101211-1360, 100211-4771, 100211-4770, 100211-4740, 100211-4650, 100211-4610

Servicing: Daihatsu, Iseki, Kubota, Piaggio

B+ M6, Grooves 1, Pulley P, Fan IF  
A: 43.50 B: 24.00 mm

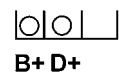


**113922** Alternator 14 V, 120 Amp

Replacing: 104210-3513, 104210-3512, 104210-3511, 104210-3510

Servicing: Ford, Mazda, Volvo

B+ M8, Pulley w/o, Fan IF  
SP/FW pulley 237610  
B: 22.00 C: 45.00 mm

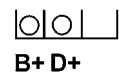


**113943** Alternator 14 V, 100 Amp

Replacing: 101210-1510

Servicing: Alfa Romeo, Fiat, Lancia

B+ M8, Grooves 6, Pulley w/o, Fan IF  
As HC-CARGO 114800, but without pulley  
A: 44.50 B: 22.00 C: 54.50 mm



**113955** Alternator 14 V, 105 Amp

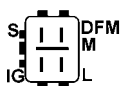
Replacing: 102211-8642, 102211-8641, 102211-8640

Servicing: Fiat, Opel, Vauxhall

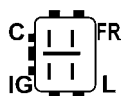
B+ M8, Pulley w/o, Fan IF  
B: 61.00 mm



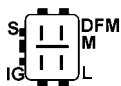
**113967** Alternator 14 V, 120 Amp  
 Replacing: 102211-8130  
 Servicing: Caterpillar, Perkins  
 B+ M6, Terminal W, Pulley w/o  
 B: 13.00 C: 83.00 mm



**113969** Alternator 14 V, 100 Amp  
 Replacing: 104210-5440, 104210-3411,  
 104210-3410  
 Servicing: Toyota  
 B+ M6, Pulley w/o, Fan IF  
 B: 42.00 mm



**113970** Alternator 14 V, 100 Amp  
 Replacing: 104210-3732, 104210-3731,  
 104210-3730  
 Servicing: Mini  
 B+ M8, Pulley w/o, Fan IF  
 B: 16.30 C: 41.70 mm



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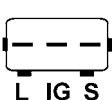
**113972** Alternator 14 V, 100 Amp  
 Replacing: 104210-5151, 104210-5150,  
 104210-4102, 104210-4101  
 Servicing: Toyota  
 B+ M6, Grooves 6, Pulley SP/FW, Fan IF  
 A: 31.00 B: 16.00 C: 39.00 mm



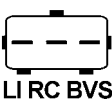
**113975** Alternator 14 V, 150 Amp  
 Replacing: 104210-3921, 104210-3920  
 Servicing: John Deere  
 B+ M6, Grooves 8, Pulley SP  
 B: 58.00 C: 0.00 mm



**113978** Alternator 14 V, 120 Amp  
 Replacing: 104210-5790, 104210-3762,  
 104210-3761, 104210-3760  
 Servicing: Ford, Volvo  
 B+ M8, Pulley w/o, Fan IF  
 B: 72.00 C: 68.80 mm



**113989** Alternator 14 V, 50 Amp  
 Replacing: 101211-3860  
 Servicing: Toyota  
 B+ M6, Grooves 1, Pulley P, Fan IF  
 A: 99.00 B: 58.00 mm



**113990\*** Alternator 14 V, 150 Amp  
 Replacing: 104210-4651, 104210-4650,  
 104210-4011, 104210-4010  
 Servicing: Land Rover  
 B+ M8, Grooves 7, Pulley SP, Fan IF  
 A: 22.50 B: 50.00 C: 47.00 mm

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**113996** Alternator 14 V, 140 Amp  
 Replacing: 102211-8270, 101210-0990  
 Servicing: Alfa Romeo, Fiat, Lancia, Suzuki  
 B+ M8, Pulley w/o, Fan IF  
*One wire hookup / self-exiting*  
 B: 61.30 mm



**114005** Alternator 14 V, 70 Amp  
 Replacing: 102211-8190, 102211-8000  
 Servicing: Toyota  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 49.00 B: 23.00 C: 39.00 mm



**114006** Alternator 14 V, 90 Amp  
 Replacing: 102211-8200, 102211-8010  
 Servicing: Toyota  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 49.00 B: 21.00 C: 38.00 mm



**114009** Alternator 14 V, 105 Amp  
 Replacing: 102211-8356, 102211-8355,  
 102211-8354, 102211-8353, 102211-8352,  
 102211-8351  
 Servicing: Ford  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 10.00 B: 72.00 mm



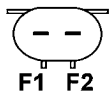
**114010** Alternator 14 V, 100 Amp

Replacing: 104210-3431, 104210-3430

Servicing: Toyota

B+ M6, Pulley w/o, Fan IF

B: 51.70 mm



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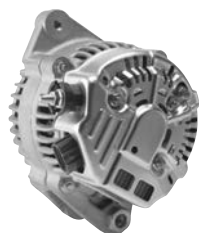
**114011** Alternator 14 V, 160 Amp

Replacing: 421000-0086, 421000-0085, 421000-0084, 421000-0083, 421000-0082, 421000-0081

Servicing: Chrysler

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

A: 46.00 B: 14.00 C: 60.00 mm



**114012** Alternator 14 V, 90 Amp

Replacing: 102211-2770

Servicing: Toyota

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

A: 31.00 B: 18.20 C: 41.70 mm



**114023** Alternator 14 V, 70 Amp

Replacing: 102211-8560

Servicing: Subaru, Suzuki

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

A: 90.50 B: 59.00 mm



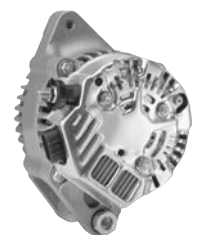
**114024** Alternator 14 V, 70 Amp

Replacing: 104210-9351, 104210-9340, 104210-9230, 104210-9011, 104210-9010, 104210-8370, 104210-8241

Servicing: Toyota

B+ M6, Pulley w/o, Fan IF

B: 58.00 mm



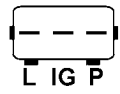
**114041** Alternator 14 V, 70 Amp

Replacing: 102211-5660

Servicing: Toyota

B+ M6, Pulley w/o, Fan IF

B: 16.00 C: 40.50 mm



**114043** Alternator 14 V, 55 Amp

Replacing: 101211-2771, 101211-2770

Servicing: Caterpillar

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

A: 31.20 B: 12.00 C: 72.00 mm



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**114065** Alternator 14 V, 120 Amp

Replacing: 104210-5800, 104210-3532, 104210-3531, 104210-3530

Servicing: Ford

B+ M8x1.25, Grooves 6, Pulley SP, Fan IF

A: 75.00 B: 72.00 C: 68.80 mm



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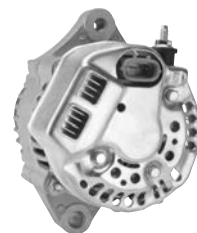
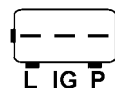
[www.hc-cargo.com](http://www.hc-cargo.com)

**114083\*** Alternator 14 V, 150 Amp

Replacing: 104210-5770, 104210-3821, 104210-2750

Servicing: Volvo

Pulley w/o, Fan IF



**114085** Alternator 14 V, 40 Amp

Replacing: 101211-1030

Servicing: Kubota

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

A: 44.00 B: 24.00 mm



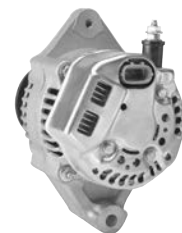
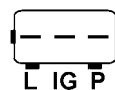
**114090** Alternator 14 V, 70 Amp

Replacing: 102211-8731, 102211-8730, 101210-1400

Servicing: Citroen, Peugeot, Toyota

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

A: 29.20 B: 22.00 C: 42.50 mm



**114097** Alternator 14 V, 60 Amp

Replacing: 101211-2941, 101211-2940

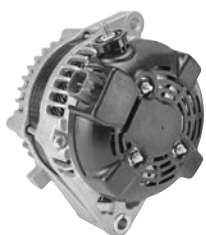
Servicing: Cummins, Komatsu

B+ M6, Grooves 1, Pulley P, Fan IF, Not Insulated return

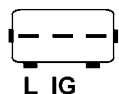
A: 99.00 B: 57.00 mm



**114099** Alternator 14 V, 80 Amp  
 Replacing: 102211-8741, 102211-8740, 101210-1410  
 Servicing: Citroen, Peugeot, Toyota  
 B+ M8, Grooves 6, Pulley SP, Fan IF, Not Insulated return  
 A: 29.00 B: 20.00 C: 42.00 mm



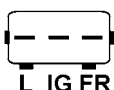
**114101** Alternator 14 V, 90 Amp  
 Replacing: 102211-2760  
 Servicing: Toyota  
 B+ M6, Pulley w/o, Fan IF  
 Pulley: HC-CARGO 236332.  
 B: 53.00 mm



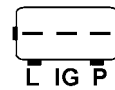
**114113** Alternator 28 V, 60 Amp  
 Replacing: 102211-4050, 101211-7960  
 Servicing: Komatsu  
 B+ M6, Grooves 8, Pulley SP, Fan IF  
 A: 89.80 B: 57.70 mm



**114115** Alternator 14 V, 130 Amp  
 Replacing: 104210-3981, 104210-3980, 104210-3252, 104210-3251, 104210-3250, 104210-3052, 104210-3051  
 Servicing: Toyota  
 B+ M6, Pulley w/o, Fan IF, Not Insulated return  
 B: 53.70 mm



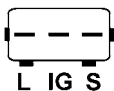
**114147** Alternator 14 V, 105 Amp  
 Replacing: 102211-2223, 102211-2222, 102211-2221, 102211-2220  
 Servicing: Mini  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 34.50 B: 76.00 mm



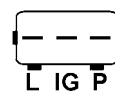
**114188** Alternator 14 V, 90 Amp  
 Replacing: 101211-9020, 101211-9010  
 Servicing: Caterpillar  
 B+ M6, Grooves 2  
 A: 97.00 B: 58.10 mm



**114190** Alternator 14 V, 60 Amp  
 Replacing: 101211-2040  
 Servicing: Iseki  
 B+ M6, Grooves 1, Pulley P, Fan IF  
 A: 43.50 B: 21.50 mm



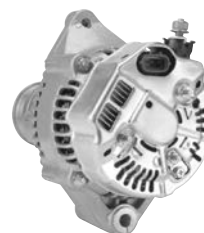
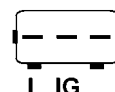
**114157** Alternator 14 V, 120 Amp  
 Replacing: 104210-3550  
 Servicing: Ford  
 B+ M8x1.25, Grooves 5, Pulley SP/FW, Fan IF  
 A: 71.20 B: 38.20 C: 90.00 mm



**114191** Alternator 14 V, 90 Amp  
 Replacing: 102211-9090  
 Servicing: Case  
 B+ M8x1.25, Grooves 8, Pulley SP, Fan EF  
 A: 74.80 B: 51.00 mm



**114158** Alternator 14 V, 70 Amp  
 Replacing: 102211-5640, 102211-5360  
 Servicing: Toyota  
 B+ M6, Grooves 6  
 A: 34.00 B: 18.00 C: 40.50 mm

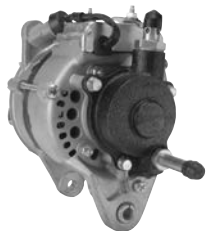


**114186** Alternator 14 V, 90 Amp  
 Replacing: 102211-2250, 102211-2120  
 Servicing: Toyota  
 B+ M6, Grooves 7, Pulley SP, Fan IF  
 A: 34.00 B: 17.00 C: 46.00 mm

**114201** Alternator 14 V, 100 Amp  
 Replacing: 102213-2993, 100213-2993, 100213-2991, 100213-2990, 100213-2982, 100213-2980, 100213-2950  
 Servicing: Hyundai  
 B+ M8x1.25, Grooves 6, Pulley SP/FW, Fan IF  
 A: 150.50 B: 72.00 mm






**114203** Alternator 14 V, 60 Amp

Replacing: 100213-1700, 100213-1180, 100213-0790, 100213-0770, 100213-0290, 100213-0250, 100213-0231

Servicing: Toyota, VW

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

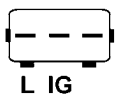
A: 48.00 B: 14.00 C: 98.00 mm


**114204** Alternator 14 V, 120 Amp

Replacing: 102211-8652, 102211-8651, 102211-8650, 102211-8260

Servicing: Alfa Romeo, Fiat, Opel, Vauxhall  
B+ M8, Grooves 6, Pulley w/o, Fan IF, Not Insulated return

A: 112.50 B: 60.60 mm

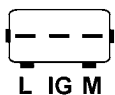

**114205** Alternator 14 V, 40 Amp

Replacing: 101211-1100

Servicing: Bobcat

B+ M6, Grooves 1, Pulley P

A: 41.50 B: 21.00 mm


**114206** Alternator 14 V, 90 Amp

Replacing: 102211-2780

Servicing: Toyota

B+ M6, Pulley w/o

B: 18.00 C: 42.00 mm

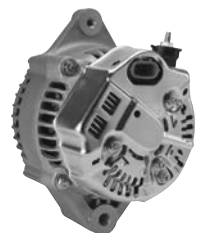
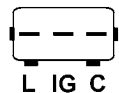

**114208** Alternator 14 V, 120 Amp

Replacing: 104210-4860, 104210-3911

Servicing: Honda

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

A: 35.50 B: 46.00 C: 44.00 mm

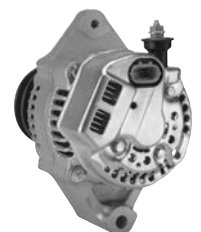
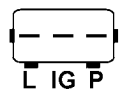

**114215** Alternator 14 V, 75 Amp

Replacing: 102211-2600

Servicing: Suzuki

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

A: 90.00 B: 56.00 mm

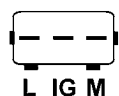

**114218** Alternator 14 V, 55 Amp

Replacing: 101211-2310, 101211-2240

Servicing: Caterpillar

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

A: 95.00 B: 57.00 mm

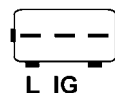

**114231** Alternator 14 V, 90 Amp

Replacing: 102211-1680

Servicing: Toyota

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

A: 48.00 B: 22.40 C: 39.00 mm

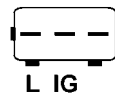

**114241** Alternator 14 V, 105 Amp

Replacing: 101211-9921, 101211-9920

Servicing: Land Rover

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

A: 90.00 B: 58.50 mm

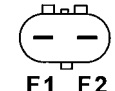

**114242** Alternator 14 V, 105 Amp

Replacing: 101211-9931

Servicing: Land Rover

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

A: 89.00 B: 57.50 mm


**114243** Alternator 14 V, 130 Amp

Replacing: 121000-4391, 121000-4390

Servicing: Jeep

B+ M6, Grooves 8, Pulley SP, Fan IF, Not Insulated return

A: 28.00 B: 12.15 C: 68.00 mm


**114248** Alternator 14 V, 150 Amp

Replacing: 104210-3641, 104210-3640, 104210-2730

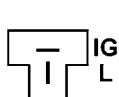
Servicing: Ford

B+ M8, Pulley w/o, Fan IF

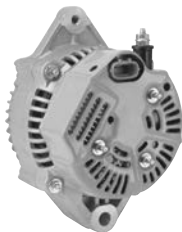
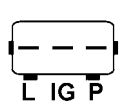
B: 14.00 C: 52.00 mm



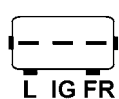
**114250** Alternator 14 V, 120 Amp  
 Replacing: 104210-3630  
 Servicing: Ford  
 B+ M8, Pulley w/o, Fan IF, Not Insulated return  
 B: 17.20 C: 52.20 mm



**114251** Alternator 14 V, 60 Amp  
 Replacing: 101211-2850  
 Servicing: Kubota  
 B+ M6, Grooves 1, Pulley P, Fan IF, Not Insulated return  
 A: 43.50 B: 21.28 mm



**114256** Alternator 14 V, 70 Amp  
 Replacing: 102211-5700, 102211-1440, 101211-4280, 101211-0690  
 Servicing: Various Agriculture Vehicles, Various Industrial applications  
 B+ M6, Grooves 1, Pulley P, Fan IF  
 A: 92.60 B: 58.30 mm



**114258** Alternator 14 V, 105 Amp  
 Replacing: 102211-2234, 102211-2233, 102211-2232, 102211-2231, 102211-2230  
 Servicing: Mini  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 55.00 B: 83.00 C: 43.00 mm



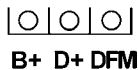
**114263** Alternator 14 V, 50 Amp  
 Replacing: 101211-3410  
 Servicing: John Deere  
 B+ M6, Grooves 1, Pulley SP, Not Insulated return  
 A: 44.00 B: 21.10 mm



**114272** Alternator 14 V, 100 Amp  
 Replacing: 104210-4732, 104210-4731, 104210-4730, 104210-3293, 104210-3292, 104210-3291, 104210-3290  
 Servicing: Honda  
 B+ M6, Grooves 7, Pulley SP, Fan IF  
 A: 40.00 B: 41.00 C: 45.00 mm



**114273** Alternator 14 V, 100 Amp  
 Replacing: 104210-3780, 102211-0750  
 Servicing: Toyota  
 B+ M6, Grooves 7, Pulley SP, Fan IF  
 A: 36.00 B: 17.50 C: 46.50 mm



**114284** Alternator 14 V, 130 Amp  
 Replacing: 101210-0162, 101210-0161, 101210-0160  
 Servicing: Cadillac, Saab  
 B+ M8, Pulley w/o, Fan IF  
 B: 61.00 mm



**114287** Alternator 14 V, 110 Amp  
 Replacing: 02131-9212  
 Servicing: Hyundai, Kia  
 B+ M8, Grooves 7, Pulley SP/FW, Fan IF  
 A: 43.00 B: 28.00 C: 54.30 mm



**114288** Alternator 14 V, 50 Amp  
 Replacing: 121000-0930, 121000-0830, 121000-0820, 100210-3080, 100210-2750, 100210-2700, 100210-2660  
 Servicing: Toyota  
 B+ M6, Grooves 2, Pulley DP, Fan EF  
*Regulator: HC-CARGO 132111.*  
 A: 49.50 B: 13.50 C: 97.00 mm

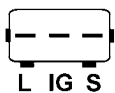


**114300** Alternator 14 V, 120 Amp  
 Replacing: 100213-2530  
 Servicing: Land Rover  
 B+ M8x1.25, Grooves 7, Pulley SP, Fan IF  
 A: 143.00 B: 69.70 mm



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**114302** Alternator 28 V, 80 Amp  
 Replacing: 102211-8150  
 Servicing: Caterpillar, Various Industrial applications  
 Fan IF



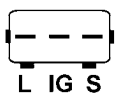
**114361** Alternator 14 V, 80 Amp

Replacing: 102211-5511, 102211-5510, 102211-2340, 102211-2290, 102211-2180, 102211-2020, 102211-1920

Servicing: Toyota

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

A: 34.00 B: 22.00 C: 40.50 mm



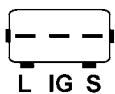
**114362** Alternator 14 V, 80 Amp

Replacing: 102211-5041, 102211-5040, 101211-9590, 101211-4131, 101211-0952

Servicing: Toyota

B+ M6, Grooves 4, Pulley SP

B: 58.00 mm



**114363** Alternator 28 V, 60 Amp

Replacing: 101211-7910

Servicing: Toyota

B+ M6, Grooves 2, Pulley DP

A: 92.00 B: 58.40 mm



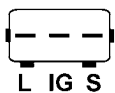
**114364** Alternator 28 V, 70 Amp

Replacing: 101211-7920

Servicing: Caterpillar

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

A: 98.00 B: 58.00 mm



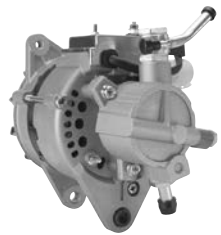
**114369** Alternator 14 V, 100 Amp

Replacing: 100213-1930

Servicing: Toyota

B+ M8, Grooves 2, Pulley DP

A: 147.00 B: 20.00 mm



**114371** Alternator 14 V, 50 Amp

Replacing: 100213-2560

Servicing: Isuzu

B+ M5, Grooves 1, Pulley P

A: 47.00 B: 12.50 C: 80.00 mm



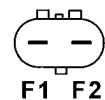
**114372** Alternator 14 V, 50 Amp

Replacing: 100210-4620

Servicing: Toyota

B+ M6, Grooves 2, Pulley DP

A: 50.00 B: 14.00 C: 97.00 mm



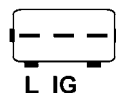
**114377** Alternator 14 V, 110 Amp

Replacing: 121000-3846, 121000-3843, 121000-3842, 121000-3841

Servicing: Jeep

Grooves 6, Pulley SP/FW, Fan IF

A: 28.00 C: 68.00 mm



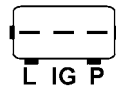
**114386** Alternator 14 V, 90 Amp

Replacing: 100213-2790, 100213-2750, 100213-2630, 100213-2272, 100213-2270

Servicing: Honda, Land Rover, MG, Rover

B+ M6, Grooves 6, Pulley SP, Fan IF, Not Insulated return

A: 143.00 B: 69.80 mm



**114403** Alternator 14 V, 120 Amp

Replacing: 102211-0830

Servicing: Komatsu

B+ M8x1.25, Grooves 2, Pulley DP, Fan IF

A: 94.00 B: 58.00 mm



**114405** Alternator 14 V, 110 Amp

Replacing: 121000-3700

Servicing: Jeep

B+ M6, Grooves 8, Pulley SP, Fan IF

A: 34.00 B: 12.00 C: 54.00 mm



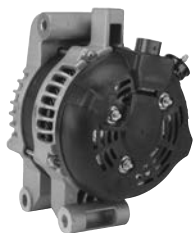
**114409** Alternator 14 V, 100 Amp

Replacing: 101210-0961, 101210-0960

Servicing: Opel, Vauxhall

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

A: 41.00 B: 64.00 C: 55.00 mm

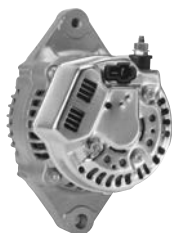
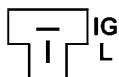

**114410** Alternator 14 V, 130 Amp

Replacing: 104210-4771, 104210-4591

Servicing: Lexus, Toyota

B+ M6, Pulley w/o, Fan IF

B: 60.00 C: 71.50 mm

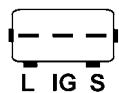

**114411** Alternator 14 V, 40 Amp

 Replacing: 101211-3723, 101211-3722,  
101211-3721, 101211-3720

Servicing: Arctic Cat

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

A: 61.20 B: 29.00 mm

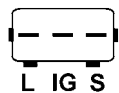

**NEW PRODUCT**
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**114433** Alternator 14 V, 80 Amp

 Replacing: 102211-1370, 101211-7861,  
101211-7860

Servicing: Lexus, Toyota

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

A: 90.0 B: 58.0 mm


**114434** Alternator 14 V, 100 Amp

Replacing: 102211-0610

Servicing: Toyota

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

A: 91.00 B: 58.00 mm


**114451** Alternator 14 V, 105 Amp

Replacing: 102211-8622, 102211-8620

Servicing: Fiat, Ford, Lancia, Opel, Vauxhall

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

A: 41.00 B: 63.50 C: 55.00 mm


**114462** Alternator 14 V, 70 Amp

Replacing: 102211-8310, 102211-8280

Servicing: Alfa Romeo, Fiat, Lancia

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

A: 68.10 B: 32.50 mm

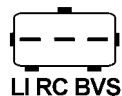

**114490** Alternator 14 V, 100 Amp

Replacing: 104210-5140

Servicing: Toyota

B+ M6, Pulley w/o, Fan IF

B: 60.00 C: 71.50 mm


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**114491\*** Alternator 14 V, 150 Amp

Replacing: 104210-3690

Servicing: Land Rover

Pulley SP, Fan IF

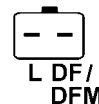

**114493** Alternator 14 V, 100 Amp

Replacing: 101210-1091, 101210-1090

Servicing: Alfa Romeo, Fiat, Lancia

B+ M8, Fan IF

B: 61.20 mm

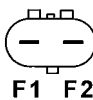

**114509** Alternator 14 V, 150 Amp

Replacing: 02131-9261

 Servicing: Hyundai, Nissan, Opel, Renault,  
Vauxhall

B+ M8, Pulley w/o, Fan IF

B: 14.00 C: 61.00 mm


**114511** Alternator 14 V, 120 Amp

Replacing: 421000-0230

Servicing: Chrysler, Dodge

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

A: 22.50 B: 69.30 C: 86.00 mm


**114515** Alternator 14 V, 45 Amp

Replacing: 100211-6780

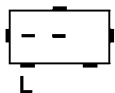
Servicing: Kubota

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

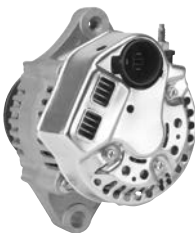
A: 42.50 B: 24.00 mm



**114518** Alternator 14 V, 55 Amp  
 Replacing: 101211-2951, 101211-2950  
 Servicing: Case, John Deere  
 B+ M6, Grooves 1, Pulley P, Fan IF  
 A: 43.00 B: 21.00 mm



**114662** Alternator 14 V, 120 Amp  
 Replacing: 02131-9221  
 Servicing: Kia  
 B+ M8, Grooves 5, Pulley SP/FW, Fan IF  
 A: 46.50 B: 22.00 C: 53.00 mm



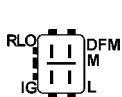
**114679** Alternator 14 V, 35 Amp  
 Replacing: 101211-1242, 101211-1240, 100211-4710  
 Servicing: John Deere  
 B+ M6, Grooves 1, Pulley P, Fan IF  
 A: 40.00 B: 24.00 mm



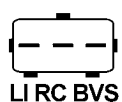
**114682** Alternator 14 V, 100 Amp  
 Replacing: 104210-2310  
 Servicing: Daihatsu, Toyota  
 B+ M6, Grooves 6, Pulley SP/FW, Fan IF  
 A: 29.00 B: 20.00 C: 36.50 mm



**114683** Alternator 28 V, 80 Amp  
 Replacing: 101211-8271, 101211-8270  
 Servicing: Caterpillar, Daihatsu  
 B+ M8, Pulley w/o, Fan EF  
 B: 13.70 C: 103.00 mm



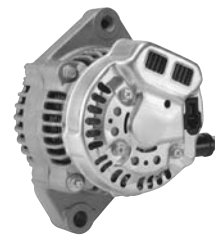
**114694** Alternator 14 V, 100 Amp  
 Replacing: 104210-2181, 104210-2180  
 Servicing: Toyota  
 B+ M6, Pulley w/o, Fan IF  
 B: 20.00 C: 51.50 mm



**114704** Alternator 14 V, 150 Amp  
 Replacing: 104210-3711, 104210-3710  
 Servicing: Land Rover  
 Grooves 8, Pulley SP/FW, Fan IF



**114706** Alternator 14 V, 120 Amp  
 Replacing: 101210-1470, 101210-1381, 101210-1380  
 Servicing: Fiat  
 B+ M8, Grooves 5, Pulley SP, Fan IF, Not Insulated return  
 A: 16.00 B: 24.00 C: 50.00 mm



**114708** Alternator 14 V, 50 Amp  
 Replacing: 101211-3451, 101211-3450  
 Servicing: Daihatsu  
 B+ M6, Grooves 4, Pulley SP, Fan IF  
 A: 47.50 B: 29.50 mm

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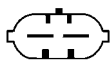
**114714** Alternator 28 V, 80 Amp  
 Replacing: 102211-8141, 102211-8140  
 Servicing: Caterpillar, Terex  
 B+ M8, Terminal W, Pulley w/o, Fan IF  
 B: 14.00 C: 82.00 mm



**114725** Alternator 14 V, 50 Amp  
 Replacing: 101211-3580  
 Servicing: Toyota  
 B+ M6, Grooves 1, Pulley P, Fan IF  
 A: 94.00 B: 16.50 mm

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**114751\*** Alternator 14 V, 45 Amp  
 Replacing: 101211-3781, 101211-3780  
 Grooves 1, Pulley P, Fan IF



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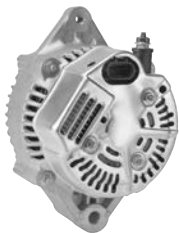
[www.hc-cargo.com](http://www.hc-cargo.com)

**114754** Alternator 14 V, 120 Amp

Replacing: 101210-0971, 101210-0970

B+ M8, Pulley w/o, Fan IF

B: 64.0 C: 55.0 mm



**114770** Alternator 14 V, 80 Amp

Replacing: 102211-9050

Servicing: Various Industrial applications

B+ M6, Fan IF

Vedpak 183

B: 58.50 mm



B+ D+



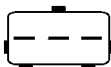
**114801** Alternator 14 V, 105 Amp

Replacing: 102211-8642, 102211-8641, 102211-8640

Servicing: Fiat, Opel, Vauxhall

B+ M8, Grooves 6, Pulley SP/FW, Fan IF  
As HC-CARGO 113955, but with pulley

A: 112.50 B: 61.00 mm



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**114804\*** Alternator 14 V, 105 Amp

Replacing: 101210-0921, 101210-0920

B+ M8, Fan IF

B: 14.50 C: 52.00 mm

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**114806** Alternator 14 V, 120 Amp

Replacing: 101210-1081, 101210-1080

Servicing: Alfa Romeo, Fiat, Lancia

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

A: 16.00 B: 24.00 C: 50.00 mm



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**114810\*** Alternator 14 V, 150 Amp

Replacing: 104210-4640, 104210-3560

Servicing: Volvo

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

A: 33.50 B: 33.00 C: 91.50 mm

**NEW PRODUCT**

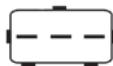
[www.hc-cargo.com](http://www.hc-cargo.com)

**114813** Alternator 28 V, 65 Amp

Replacing: 101211-8140

Servicing: Various Agriculture Vehicles,  
Various Industrial applications

Fan EF



FR L



**114827** Alternator 14 V, 120 Amp

Replacing: 02131-9131, 02131-9130

Servicing: Hyundai, Kia

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

A: 43.00 B: 20.00 C: 55.50 mm



F1  
F2



**114828** Alternator 14 V, 90 Amp

Replacing: 100210-4520, 100210-4510

Servicing: Jeep

B+ M6, Grooves 8

A: 142.00 B: 19.70 mm



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**114895\*** Alternator 14 V, 70 Amp

Replacing: 101210-0951, 101210-0950

Grooves 6, Pulley SP/FW, Fan IF



RLO DFM  
IG M L

**NEW PRODUCT**

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**114897\*** Alternator 14 V, 80 Amp

Replacing: 104210-9250

Grooves 6, Pulley SP, Fan IF

**NEW PRODUCT**

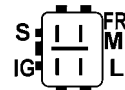
[www.hc-cargo.com](http://www.hc-cargo.com)

**114899** Alternator 14 V, 70 Amp

Replacing: 102211-8220

Servicing: Fiat, Lancia

Grooves 4, Pulley SP, Fan IF



S IG FR  
M L

**NEW PRODUCT**

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**114900\*** Alternator 14 V, 100 Amp

Replacing: 104210-2470

Grooves 6, Pulley SP/FW, Fan IF

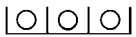
**NEW PRODUCT**  
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**114902\*** Alternator 14 V, 90 Amp  
Replacing: 102211-9010  
Grooves 2, Pulley DP, Fan IF



**NEW PRODUCT**  
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**114904\*** Alternator 14 V, 100 Amp  
Replacing: 104210-2300  
Grooves 6, Pulley SP/FW, Fan IF



**B+ D+ DFM**

**NEW PRODUCT**  
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**115308\*** Alternator 14 V, 120 Amp  
Replacing: 102211-8630  
Grooves 6, Pulley SP/FW, Fan IF

**NEW PRODUCT**  
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**115319** Alternator 14 V, 45 Amp  
Replacing: 101211-8680  
Servicing: Briggs & Stratton  
Pulley w/o, Fan IF

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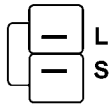
**115320\*** Alternator 14 V, 55 Amp  
Replacing: 101211-2590  
Fan IF

**NEW PRODUCT**  
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**115321** Alternator 14 V, 60 Amp  
Replacing: 101211-8620  
Servicing: John Deere

**NEW PRODUCT**  
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**115385\*** alternator 28 V, 95 Amp  
Replacing: 101211-8341, 101211-8340  
Pulley w/o, Fan EF



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**115409\*** Alternator 14 V, 120 Amp  
Replacing: 02131-9262  
Servicing: Hyundai, Kia  
Grooves 6, Pulley SP/FW, Fan IF



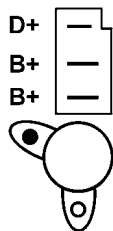
**NEW PRODUCT**  
www.hc-cargo.com

**115415\*** Alternator 14 V, 120 Amp  
Replacing: 101211-7872, 101211-7871,  
101211-7870  
Servicing: Toyota  
Grooves 2, Pulley DP, Fan IF



**NEW PRODUCT**  
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**115435** Alternator 14 V, 55 Amp  
Replacing: 101211-2201, 101211-2200  
Servicing: John Deere  
B+ M6, Grooves 1, Pulley P, Fan IF  
A: 50.0 B: 21.0 mm

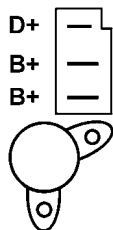

**110178** Alternator 14 V, 36 Amp

Replacing: 516011

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

B+ 9.40, Pulley w/o, Fan EF

B: 10.00 C: 87.00 mm

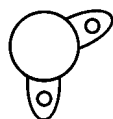

**110358** Alternator 14 V, 55 Amp

Replacing: 516055

Servicing: Mercedes-Benz, Seat

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

A: 77.50 B: 56.00 mm

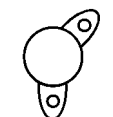

**110743** Alternator 14 V, 30 Amp

Replacing: 7542, 7536, 7534, 7532, 7522, 451003

Servicing: Citroen

 B+ M6, Grooves 1, Pulley P, Fan EF  
 Regulator: HC-CARGO 130679.

A: 61.00 B: 40.00 mm


**110745**# Alternator 14 V, 40 Amp

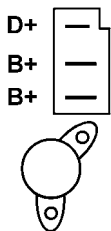
Replacing: 7576, 7575D, 7575, 7557, 7527D,E, 7527C, 7527B, 7527A, 7527

Servicing: Peugeot

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

Regulator: HC-CARGO 130679.

A: 49.00 B: 27.00 C: 66.20 mm


**110913** Alternator 14 V, 70 Amp

Replacing: 510018

Servicing: Audi, VW

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

B: 56.00 mm

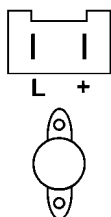

**110916**# Alternator 14 V, 40 Amp

Replacing: 514005

Servicing: Citroen, Peugeot, Talbot

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

A: 59.00 B: 40.00 mm

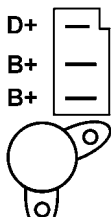

**110920**# Alternator 14 V, 50 Amp

Replacing: 516023B, 516023

Servicing: Renault

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

A: 101.00 B: 56.00 mm

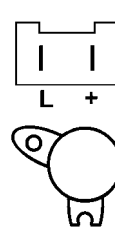

**110971**# Alternator 14 V, 65 Amp

Replacing: 7530

Servicing: Opel, Various Agriculture Vehicles, Vauxhall

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

A: 85.00 B: 56.00 mm

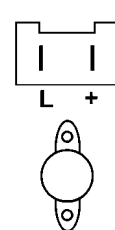

**111071** Alternator 14 V, 75 Amp

Replacing: 516015A, 516015, 516013C, 516013BC, 516013B, 516013A, 516013, 451068

Servicing: Citroen, Peugeot

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

A: 61.85 B: 35.90 C: 53.00 mm

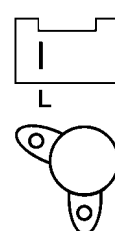

**111072** Alternator 14 V, 50 Amp

Replacing: 451076

Servicing: Renault, VW

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

A: 49.40 B: 27.00 C: 66.00 mm

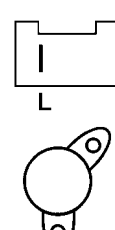

**111075** Alternator 14 V, 55 Amp

Replacing: 516051, 516039, 512010

Servicing: Citroen, Peugeot, Talbot, Vauxhall

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

A: 59.50 B: 40.00 mm


**111076** Alternator 14 V, 50 Amp

Replacing: 516043

Servicing: Citroen, Opel, Peugeot, Talbot

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

A: 46.35 B: 26.80 C: 66.00 mm





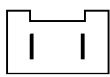
**111078** Alternator 14 V, 45 Amp

Replacing: 516032

Servicing: Autobianchi, Fiat, Lancia, Seat, Zastava

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

A: 53.25 B: 23,50 mm



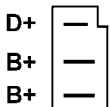
**111082** Alternator 14 V, 60 Amp

Replacing: 516074, 516064, 516062

Servicing: Renault

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

A: 100.95 B: 56.00 mm



**111086** Alternator 14 V, 65 Amp

Replacing: 516027

Servicing: Austin, Ford, Mercury, MG, Rover

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

A: 34.60 B: 10.80 C: 81.00 mm



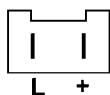
**111138** Alternator 14 V, 45 Amp

Replacing: 514014

Servicing: Fiat, Lancia, Seat

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

A: 46.35 B: 17.00 C: 63.00 mm



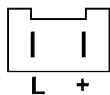
**111144**# Alternator 14 V, 70 Amp

Replacing: 516016

Servicing: Citroen, Renault, Talbot

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

A: 49.15 B: 27.00 C: 64.80 mm



**111171** Alternator 14 V, 70 Amp

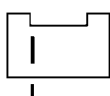
Replacing: 515016

Servicing: Renault

B+ M6, Terminal W, Grooves 1,

Pulley P, Fan EF

A: 49.65 B: 27.00 C: 66.50 mm



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

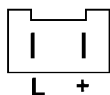
Replacing: 515003

Servicing: Volvo

B+ M6, Terminal W, Grooves 3,

Pulley SP, Fan EF

A: 46.75 B: 27.00 C: 66.00 mm



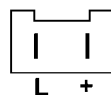
**112728** Alternator 14 V, 55 Amp

Replacing: 516058, 516053A

Servicing: Renault

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

A: 102.00 B: 56.00 mm



**112744** Alternator 14 V, 60 Amp

Replacing: 516067, 516038

Servicing: Renault, Volvo

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

A: 45.00 B: 27.00 C: 66.00 mm



**112768** Alternator 14 V, 55 Amp

Replacing: 451013

Servicing: Alfa Romeo, Goldoni

B+ M6, Terminal W, Grooves 1,

Pulley P, Fan EF

A: 45.00 B: 17.00 C: 70.00 mm


**110348** Alternator 14 V, 55 Amp

Replacing: A125-55S, A125-09

Servicing: Lada

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

A: 45.00 B: 19.60 C: 63.00 mm


**110349** Alternator 14 V, 55 Amp

Replacing: A124L, A124-14

Servicing: Lada

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

Regulator: HC-CARGO 130613.

A: 44.50 B: 18.50 C: 61.50 mm


**110350** Alternator 14 V, 44 Amp

Replacing: A124-44S, A124-15

Servicing: Fiat, Lada

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

A: 46.50 B: 19.50 C: 60.50 mm


**110611** Alternator 14 V, 44 Amp

Replacing: A124N, 3370000

Servicing: Allis Chalmers, Fiat, Seat

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

Regulator: HC-CARGO 130613.

A: 46.00 B: 17.00 C: 61.00 mm

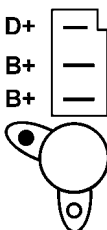

**110612<sup>#</sup>** Alternator 14 V, 43 Amp

Replacing: A125-45B, A125-02, A115-43, A115-03, 201003020.0

Servicing: Bertone, Fiat, Lancia, Zastava

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

A: 52.45 B: 23.15 C: 73.00 mm


**110968** Alternator 14 V, 70 Amp

Replacing: ALT2N-14

Servicing: Austin, Case, Dronningborg, Mercedes-Benz, MG, Nissan, Rover, Valtra

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

A: 34-43 B: 11.00 C: 82.00 mm

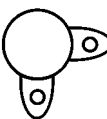

**111032<sup>#</sup>** Alternator 14 V, 50 Amp

Replacing: 3160200

Servicing: Fiat

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

A: 55.85 B: 27.10 C: 69.60 mm

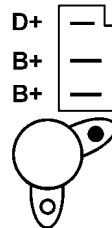

**111036** Alternator 14 V, 45 Amp

Replacing: A125-45C

Servicing: Autobianchi, Fiat, Lancia

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

A: 56.80 B: 32.25 mm


**111086** Alternator 14 V, 65 Amp

Replacing: A155-55D, A125-07

Servicing: Austin, Ford, Mercury, MG, Rover

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

A: 34.60 B: 10.80 C: 81.00 mm

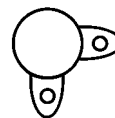

**111148** Alternator 14 V, 65 Amp

Replacing: A125-65B, 283020.1

Servicing: Autobianchi, Fiat, Lancia, Zastava

B+ M6, Grooves 1, Pulley P, Fan w/o

A: 52.25 B: 23.00 C: 73.00 mm


**111621** Alternator 14 V, 55 Amp

Replacing: A125-55G, 274020.0

Servicing: Autobianchi, Fiat, Lancia

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

A: 57.50 B: 32.30 mm

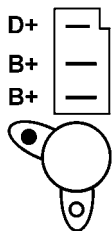

**111687** Alternator 14 V, 55 Amp

Replacing: A125-55T, A125-55E

Servicing: Fiat

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

A: 53.00 B: 26.50 mm



**110178** Alternator 14 V, 36 Amp

Replacing: ALT12N-39, ALT12N-14, ALT12N-11, ALP12N-2

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

B+ 9.40, Pulley w/o, Fan EF  
B: 10.00 C: 87.00 mm



**110348** Alternator 14 V, 55 Amp

Replacing: ALS12N-82

Servicing: Lada

B+ M6, Grooves 1, Pulley P, Fan EF  
A: 45.00 B: 19.60 C: 63.00 mm



**110349** Alternator 14 V, 55 Amp

Replacing: ALB12-117

Servicing: Lada

B+ M6, Grooves 1, Pulley P, Fan EF  
Regulator: HC-CARGO 130613.

A: 44.50 B: 18.50 C: 61.50 mm



**110350** Alternator 14 V, 44 Amp

Replacing: ALS12-81

Servicing: Fiat, Lada

B+ M6, Grooves 1, Pulley P, Fan EF  
A: 46.50 B: 19.50 C: 60.50 mm



**110611** Alternator 14 V, 44 Amp

Replacing: ALB40-86, ALB40-68

Servicing: Allis Chalmers, Fiat, Seat

B+ M6, Grooves 1, Pulley P, Fan EF  
Regulator: HC-CARGO 130613.

A: 46.00 B: 17.00 C: 61.00 mm

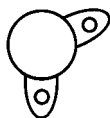


**110612<sup>#</sup>** Alternator 14 V, 43 Amp

Replacing: ALS12N-64, ALS12N-54, ALS12N-25

Servicing: Bertone, Fiat, Lancia, Zastava

B+ M6, Grooves 1, Pulley P, Fan EF  
A: 52.45 B: 23.15 C: 73.00 mm



**110743** Alternator 14 V, 30 Amp

Replacing: ALN12-1, ALD12N-53

Servicing: Citroen

B+ M6, Grooves 1, Pulley P, Fan EF  
Regulator: HC-CARGO 130679.

A: 61.00 B: 40.00 mm



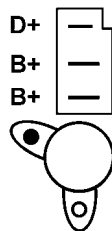
**110745<sup>#</sup>** Alternator 14 V, 40 Amp

Replacing: ALG12N-28, ALG12-7

Servicing: Peugeot

B+ M6, Terminal DF, Grooves 1, Pulley P, Fan EF  
Regulator: HC-CARGO 130679.

A: 49.00 B: 27.00 C: 66.20 mm

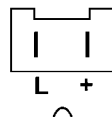


**110759** Alternator 14 V, 35 Amp

Replacing: ALP12N-12

Servicing: Austin, Ford, Mercury

B+ 9.40, Grooves 1, Pulley P, Fan EF  
A: 36.15 B: 10.50 C: 79.00 mm

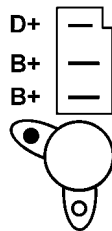


**110920<sup>#</sup>** Alternator 14 V, 50 Amp

Replacing: ALS12X-77, ALS12X-65

Servicing: Renault

B+ M5, Grooves 1, Pulley P, Fan EF  
A: 101.00 B: 56.00 mm

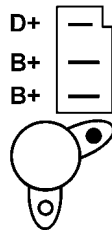


**110968** Alternator 14 V, 70 Amp

Replacing: ALT12N-2, ALT12N-13, ALF12-18

Servicing: Austin, Case, Dronningborg, Mercedes-Benz, MG, Nissan, Rover, Valtra

B+ M6, Grooves 1, Pulley P, Fan EF  
A: 34-43 B: 11.00 C: 82.00 mm



**110969** Alternator 14 V, 65 Amp

Replacing: ALP12N-1

Servicing: Land Rover, Various Agriculture Vehicles

B+ M6, Grooves 1, Pulley P, Fan EF  
A: 38.00 B: 11.00 C: 82.00 mm



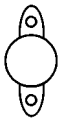
**111078** Alternator 14 V, 45 Amp

Replacing: ALP12N-24, ALP12N-20

Servicing: Autobianchi, Fiat, Lancia, Seat, Zastava

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

A: 53.25 B: 23,50 mm



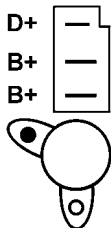
**111138** Alternator 14 V, 45 Amp

Replacing: ALS12N-56, ALS12N-55, ALS12N-24

Servicing: Fiat, Lancia, Seat

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

A: 46.35 B: 17.00 C: 63.00 mm



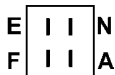
**111289** Alternator 14 V, 70 Amp

Replacing: ALS12N-75, ALS12N-72, ALS12N-51

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

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

A: 35.00 B: 12.50 C: 80.00 mm



**110133** Alternator 14 V, 35 Amp

Replacing: GLE105A, GLE-105A, D47Z10346A, D47Z-10346-A

Servicing: Mazda

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

Regulator: HC-CARGO 130615, 6 pins.

Regulator: HC-CARGO 130616, 6+1 pins.

A: 39.40 B: 12.50 C: 80.50 mm



**110170** Alternator 14 V, 72 Amp

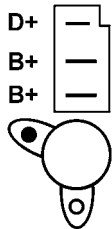
Replacing: D7NN10300B

Servicing: Ford

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

Regulator: HC-CARGO 131175.

A: 74.75 B: 51.25 mm



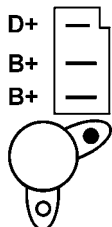
**110178** Alternator 14 V, 36 Amp

Replacing: 77FB10300FB, 77FB10300FA, 76BB10300ED, 76BB10300EA, 74DB10436A, 69EB10346AD, 5003897, 1537179

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

B+ 9.40, Pulley w/o, Fan EF

B: 10.00 C: 87.00 mm



**110179** Alternator 14 V, 36 Amp

Replacing: 86BB10300DB, 86AB10300DA

Servicing: Bedford, Case, Ford, Jaguar, Land Rover, LDV International, Lotus, Mercury, Triumph, Vauxhall

B+ 9.40, Pulley w/o, Fan EF

For pulley w/ 17.00 mm bore use bushing: HC-CARGO 134894.

B: 9.75 C: 88.00 mm



**110237** Alternator 14 V, 60 Amp

Replacing: E6SF10300EA, E27F10300BA, E1GF10300DA, E1EF10300HA, D9ZF10300AA, D9VY10346A, D9UF10300BA

Servicing: American Motors, Ford, Jeep, Lincoln, Mercury

B+ 1/4" UNC, Grooves 1, Pulley P, Fan EF

Replacing: 1G series. Regulator: HC-CARGO 130506.

A: 101.00 B: 76.25 mm



**110238** Alternator 14 V, 70 Amp

Replacing: F0PZ10346D, F0PZ10346C, E7PZ10346B, E7PZ10346A, E7PF10346PA, E6DZ10346D, E6DF10346DA, E6DF10300CA

Servicing: Ford, Lincoln, Mercury

B+ 1/4" UNC, Grooves 1, Pulley P, Fan EF

Replacing: 1G serie. Same as HC-CARGO 110239 (90 A). Regulator: HC-CARGO 130506.

A: 104.00 B: 76.25 mm



**110239** Alternator 14 V, 90 Amp

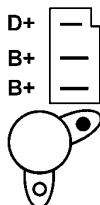
Replacing: E9DF10300DA, E8DF10300DE, E8DF10300DA, E7TF10300NA, E7DF10300EB, E7DF10300EA, D7ZF10300CA

Servicing: Ford

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

Regulator: HC-CARGO 130506.

B: 76.25 mm



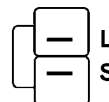
**110607** Alternator 14 V, 70 Amp

Replacing: U88VG10K359AA, R89FX10300BA, 894FX10300BA, 894FX10300AA, 894F10300BA, 884F10K359GB, 884F10K359AB

Servicing: Ford

B+ M6, Grooves 4, Pulley SP, Fan w/o  
As HC-CARGO 111754, but w/o vacuum pump.

A: 33.70 B: 11.30 C: 83.00 mm



**110663** Alternator 14 V, 60 Amp

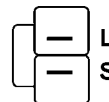
Replacing: F1CZ10346C, F1CZ10346B, F1CZ10346A

Servicing: Ford, Kia, Mazda, Mercury

B+ M6, Terminal W, Grooves 1,

Pulley P, Fan IF

A: 41.75 B: 13.15 C: 66.60 mm



**110664** Alternator 14 V, 70 Amp

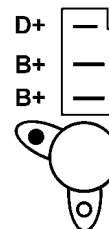
Replacing: E92Z10346A

Servicing: Ford, Mazda

B+ M6, Terminal W, Grooves 3,

Pulley SP, Fan IF

A: 43.50 B: 13.10 C: 66.10 mm



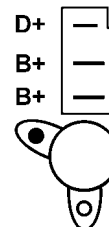
**110759** Alternator 14 V, 35 Amp

Replacing: 80BB10300DB, 80BB10300DA, 72GB10300LB, 72GB10300LA, 71BB10300FB, 71BB10300FA, 6021771, 1553627

Servicing: Austin, Ford, Mercury

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

A: 36.15 B: 10.50 C: 79.00 mm



**110770** Alternator 14 V, 55 Amp

Replacing: 873F10300BA, 86VB10300AA, 86VB10300A2A, 86VB10300A2

Servicing: Austin, LDV, Massey Ferguson, MG, Rover, Vauxhall

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

Fan w/o

B: 11.20 C: 82.00 mm

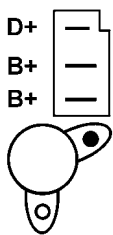

**110891** Alternator 14 V, 70 Amp

Replacing: R86AX10300MB, 91AX10300TA, 86AX10300MB, 86AB10346MA, 86AB10300NB, 86AB10300NA, 86AB10300MB

Servicing: Ford, Land Rover, MG

B+ M6, Terminal W, Pulley w/o, Fan w/o  
As HC-CARGO 114788, but without pulley

B: 11.30 C: 83.00 mm


**111086** Alternator 14 V, 65 Amp

Replacing: 84FB10300MA, 82HF10300A2A, 81BB10300EA, 80BB10300FB, 80BB10300FA, 78GB10300JD, 78GB10300JC

Servicing: Austin, Ford, Mercury, MG, Rover

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

A: 34.60 B: 10.80 C: 81.00 mm

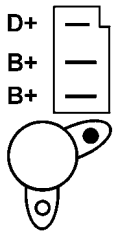

**111176** Alternator 14 V, 75 Amp

Replacing: V89AB10300AA, R89FF10300EC, R89FF10300EB, R86AX10300AAA, 91FX10300VA, 91FF10300TA, 89FX10300JA

Servicing: Ford, Land Rover, LDV, Rover

B+ M6, Terminal W, Pulley w/o, Fan w/o  
As HC-CARGO 114795, but without pulley

B: 11.25 C: 81.65 mm


**111184** Alternator 14 V, 43 Amp

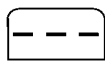
Replacing: 5010556

Servicing: Ford, Land Rover, Massey Ferguson, Rover, Triumph, Vauxhall

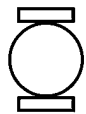
Pulley w/o, Fan IF

For pulley w/ 17.00 mm bore use bushing:  
HC-CARGO 134894.

B: 9.85 C: 87.00 mm



A S I

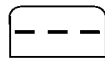

**111199** Alternator 14 V, 95 Amp

Replacing: GL308, GL-308, F7PZ10346LA, F7CU10300AB, F77U10300BB, F77U10300BA, F6PZ10346LA, F6PZ10346CA

Servicing: Ford, Mazda, Mercury

B+ M6, Grooves 6, Pulley SP, Fan IF  
Replacing: 3G series.

A: 37.00 B: 55.20 C: 62.00 mm



A S I

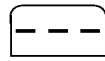

**111200** Alternator 14 V, 130 Amp

Replacing: ZZM2-18-300, XL3U10300CB, XL3U10300CA, F85U10300AB, F85U10300AA, F6UZ10346VA, F6UU10300FA

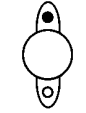
Servicing: Ford, Mazda

B+ M6, Grooves 6, Pulley SP, Fan IF  
Replacing: 3G series.

A: 40.80 B: 55.00 C: 61.00 mm



A S I

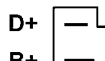

**111252** Alternator 14 V, 75 Amp

Replacing: GL263, GL252, GL246, F0TU10300EA, E9UF10300BA, E9SF10300BA, E9PF10346BA, E8TF10300BA, E7ZF10300FA

Servicing: Ford, Mercury

B+ Plug, Grooves 6, Pulley SP, Fan IF  
Replacing: 2G series.

A: 95.40 B: 76.10 mm



D+ B+ B+


**111289** Alternator 14 V, 70 Amp

Replacing: R72GB10346NA, 89AX10300HA, 89AX10300EA, 89AB10300HA, 89AB10300GB, 89AB10300GA, 89AB10300EB

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

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

A: 35.00 B: 12.50 C: 80.00 mm

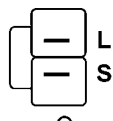

**111293** Alternator 14 V, 70 Amp

Replacing: 92FB10300FB, 92AB10300FB, 92AB10300FA, 92AB10300DD, 92AB10300DC, 91AB10300SA, 7275999

Servicing: Ford

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

A: 33.00 B: 14.00 C: 80.00 mm



L S

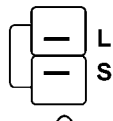

**111315** Alternator 14 V, 90 Amp

Replacing: F32Z10346B, 3395461

Servicing: Ford, Mazda

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

A: 37.65 B: 13.20 C: 66.45 mm



L S

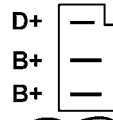

**111317** Alternator 14 V, 80 Amp

Replacing: 3465426

Servicing: Ford, Kia, Mazda

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

A: 36.40 B: 13.20 C: 66.80 mm

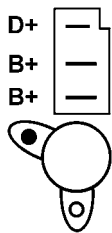

**111356** Alternator 14 V, 55 Amp

Replacing: R89FX10300GB, 89FF10300GB, 89FF10300GA, 89FF10300AC, 89FF10300AB, 89FF10300AA, 6181359

Servicing: Ford, Various Agriculture Vehicles

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

A: 43.00 B: 10.80 C: 81.00 mm



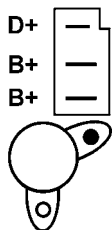
**111362** Alternator 14 V, 55 Amp

Replacing: R86AX10300AB, 87BB10300BA, 86AX10300DB, 86AX10300AB, 86AX10300AAA, 86AB10300EB, 86AB10300EA

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

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

A: 34.50 B: 11.00 C: 81.00 mm



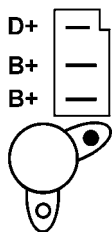
**111364** Alternator 14 V, 55 Amp

Replacing: 870G10300AA, 86FB10300BA, 86FB10300AA, 86AX10300ADA, 86AB10300ADA, 864F10300EA, 85BB10300GA

Servicing: Ford, Rover

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

A: 35.50 B: 12.50 C: 81.00 mm



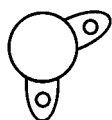
**111368** Alternator 14 V, 70 Amp

Replacing: V87VG10300AE, V87VG10300AB, V87VG10300AA, RV87VX10300AB, RV87VG10300AB

Servicing: Ford

Terminal W, Grooves 1, Pulley P, Fan EF

A: 34.90 B: 12.00 C: 82.60 mm



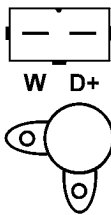
**111427** Alternator 14 V, 90 Amp

Replacing: R93BB10300AG, R93BB10300AE, 93BB10300CE, 93BB10300CD, 93BB10300CC, 93BB10300CB, 93BB10300AG

Servicing: Ford

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

A: 34.50 B: 13.50 C: 81.00 mm



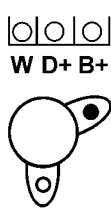
**111477** Alternator 14 V, 90 Amp

Replacing: R95VW10300NA, 95VW10300RA, 95VW10300NA, 95VW10300AAA, 7203201, 1031896

Servicing: Ford, Seat, Skoda, VW

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

A: 39.50 B: 13.50 C: 59.00 mm



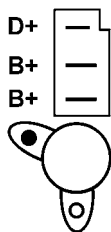
**111623** Alternator 14 V, 70 Amp

Replacing: V94GB10K359AD, V94GB10K359AC, V94GB10K359AB, RV94GB10300BB, R924X10300AB, R924X10300AA

Servicing: Ford

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

A: 33.00 B: 11.80 C: 83.40 mm



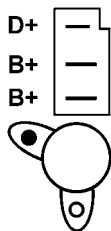
**111739** Alternator 14 V, 55 Amp

Replacing: F0NN10B376AB

Servicing: Ford, New Holland

B+ M6, Terminal W, Pulley w/o, Fan EF With battery sensor terminal.

B: 11.40 C: 82.30 mm



**111740** Alternator 14 V, 70 Amp

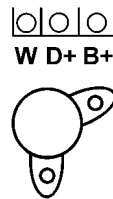
Replacing: E7NN10B376BB, E7NN10B376BA, E7NN10B376AB, E7NN10B376AA

Servicing: Ford

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

With battery sensor terminal.

A: 35.50 B: 11.30 C: 82.70 mm



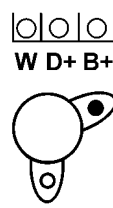
**111741** Alternator 14 V, 70 Amp

Replacing: 92VB10300BB, 92VB10300BA, 92VB10300AB, 89BX10300LB, 89BX10300HB, 89BB10300MB, 89BB10300MA

Servicing: Ford

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

B: 11.50 C: 81.00 mm



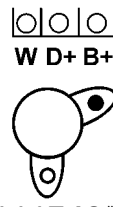
**111742** Alternator 14 V, 70 Amp

Replacing: R954F10300AA, 924X10300AB, 924FX10K359AA, 924FX10K359, 924F10K359AB, 924F10K359AA, 924F10300AB

Servicing: Ford

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

A: 34.00 B: 12.00 C: 83.00 mm



**111743<sup>#</sup>** Alternator 14 V, 55 Amp

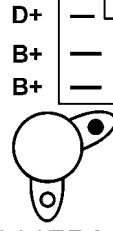
Replacing: 914F10K359AA, 914F10K359A, 914F10300AB, 914F10300AA

Servicing: Ford

B+ M6, Terminal W, Grooves 4, Pulley SP, Fan w/o

With vacuum pump: HC-CARGO 111367.

A: 33.45 B: 12.25 C: 82.50 mm



**111754** Alternator 14 V, 70 Amp

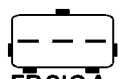
Replacing: R89FX10300AA, R894X10300BA, R894X10300AA, 894X10300BA, 864FX10K359FE, 864F10K359GL, 864F10K359GD

Servicing: Ford

B+ 9.40, Grooves 4, Pulley SP, Fan w/o

Without vacuum pump: HC-CARGO 110607.

A: 33.65 B: 12.25 C: 82.70 mm


**FRSIGA  
LI RC A**

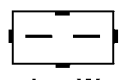
**111795** Alternator 14 V, 80 Amp

Replacing: 98AB10300GM, 98AB10300GL, 98AB10300GK, 98AB10300GJ, 98AB10300GH, 98AB10300GG, 98AB10300GF

Servicing: Ford

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

A: 12.50 B: 72.00 C: 53.00 mm


**L W**

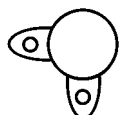
**111797** Alternator 14 V, 95 Amp

Replacing: 98VP10K359BB, 98VP10K359BA, 98VB10K359BC, 98VB10K359BB, 98VB10K359BA, 98VB10K359AB, 1086299

Servicing: Ford

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

A: 34.00 B: 13.30 C: 81.00 mm

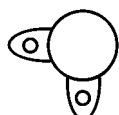

**DF D+**

**111828** Alternator 14 V, 120 Amp

Replacing: 97VW10300EA, 1076005

Servicing: Ford, Seat, Volvo, VW

B+ M8, Pulley w/o, Fan IF

B: 14.10 C: 59.00 mm

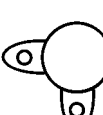

**DF D+**

**111988** Alternator 14 V, 120 Amp

Replacing: R95VW10300ABA, 95VW10300ABA, 1031898, 1018818

Servicing: Ford, Seat, VW

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

A: 39.00 B: 13.90 C: 59.00 mm


**L DFM**

**112002** Alternator 14 V, 120 Amp

Replacing: YM2110300AA, 98VW10300EA, 3M2110300BA, 1253624, 1110413, 1100712

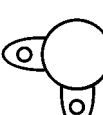
Servicing: Audi, Ford, Seat, Skoda, VW

B+ M8, Terminal W, Grooves 6, Pulley w/o, Fan IF

As HC-CARGO 114797, but without pulley

 Alternative no.: 115483 **5\***

A: 39.5 B: 14.50 C: 59.00 mm

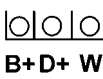

**L DFM**

**112079** Alternator 14 V, 90 Amp

Replacing: 98VW10300CA, 98VN10300CA, 3M2110300AA, 1100711

Servicing: Audi, Ford, Seat, Skoda, VW

B+ M8, Pulley w/o, Fan IF

B: 14.00 C: 61.00 mm


**B+ D+ W**

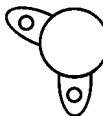
**112121** Alternator 14 V, 70 Amp

Replacing: R97AB10300AE, R97AB10300AD, 97AB10300AE, 97AB10300AD, 97AB10300AC, 97AB10300AB, 97AB10300AA

Servicing: Ford, Mazda

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

A: 33.00 B: 14.40 C: 55.50 mm

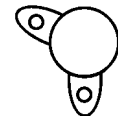

**FRSIGA  
LI RC A**

**112142** Alternator 14 V, 90 Amp

Replacing: 98AB10300JG, 98AB10300JF, 98AB10300JE, 98AB10300JD, 98AB10300JC, 98AB10300JB, 98AB10300JA

Servicing: Ford

B+ M6, Pulley w/o, Fan IF

B: 14.00 C: 63.20 mm

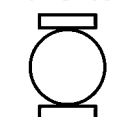

**FRSIGA  
LI RC A**

**112143** Alternator 14 V, 80 Amp

Replacing: 98AB10300DJ, 98AB10300DH, 98AB10300DG, 98AB10300DF, 98AB10300DE, 98AB10300DD, 98AB10300DC

Servicing: Ford, Lister

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

A: 34.00 B: 13.80 C: 62.40 mm

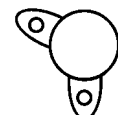

**I S A**

**112151** Alternator 14 V, 95 Amp

Replacing: F5RU10316AA, 97BB10300BD, 97BB10300BC, 97BB10300BB, 97BB10300BA, 93BB10300FG, 93BB10300FF

Servicing: Ford

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

A: 46.00 B: 57.00 mm

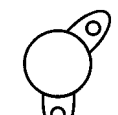

**LDFMS**

**112198** Alternator 14 V, 105 Amp

Replacing: 98BB10300BE, 98BB10300BD, 98BB10300BC, 1085875, 1073771

Servicing: Ford

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

A: 33.50 B: 14.00 C: 59.00 mm


**112298** Alternator 14 V, 80 Amp

Replacing: F6PU10346SA, F6PU10300SA

Servicing: Citroen, Fiat, Peugeot

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

A: 42.00 B: 26.10 C: 66.70 mm





**B+ D+ W**



**112325** Alternator 14 V, 70 Amp

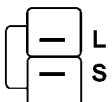
Replacing: R95FF10300AC, R95FF10300AA, 95FF10300AD, 95FF10300AC, 95FF10300AB, 95FF10300AA, 93FF10300AA

Servicing: Ford

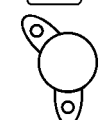
B+ M6, Terminal W, Grooves 5, Pulley SP, Fan IF

D+ kan være med M4

A: 33.00 B: 14.20 C: 82.30 mm



L  
S



**112352** Alternator 14 V, 70 Amp

Replacing: XM3410300BA, XM3410300AA, 6M3410300AB, 4344538, 3601014

Servicing: Ford, Mazda

B+ M8, Grooves 2, Pulley DP, Fan IF

A: 42.00 B: 13.00 C: 65.00 mm



A S I



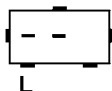
**112377<sup>#</sup>** Alternator 14 V, 215 Amp

Replacing: F5UZ10346CA, F5UU10300CA

Servicing: Ford

B+ M10, Grooves 8, Pulley SP, Fan EF

A: 39.50 B: 92.40 C: 74.00 mm



L



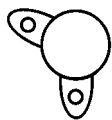
**112654** Alternator 14 V, 90 Amp

Replacing: YS6110300BF, YS6110300BB, 1122105

Servicing: Ford

B+ M6, Pulley w/o, Fan IF

B: 17.25 C: 62.60 mm



**112680** Alternator 14 V, 70 Amp

Replacing: R95AB10300DB, 95AB10300DI, 95AB10300DC, 95AB10300DB, 95AB10300DA, 7355509, 5030656

Servicing: Ford

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

A: 33.50 B: 14.00 C: 80.00 mm



**B+ D+ W**



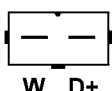
**112698** Alternator 14 V, 100 Amp

Replacing: R95GB10300MB, R95GB10300MA, 95GB10300MB, 95GB10300MA, 95GB10300LB, 95GB10300LA, 7312901, 5030343

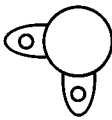
Servicing: Ford

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

A: 33.00 B: 14.10 C: 83.30 mm



W D+



**112709** Alternator 14 V, 120 Amp

Replacing: R95VW10300KB, 95VW10300KB, 95VW10300KA, 7361230

Servicing: Ford, VW

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

A: 43.00 B: 14.00 C: 61.00 mm



**B+ D+ W**



**112718** Alternator 14 V, 100 Amp

Replacing: F2NN10B376AA, F0NN10B376CA, F0NN10B376BB

Servicing: Ford, New Holland

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

A: 32.00 B: 14.00 C: 83.80 mm



**112725** Alternator 14 V, 70 Amp

Replacing: 86EF10300BA, 85GX10300GA

Servicing: Ford

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

A: 36.50 B: 13.80 C: 82.30 mm



**112747** Alternator 28 V, 55 Amp

Replacing: 83DB10346AA, 1620918

Servicing: Deutz-Fahr, Ford, Iveco, KHD

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

B: 56.00 mm



**W D+ B+**



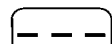
**112759<sup>#</sup>** Alternator 14 V, 90 Amp

Replacing: 89BX10300NC, 89BX10300KC

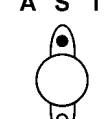
Servicing: Ford

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

A: 33.40 B: 14.00 C: 82.00 mm



A S I



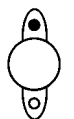
**112835** Alternator 14 V, 65 Amp

Replacing: GL253, GL248, GL241A, GL241-A, GL241, GL237, EDE7AF10300BA, E8SF0300BA, E8PZ10346A, E8PF10346AA

Servicing: Ford, Lincoln, Mercury

B+ Plug, Grooves 6, Pulley SP, Fan EF  
Replacing: 2G series.

A: 95.50 B: 76.30 mm


**112842** Alternator 14 V, 75 Amp

 Replacing: GL520, E9PZ10346A, E99F10300BA  
 Servicing: Ford

 B+ Plug, Grooves 6, Pulley SP, Fan EF  
 Replacing: 2G series.

A: 96.00 B: 76.20 mm


**112914** Alternator 14 V, 100 Amp

 Replacing: E7TF10300GA, E1VF10300AA,  
 E1VF10300A, E1BF10300CA, D9BF10300AA,  
 D8VF10300BA

Servicing: Ford, Lincoln, Mercury

 B+ M6, Grooves 1, Pulley P, Fan EF  
 Replacing: 1G series. Regulator: HC-CARGO  
 130506.

A: 104.50 B: 76.35 mm


**112921** Alternator 14 V, 95 Amp

 Replacing: GL312, F3VU10300AA,  
 F1VY10346B, F1VU10300BC, F1VU10300BB

Servicing: Ford, Lincoln, Mercury

 B+ M6, Grooves 7, Pulley SP, Fan IF  
 Replacing: 3G series.

A: 50.00 B: 25.70 mm

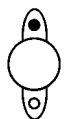

**112924#** Alternator 14 V, 130 Amp

 Replacing: GL390, GL-390, F6UU10300DA,  
 F6UU-10300-DA, F6PZ10346XA, F6PZ-10346-  
 XA, F6PU10346XA, F6PU-10346-XA

Servicing: Ford

 B+ M6, Grooves 2, Pulley DP, Fan IF  
 Replacing: 3G series.

A: 102.50 B: 76.00 mm


**112925#** Alternator 14 V, 130 Amp

 Replacing: GL319, GL-319, F2UU10300BE,  
 F2UU-10300-BE

Servicing: Ford

 B+ M6, Grooves 5, Pulley SP, Fan IF  
 Replacing: 3G series.

A: 99.00 B: 76.30 mm

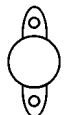

**112927** Alternator 14 V, 130 Amp

 Replacing: GL317, GL-317, F6PU10346AA,  
 F6PU-10346-AA, F6AZ10346AA, F6AZ-10346-  
 AA, F3PU10346AC, F3PU-10346-AC

Servicing: Ford, Lincoln, Mercury

 B+ M5, Grooves 6/7, Pulley SP, Fan IF  
 Replacing: 3G series.

A: 49.50 B: 25.30 mm


**112931** Alternator 14 V, 130 Amp

 Replacing: GL329, GL-329, F3DU10300BB,  
 F3DU-10300-BB

Servicing: Ford, Mercury

 B+ M6, Grooves 6, Pulley SP, Fan EF  
 Replacing: 3G series.

A: 97.00 B: 77.00 mm

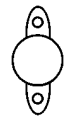
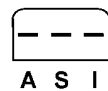

**112932** Alternator 14 V, 130 Amp

 Replacing: F5AU10300AA, F3AZ10346A,  
 F3AU10300CA, F3AU-10300-CA

Servicing: Ford, Lincoln, Mercury

 B+ M6, Grooves 6, Pulley SP, Fan IF  
 Replacing: 3G series.

A: 49.00 B: 25.50 mm

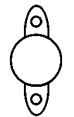

**112933** Alternator 14 V, 130 Amp

 Replacing: GL344, GL-344, F8ZU-10300-AA,  
 F4ZU10300DA, F4ZU-10300-DA, F4SU10300AB,  
 F4SU-10300-AB, F4PZ10346B

Servicing: Ford, Mercury

 B+ M6, Grooves 6, Pulley SP, Fan IF  
 Replacing: 3G series.

A: 97.00 B: 76.25 mm

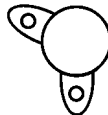

**112936** Alternator 14 V, 130 Amp

 Replacing: GL428, GL-428, F8PZ10346CA,  
 F8PZ-10346-CA, F8PU10346CA, F8PU-10346-  
 CA, F8DU10300AA, F8DU-10300-AA

Servicing: Ford, Mercury

 B+ M6, Grooves 6, Pulley SP, Fan IF  
 Replacing: 3G series.

A: 97.50 B: 76.20 mm

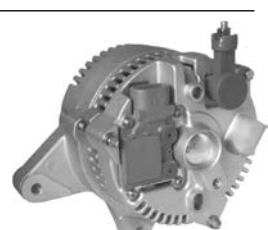

**112939** Alternator 14 V, 130 Amp

 Replacing: XS9110300AB, R96BB10300BA,  
 GL481, GL416, GL385, GL347, F6RZ10346BB,  
 F6RZ-10346-BB, F6RU10300AA

Servicing: Ford, Mercury

 B+ M6, Grooves 6, Pulley SP, Fan IF  
 Replacing: 3G series.

A: 49.00 B: 25.75 mm


**112940** Alternator 14 V, 95 Amp

 Replacing: GL372, GL-372, F7UU10300AB,  
 F7UU10300AA, F6PZ10346RA, F6PZ-10346-RA,  
 F65U10300EA, F65U-10300-EA

Servicing: Ford

 B+ M6, Grooves 8, Pulley SP, Fan IF  
 Replacing: 3G series.

A: 48.50 B: 25.30 mm



**112942** Alternator 14 V, 130 Amp

Replacing: XW7Z10346AA, XW7U10300AA, GL434RM, GL434, GL406, GL384, GL-406, GL-384, F8OZ10346CA, F8OZ-10346-CA

Servicing: Ford, Lincoln, Mercury

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

Replacing: 4G series.

A: 49.50 B: 30.60 mm



**112943** Alternator 14 V, 130 Amp

Replacing: GL357, GL356, GL-357, GL-356, F6ZZ10346B, F6ZZ-10346-B, F6ZU10300BG, F6ZU10300BE, F6ZU10300BC

Servicing: Ford, Lincoln

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

Replacing: 4G series.

A: 49.00 B: 30.50 mm



**112944** Alternator 14 V, 130 Amp

Replacing: YF1Z10346E, YF1U10300EN, YF1U10300EB, YF0U10300EA, GL452RM, GL452, GL355, GL-355, F6DZ10346B

Servicing: Ford, Mercury

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

Replacing: 4G series.

A: 74.35 B: 45.00 mm



**112946** Alternator 14 V, 130 Amp

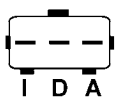
Replacing: XL2Z10346AA, XL2Z-10346-AA, XL2U10300AA, GL423RM, GL423, GL363, GL-363, F77Z10346AB, F77Z-10346-AB

Servicing: Ford, Mercury

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

Replacing: 4G series.

A: 39.50 B: 55.50 C: 56.00 mm



**112947** Alternator 14 V, 135 Amp

Replacing: GL407, GL-407, F8AZ10346AB, F8AZ-10346-AB, F8AU10300AD, F8AU10300AC, F8AU10300AB, F8AU-10300-AC

Servicing: Ford, Lincoln, Mercury

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

Replacing: 6G series.

A: 49.35 B: 25.75 mm



**112949** Alternator 14 V, 110 Amp

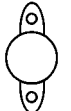
Replacing: GL412RM, GL412, F81Z10346EA, F81Z-10346-EA, F81U10300EB, F81U-10300-EB

Servicing: Ford

B+ M6, Grooves 8, Pulley SP, Fan IF

Replacing: 6G series.

A: 40.00 B: 55.00 C: 74.00 mm



**112951** Alternator 14 V, 105 Amp

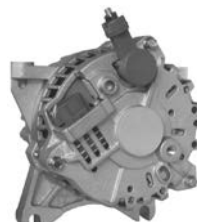
Replacing: XF2Z10346AA, XF2Z-10346-AA, XF2U10300AB, XF2U-10300-AB, GL425

Servicing: Ford

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

Replacing: 6G series.

A: 98.00 B: 76.30 mm



**112954** Alternator 14 V, 105 Amp

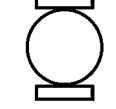
Replacing: XR3Z10346AA, XR3Z-10346-AA, XR3U10300AC, XR3U10300AB, XR3U10300AA, XR3U-10300-AB, XR3U-10300-AA

Servicing: Ford

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

Replacing: 6G series.

A: 50.00 B: 25.50 mm



**112956** Alternator 14 V, 130 Amp

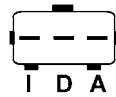
Replacing: XF2Z10346BA, XF2Z-10346-BA, XF2U10300BE, XF2U10300BD, XF2U10300BC, XF2U-10300-BC, GL426RM, GL426

Servicing: Ford

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

Replacing: 6G series.

A: 39.50 B: 55.50 C: 74.00 mm



**112958** Alternator 14 V, 110 Amp

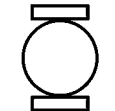
Replacing: GL462RM, GL462, GL456RM, GL456, 98AZ10346EN, 98AZ10346EA, 98AZ-10346-EA, 98AB10300EB, 98AB-10300-EB

Servicing: Ford, Mazda

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

Replacing: 6G series.

A: 33.85 B: 14.25 C: 63.30 mm



**112953** Alternator 14 V, 110 Amp

Replacing: GL411, GL-411, F81Z10346DA, F81Z-10346-DA, F81U10300DE, F81U10300DD, F81U10300DC, F81U10300DB

Servicing: Ford

B+ M6, Grooves 8, Pulley SP, Fan IF

Replacing: 6G series.

A: 39.50 B: 55.50 C: 74.00 mm



**112959** Alternator 14 V, 110 Amp

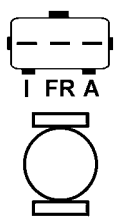
Replacing: GL455RM, GL455, 98AZ10346FA, 98AZ-10346-FA, 98AB10300FC, 98AB-10300-FC

Servicing: Ford

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

Replacing: 6G series.

A: 40.00 B: 55.00 C: 75.00 mm


**112961** Alternator 14 V, 110 Amp

Replacing: GL463, 1L8Z10346CB, 1L8Z-10346-CB, 1L8U10300CE, 1L8U10300CD, 1L8U-10300-CE, 1L8U-10300-CD

Servicing: Ford, Mazda

B+ M6, Grooves 6, Pulley SP, Fan IF  
Replacing: 6G series.

A: 40.50 B: 55.20 C: 74.00 mm


**112993** Alternator 14 V, 130 Amp

Replacing: GL358, GL332, GL-358, GL-332, F8ZU10300AA, F5HZ10346A, F4PU10346BA, F4HT10300KA, F4HT10300FA

Servicing: Cummins, Ford, International, Volvo

B+ 1/4" UNF, Terminal W, Pulley w/o, Fan EF  
Replacing: 21SI. Negative grounding. One wire system. B+ 1/4".

B: 14.20 C: 101.50 mm

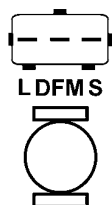

**113236**<sup>#</sup> Alternator 14 V, 75 Amp

Replacing: GL276, GL-276, FOCU10346A, F3CU10346AC, F3CU10300AD, F23Z10346A, F23Z-10346-A, F23U10300DA

Servicing: Ford, Mercury

B+ M6, Grooves 6, Pulley SP, Fan IF  
Replacing: 3G series.

A: 43.50 B: 13.10 C: 64.30 mm

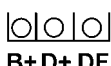

**113285** Alternator 14 V, 75 Amp

Replacing: YC1U10300DE, YC1U10300DC, YC1U10300DB, YC1U10300DA, YC1U10300BB, YC1T10300BJ, YC1T10300BH

Servicing: Ford

B+ M6, Grooves 7, Pulley SP/FW, Fan IF  
With single pulley: HC-CARGO 113544.

A: 38.60 B: 55.25 C: 74.50 mm


**113447** Alternator 14 V, 70 Amp

Replacing: R96FB10300DD, R96FB10300DC, 96FB10300DE, 96FB10300DD, 96FB10300DC, 96FB10300DA, 1036244

Servicing: Ford, Mazda

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

A: 33.00 B: 13.90 C: 80.20 mm


**113535** Alternator 14 V, 85 Amp

Replacing: 9S5110346BB, 9S5110346BA, 1673521, 1535437

Servicing: BMW, Fiat, Lancia

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

A: 16.30 B: 24.20 C: 51.00 mm

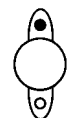

**113548**<sup>#</sup> Alternator 14 V, 90 Amp

Replacing: E9NN10300AA

Servicing: Various Industrial applications

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

A: 75.00 B: 51.00 mm

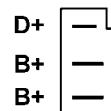

**113562** Alternator 14 V, 40 Amp

Replacing: SBA185046320

Servicing: Ford, New Holland

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

A: 42.00 B: 12.90 C: 81.50 mm

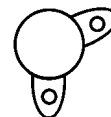
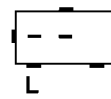

**113574** Alternator 14 V, 65 Amp

Replacing: 81DB10300BB, 81DB10300BA, 6173461

Servicing: Case, New Holland, Valtra

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

A: 36.85 B: 10.40 C: 83.00 mm

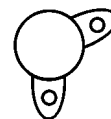

**113599** Alternator 14 V, 80 Amp

Replacing: YS6110300CC, YS6110300CB, YS6110300CA, YS1610300CC, 1128296

Servicing: Ford

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

A: 33.20 B: 16.70 C: 53.90 mm


**113621** Alternator 14 V, 115 Amp

Replacing: 1C1T10300BB

Servicing: Ford, New Holland

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

A: 33.55 B: 14.10 C: 83.35 mm


**113623** Alternator 14 V, 70 Amp

Replacing: F2NN10B376CA, F2NN10B376BA, F0NN10B376AA

Servicing: Ford, Honda

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

B: 12.00 C: 82.60 mm



**113708** Alternator 14 V, 115 Amp  
 Replacing: 1S7TT10300CC, 1S7TT10300CB, 1S7T10300CF, 1S7T10300CE, 1S7T10300CD, 1S7T10300CC, 1S7T10300CB  
 Servicing: Ford  
 B+ M6, Grooves 6, Pulley SP/FW, Fan IF  
 A: 41.00 B: 55.00 C: 74.00 mm



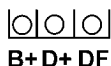
**113709** Alternator 14 V, 115 Amp  
 Replacing: 1S7T10300DF, 1S7T10300DE, 1S7T10300DD, 1S7T10300DC, 1S7T10300DB, 1S7T10300DA, 1S7T10300BE  
 Servicing: Ford, Jaguar  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 41.00 B: 55.00 C: 86.50 mm



**113710** Alternator 14 V, 140 Amp  
 Replacing: 5128967, 5128966, 4531026, 4531025, 4394204, 4374448, 4374447, 4371001, 4371000, 2T1U10300CG  
 Servicing: Ford  
 B+ M6, Pulley w/o, Fan IF  
 B: 14.00 C: 69.00 mm



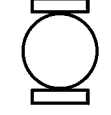
**113765** Alternator 14 V, 90 Amp  
 Replacing: FOHU10346FA, FOHU10346CA, EZHT10346EB, E4HT10300AA, E2HT10300GA, E2HT10300FA, E2HT10300EB  
 Servicing: Various Industrial applications  
 B+ 1/4" UNC, Terminal W, Pulley w/o, Not Insulated return  
 B: 76.05 mm



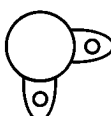
**113833** Alternator 14 V, 90 Amp  
 Replacing: R97KB10300AA, 97KB10300AB, 97KB10300AA, 1135454, 1032333, 1025547  
 Servicing: Ford  
 B+ M8, Terminal DF, Grooves 6, Pulley SP, Fan IF  
 DF M5.  
 A: 33.00 B: 13.80 C: 78.60 mm



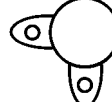
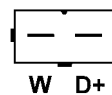
**113849** Alternator 14 V, 150 Amp  
 Replacing: 8M5T10300YB, 8M5T10300YA, 3M5T10300YE, 3M5T10300YD, 3M5T10300YC, 3M5T10300YB, 3M5T10300YA, 1708322  
 Servicing: Ford, Mazda, Volvo  
 B+ M8, Grooves 6, Pulley SP/FW, Fan IF  
 A: 42.50 B: 21.00 C: 45.00 mm



**113883** Alternator 14 V, 90 Amp  
 Replacing: 3S5T10300AB, 3S5T10300AA, 2S6T10300FC, 2S6T10300FB, 2S6T10300FA, 1479818, 1464755, 1450644, 1229424  
 Servicing: Ford  
 B+ M6, Grooves 6, Pulley SP, Fan IF, Not Insulated return  
 A: 39.58 B: 54.87 C: 74.00 mm



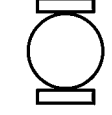
**113884** Alternator 14 V, 150 Amp  
 Replacing: YM2110300CA, 6M2110346CA, 1580265, 1188206, 1118206  
 Servicing: Ford, Jeep, Mitsubishi, Seat, VW  
 B+ M8, Grooves 6, Pulley SP/FW, Fan IF  
 A: 39.00 B: 14.35 C: 59.00 mm



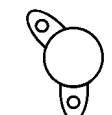
**113885** Alternator 14 V, 150 Amp  
 Replacing: R95VW10300SA, 95VW10300SA, 7361233, 1012459  
 Servicing: Audi, Ford, Mercedes-Benz, Seat, VW  
 B+ M8, Terminal W, Grooves 7, Pulley SP, Fan IF  
 A: 42.85 B: 14.15 C: 61.00 mm



**113912** Alternator 14 V, 80 Amp  
 Replacing: 3S6T10300AD, 3S6T10300AC, 3S6T10300AB, 3S6T10300AA, 2S6T10300AC, 2S6T10300AB, 2S6T10300AA, 1545138  
 Servicing: Ford, Mazda  
 B+ M8, Pulley w/o, Fan IF  
 B: 21.00 C: 45.00 mm



**113913** Alternator 14 V, 124 Amp  
 Replacing: YC1U10300EC, YC1U10300EB, YC1U10300EA, 4461712, 4362258, 2C1T10300BB, 2C1T10300BA  
 Servicing: Ford  
 B+ M6, Grooves 7, Pulley SP/FW, Fan IF  
 A: 40.00 B: 55.00 C: 74.00 mm



**113914** Alternator 14 V, 100 Amp  
 Replacing: R95VB10300BB, 98VB10300BC, 95VB10300BC, 95VB10300BB, 1072455  
 Servicing: Ford  
 B+ M6, Terminal W, Grooves 6, Pulley SP, Fan IF  
 A: 33.30 B: 14.00 C: 82.70 mm



**113920** Alternator 28 V, 35 Amp

Replacing: 1021198

Servicing: MAN, Mercedes-Benz, Padane

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

B: 80.40 mm



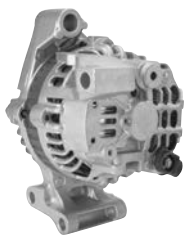
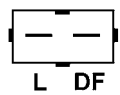
**113922** Alternator 14 V, 120 Amp

Replacing: 3M5T10300PD, 3M5T10300PC, 3M5T10300PB, 3M5T10300PA, 1477737, 1255712, 1229258

Servicing: Ford, Mazda, Volvo

B+ M8, Pulley w/o, Fan IF SP/FW pulley 237610

B: 22.00 C: 45.00 mm



**113952** Alternator 14 V, 70 Amp

Replacing: 98MF10300CC, 98MF10300CB, 98MF10300CA, 1122238, 1098747, 1088304

Servicing: Ford

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

A: 11.00 B: 72.00 C: 52.00 mm



**113958** Alternator 14 V, 150 Amp

Replacing: AC1T10300BB, AC1T10300BA, 6C1T10300BD, 6C1T10300BC, 6C1T10300BB, 6C1T10300BA, 1747021, 1712779

Servicing: Citroen, Fiat, Ford, Peugeot

B+ M8, Pulley w/o, Fan IF

Alternative no.: 115499

B: 92.80 C: 74.00 mm



**113978** Alternator 14 V, 120 Amp

Replacing: 3M5T10300VD, 3M5T10300VC, 3M5T10300VB, 3M5T10300VA, 1530299, 1256552

Servicing: Ford, Volvo

B+ M8, Pulley w/o, Fan IF

B: 72.00 C: 68.80 mm



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**114009** Alternator 14 V, 105 Amp

Replacing: 3N1110300AG, 3N1110300AF, 3N1110300AE, 3N1110300AD, 3N1110300AC, 3N1110300AB, 3N1110300AA, 1708472

Servicing: Ford

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

A: 10.00 B: 72.00 mm



**114064** Alternator 14 V, 150 Amp

Replacing: 6C1T10300CD, 6C1T10300CC, 6C1T10300CB, 6C1T10300CA, 1581844, 1404792, 1372737

Servicing: Ford, Land Rover

B+ M8, Grooves 7, Pulley w/o

A: 42.50 B: 93.00 C: 74.00 mm



NEW PRODUCT

[www.hc-cargo.com](http://www.hc-cargo.com)

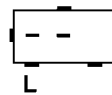
**114065** Alternator 14 V, 120 Amp

Replacing: 3M5T10300LD, 3M5T10300LC, 3M5T10300LB, 3M5T10300LA, 1530298, 1322879

Servicing: Ford

B+ M8x1.25, Grooves 6, Pulley SP, Fan IF

A: 75.00 B: 72.00 C: 68.80 mm



**114066** Alternator 14 V, 90 Amp

Replacing: YS6110300DE, YS6110300DB, YS6110300DA, 1117829

Servicing: Ford

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

A: 33.00 B: 14.00 C: 54.00 mm



NEW PRODUCT

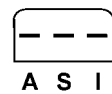
[www.hc-cargo.com](http://www.hc-cargo.com)

**114083\*** Alternator 14 V, 150 Amp

Replacing: 3M5T10300NC, 3M5T10300NB, 1633079

Servicing: Volvo

Pulley w/o, Fan IF



**114120** Alternator 14 V, 75 Amp

Replacing: F8RU10300BA

Servicing: Ford

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

A: 41.50 B: 13.00 C: 66.50 mm



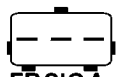
**114128** Alternator 14 V, 150 Amp

Replacing: 5190803, 2S6T10300BC, 2S6T10300BB, 2S6T10300BA, 1485762, 1140136

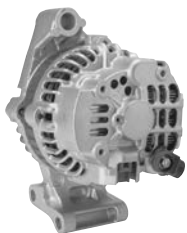
Servicing: Ford, Mazda

B+ M8, Pulley w/o, Fan IF

B: 21.00 C: 45.00 mm



FRSIGA  
LI RC A



**114129** Alternator 14 V, 90 Amp

Replacing: 2S6T10300DE, 2S6T10300DD, 2S6T10300DC, 2S6T10300DB, 2S6T10300DA, 2S6T10300CB, 1592234, 1478281

Servicing: Ford, Mazda

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

A: 11.00 B: 72.00 C: 52.00 mm

**NEW PRODUCT**  
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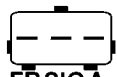
**114157** Alternator 14 V, 120 Amp

Replacing: 3M5T10300JD, 3M5T10300JC, 3M5T10300JB, 3M5T10300JA, 1684865, 1374082

Servicing: Ford

B+ M8x1.25, Grooves 5, Pulley SP/FW, Fan IF

A: 71.20 B: 38.20 C: 90.00 mm



FRSIGA  
LI RC A



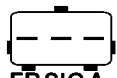
**114248** Alternator 14 V, 150 Amp

Replacing: 4M5T10300UD, 4M5T10300UC, 4M5T10300UB, 4M5T10300UA, 1477740, 1352431

Servicing: Ford

B+ M8, Pulley w/o, Fan IF

B: 14.00 C: 52.00 mm



FRSIGA  
LI RC A



**114250** Alternator 14 V, 120 Amp

Replacing: 4M5T10300KB, 4M5T10300KA, 1302007

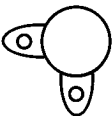
Servicing: Ford

B+ M8, Pulley w/o, Fan IF, Not Insulated return

B: 17.20 C: 52.20 mm



L DFM



**114797** Alternator 14 V, 120 Amp

Replacing: YM2110300AA, 98VW10300EA, 3M2110300BA, 1253624, 1110413, 1100712

Servicing: Audi, Ford, Seat, Skoda, VW

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

As HC-CARGO 112002, but with pulley

A: 39,00 B: 14.50 C: 59.00 mm



FRSIGA  
LI RC A

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**114804\*** Alternator 14 V, 105 Amp

Replacing: 4M5T10300LD, 4M5T10300LC, 4M5T10300LB, 4M5T10300LA, 1496231, 1464564

B+ M8, Fan IF

B: 14.50 C: 52.00 mm



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**NEW PRODUCT**  
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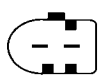
**114810\*** Alternator 14 V, 150 Amp

Replacing: 3M5T10300SD, 3M5T10300SC

Servicing: Volvo

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

A: 33.50 B: 33.00 C: 91.50 mm



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**114866\*** Alternator 14 V, 120 Amp

Replacing: 8V2110300AB, 1506299

Grooves 6, Pulley SP/FW, Fan IF



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**114883\*** alternator 14 V, 120 Amp

Replacing: AV6N10300HA, 7G9N10300CC, 7G9N10300CA, 1698214, 1685794, 1469714

Servicing: Ford

Grooves 6, Pulley SP, Fan IF



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**115365\*** Alternator 14 V, 150 Amp

Replacing: 7G9N10300EA, 1458640

Grooves 6, Pulley SP/FW, Fan IF

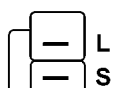

**110660<sup>#</sup>** Alternator 14 V, 65 Amp

Replacing: HAB165100

Servicing: Dodge, Hyundai, Mitsubishi, Plymouth

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

A: 38.25 B: 13.25 C: 55.00 mm

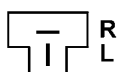

**110664** Alternator 14 V, 70 Amp

Replacing: HAB170144

Servicing: Ford, Mazda

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

A: 43.50 B: 13.10 C: 66.10 mm

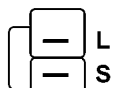

**110706** Alternator 14 V, 60 Amp

Replacing: HAD155500

Servicing: Ford, Kia, Mazda

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

A: 49.7 B: 13 C: 80.0 mm

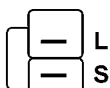

**110802** Alternator 14 V, 75 Amp

Replacing: HAB175120

Servicing: Dodge, Eagle, Hyundai, Mitsubishi, Plymouth

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

A: 35.00 B: 13.25 C: 77.60 mm

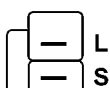

**110804** Alternator 14 V, 90 Amp

Replacing: HAB190120

Servicing: Dodge, Eagle, Hyundai, Kia, Mitsubishi, Plymouth

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

A: 34.85 B: 13.40 C: 77.40 mm

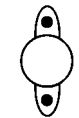
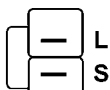

**110806** Alternator 14 V, 65 Amp

Replacing: HAD165500

Servicing: Mitsubishi

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

A: 44.40 B: 12.80 C: 56.30 mm

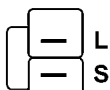

**111237** Alternator 14 V, 70 Amp

Replacing: HAB170140

Servicing: Kia, Mazda

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

A: 37.75 B: 13.00 C: 66.55 mm

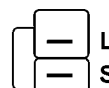

**111309** Alternator 14 V, 75 Amp

Replacing: HAB175200

Servicing: Hyundai, Proton

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

A: 34.15 B: 13.15 C: 54.50 mm

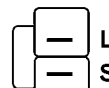

**111317** Alternator 14 V, 80 Amp

Replacing: HAB180101

Servicing: Ford, Kia, Mazda

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

A: 36.40 B: 13.20 C: 66.80 mm


**111337<sup>#</sup>** Alternator 14 V, 70 Amp

Replacing: HAB170103

Servicing: Mazda

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

A: 47.60 B: 13.10 C: 66.55 mm

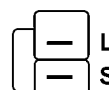

**111339** Alternator 14 V, 65 Amp

Replacing: HAD165504

Servicing: Mitsubishi

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

A: 44.70 B: 13.15 C: 54.50 mm


**111342** Alternator 14 V, 60 Amp

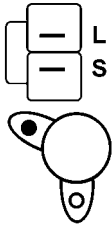
Replacing: HAB160102

Servicing: Mazda

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

A: 41.60 B: 13.20 C: 66.55 mm





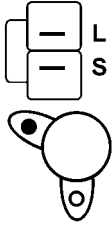
**111405** Alternator 14 V, 90 Amp

Replacing: HAB190140

Servicing: Hyundai

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

A: 35.00 B: 13.25 C: 55.45 mm



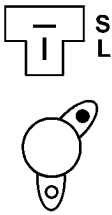
**111406** Alternator 14 V, 110 Amp

Replacing: HAB111100

Servicing: Dodge, Hyundai, Mitsubishi

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

A: 23.50 B: 17.25 C: 55.40 mm



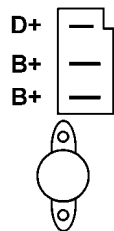
**111929** Alternator 14 V, 65 Amp

Replacing: HAD165520

Servicing: Hyundai

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

A: 44.50 B: 13.15 C: 54.50 mm

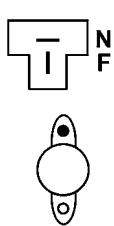

**110107** Alternator 14 V, 55 Amp

Replacing: LR150-191, LR150-190

Servicing: Massey Ferguson

B+ 6.30, Pulley w/o, Fan w/o

B: 27.00 mm

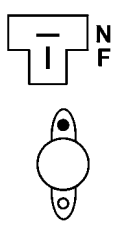

**110128** Alternator 14 V, 35 Amp

Replacing: LT135-69, LT135-54, LT135-36C, LT135-36, LT135-35C, LT135-35B, LT135-35A, LT135-35, LT135-30

Servicing: Chevrolet, Komatsu, Nissan, Subaru, TCM

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

A: 38.50 B: 11.50 C: 80.50 mm

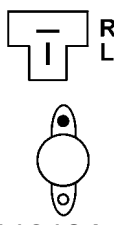

**110129** Alternator 14 V, 50 Amp

Replacing: LT160-23B, LT160-23, LT150-68, LT150-59, LT150-49, LT150-47, LT150-46, LT150-45, LT150-24B

Servicing: Isuzu, Nissan, Subaru

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

A: 41.00 B: 13.50 C: 80.50 mm

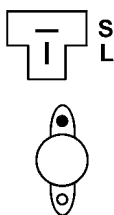

**110134** Alternator 14 V, 55 Amp

Replacing: LR150-165

Servicing: Mazda

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

A: 41.00 B: 12.50 C: 80.50 mm

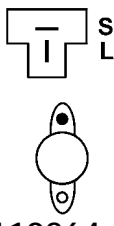

**110168** Alternator 14 V, 50 Amp

Replacing: LR150-99B, LR150-99, LR150-98E, LR150-98B, LR150-98, LR150-67, LR150-66, LR150-58, LR150-53

Servicing: Nissan

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

A: 42.50 B: 13.00 C: 81.00 mm

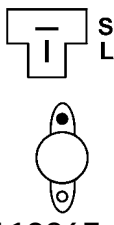

**110264** Alternator 14 V, 40 Amp

Replacing: LR140-133, LR140-132, LR138-01, LR135-70B, LR135-70, LR135-61B, LR135-61, LR135-133, LR135-132

Servicing: Nissan

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

A: 41.50 B: 13.20 C: 80.20 mm

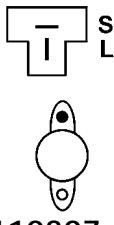

**110267** Alternator 14 V, 55 Amp

Replacing: LR160-138, LR160-137, LR155-25, LR155-18, LR155-17, LR155-15C, LR155-15B, LR155-15, LR150-110C

Servicing: Subaru

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

A: 41.00 B: 13.50 C: 80.25 mm

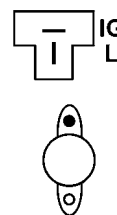

**110307** Alternator 14 V, 60 Amp

Replacing: LR160-78B, LR160-78, LR160-77, LR160-74, LR160-124, LR160-121, LR160-120, LR160-116, LR160-109C

Servicing: Mazda, Nissan

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

A: 42.50 B: 13.10 C: 80.40 mm

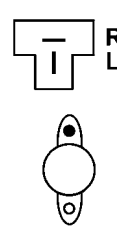

**110385** Alternator 14 V, 40 Amp

Replacing: LR140-128

Servicing: Bedford, Subaru, Suzuki

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

A: 41.0 B: 13.0 C: 56.0 mm

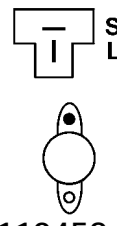

**110448** Alternator 28 V, 20 Amp

Replacing: LR220-24, LR220-23

Servicing: Mitsubishi, Various Agriculture Vehicles

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

A: 44.50 B: 13.50 C: 81.30 mm

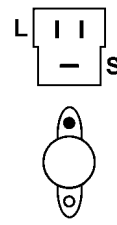

**110458** Alternator 14 V, 60 Amp

Replacing: LR160-84B, LR160-84, LR160-82B, LR160-82, LR160-44

Servicing: Nissan

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

A: 41.50 B: 13.00 C: 80.50 mm

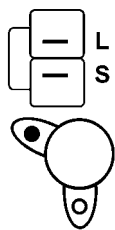

**110567** Alternator 28 V, 25 Amp

Replacing: LR225-67P, LR225-67B, LR225-67, LR225-65P, LR225-65E, LR225-65C, LR225-65B, LR225-65, LR225-60

Servicing: Nissan

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

A: 42.10 B: 13.67 C: 81.12 mm



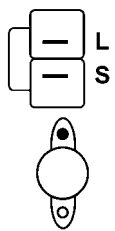
**110630<sup>#</sup>** Alternator 14 V, 70 Amp

Replacing: LR170-716B, LR170-716, LR170-715B, LR170-715

Servicing: Nissan

B+ M6, Grooves 6/4, Pulley SP, Fan EF

A: 35.35 B: 19.88 C: 81.30 mm



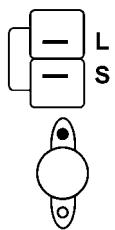
**110631** Alternator 14 V, 70 Amp

Replacing: LR170-738E, LR170-738C, LR170-738B, LR170-738, LR165-708E, LR165-708C, LR165-708B, LR165-708

Servicing: Nissan

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

A: 38.00 B: 24.85 C: 82.20 mm



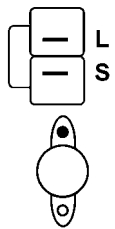
**110632** Alternator 14 V, 65 Amp

Replacing: LR165-707B, LR165-707

Servicing: Nissan

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

A: 38.80 B: 25.00 C: 80.80 mm



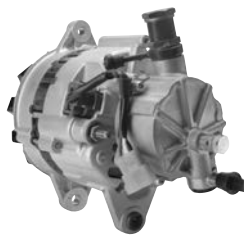
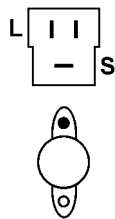
**110693<sup>#</sup>** Alternator 14 V, 60 Amp

Replacing: LR160-715

Servicing: Nissan

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

A: 38.80 B: 13.00 C: 81.20 mm



**110694** Alternator 14 V, 40 Amp

Replacing: LR140-408, LR140-402, LR140-130P, LR140-130B, LR140-130, LR140-119C, LR140-119

Servicing: Nissan

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

A: 42.00 B: 13.10 C: 80.45 mm



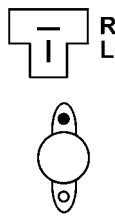
**110697** Alternator 14 V, 50 Amp

Replacing: LR150-55B, LR150-55, LR150-205B, LR150-205, LR150-201B, LR150-201, LR150-155B, LR150-155

Servicing: Chevrolet, Isuzu, Opel

B+ 9.30, Grooves 1, Pulley P, Fan EF

A: 48.85 B: 13.25 C: 98.65 mm



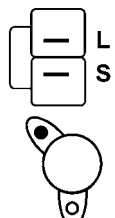
**110699** Alternator 14 V, 50 Amp

Replacing: LR155-414G, LR155-414F, LR155-414B, LR155-414, LR155-410G, LR155-410F, LR155-410BA, LR155-410B

Servicing: Ford, Mazda

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

A: 50.90 B: 13.00 C: 80.25 mm



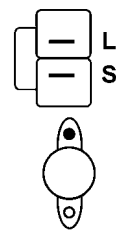
**110700** Alternator 14 V, 50 Amp

Replacing: LR150-443T, LR150-443S, LR150-428T, LR150-428S, LR150-428E, LR150-428C, LR150-428

Servicing: Nissan

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

A: 42.30 B: 13.90 C: 81.00 mm



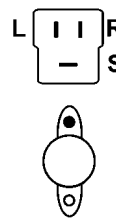
**110701** Alternator 14 V, 50 Amp

Replacing: LR150-435T, LR150-435S, LR150-435, LR150-430T, LR150-430S, LR150-430C, LR150-430

Servicing: Nissan

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

A: 41.80 B: 13.30 C: 80.50 mm



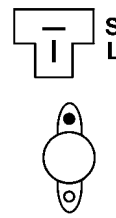
**110702<sup>#</sup>** Alternator 14 V, 70 Amp

Replacing: LR160-164, LR155-408, LR155-16P, LR155-16B, LR150-79S, LR150-79H, LR150-79F, LR150-79E, LR150-79C

Servicing: Nissan

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

A: 42.25 B: 13.30 C: 80.45 mm



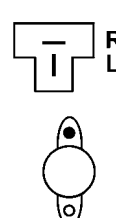
**110703** Alternator 14 V, 55 Amp

Replacing: LR155-23, LR150-64, LR150-200, LR150-199, LR150-151B, LR150-151, LR150-111

Servicing: Nissan, Subaru

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

A: 42.66 B: 13.00 C: 80.25 mm



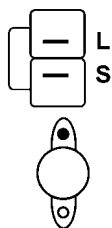
**110706** Alternator 14 V, 60 Amp

Replacing: LR160-450, LR160-441F, LR160-441, LR160-440G, LR160-440F, LR160-440, LR160-412S, LR160-412G

Servicing: Ford, Kia, Mazda

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

A: 49.7 B: 13 C: 80.0 mm

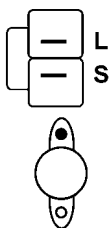

**110707** Alternator 14 V, 60 Amp

Replacing: LR160-422B, LR160-422

Servicing: Nissan

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

A: 42.00 B: 13.25 C: 80.50 mm

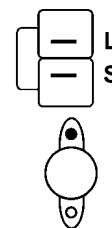

**111266** Alternator 14 V, 70 Amp

Replacing: LR170-739B, LR170-739, LR170-734B, LR170-734

Servicing: Nissan

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

A: 42.45 B: 12.50 C: 82.45 mm


**111316** Alternator 14 V, 60 Amp

Replacing: LR160-437T, LR160-437S, LR160-437, LR160-436T, LR160-436S, LR160-436, LR160-427T, LR160-427S

Servicing: Nissan

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

A: 60.10 B: 14.00 C: 81.15 mm


**111186** Alternator 14 V, 70 Amp

Replacing: LR170-427C, LR170-427BA, LR170-427B, LR170-427A, LR170-427, LR170-420B, LR170-420A, LR170-420

Servicing: Opel, Vauxhall

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

A: 42.00 B: 13.00 C: 78.20 mm

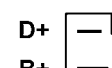

**111267** Alternator 14 V, 50 Amp

Replacing: LR150-78E, LR150-78C, LR150-78B, LR150-78, LR150-453B, LR150-453, LR150-449C, LR150-449B, LR150-449

Servicing: Isuzu, Opel, Vauxhall

B+ 9.30, Grooves 1, Pulley P, Fan IF

A: 48.00 B: 13.00 C: 81.50 mm


**111364** Alternator 14 V, 55 Amp

Replacing: LR150-189

Servicing: Ford, Rover

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

A: 35.50 B: 12.50 C: 81.00 mm


**111187** Alternator 14 V, 70 Amp

Replacing: LR170-411P, LR170-411F, LR170-411E, LR170-411D, LR170-411C, LR170-411B, LR170-411A, LR170-411

Servicing: Opel, Vauxhall

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

A: 41.50 B: 13.15 C: 77.00 mm

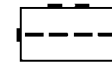

**111291<sup>#</sup>** Alternator 14 V, 55 Amp

Replacing: LR155-419B, LR155-419, LR155-418B, LR155-418, LR150-439B, LR150-439, LR150-438B, LR150-438

Servicing: Bedford, Isuzu, Vauxhall

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

A: 42.30 B: 13.10 C: 80.45 mm

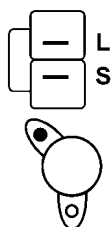

**111381** Alternator 14 V, 110 Amp

Replacing: LR1110-723E, LR1110-723C, LR1110-723B, LR1110-723, LR1110-720, LR1110-710F, LR1110-710E

Servicing: Infiniti, Nissan

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

A: 38.40 B: 13.25 C: 80.50 mm

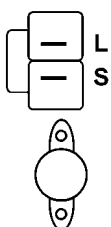

**111264** Alternator 14 V, 80 Amp

Replacing: LR180-737C, LR180-737B, LR180-736C, LR180-736B, LR180-736, LR180-725E, LR180-725C, LR180-725B

Servicing: Infiniti, Nissan

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

A: 37.85 B: 25.45 C: 81.15 mm

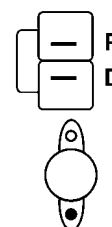

**111294** Alternator 14 V, 70 Amp

Replacing: LR170-504C, LR170-504B, LR170-504, LR170-502Q, LR170-502P, LR170-502C, LR170-502B, LR170-502

Servicing: Nissan

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

A: 41.65 B: 13.20 C: 80.50 mm


**111384** Alternator 14 V, 70 Amp

Replacing: LR170-758

Servicing: Kia, Mazda

 B+ M8, Grooves 4, Pulley SP, Fan IF  
ECU controlled.

A: 37.65 B: 13.15 C: 67.35 mm



**111467#** Alternator 14 V, 70 Amp

Replacing: LR170-422B, LR170-422, LR170-419B, LR170-419

Servicing: Opel, Vauxhall

B+ 9.40, Grooves 1, Pulley P, Fan EF  
A: 41.00 B: 13.00 C: 77.50 mm

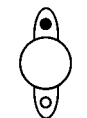
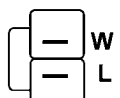


**111493** Alternator 28 V, 35 Amp

Replacing: LR225-409E, LR225-409B, LR225-409, LR225-408E, LR225-408C, LR225-408B, LR225-408

Servicing: Isuzu

B+ 9.40, Grooves 1, Pulley P, Fan EF  
A: 45.50 B: 13.50 C: 80.70 mm

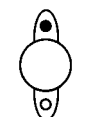


**111515** Alternator 14 V, 70 Amp

Replacing: LR170-511B, LR170-511A, LR170-511, LR170-505E, LR170-505D, LR170-505C, LR170-505B, LR170-505A

Servicing: AC, Opel, Vauxhall

B+ M8, Grooves 1, Pulley P, Fan IF  
A: 42.50 B: 13.00 C: 78.50 mm

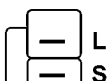


**111611** Alternator 14 V, 70 Amp

Replacing: LR170-732C, LR170-732B, LR170-732

Servicing: Subaru

B+ M6, Grooves 5, Pulley SP, Fan IF  
A: 46.20 B: 13.00 C: 81.30 mm

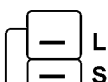


**111614** Alternator 28 V, 35 Amp

Replacing: LR235-405T, LR235-405S, LR235-405, LR235-404T, LR235-404S, LR235-404C, LR235-404, LR235-402

Servicing: Nissan

B+ M5, Grooves 2, Pulley DP, Fan EF  
A: 42.00 B: 13.50 C: 81.50 mm

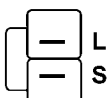


**111692** Alternator 14 V, 70 Amp

Replacing: LR170-421B, LR170-421, LR170-404E, LR170-404C, LR170-404B, LR170-404

Servicing: Nissan

B+ M6, Grooves 1, Pulley P, Fan EF  
A: 46.00 B: 13.00 C: 80.50 mm

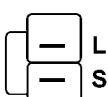


**111704** Alternator 14 V, 70 Amp

Replacing: LR170-750C, LR170-750B, LR170-750, LR170-748B, LR170-748, LR170-746M, LR170-746K, LR170-746J

Servicing: Nissan

B+ M8, Grooves 4, Pulley SP, Fan IF  
A: 37.45 B: 13.00 C: 81.00 mm



**111726** Alternator 14 V, 80 Amp

Replacing: LR180-741H, LR180-741C, LR180-741B, LR180-741

Servicing: Nissan

B+ M8, Grooves 6, Pulley SP, Fan IF  
A: 37.50 B: 25.00 C: 81.00 mm



**111767** Alternator 14 V, 80 Amp

Replacing: LR180-504, LR180-501C, LR180-501B, LR180-501

Servicing: Isuzu, Opel, Vauxhall

B+ M6, Grooves 1, Pulley P, Fan IF  
A: 49.00 B: 13.10 C: 80.90 mm

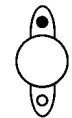
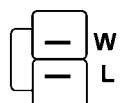


**111803** Alternator 14 V, 60 Amp

Replacing: S114-806A

Servicing: Renault

B+ M6, Grooves 1, Pulley P, Fan EF  
A: 50.50 B: 26.00 mm



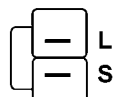
**111831** Alternator 14 V, 100 Amp

Replacing: LR1100-501B, LR1100-501

Servicing: Opel

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

A: 42.00 B: 13.00 C: 77.00 mm

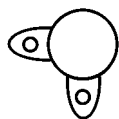


**111955** Alternator 14 V, 80 Amp

Replacing: LR180-735B, LR180-735

Servicing: Nissan, VW

B+ M6, Grooves 4, Pulley SP, Fan IF  
A: 38.00 B: 25.00 C: 81.00 mm


**112002** Alternator 14 V, 120 Amp

Replacing: LR1120-701

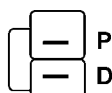
Servicing: Audi, Ford, Seat, Skoda, VW

B+ M8, Terminal W, Grooves 6,

Pulley w/o, Fan IF

As HC-CARGO 114797, but without pulley

A: 39.5 B: 14.50 C: 59.00 mm

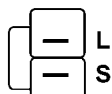

**112067** Alternator 14 V, 80 Amp

Replacing: LR180-766

Servicing: Mazda

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

A: 39.00 B: 12.50 C: 69.00 mm

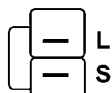

**112086** Alternator 14 V, 60 Amp

Replacing: LR150-425B, LR150-425

Servicing: Audi, Ford, Nissan

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

A: 42.00 B: 13.10 C: 80.40 mm


**112093** Alternator 14 V, 70 Amp

Replacing: LR170-413, LR170-412T, LR170-412S, LR170-412, LR170-408T, LR170-408S, LR170-408C, LR170-408B

Servicing: Nissan

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

A: 41.50 B: 13.00 C: 80.00 mm


**112228** Alternator 14 V, 60 Amp

Replacing: LR160-446E, LR160-446C, LR160-446B, LR160-446

Servicing: Isuzu, Opel, Vauxhall

B+ M5-9.40, Grooves 1, Pulley P, Fan EF

A: 48.00 B: 13.00 C: 80.50 mm

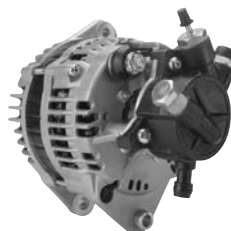
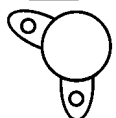
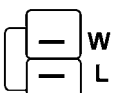

**112270** Alternator 14 V, 35 Amp

Replacing: LR135-95B, LR135-95, LR135-91, LR135-86F, LR135-86C, LR135-86B, LR135-86, LR135-74B, LR135-74

Servicing: Mazda

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

A: 41.85 B: 13.50 C: 81.65 mm


**112271** Alternator 14 V, 100 Amp

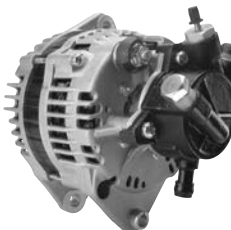
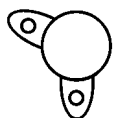
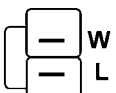
Replacing: LR1100-505E, LR1100-505D, LR1100-505C, LR1100-505B, LR1100-505A, LR1100-505, LR1100-504F

Servicing: Honda, Opel, Vauxhall

B+ M8, Terminal W, Grooves 6,

Pulley SP, Fan IF

A: 36.00 B: 12.90 C: 66.10 mm


**112272** Alternator 14 V, 70 Amp

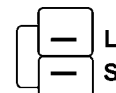
Replacing: LR170-509H, LR170-509G, LR170-509F, LR170-509E, LR170-509D, LR170-509C, LR170-509B, LR170-509A

Servicing: Opel, Vauxhall

B+ M8, Terminal W, Grooves 6,

Pulley SP, Fan IF

A: 36.00 B: 13.50 C: 66.30 mm


**112351** Alternator 14 V, 90 Amp

Replacing: LR190-734H, LR190-734G, LR190-734F, LR190-734E, LR190-734D, LR190-734C, LR190-734B, LR190-734A

Servicing: Nissan

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

A: 43.50 B: 13.00 C: 81.00 mm


**112375** Alternator 14 V, 80 Amp

Replacing: LR180-03C, LR180-03B, LR180-03A, LR180-03

Servicing: Yanmar

B+ M6, Terminal W, Grooves 1,

Pulley P, Fan EF, Insulated return

A: 41.50 B: 13.15 C: 80.30 mm


**112477** Alternator 28 V, 25 Amp

Replacing: LR225-88

Servicing: Mercury

B+ M6, Pulley w/o, Fan EF

B: 13.00 C: 84.00 mm

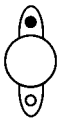

**112671** Alternator 14 V, 60 Amp

Replacing: LR160-735B

Servicing: Yanmar

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

A: 45.00 B: 13.00 C: 81.65 mm



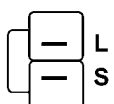
**112673** Alternator 14 V, 70 Amp

Replacing: LR170-767B, LR170-760, LR160-734B, LR160-734

Servicing: Isuzu, Opel

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

A: 44.50 B: 13.00 C: 81.40 mm



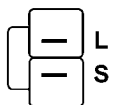
**112967#** Alternator 14 V, 50 Amp

Replacing: LR150-94B, LR150-197B, LR150-197, LR150-194B, LR150-194

Servicing: Nissan

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

A: 41.70 B: 13.00 C: 80.30 mm



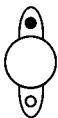
**112970** Alternator 14 V, 70 Amp

Replacing: LR170-701E, LR170-701B, LR170-701

Servicing: Nissan

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

A: 42.00 B: 13.00 C: 81.50 mm



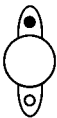
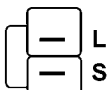
**112977#** Alternator 14 V, 60 Amp

Replacing: LR160-726B, LR160-726

Servicing: Honda, Isuzu

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

A: 91.50 B: 57.50 mm



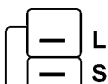
**113197#** Alternator 14 V, 60 Amp

Replacing: LR170-766B, LR170-766, LR170-757B, LR170-757, LR160-727C, LR160-727B, LR160-727

Servicing: Nissan

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

A: 42.00 B: 25.00 C: 81.50 mm



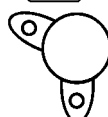
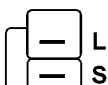
**113309#** Alternator 14 V, 90 Amp

Replacing: LR190-512C, LR190-512B, LR190-512

Servicing: Yanmar

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

A: 41.80 B: 13.00 C: 81.55 mm



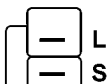
**113316** Alternator 14 V, 110 Amp

Replacing: LR1110-717B, LR1110-717, LR1110-713V, LR1110-713C, LR1110-713B, LR1110-713

Servicing: Nissan

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

A: 33.00 B: 12.95 C: 59.20 mm



**113317** Alternator 14 V, 80 Amp

Replacing: LR180-768, LR180-762C, LR180-762B, LR180-762

Servicing: Nissan

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

A: 38.20 B: 13.00 C: 80.90 mm



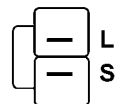
**113347** Alternator 14 V, 20 Amp

Replacing: LR120-23

Servicing: Bobcat, Isuzu

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

A: 42.50 B: 14.50 C: 80.50 mm



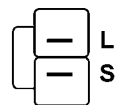
**113371** Alternator 14 V, 80 Amp

Replacing: LR180-751C, LR180-751B, LR180-751

Servicing: Nissan

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

A: 37.00 B: 13.10 C: 81.80 mm



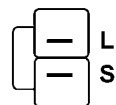
**113372** Alternator 14 V, 100 Amp

Replacing: LR1100-722

Servicing: Nissan

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

A: 38.50 B: 13.00 C: 81.50 mm



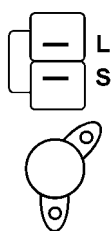
**113373** Alternator 14 V, 100 Amp

Replacing: LR1100-709C, LR1100-709B, LR1100-709

Servicing: Nissan

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

A: 35.75 B: 25.20 C: 81.10 mm

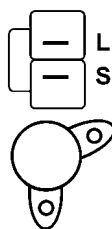

**113374** Alternator 14 V, 90 Amp

Replacing: LR190-729B, LR190-729

Servicing: Nissan

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

A: 39.00 B: 13.70 C: 81.60 mm

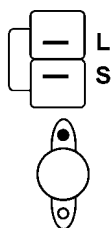

**113375<sup>#</sup>** Alternator 14 V, 90 Amp

Replacing: LR190-737F, LR190-737E, LR190-737BR, LR190-737B, LR190-737

Servicing: Nissan

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

A: 38.00 B: 13.00 C: 81.30 mm

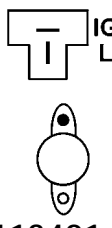

**113383** Alternator 14 V, 60 Amp

Replacing: LR160-728F, LR160-728E, LR160-728C, LR160-728B, LR160-728

Servicing: Nissan

B+ M8, Grooves 2, Pulley DP, Fan IF

A: 42.00 B: 12.80 C: 80.90 mm


**113401** Alternator 14 V, 40 Amp

Replacing: LR140-727, LR140-723B, LR140-721E, LR140-721D, LR140-721C, LR140-721B, LR140-721, LR140-719

Servicing: John Deere, Kubota, Yanmar

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

A: 41.50 B: 12.00 C: 67.20 mm


**113412** Alternator 14 V, 70 Amp

Replacing: LR170-410, LR170-401

Servicing: Isuzu

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

A: 44.75 B: 13.45 C: 81.80 mm


**113413** Alternator 14 V, 70 Amp

Replacing: LR170-418C, LR170-418B, LR170-418

Servicing: Chevrolet, Isuzu

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

A: 47.30 B: 13.75 C: 81.75 mm

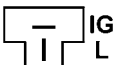

**113416** Alternator 28 V, 20 Amp

Replacing: LR220-26

Servicing: Isuzu

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

A: 41.60 B: 13.60 C: 81.60 mm

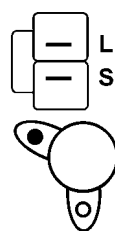

**113418** Alternator 28 V, 25 Amp

Replacing: LR225-84T, LR225-84

Servicing: Nissan

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

A: 42.85 B: 13.90 C: 81.40 mm

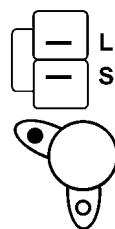

**113419<sup>#</sup>** Alternator 14 V, 100 Amp

Replacing: LR1100-723

Servicing: Nissan

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

A: 38.00 B: 25.00 C: 81.60 mm

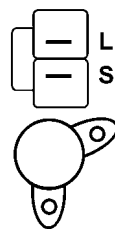

**113420** Alternator 14 V, 110 Amp

Replacing: LR1110-712

Servicing: Infiniti, Nissan

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

A: 36.35 B: 12.80 C: 81.80 mm

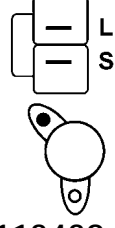

**113425<sup>#</sup>** Alternator 14 V, 100 Amp

Replacing: LR1100-716E, LR1100-716C, LR1100-716, LR1100-712, LR1100-704E, LR1100-704B, LR1100-704

Servicing: Infiniti

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

A: 38.50 B: 13.00 C: 80.25 mm


**113439** Alternator 14 V, 90 Amp

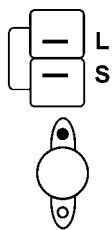
Replacing: LR190-747

Servicing: Nissan

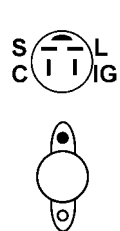
B+ M8, Grooves 6, Pulley SP, Fan IF

A: 38.30 B: 25.00 C: 81.00 mm

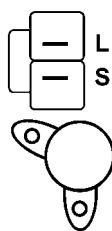




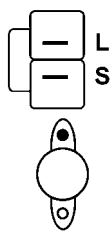
**113440** Alternator 14 V, 100 Amp  
 Replacing: LR1100-724B, LR1100-724  
 Servicing: Nissan  
 B+ M8, Grooves 1, Pulley P, Fan IF  
 A: 41.50 B: 13.20 C: 80.90 mm



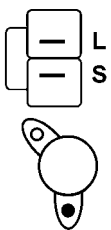
**113563** Alternator 14 V, 90 Amp  
 Replacing: LR190-743  
 Servicing: Honda, Isuzu  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 90.40 B: 56.55 mm



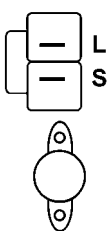
**113697** Alternator 14 V, 65 Amp  
 Replacing: LR170-768, LR165-714  
 Servicing: Nissan  
 B+ M8, Grooves 6, Pulley SP, Fan EF  
 A: 38.00 B: 24.50 C: 66.50 mm



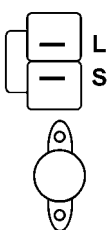
**113698** Alternator 14 V, 90 Amp  
 Replacing: LR190-750B, LR190-750  
 Servicing: Isuzu, Opel  
 B+ M8, Grooves 2, Pulley DP, Fan IF  
 A: 45.00 B: 13.00 C: 81.00 mm



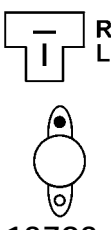
**113785** Alternator 14 V, 80 Amp  
 Replacing: LR190-731B, LR190-731  
 Servicing: Mazda  
 B+ M8, Grooves 2, Pulley DP, Fan IF  
 A: 41.50 B: 12.80 C: 64.00 mm



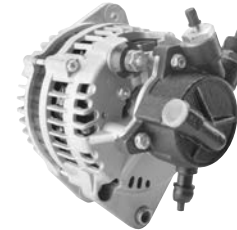
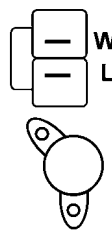
**113787** Alternator 14 V, 90 Amp  
 Replacing: LR190-770C, LR190-752H, LR190-752C, LR190-752B, LR190-752  
 Servicing: Nissan  
 B+ M8, Grooves 7, Pulley SP/FW, Fan IF  
 A: 37.50 B: 13.00 C: 81.00 mm



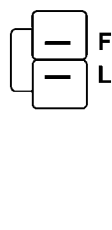
**113788** Alternator 14 V, 80 Amp  
 Replacing: LR180-749E, LR180-749C, LR180-749B, LR180-749  
 Servicing: Nissan  
 B+ M8, Grooves 1, Pulley P, Fan IF  
 A: 42.00 B: 12.80 C: 80.30 mm



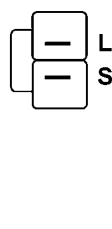
**113793** Alternator 14 V, 55 Amp  
 Replacing: LR155-29, LR155-20B, LR155-20  
 Servicing: Yanmar  
 B+ M5, Grooves 1, Pulley P, Fan EF, Insulated return  
 A: 42.80 B: 13.15 C: 80.50 mm



**113941** Alternator 14 V, 100 Amp  
 Replacing: LR1100-503F, LR1100-503E, LR1100-503D, LR1100-503C, LR1100-503B, LR1100-503A, LR1100-503  
 Servicing: Opel, Vauxhall  
 B+ M8, Terminal W, Grooves 6, Pulley w/o, Fan IF  
 A: 35.00 B: 13.00 C: 66.10 mm



**113956** Alternator 14 V, 100 Amp  
 Replacing: LR1100-508F, LR1100-508E, LR1100-508D, LR1100-508C, LR1100-508B, LR1100-508A, LR1100-508  
 Servicing: Opel, Vauxhall  
 B+ M8, Pulley w/o, Fan IF  
 As HC-CARGO 114793, but without pulley  
 B: 13.00 C: 65.50 mm



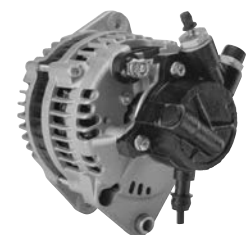
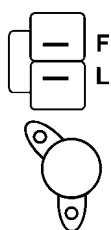
**113993** Alternator 14 V, 135 Amp  
 Replacing: LR1130-702C, LR1130-702B, LR1130-702  
 Servicing: Nissan, Opel, Renault, Renault V.I., Vauxhall  
 B+ M8, Pulley w/o, Fan IF  
 B: 22.00 C: 81.00 mm



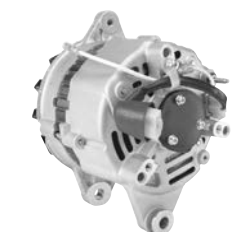
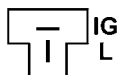
**113997** Alternator 14 V, 40 Amp  
 Replacing: LR140-708C, LR140-708, LR140-707  
 Servicing: Honda



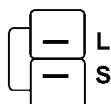
**114014** Alternator 28 V, 60 Amp  
 Replacing: LR260-504B, LR250-508C, LR250-508B, LR250-508  
 Servicing: Isuzu  
 B+ M6, Grooves 3, Pulley Triple Pulley, Fan EF  
 A: 43.00 B: 17.00 C: 78.00 mm



**114121** Alternator 14 V, 110 Amp  
 Replacing: LR1110-503F, LR1110-503E, LR1110-503D, LR1110-503C, LR1110-503B, LR1110-503A, LR1110-503  
 Servicing: Opel, Vauxhall  
 B+ M8, Pulley w/o, Fan IF  
 B: 12.60 C: 66.50 mm



**114209** Alternator 14 V, 60 Amp  
 Replacing: LR160-743  
 Servicing: Komatsu, Yanmar  
 B+ M5, Terminal W, Grooves 1, Pulley P, Fan IF, Not Insulated return  
 A: 42.00 B: 13.20 C: 80.70 mm



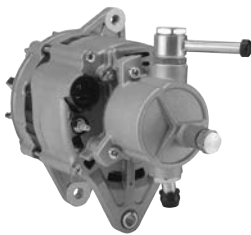
**114262** Alternator 14 V, 80 Amp  
 Replacing: LR180-772, LR180-763  
 Servicing: Komatsu  
 B+ M6, Grooves 1, Pulley SP  
 A: 46.00 B: 25.00 C: 80.00 mm



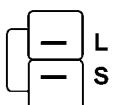
**114301** Alternator 14 V, 150 Amp  
 Replacing: LR1150-706B, LR1150-706  
 Servicing: Renault  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 39.00 B: 13.00 C: 82.50 mm



**114366** Alternator 28 V, 40 Amp  
 Replacing: LR240-405  
 Servicing: Isuzu  
 B+ M8, Grooves 1, Pulley P  
 A: 44.00 B: 13.00 C: 79.00 mm



**114368** Alternator 28 V, 25 Amp  
 Replacing: LR225-415B  
 Servicing: Isuzu  
 B+ M5, Grooves 1, Pulley P, Not Insulated return  
 A: 33.60 B: 13.14 C: 79.90 mm



**114370** Alternator 28 V, 35 Amp  
 Replacing: LR235-403T  
 Servicing: Nissan  
 B+ M6, Grooves 2, Pulley DP  
 A: 28.70 B: 13.00 C: 79.00 mm



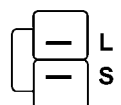
**114373** Alternator 14 V, 80 Amp  
 Replacing: LR180-511B  
 Servicing: Isuzu  
 B+ M5, Grooves 1, Pulley P, Not Insulated return  
 A: 49.00 B: 13.00 C: 84.50 mm



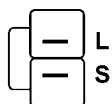
**114426** Alternator 28 V, 40 Amp  
 Replacing: LR240-401  
 Servicing: Isuzu  
 B+ M5, Grooves 2, Pulley DP, Fan EF  
 A: 29.50 B: 13.00 C: 78.00 mm



**114427** Alternator 14 V, 100 Amp  
 Replacing: LR180-508B, LR180-508  
 Servicing: Isuzu  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 48.50 B: 13.15 C: 84.80 mm



**114428** Alternator 14 V, 100 Amp  
 Replacing: LR180-512T  
 Servicing: isuzu  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 47.00 B: 13.10 C: 84.65 mm



**114458** Alternator 14 V, 60 Amp

Replacing: LR160-503E

Servicing: Isuzu

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

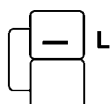
A: 50.00 B: 13.50 C: 83.50 mm

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**114672\*** Alternator 14 V, 60 Amp

Replacing: LR160-741

Grooves 1, Pulley P, Fan IF



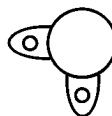
**114782** Alternator 28 V, 50 Amp

Replacing: LR250-517

Servicing: Isuzu

B+ M6, Grooves 3, Pulley SP

A: 43.00 B: 17.50 C: 78.50 mm



**114797** Alternator 14 V, 120 Amp

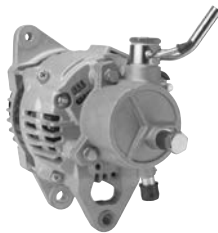
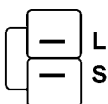
Replacing: LR1120-701

Servicing: Audi, Ford, Seat, Skoda, VW

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

As HC-CARGO 112002, but with pulley

A: 39,00 B: 14.50 C: 59.00 mm



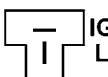
**114802** Alternator 14 V, 60 Amp

Replacing: LR160-502E, LR160-502C, LR160-502B, LR160-502

Servicing: Isuzu

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

A: 49.00 B: 13.00 C: 81.00 mm



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**115432\*** 14 V, 50 Amp

Replacing: LR150-715A, LR150-715

Grooves 1, Pulley P, Fan IF


**110043<sup>#</sup>** Alternator 28 V, 45 Amp

Replacing: AAK3117, 11.201.807

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

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

B: 80.00 mm

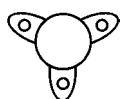

**110105** Alternator 14 V, 55 Amp

Replacing: AAK3328, AAK1362, AAK1330, 11.201.929, 11.201.665, 11.201.592, 11.201.453

Servicing: John Deere

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

A: 83.30 B: 56.00 mm

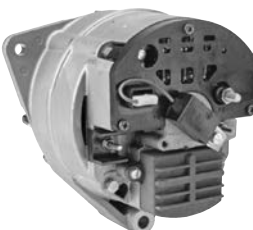

**110113** Alternator 28 V, 27 Amp

Replacing: AAK4179, AAK1309, AAK1229, AAK1213, AAK1205, AAK1153, AAK1125, 11.201.525, 11.201.360, 11.201.201

Servicing: Mercedes-Benz

B+ M6, Pulley w/o, Fan EF

B: 80.00 mm


**110117** Alternator 28 V, 35 Amp

Replacing: AAK1854, 11.209.447

Servicing: Iveco, Magirus-Deutz, Steyr, Various Agriculture Vehicles

B+ M6, Pulley w/o, Fan EF

B: 56.00 mm


**110127** Alternator 14 V, 70 Amp

Replacing: AAK3802, AAK3333, AAK1375, 11.203.998, 11.201.938, 11.201.723

Servicing: Farymann, Volvo Penta

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

A: 79.00 B: 51.00 mm


**110163** Alternator 28 V, 45 Amp

Replacing: AAK4591, 11.201.789

Servicing: Renault V.I.

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

A: 48.75 B: 27.25 C: 67.50 mm


**110175** Alternator 28 V, 100 Amp

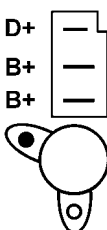
Replacing: AAT3312, 11.204.021

Servicing: Volvo Penta

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

Fan: HC-CARGO 134317. Pulley: HC-CARGO 131176.

B: 14.75 C: 103.00 mm


**110178** Alternator 14 V, 36 Amp

Replacing: AAK4116, AAG1111, 11.201.272, 11.201.067

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

B+ 9.40, Pulley w/o, Fan EF

B: 10.00 C: 87.00 mm


**110348** Alternator 14 V, 55 Amp

Replacing: AAK4127, 11.201.385, 11.201.293

Servicing: Lada

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

A: 45.00 B: 19.60 C: 63.00 mm

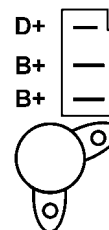

**110350** Alternator 14 V, 44 Amp

Replacing: AAK4128, 11.201.294

Servicing: Fiat, Lada

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

A: 46.50 B: 19.50 C: 60.50 mm

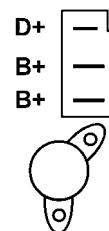

**110358** Alternator 14 V, 55 Amp

Replacing: AAK4141, AAK3548, AAK3525, AAK3520, AAK1157, AAK1152, 11.201.633, 11.201.632, 11.201.307

Servicing: Mercedes-Benz, Seat

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

A: 77.50 B: 56.00 mm


**110360** Alternator 14 V, 45 Amp

Replacing: AAK3501, AAK1139, AAK1105, 11.201.601

Servicing: Audi, Deutz-Fahr, VW

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

B: 56.00 mm

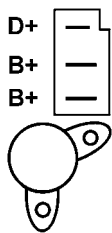

**110641** Alternator 14 V, 33 Amp

Replacing: AAG1328, AAG1315, AAG1311, AAG1301, 11.201.501, 11.201.372, 11.201.096, 11.201.027

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

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

A: 76.30 B: 56.00 mm


**110730<sup>#</sup>** Alternator 14 V, 35 Amp

Replacing: AAK1146

Servicing: Mercedes-Benz

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

A: 76.50 B: 56.00 mm


**110743** Alternator 14 V, 30 Amp

Replacing: AAG0702, 11.201.021

Servicing: Citroen

B+ M6, Grooves 1, Pulley P, Fan EF  
Regulator: HC-CARGO 130679.

A: 61.00 B: 40.00 mm


**110761** Alternator 28 V, 35 Amp

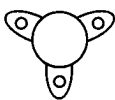
Replacing: AAK3557, AAK1134, 11.201.635

Servicing: Deutz-Fahr, MAN

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

Fan: HC-CARGO 133875.

B: 80.00 mm

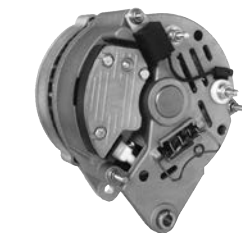
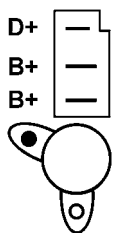

**110766** Alternator 28 V, 27 Amp

Replacing: AAK4509, AAK1352, AAK1204, AAK1167, AAK1115, AAK1113, AAK1109, 11.201.574, 11.201.557, 11.201.186

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

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

B: 56.00 mm


**110770** Alternator 14 V, 55 Amp

Replacing: AAK4574, AAK4568, 11.201.728, 11.201.707

Servicing: Austin, LDV, Massey Ferguson, MG, Rover, Vauxhall

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

B: 11.20 C: 82.00 mm


**110880<sup>#</sup>** Alternator 14 V, 45 Amp

Replacing: AAK1165, 11.201.215

Servicing: Alfa Romeo

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

A: 77.00 B: 56.00 mm


**110881** Alternator 14 V, 55 Amp

Replacing: AAK4349, AAK3579, AAK1189, 11.203.405, 11.201.512, 11.201.511, 11.201.478, 11.201.226

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

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

A: 88.00 B: 56.00 mm


**110882** Alternator 14 V, 45 Amp

Replacing: AAK4162, AAK3197, 11.209.443, 11.201.336, 11.201.070

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

B+ M6, Grooves 1, Pulley P, Fan w/o

A: 47.00 B: 16.25 C: 63.00 mm


**110890** Alternator 14 V, 55 Amp

Replacing: AAK4140, AAK3560, AAK1135, 11.201.457, 11.201.306, 11.201.242, 11.201.112

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

B+ M6, Grooves 1, Pulley P, Fan w/o

A: 49.00 B: 17.00 C: 63.00 mm


**110891** Alternator 14 V, 70 Amp

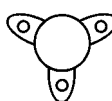
Replacing: AAK4526, 11.201.581

Servicing: Ford, Land Rover, MG

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

As HC-CARGO 114788, but without pulley

B: 11.30 C: 83.00 mm


**110895** Alternator 28 V, 55 Amp

Replacing: AAK1367, AAK1347, 11.201.705, 11.201.522

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

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

B: 80.00 mm

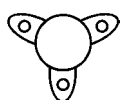

**110902** Alternator 14 V, 45 Amp

Replacing: AAK1198, AAK1150, 11.201.244, 11.201.145

Servicing: VW

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

A: 99.00 B: 56.00 mm

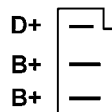

**110906** Alternator 28 V, 30 Amp

Replacing: AAK1107, 11.201.050

Servicing: Mercedes-Benz

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

B: 80.00 mm

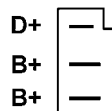

**110913** Alternator 14 V, 70 Amp

Replacing: AAK4157, AAK3514, AAK1183, 11.201.617, 11.201.331, 11.201.220

Servicing: Audi, VW

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

B: 56.00 mm

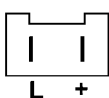

**110919** Alternator 14 V, 70 Amp

Replacing: AAK3544, AAK3543, 11.201.439, 11.201.438

Servicing: Audi, VW

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

A: 110.00 B: 56.00 mm

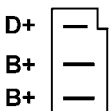

**110920<sup>#</sup>** Alternator 14 V, 50 Amp

Replacing: AAK1129

Servicing: Renault

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

A: 101.00 B: 56.00 mm

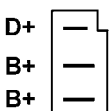

**110968** Alternator 14 V, 70 Amp

Replacing: AAK1333, AAK1133, 11.201.470

Servicing: Austin, Case, Dronningborg, Mercedes-Benz, MG, Nissan, Rover, Valtra

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

A: 34-43 B: 11.00 C: 82.00 mm

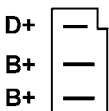

**110970** Alternator 14 V, 65 Amp

Replacing: AAG1310, 11.201.095

Servicing: Massey Ferguson

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

A: 58.00 B: 27.10 mm


**110971<sup>#</sup>** Alternator 14 V, 65 Amp

Replacing: AAK4503, AAK4192, 11.201.544, 11.201.390

Servicing: Opel, Various Agriculture Vehicles, Vauxhall

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

A: 85.00 B: 56.00 mm

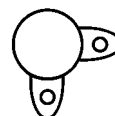

**111035** Alternator 14 V, 65 Amp

Replacing: AAK3538, AAK3529, AAK1175, AAK1172, AAK1171, AAK1163, AAK1123, AAGO403, 11.201.432, 11.201.405

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

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

A: 51.25 B: 22.00 C: 73.00 mm

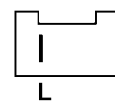

**111036** Alternator 14 V, 45 Amp

Replacing: AAK4580, AAK4177, 11.201.735, 11.201.358

Servicing: Autobianchi, Fiat, Lancia

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

A: 56.80 B: 32.25 mm

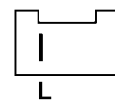

**111075** Alternator 14 V, 55 Amp

Replacing: AAK4104, 11.201.255

Servicing: Citroen, Peugeot, Talbot, Vauxhall

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

A: 59.50 B: 40.00 mm


**111076** Alternator 14 V, 50 Amp

Replacing: AAK4189, AAK3528

Servicing: Citroen, Opel, Peugeot, Talbot

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

A: 46.35 B: 26.80 C: 66.00 mm



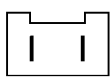
**111078** Alternator 14 V, 45 Amp

Replacing: AAK1128

Servicing: Autobianchi, Fiat, Lancia, Seat, Zastava

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

A: 53.25 B: 23,50 mm



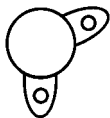
**111082** Alternator 14 V, 60 Amp

Replacing: AAK4544, AAK1170, 11.201.664, 11.201.198

Servicing: Renault

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

A: 100.95 B: 56.00 mm



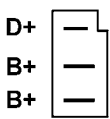
**111085** Alternator 14 V, 55 Amp

Replacing: AAK3573, 11.201.496, 11.201.203

Servicing: Volvo

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

A: 91.95 B: 71.00 mm



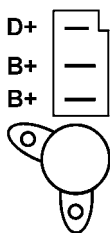
**111086** Alternator 14 V, 65 Amp

Replacing: AAK3587, 11.201.528

Servicing: Austin, Ford, Mercury, MG, Rover

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

A: 34.60 B: 10.80 C: 81.00 mm



**111093** Alternator 14 V, 70 Amp

Replacing: AAK4578, AAK4571, 11.201.732, 11.201.713

Servicing: Mercedes-Benz

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

A: 92.00 B: 56.00 mm



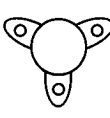
**111094** Alternator 14 V, 65 Amp

Replacing: AAK3542, 11.201.437

Servicing: Audi, VW

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

A: 109.00 B: 56.00 mm



**111141** Alternator 14 V, 55 Amp

Replacing: AAK4549, AAK1301, AAK1130, 11.201.685, 11.201.102, 11.201.097

Servicing: MAN, Mercedes-Benz

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

B: 80.00 mm



**111148** Alternator 14 V, 65 Amp

Replacing: AAK4527, AAK3530, AAK1173, 11.201.691, 11.201.582, 11.201.406, 11.201.205

Servicing: Autobianchi, Fiat, Lancia, Zastava

B+ M6, Grooves 1, Pulley P, Fan w/o

A: 52.25 B: 23.00 C: 73.00 mm



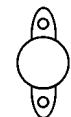
**111154** Alternator 14 V, 65 Amp

Replacing: AAK4106, 11.201.257

Servicing: Audi, Mercedes-Benz, Seat, VW

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

A: 98.00 B: 56.00 mm



**111166** Alternator 14 V, 70 Amp

Replacing: AAK4528, AAK3133, 11.201.932, 11.201.583

Servicing: Albin, Bedford, Lancia, Opel, Vauxhall

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

A: 77.00 B: 56.00 mm



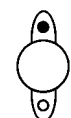
**111168** Alternator 14 V, 55 Amp

Replacing: AAK4133, AAK3129, 11.201.927, 11.201.299

Servicing: Ferrari, Opel, Vauxhall

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

A: 84.00 B: 56.00 mm



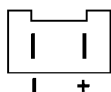
**111170** Alternator 14 V, 65 Amp

Replacing: AAK4582, 11.201.749

Servicing: Opel, Vauxhall

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

A: 34.85 B: 10.80 C: 81.00 mm


**111171** Alternator 14 V, 70 Amp

Replacing: AAK3565, 11.201.469

Servicing: Renault

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

A: 49.65 B: 27.00 C: 66.50 mm


**111175#** Alternator 14 V, 80 Amp

Replacing: AAK5358, AAK3558, 11.203.092

Servicing: Citroen, Peugeot

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

A: 41.30 B: 27.25 C: 69.95 mm


**111176** Alternator 14 V, 75 Amp

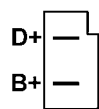
Replacing: AAK4564, AAK3122, AAK1339, 11.201.890, 11.201.824

Servicing: Ford, Land Rover, LDV, Rover

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

As HC-CARGO 114795, but without pulley

B: 11.25 C: 81.65 mm


**111180** Alternator 14 V, 33 Amp

Replacing: AAG1130, AAG1104, AAG0402, 11.201.783, 11.201.037

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

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

A: 49.00 B: 25.00 C: 74.00 mm


**111186** Alternator 14 V, 70 Amp

Replacing: AAK3161, AAK3142, 11.209.403, 11.209.402, 11.209.003

Servicing: Opel, Vauxhall

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

A: 42.00 B: 13.00 C: 78.20 mm


**111287** Alternator 14 V, 70 Amp

Replacing: AAK3588, AAK3510, AAK1179, AAK1178, 11.201.611, 11.201.529, 11.201.211, 11.201.210

Servicing: VW

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

A: 109.50 B: 56.00 mm

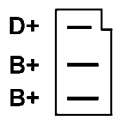

**111288** Alternator 14 V, 65 Amp

Replacing: AAK1199, AAK1140, 11.201.245, 11.201.122

Servicing: Seat, VW

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

A: 75.00 B: 56.00 mm


**111289** Alternator 14 V, 70 Amp

Replacing: AAK4524, AAK4520, AAK4519, AAK4513, AAK4135, AAK3590, AAK1358, AAK1114, 11.201.676, 11.201.579

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

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

A: 35.00 B: 12.50 C: 80.00 mm

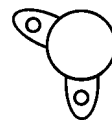

**111293** Alternator 14 V, 70 Amp

Replacing: AAK5302, 11.201.993

Servicing: Ford

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

A: 33.00 B: 14.00 C: 80.00 mm

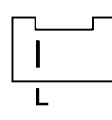

**111318** Alternator 14 V, 80 Amp

Replacing: AAK5332, 11.203.057

Servicing: BMW, Citroen, Fiat, Lancia, Peugeot

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

A: 92.35 B: 56.00 mm

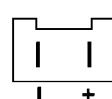

**111321** Alternator 14 V, 70 Amp

Replacing: AAK3583, 11.201.523

Servicing: Volvo

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

A: 46.20 B: 27.15 C: 69.00 mm


**111325** Alternator 14 V, 70 Amp

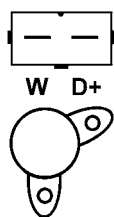
Replacing: AAK4585, AAK4506, 11.201.765, 11.201.554

Servicing: Renault

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

A: 57.10 B: 27.15 C: 66.75 mm



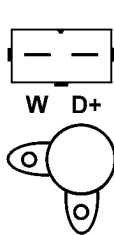

**111352** Alternator 14 V, 70 Amp

Replacing: AAK5169, 11.201.889

Servicing: Seat, Skoda, VW

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

A: 39.45 B: 14.65 C: 59.80 mm


**111353** Alternator 14 V, 70 Amp

Replacing: AAK5380, 11.203.165

Servicing: Audi, Ford, Seat, Skoda, VW

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

A: 39.00 B: 14.00 C: 59.00 mm

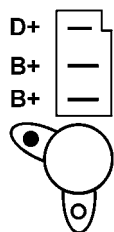

**111354** Alternator 14 V, 70 Amp

Replacing: AAK5319, AAK5127, 11.203.024, 11.201.744

Servicing: Mercedes-Benz

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

A: 92.35 B: 56.00 mm

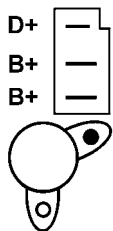

**111355** Alternator 14 V, 65 Amp

Replacing: AAK4598, AAK4523, AAK3369, AAK3312, 11.203.097, 11.201.876, 11.201.810, 11.201.578

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

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

A: 37.00 B: 11.50 C: 81.00 mm


**111356** Alternator 14 V, 55 Amp

Replacing: AAK4532, 11.201.587

Servicing: Ford, Various Agriculture Vehicles

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

A: 43.00 B: 10.80 C: 81.00 mm

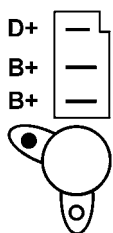

**111361** Alternator 14 V, 67 Amp

Replacing: AAK1373, 11.201.717

Servicing: Nissan

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

A: 69.65 B: 25.00 C: 81.00 mm

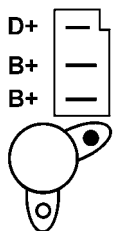

**111362** Alternator 14 V, 55 Amp

Replacing: AAK1329, AAK1325, 11.201.415, 11.201.400, 11.201.399

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

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

A: 34.50 B: 11.00 C: 81.00 mm

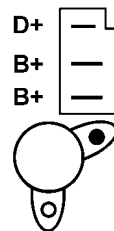

**111364** Alternator 14 V, 55 Amp

Replacing: AAK4567, AAK4139, AAK1388, 11.201.764, 11.201.716, 11.201.706, 11.201.305

Servicing: Ford, Rover

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

A: 35.50 B: 12.50 C: 81.00 mm

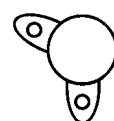

**111368** Alternator 14 V, 70 Amp

Replacing: AAK4599, AAK4575, 11.201.811, 11.201.729

Servicing: Ford

Terminal W, Grooves 1, Pulley P, Fan EF

A: 34.90 B: 12.00 C: 82.60 mm

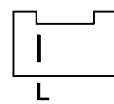

**111369** Alternator 14 V, 90 Amp

Replacing: AAK5501, AAK5305, 11.209.001, 11.203.004

Servicing: Mercedes-Benz, Various Agriculture Vehicles

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

A: 92.00 B: 56.00 mm


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

Replacing: AAK4515, 11.201.568

Servicing: Volvo

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

A: 46.75 B: 27.00 C: 66.00 mm


**111418** Alternator 14 V, 60 Amp

Replacing: AAK4530, 11.201.585

Servicing: Alfa Romeo, Fiat, Iveco

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

A: 49.00 B: 17.00 C: 66.00 mm


**111419** Alternator 28 V, 55 Amp

Replacing: AAK4507, 11.201.555

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

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

A: 50.00 B: 17.45 C: 63.00 mm

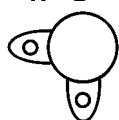
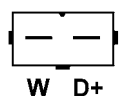

**111426** Alternator 14 V, 100 Amp

Replacing: AAK5535, AAK5513, 11.209.407, 11.209.020

Servicing: Isuzu, Opel, Vauxhall

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

A: 51.00 B: 33.75 C: 56.00 mm

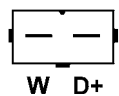

**111477** Alternator 14 V, 90 Amp

Replacing: AAK5502, AAK5171, 11.209.002, 11.201.898

Servicing: Ford, Seat, Skoda, VW

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

A: 39.50 B: 13.50 C: 59.00 mm


**111479** Alternator 14 V, 90 Amp

Replacing: AAK5198, 11.201.990

Servicing: Seat, VW

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

A: 39.00 B: 14.00 C: 59.00 mm


**111514** Alternator 14 V, 100 Amp

Replacing: AAK5510, 11.209.011

Servicing: Opel, Saab, Vauxhall

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

A: 52.00 B: 34.00 C: 56.00 mm

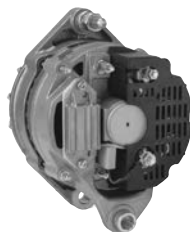

**111528** Alternator 28 V, 55 Amp

Replacing: AAK3332, AAK1369, 11.201.937, 11.201.710

Servicing: Volvo, Volvo BM, Volvo Penta

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

B: 51.50 mm


**111620** Alternator 14 V, 65 Amp

Replacing: AAK4562, AAK4158, 11.201.701

Servicing: Alfa Romeo, Ferrari, Fiat, Lancia, Various Agriculture Vehicles

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

A: 47.75 B: 16.30 C: 63.00 mm


**111629** Alternator 28 V, 120 Amp

Replacing: AAT1303, 11.201.868

Servicing: MAN, Mercedes-Benz, Setra

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

B- M8. Shaft 30 mm. Heavy duty type: HC-CARGO 113589. 180 A.

B: 15.00 C: 180.00 mm


**111631** Alternator 28 V, 55 Amp

Replacing: AAK5717, AAK5517, 11.203.573, 11.203.215

Servicing: Volvo

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

B: 14.10 C: 100.00 mm

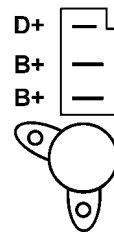

**111649** Alternator 14 V, 33 Amp

Replacing: AAG1343, 11.201.784

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

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

A: 76.00 B: 56.00 mm


**111652<sup>#</sup>** Alternator 14 V, 65 Amp

Replacing: AAK4502, AAK3585, AAK3512, AAK3509, AAK3505, AAK3503, AAK1185, 11.201.613, 11.201.610, 11.201.605

Servicing: Audi, VW

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

A: 108.50 B: 56.00 mm

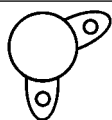

**111654** Alternator 14 V, 65 Amp

Replacing: AAK4557, AAK4160, AAK4150, 11.201.696, 11.201.334, 11.201.324

Servicing: Fiat, Lancia

B+ M6, Pulley w/o, Fan EF

B: 16.00 C: 64.00 mm


**111662** Alternator 14 V, 33 Amp

Replacing: AAG1341, AAG1340, AAG1338, AAG1314, 11.201.507, 11.201.502, 11.201.500, 11.201.115

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

 B+ M6, Terminal W, Pulley w/o, Fan EF  
 B: 56.00 mm

**111686** Alternator 14 V, 65 Amp

Replacing: AAK4543, AAK4176, AAK4155, AAK4154, AAK1228, 11.201.662, 11.201.514, 11.201.357, 11.201.329

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

 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 49.50 B: 17.00 C: 64.50 mm

**111687** Alternator 14 V, 55 Amp

Replacing: AAK4174, 11.201.355

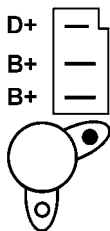
Servicing: Fiat

 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 53.00 B: 26.50 mm

**111732** Alternator 14 V, 120 Amp

Replacing: AAN5115, 11.209.012

Servicing: Opel, Vauxhall

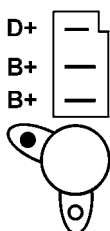
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 50.00 B: 34.00 C: 56.00 mm

**111738** Alternator 14 V, 65 Amp

Replacing: AAK4522, AAK4521, 11.201.577, 11.201.576

Servicing: Rover

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

B: 11.00 C: 82.00 mm


**111740** Alternator 14 V, 70 Amp

Replacing: AAK1344, AAK1343, 11.201.504, 11.201.503

Servicing: Ford

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

*With battery sensor terminal.*

A: 35.50 B: 11.30 C: 82.70 mm


**111746** Alternator 28 V, 80 Amp

Replacing: AAN5171, 11.203.275

Servicing: Volvo

B+ M8, Terminal W, Pulley w/o, Fan EF

B: 14.50 C: 100.00 mm

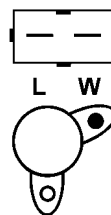

**111795** Alternator 14 V, 80 Amp

Replacing: AAK5710, 11.209.431

Servicing: Ford

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 12.50 B: 72.00 C: 53.00 mm


**111797** Alternator 14 V, 95 Amp

Replacing: AAK5573, AAK5512, 11.209.410, 11.209.017

Servicing: Ford

B+ M8, Terminal W, Grooves 4, Pulley SP, Fan IF

A: 34.00 B: 13.30 C: 81.00 mm

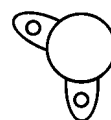

**111800** Alternator 14 V, 65 Amp

Replacing: AAK4131, AAK3128, 11.201.926, 11.201.297

Servicing: Opel, Vauxhall

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 85.00 B: 56.00 mm

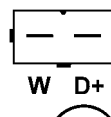

**111811** Alternator 14 V, 80 Amp

Replacing: AAK5102, 11.201.440

Servicing: Lada

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 92.00 B: 56.00 mm

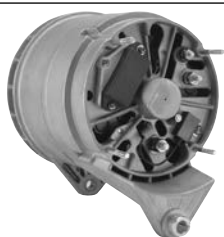

**111820** Alternator 14 V, 90 Amp

Replacing: AAK5351, 11.203.080

Servicing: Audi, Skoda, VW

B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 39.5 B: 14.00 C: 59.00 mm


**111833** Alternator 28 V, 140 Amp

Replacing: AAT1339, AAT1338, AAT1321, AAT1308, AAT1306, AAT1302, 11.203.241, 11.203.240, 11.203.139

Servicing: Drögmöller, Mercedes-Benz, Setra, Various Agriculture Vehicles

B+ M8, Terminal W, Pulley w/o, Fan EF  
B- M8, Shaft 30 mm. Heavy duty type: HC-CARGO 113589. 180 A.

B: 15.70 C: 182.00 mm

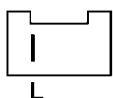

**111834** Alternator 28 V, 55 Amp

Replacing: AAN3114, AAK1398, 11.209.434, 11.201.801

Servicing: Scania

B+ M8, Terminal W, Pulley w/o, Fan EF  
Heavy duty type: HC-CARGO 112182 (80 A).

B: 80.00 mm


**111841** Alternator 14 V, 50 Amp

Replacing: AAK3515, AAK1111, 11.201.624, 11.201.060

Servicing: Citroen, Peugeot

B+ M6, Grooves 1, Pulley P, Fan EF

A: 95.50 B: 56.00 mm


**111842** Alternator 28 V, 140 Amp

Replacing: AAT1340, AAT1337, AAT1318, AAT1313, 11.203.242, 11.203.239, 11.203.085, 11.203.001

Servicing: Ikarus, MAN, Mercedes-Benz, Neoplan

B+ M8, Terminal W, Pulley w/o, Fan EF  
B- M8, shaft 30 mm.

B: 15.00 C: 180.00 mm


**111843** Alternator 14 V, 95 Amp

Replacing: AAK5165, AAK4831, AAK4307, AAK1815, 11.204.396, 11.203.660, 11.203.268, 11.201.875

Servicing: Case

B+ M8, Terminal W, Pulley w/o, Fan w/o

B- M8.

B: 51.00 mm


**111850** Alternator 14 V, 143 Amp

Replacing: AAN5166, 11.203.248

Servicing: Mercedes-Benz

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 82.50 B: 56.00 mm

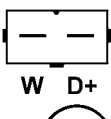

**111883** Alternator 14 V, 115 Amp

Replacing: AAN5132, 11.203.115

Servicing: Mercedes-Benz

B+ M8, Grooves 6, Pulley SP/FW, Fan IF

A: 92.00 B: 56.00 mm

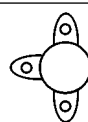

**111884** Alternator 14 V, 90 Amp

Replacing: AAK5349, 11.203.078

Servicing: Seat, VW

B+ M8, Terminal W, Grooves 6, Pulley SP/FW, Fan IF

A: 39.50 B: 14.00 C: 61.50 mm


**111886** Alternator 28 V, 65 Amp

Replacing: AAN3110, 11.209.420

Servicing: Scania

B+ M8, Terminal W, Pulley w/o, Fan w/o

B: 23.25 C: 68.70 mm

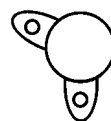

**111888** Alternator 14 V, 65 Amp

Replacing: AAK3330, AAK1363, 11.201.935, 11.201.595

Servicing: Case

B+ M8, Terminal W, Grooves 8, Pulley SP, Fan EF

A: 81.00 B: 50.60 mm

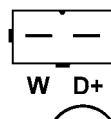

**111890** Alternator 14 V, 90 Amp

Replacing: AAK5322, 11.203.030

Servicing: Mercedes-Benz

B+ M8, Terminal W, Grooves 6, Pulley SP/FW, Fan IF

A: 92.00 B: 56.00 mm

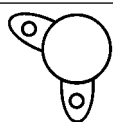

**111899** Alternator 14 V, 90 Amp

Replacing: AAK5350, 11.203.079

Servicing: VW

B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF

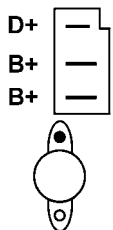
A: 39.30 B: 14.00 C: 61.00 mm



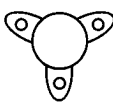
**111902** Alternator 14 V, 115 Amp  
 Replacing: AAN5133, 11.203.116  
 Servicing: Mercedes-Benz, VW  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 83.00 B: 56.10 mm



**111903** Alternator 14 V, 90 Amp  
 Replacing: AAK5307, 11.203.006  
 Servicing: Mercedes-Benz, VW  
 B+ M8, Terminal W, Grooves 6,  
 Pulley SP, Fan IF  
 A: 83.00 B: 56.10 mm



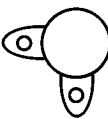
**111948** Alternator 14 V, 70 Amp  
 Replacing: AAK4554, 11.201.693  
 Servicing: Massey Ferguson  
 B+ Plug, Terminal W, Pulley w/o,  
 Fan EF  
 B: 29.00 mm



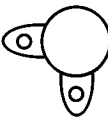
**111978** Alternator 14 V, 120 Amp  
 Replacing: AKK4322, 11.203.333  
 Servicing: Claas, Fendt  
 B+ M8, Terminal W, Pulley w/o, Fan EF  
 B: 56.00 mm



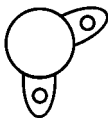
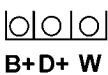
**111987** Alternator 28 V, 55 Amp  
 Replacing: AAN3118, 11.209.438  
 Servicing: Iveco  
 B+ M8, Terminal W, Pulley w/o, Fan EF  
 B: 17.00 C: 63.80 mm



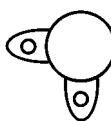
**111989** Alternator 14 V, 90 Amp  
 Replacing: AAK5544, 11.203.313  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 Alternative no.: 115482   
 A: 39.60 B: 14.00 C: 61.00 mm



**112002** Alternator 14 V, 120 Amp  
 Replacing: AAN5178, 11.203.288  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 B+ M8, Terminal W, Grooves 6,  
 Pulley w/o, Fan IF  
 As HC-CARGO 114797, but without pulley  
 Alternative no.: 115483   
 A: 39.5 B: 14.50 C: 59.00 mm



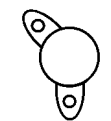
**112021** Alternator 14 V, 100 Amp  
 Replacing: AAK5396, 11.203.205  
 Servicing: Land Rover  
 B+ M6, Terminal W, Grooves 7,  
 Pulley SP, Fan IF  
 A: 31.00 B: 13.50 C: 83.50 mm



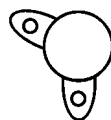
**112043** Alternator 14 V, 90 Amp  
 Replacing: AAK5518, 11.203.223  
 Servicing: VW  
 B+ M8, Terminal DF, Grooves 6,  
 Pulley SP, Fan IF  
 A: 40.00 B: 14.00 C: 61.00 mm



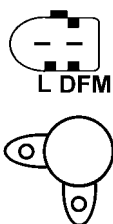
**112046** Alternator 14 V, 95 Amp  
 Replacing: AAK4320, AAK3822, AAK1811,  
 AAK1312, 11.204.054, 11.203.656,  
 11.203.331, 11.201.991  
 Servicing: Deutz-Fahr, Iveco  
 B+ M8, Terminal W, Grooves 8,  
 Pulley SP, Fan EF  
 A: 84.00 B: 56.00 mm



**112056** Alternator 14 V, 70 Amp  
 Replacing: AAK4529, AAK4525, AAK3134,  
 AAK3132, AAK1177, 11.201.933, 11.201.931,  
 11.201.584, 11.201.580  
 Servicing: Opel, Vauxhall  
 B+ M6, Terminal W, Grooves 1,  
 Pulley P, Fan EF  
 A: 87.00 B: 56.00 mm



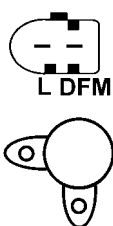
**112062** Alternator 14 V, 115 Amp  
 Replacing: AAN5156, 11.203.204  
 Servicing: John Deere  
 B+ M8, Pulley w/o, Fan IF  
 SP/FW 235718 can be used  
 B: 56.00 mm


**112075** Alternator 14 V, 70 Amp

Replacing: AAK5541, 11.203.310  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 40,00 B: 14.00 C: 60,75 mm


**112076** Alternator 28 V, 80 Amp

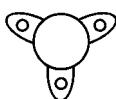
Replacing: AAN3120, 11.209.445  
 Servicing: Iveco, Renault V.I., Scania  
 B+ M8, Terminal W, Pulley w/o, Fan EF  
 B: 27.00 C: 72.10 mm


**112079** Alternator 14 V, 90 Amp

Replacing: AAK5543, 11.203.312  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 B+ M8, Pulley w/o, Fan IF  
 B: 14.00 C: 61.00 mm


**112097** Alternator 28 V, 30 Amp

Replacing: AAK3564, AAK1209, AAK1110,  
 11.201.468, 11.201.075, 11.201.055  
 Servicing: Allis Chalmers, Astra, Fahr, Iveco,  
 Laverda  
 B+ M6, Grooves 1, Pulley P, Fan w/o  
 A: 45.00 B: 17.00 C: 63.00 mm

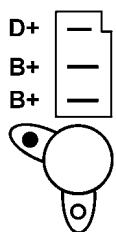

**112098** Alternator 14 V, 65 Amp

Replacing: AAK4351, AAK4313, AAK3547,  
 AAK1370, AAK1182, 11.203.415, 11.203.301,  
 11.201.499, 11.201.444

Servicing: Case, Claas, Eicher, Iveco,  
 Lamborghini, Mercedes-Benz, NSU, Steyr,  
 Zetor

B+ M6, Terminal W, Grooves 1,  
 Pulley P, Fan EF

A: 77.00 B: 56.00 mm


**112112** Alternator 14 V, 70 Amp

Replacing: AAK3301, 11.201.832, 11.201.332  
 Servicing: Perkins, Sabre, Yanmar

B+ M6, Terminal W, Grooves 1,  
 Pulley P, Fan EF, Insulated return

A: 45.00 B: 11.50 C: 82.50 mm

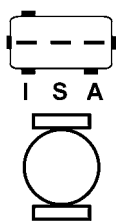

**112149** Alternator 14 V, 65 Amp

Replacing: AAK4504, AAK4199, 11.201.545,  
 11.201.401, 11.201.379

Servicing: Audi, Seat, VW

B+ M8, Terminal W, Grooves 1,  
 Pulley P, Fan EF

A: 109.80 B: 56.00 mm


**112151** Alternator 14 V, 95 Amp

Replacing: AAK5505, 11.209.006

Servicing: Ford

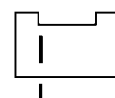
B+ M6, Terminal W, Grooves 5,  
 Pulley SP, Fan IF

A: 46.00 B: 57.00 mm


**112159** Alternator 28 V, 80 Amp

Replacing: AAN3108, 11.209.417  
 Servicing: DAF, MAN, Mercedes-Benz, Renault  
 V.I.

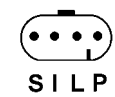
B+ M8, Terminal W, Pulley w/o, Fan EF  
 B: 80.40 mm


**112162** Alternator 14 V, 70 Amp

Replacing: AAK4535, AAK3572, 11.201.590,  
 11.201.493

Servicing: Citroen, Peugeot

B+ M6, Grooves 4, Pulley SP, Fan EF  
 A: 46.50 B: 27.00 C: 65.90 mm

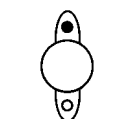

**112165** Alternator 14 V, 75 Amp

Replacing: AAK5503, 11.209.004

Servicing: Renault

B+ M8, Grooves 4, Pulley SP, Fan IF

A: 46.70 B: 27.00 C: 66.50 mm

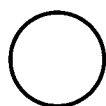

**112170** Alternator 28 V, 50 Amp

Replacing: AAK3336, AAK1387, 11.201.941,  
 11.201.759

Servicing: Case, Komatsu

B+ M8, Terminal W, Pulley w/o, Fan EF  
*Dust proof.*

B: 51.00 mm



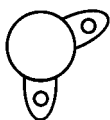
**112183** Alternator 14 V, 60 Amp  
 Replacing: AAK2306, AAK2301, 11.203.106, 11.201.292  
 Servicing: KHD, Various Agriculture Vehicles  
 B+ M6, Terminal W, Pulley w/o, Fan w/o



**112191** Alternator 14 V, 80 Amp  
 Replacing: AAK5105, 11.201.498  
 Servicing: Lada  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 81.40 B: 56.00 mm



**112194** Alternator 14 V, 120 Amp  
 Replacing: AAN5127, 11.203.110  
 Servicing: Dodge, Mercedes-Benz, Ssangyong, Various Agriculture Vehicles  
 B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF  
 A: 82.20 B: 56.00 mm



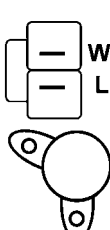
**112196** Alternator 14 V, 143 Amp  
 Replacing: AAN5136, 11.203.119  
 Servicing: Fendt  
 B+ M8, Pulley w/o, Fan IF  
 B: 56.00 mm



**112197** Alternator 14 V, 115 Amp  
 Replacing: AAN5572, 11.209.440  
 Servicing: Mercedes-Benz  
 B+ M8, Grooves 6, Pulley w/o, Fan IF  
*As HC-CARGO 114790, but without pulley*  
 A: 31.00 B: 69.80 C: 56.00 mm



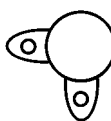
**112230** Alternator 14 V, 90 Amp  
 Replacing: AAK5136, 11.201.769  
 Servicing: Citroen, Fiat, Peugeot  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 42.00 B: 27.20 C: 69.20 mm



**112271** Alternator 14 V, 100 Amp  
 Replacing: AAK5574, 11.209.424  
 Servicing: Honda, Opel, Vauxhall  
 B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF  
 A: 36.00 B: 12.90 C: 66.10 mm



**112273** Alternator 14 V, 70 Amp  
 Replacing: AAK5542, 11.203.111  
 Servicing: Seat, Skoda, VW  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 41.00 B: 14.00 C: 60.80 mm



**112274** Alternator 14 V, 90 Amp  
 Replacing: AAK5545, 11.203.314  
 Servicing: Seat, Skoda, VW  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 39.50 B: 14.10 C: 61.40 mm



**112298** Alternator 14 V, 80 Amp  
 Replacing: AAK5360, 11.203.094, 11.201.094  
 Servicing: Citroen, Fiat, Peugeot  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 42.00 B: 26.10 C: 66.70 mm



**112299** Alternator 14 V, 95 Amp  
 Replacing: AAK5131, AAK5108, 11.201.754, 11.201.534  
 Servicing: Citroen, Fiat, Peugeot  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 43.00 B: 27.30 C: 67.70 mm



**112302** Alternator 28 V, 120 Amp  
 Replacing: AAT1385, 11.209.448  
 Servicing: Iveco  
 B+ M8, Pulley w/o, Fan EF, Not Insulated return  
 B- M8.  
 B: 16.00 C: 86.00 mm





**112310** Alternator 14 V, 55 Amp  
 Replacing: AAK1193, AAK1151, 11.201.230, 11.201.146  
 Servicing: BMW, Volvo BM  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 74.00 B: 50.70 mm



B+D+ W



**112325** Alternator 14 V, 70 Amp  
 Replacing: AAK5301, 11.201.992  
 Servicing: Ford  
 B+ M6, Terminal W, Grooves 5, Pulley SP, Fan IF  
*D+ kan være med M4*  
 A: 33.00 B: 14.20 C: 82.30 mm



**112343** Alternator 28 V, 140 Amp  
 Replacing: AAT1330, AAT1310, 11.203.232, 11.201.902  
 Servicing: Renault V.I., Volvo  
 B+ M8, Terminal W, Pulley w/o, Fan EF  
 B- M8, Shaft 30 mm.  
 B: 15.30 C: 182.00 mm



**112345** Alternator 28 V, 55 Amp  
 Replacing: AAN3116, 11.209.436  
 Servicing: Volvo  
 B+ M8, Terminal W, Pulley w/o, Fan w/o  
 B: 51.50 mm



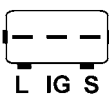
**112389** Alternator 14 V, 85 Amp  
 Replacing: AAK5115, 11.201.667  
 Servicing: Deutz-Fahr  
 B+ M6, Terminal W, Pulley w/o, Fan IF  
 B: 55.90 mm



**112416** Alternator 14 V, 100 Amp  
 Replacing: AAK5723, 11.209.441  
 Servicing: Holden, Opel, Vauxhall  
 B+ M8, Grooves 5, Pulley SP, Fan IF  
 A: 53.35 B: 33.50 C: 57.20 mm



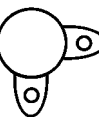
**112424** Alternator 28 V, 140 Amp  
 Replacing: AAT1335, 11.203.237  
 Servicing: Scania  
 B+ M8, Pulley w/o, Fan EF  
 B- M8, shaft 30 mm.  
 B: 15.50 C: 182.00 mm



**112427** Alternator 28 V, 90 Amp  
 Replacing: AAN5795, 11.209.454  
 Servicing: Iveco  
 B+ M8, Grooves 12, Pulley SP, Fan IF  
 A: 90.00 B: 57.60 mm



**112453** Alternator 14 V, 85 Amp  
 Replacing: AAN3121, 11.209.446  
 Servicing: Alfa Romeo, Fiat, Iveco, Lancia  
 B+ M8, Pulley w/o, Fan EF  
 B: 16.90 C: 63.00 mm



**112457** Alternator 14 V, 110 Amp  
 Replacing: AAK5773, 11.203.923  
 Servicing: Nissan, Renault  
 B+ M8, Pulley w/o, Fan IF  
 B: 15.75 C: 61.00 mm



**112458** Alternator 14 V, 120 Amp  
 Replacing: AAK5778, 11.203.940  
 Servicing: Renault  
 B+ M8, Terminal W, Pulley w/o, Fan IF  
 As HC-CARGO 114791, but without pulley  
 B: 27.50 C: 66.50 mm

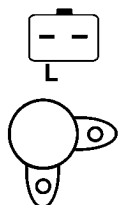


**112460** Alternator 14 V, 150 Amp  
 Replacing: AAN5772, AAN5533, 11.204.163, 11.203.871, 11.203.470  
 Servicing: Citroen, Fiat, Peugeot  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 43.60 B: 22.00 C: 45.60 mm

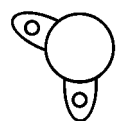




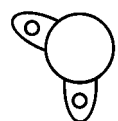
**112469** Alternator 14 V, 90 Amp  
 Replacing: AAK5741, 11.203.710  
 Servicing: Citroen, Fiat, Peugeot, Toyota  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 42.50 B: 22.20 C: 45.60 mm



**112471** Alternator 14 V, 125 Amp  
 Replacing: AAK5782, 11.203.950  
 Servicing: Nissan, Opel, Renault, Vauxhall, Volvo  
 B+ M8, Grooves 6, Pulley SP/FW, Fan IF  
 A: 32.50 B: 13.50 C: 60.90 mm



**112480** Alternator 14 V, 90 Amp  
 Replacing: AAK5553, 11.203.337  
 Servicing: Citroen, Fiat, Lancia, Peugeot  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 44.00 B: 22.00 C: 46.00 mm



**112529** Alternator 14 V, 90 Amp  
 Replacing: AAK5391, AAK5382, AAK5306,  
 11.203.186, 11.203.167, 11.203.005  
 Servicing: Daewoo, John Deere, Mercedes-Benz,  
 Ssangyong  
 B+ M8, Terminal W, Grooves 6,  
 Pulley SP, Fan IF  
 A: 92.00 B: 56.10 mm



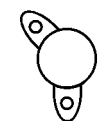
**112530** Alternator 14 V, 120 Amp  
 Replacing: AAN5131, 11.203.114  
 Servicing: Daewoo, Mercedes-Benz,  
 Ssangyong  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 92.50 B: 56.10 mm



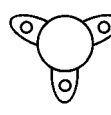
**112535** Alternator 14 V, 120 Amp  
 Replacing: AAN5179, 11.203.290  
 Servicing: Mercedes-Benz  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 91.95 B: 56.00 mm



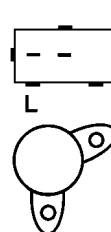
**112539** Alternator 14 V, 110 Amp  
 Replacing: AAN5130, 11.203.113  
 Servicing: Mercedes-Benz  
 B+ M8, Terminal W, Grooves 6,  
 Pulley SP, Fan IF  
 A: 84.00 B: 56.00 mm



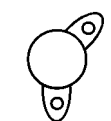
**112556** Alternator 14 V, 95 Amp  
 Replacing: AAK5363, AAK5315, AAK5118,  
 AAK5114, 11.203.098, 11.203.016,  
 11.201.675, 11.201.666  
 Servicing: Same, Valtra  
 B+ M6, Terminal W, Pulley w/o, Fan IF  
*Dust proof.*  
 B: 56.00 mm



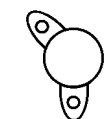
**112561** Alternator 28 V, 80 Amp  
 Replacing: AAN3119, AAN3111, 11.209.442,  
 11.209.421  
 Servicing: Mercedes-Benz  
 B+ M8, Terminal W, Pulley w/o, Fan EF  
 B: 80.00 mm



**112654** Alternator 14 V, 90 Amp  
 Replacing: AAK5597, 11.209.429  
 Servicing: Ford  
 B+ M6, Pulley w/o, Fan IF  
 B: 17.25 C: 62.60 mm



**112679** Alternator 14 V, 110 Amp  
 Replacing: AAN5139, AAK5521, 11.203.227,  
 11.203.129  
 Servicing: Renault, Volvo  
 B+ M6, Terminal W, Grooves 6,  
 Pulley SP, Fan IF  
 A: 46.50 B: 27.70 C: 66.30 mm



**112688** Alternator 14 V, 95 Amp  
 Replacing: AAK5186, 11.201.963  
 Servicing: Alfa Romeo, Citroen, Fiat, Lancia,  
 Peugeot  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 92.50 B: 55.80 mm


**B+ D+ W**

**112698** Alternator 14 V, 100 Amp

Replacing: AAK5580, 11.203.433

Servicing: Ford

B+ M6, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 33.00 B: 14.10 C: 83.30 mm


**B+ D+ W**

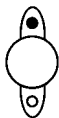
**112718** Alternator 14 V, 100 Amp

Replacing: AAK5326, 11.203.042

Servicing: Ford, New Holland

B+ M6, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 32.00 B: 14.00 C: 83.80 mm

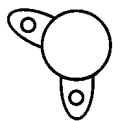

**112720** Alternator 14 V, 100 Amp

Replacing: AAK5722, 11.209.439

Servicing: Opel, Vauxhall

B+ M8, Grooves 1, Pulley P, Fan IF

A: 54.00 B: 33.40 C: 57.00 mm

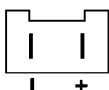
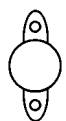

**112736** Alternator 14 V, 65 Amp

Replacing: AAK1378, 11.201.570

Servicing: Deutz-Fahr, Fahr, Iveco

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 76.50 B: 56.10 mm

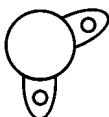

**L +**

**112744** Alternator 14 V, 60 Amp

Replacing: AAK3591, 11.201.532

Servicing: Renault, Volvo

B+ M6, Grooves 5, Pulley SP, Fan EF

A: 45.00 B: 27.00 C: 66.00 mm

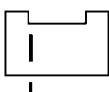

**112747** Alternator 28 V, 55 Amp

Replacing: AAK5734, AAK3318, 11.203.655, 11.201.903

Servicing: Deutz-Fahr, Ford, Iveco, KHD

B+ M8, Terminal W, Pulley w/o, Fan EF

B: 56.00 mm


**L**

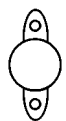
**112754** Alternator 14 V, 70 Amp

Replacing: AAK4542, 11.201.679

Servicing: Citroen, Peugeot

B+ M6, Grooves 1, Pulley P, Fan EF

A: 95.00 B: 56.00 mm

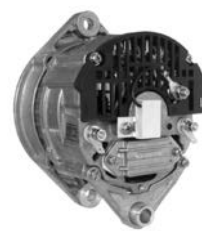

**112757** Alternator 28 V, 55 Amp

Replacing: AAN3115, 11.209.435

Servicing: Scania, Volvo

B+ M8, Terminal W, Pulley w/o, Fan EF

B: 27.50 C: 68.00 mm


**112768** Alternator 14 V, 55 Amp

Replacing: AAK4518, AAK4138, AAK1117, 11.201.600, 11.201.571, 11.201.304, 11.201.071

Servicing: Alfa Romeo, Goldoni

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 45.00 B: 17.00 C: 70.00 mm


**112803** Alternator 28 V, 80 Amp

Replacing: AAN3107, 11.209.416

Servicing: Volvo

B+ M8, Terminal W, Pulley w/o, Fan EF

B: 51.00 mm


**L**

**113245** Alternator 14 V, 125 Amp

Replacing: AAK5788, 11.204.022

Servicing: Nissan, Opel, Renault, Vauxhall

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 33.00 B: 13.90 C: 60.70 mm


**L**

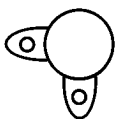
**113248** Alternator 14 V, 120 Amp

Replacing: AAK5779, 11.203.943

Servicing: Nissan, Opel, Renault, Vauxhall, Volvo

B+ M8, Grooves 5, Pulley SP/FW, Fan IF

A: 36.00 B: 14.00 C: 60.75 mm



**113340** Alternator 14 V, 70 Amp

Replacing: AAK5547

Servicing: Audi, Seat, Skoda, VW

B+ M8, Grooves 6, Pulley SP/FW, Fan IF

A: 39.00 B: 14.00 C: 62.00 mm



**113376** Alternator 14 V, 55 Amp

Replacing: AAK4143, AAK3130, AAK1181, AAK1131, 11.201.928, 11.201.309, 11.201.214

Servicing: Bedford, Lancia, Opel, Vauxhall

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 76.60 B: 56.20 mm



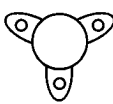
**113442** Alternator 14 V, 90 Amp

Replacing: AAK5308, 11.203.007

Servicing: Mercedes-Benz

B+ M8, Terminal W, Grooves 6, Pulley SP/FW, Fan IF

A: 82.00 B: 56.00 mm



**113448** Alternator 28 V, 100 Amp

Replacing: AAN3112, AAN0112, 11.209.422

Servicing: Mercedes-Benz

B+ M8, Terminal W, Pulley w/o, Fan EF

B: 80.00 mm



**113469** Alternator 14 V, 33 Amp

Replacing: AAG1307, 11.201.062

Servicing: Marshall, Steyr

B+ 9.40, Grooves 1, Pulley P, Fan EF  
*Dust proof.*

A: 75.50 B: 55.90 mm



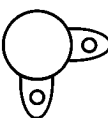
**113470** Alternator 28 V, 35 Amp

Replacing: AAK4531, AAK4348, AAK3820, AAK1337, 11.204.052, 11.203.404, 11.201.586, 11.201.479

Servicing: Iveco, KHD, Liebherr

B+ M6, Terminal W, Grooves 1, Pulley P, Fan w/o

A: 77.00 B: 55.80 mm



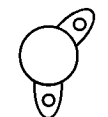
**113471** Alternator 14 V, 65 Amp

Replacing: AAK4556, 11.201.695

Servicing: Fiat, Lancia

B+ M6, Terminal W, Grooves 4, Pulley SP, Fan EF

A: 54.40 B: 32.00 mm



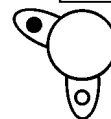
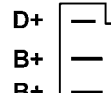
**113472** Alternator 14 V, 65 Amp

Replacing: AAK4558, 11.201.697

Servicing: Fiat, Innocenti, Lancia

B+ M6, Terminal W, Grooves 4, Pulley SP, Fan EF

A: 49.00 B: 24.90 C: 77.45 mm



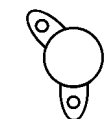
**113474** Alternator 14 V, 65 Amp

Replacing: AAK3320, AAK1324, 11.201.913, 11.201.396

Servicing: Austin, Landini, Massey Ferguson, Rover

B+ Plug, Terminal W, Grooves 1, Pulley P, Fan EF

A: 35.90 B: 11.00 C: 82.55 mm



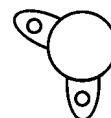
**113477** Alternator 28 V, 55 Amp

Replacing: AAK3334, AAK1383, 11.201.939, 11.201.746

Servicing: DAF, Volvo, Volvo BM, Volvo Penta

B+ M6, Terminal W, Pulley w/o, Fan EF, Insulated return

B: 50.80 mm



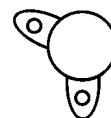
**113485** Alternator 14 V, 80 Amp

Replacing: AAK5329, 11.203.054

Servicing: Citroen, Fiat, Lancia, Peugeot, Suzuki

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 92.00 B: 56.00 mm



**113486** Alternator 14 V, 90 Amp

Replacing: AAK5309, 11.203.008

Servicing: Mercedes-Benz

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 91.85 B: 56.00 mm



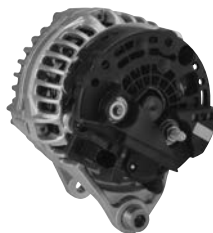
**113488<sup>#</sup>** Alternator 28 V, 140 Amp

Replacing: AAT1329, 11.203.231

Servicing: DAF

B+ M8, Terminal W, Pulley w/o, Fan EF  
B- M8, shaft 30 mm.

B: 15.50 C: 180.00 mm

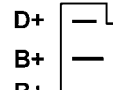


**113510** Alternator 14 V, 140 Amp

Replacing: AAN5792, 11.203.921

Servicing: Audi, Skoda, VW

B+ M8, Grooves 6, Pulley SP, Fan IF  
A: 30.00 B: 14.10 C: 82.00 mm



**113574** Alternator 14 V, 65 Amp

Replacing: AAK4118, 11.201.276

Servicing: Case, New Holland, Valtra

B+ Plug, Terminal W, Grooves 1,  
Pulley P, Fan EF

A: 36.85 B: 10.40 C: 83.00 mm



**113489** Alternator 14 V, 150 Amp

Replacing: 11.203.164

Servicing: Mercedes-Benz

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 82.30 B: 56.00 mm



**113529** Alternator 14 V, 120 Amp

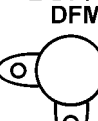
Replacing: AAK5592, AAK5355, AAK5354,

11.203.494, 11.203.088, 11.203.087

Servicing: Ford, New Holland

B+ M6, Terminal W, Grooves 8,  
Pulley SP, Fan IF

A: 32.00 B: 14.10 C: 83.30 mm



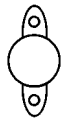
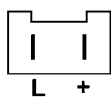
**113575** Alternator 14 V, 80 Amp

Replacing: AAK5740, 11.203.709

Servicing: Citroen, Fiat, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 42.00 B: 22.00 C: 45.00 mm



**113500** Alternator 14 V, 70 Amp

Replacing: AAK3595, 11.201.536

Servicing: Renault

B+ M6, Terminal W, Grooves 6,  
Pulley SP, Fan EF

A: 46.50 B: 27.00 C: 65.60 mm



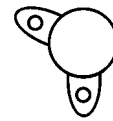
**113531** Alternator 14 V, 120 Amp

Replacing: AAK4321, 11.204.405, 11.203.332

Servicing: John Deere

B+ M8, Terminal W, Pulley w/o,  
Fan w/o

B: 56.20 mm



**113603** Alternator 14 V, 80 Amp

Replacing: AAK5739, 11.203.708

Servicing: Citroen, Fiat, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 42.00 B: 22.00 C: 46.00 mm



**113503** Alternator 14 V, 120 Amp

Replacing: AAK5585, 11.203.458

Servicing: Citroen, Fiat, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 43.00 B: 22.20 C: 45.00 mm



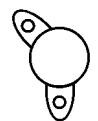
**113533** Alternator 14 V, 65 Amp

Replacing: AAK4569, 11.201.711

Servicing: Fiat, Lancia, Lombardini

B+ M6, Terminal W, Grooves 1,  
Pulley P, Fan EF

A: 52.00 B: 31.80 mm



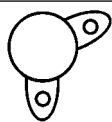
**113610** Alternator 14 V, 120 Amp

Replacing: AAK5364, AAK5181, 11.203.099

Servicing: Valtra

B+ M8x1.25/14.00, Terminal W,  
Pulley w/o, Fan IF

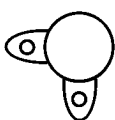
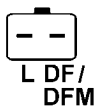
B: 56.00 mm



**113621** Alternator 14 V, 115 Amp  
 Replacing: AAK5759, AAK5746, 11.203.822, 11.203.730  
 Servicing: Ford, New Holland  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 33.55 B: 14.10 C: 83.35 mm



**113632** Alternator 14 V, 85 Amp  
 Replacing: AAK5197, AAK4829, AAK3329, 11.204.391, 11.201.989, 11.201.934  
 Servicing: John Deere, Lada  
 B+ M8, Terminal W, Pulley w/o, Fan IF  
 B: 56.10 mm



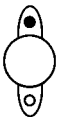
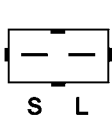
**113640** Alternator 14 V, 150 Amp  
 Replacing: AAN5549, 11.204.006, 11.203.512  
 Servicing: Citroen, Fiat, Lancia, Peugeot  
 B+ M8, Grooves 6, Pulley SP/FW, Fan IF  
 A: 43.00 B: 21.20 C: 45.80 mm



**113667#** Alternator 14 V, 90 Amp  
 Replacing: AAK5721, 11.209.433  
 Servicing: Fiat  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 44.00 B: 17.00 C: 55.25 mm



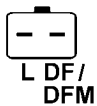
**113707** Alternator 14 V, 200 Amp  
 Replacing: AAN5840, 11.204.424  
 Servicing: John Deere, Various Industrial applications  
 B+ M8, Pulley w/o, Fan IF  
 B: 56.00 mm



**113716** Alternator 14 V, 120 Amp  
 Replacing: AAK3834, 11.204.069  
 Servicing: Thermo King, Yanmar  
 B+ M6, Terminal W, Pulley w/o, Fan EF  
 B: 51.00 mm



**113738** Alternator 28 V, 55 Amp  
 Replacing: AAK5565, AAK5376, 11.204.040, 11.203.396, 11.203.155  
 Servicing: Various Industrial applications  
 B+ M8, Terminal W, Pulley w/o, Fan IF  
 Dust proof.  
 B: 56.00 mm



**113755** Alternator 14 V, 150 Amp  
 Replacing: AAN8119  
 Servicing: Citroen, Fiat, Lancia, Peugeot, Suzuki, Toyota  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 43.00 B: 21.00 C: 45.10 mm



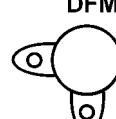
**113768** Alternator 14 V, 95 Amp  
 Replacing: AAK5794, AAK5567, AAK5566, AAK5336, AAK5335, AAK5141, 11.204.037, 11.203.398, 11.203.397  
 Servicing: Mercedes-Benz, Ssangyong  
 B+ M8, Terminal W, Pulley w/o  
 Dust proof.  
 B: 56.00 mm



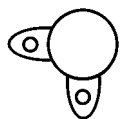
**113771** Alternator 14 V, 190 Amp  
 Replacing: AAN7111, AAN7101, 11.203.631, 11.203.468  
 Servicing: Mercedes-Benz, VW  
 B+ M8, Grooves 6, Pulley SP/FW, Fan IF  
 Water cooled.  
 A: 30.50 B: 93.45 C: 56.75 mm



**113772** Alternator 14 V, 190 Amp  
 Replacing: AAN7112, 11.203.632  
 Servicing: Mercedes-Benz  
 B+ M8, Grooves 6, Pulley SP/FW, Fan IF  
 Water cooled.  
 A: 31.00 B: 93.50 C: 56.00 mm



**113837** Alternator 14 V, 150 Amp  
 Replacing: AAN5742, 11.203.819  
 Servicing: Nissan, Opel, Renault, Vauxhall  
 B+ M8x1.25/15.00, Grooves 7, Pulley SP  
 A: 33.00 B: 14.30 C: 60.00 mm



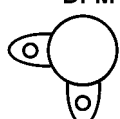
**113888** Alternator 14 V, 90 Amp

Replacing: AAK5837, 11.204.431

Servicing: VW

B+ M8, Terminal W, Grooves 6,  
Pulley SP, Fan IF

A: 39.00 B: 14.00 C: 59.00 mm



**113919** Alternator 14 V, 125 Amp

Replacing: AAK5791, 11.204.026

Servicing: Nissan, Renault

B+ M8, Grooves 7, Pulley SP, Fan IF

A: 32.50 B: 14.20 C: 60.70 mm



**113920** Alternator 28 V, 35 Amp

Replacing: AAK1368, 11.201.709

Servicing: MAN, Mercedes-Benz, Padane

B+ M8, Terminal W, Pulley w/o,  
Fan w/o

B: 80.40 mm



**113949** Alternator 14 V, 150 Amp

Replacing: AAN5122, AAN5120, 11.203.065,  
11.203.051

Servicing: Claas, John Deere

B+ M8, Terminal W, Pulley w/o, Fan IF

B: 56.00 mm



**113986** Alternator 14 V, 120 Amp

Replacing: AAK5388, 11.203.181

Servicing: Claas

B+ M8, Grooves 8, Pulley SP, Fan IF

A: 76.80 B: 50.00 mm



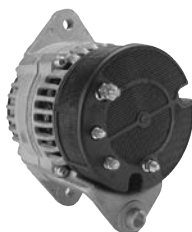
**113991** Alternator 14 V, 80 Amp

Replacing: AAK2307, 11.203.107

Servicing: KHD

B+ M8, Terminal W, Not Insulated return

B: 79.80 mm



**113999** Alternator 14 V, 150 Amp

Replacing: AAN5771, AAN5502, AAN5318,  
AAN5138, 11.204.159, 11.203.870,  
11.203.363, 11.203.124

Servicing: Case, Cummins, John Deere, New  
Holland

B+ M8, Terminal W, Pulley w/o, Fan IF,  
Not Insulated return  
*Without pulley.*

B: 13.87 C: 103.27 mm



**114000** Alternator 14 V, 120 Amp

Replacing: AAK5533, 11.203.281

Servicing: Claas

B+ M8, Terminal W, Grooves 8,  
Pulley SP, Fan IF

A: 83.00 B: 56.00 mm

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**114004\*** Alternator 14 V, 150 Amp

Replacing: AAN5125, 11.203.103



**114049** Alternator 14 V, 120 Amp

Replacing: AAK5562, AAK5323, AAK5194,  
AAK5193, AAK5189, 11.203.388, 11.203.365,  
11.203.033, 11.201.976

Servicing: Massey Ferguson

B+ M8, Terminal W, Pulley w/o, Fan IF,  
Not Insulated return

B: 14.23 C: 82.50 mm



**114077** Alternator 28 V, 40 Amp

Replacing: AAK2303, 11.201.485

Servicing: KHD

B+ M6, Terminal W, Pulley w/o, Not  
Insulated return

*Dust proof.*

NEW PRODUCT  
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**114081** Alternator 14 V, 95 Amp

Replacing: AAK5175, 11.201.908

Servicing: JCB

B+ M8, Terminal W, Grooves 8,  
Pulley SP, Fan IF

A: 30.5 B: 14.0 C: 78.0 mm



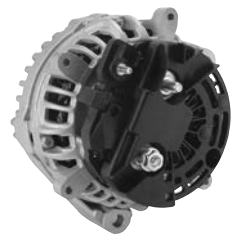
**114110** Alternator 28 V, 80 Amp  
 Replacing: AAN8189, AAN5121, AAN5116, 11.204.280, 11.203.064, 11.203.043  
 Servicing: Deutz-Fahr, KHD  
 B+ M8, Fan IF  
 B: 56.00 mm



**114192** Alternator 14 V, 200 Amp  
 Replacing: AAN5511, AAN5346, 11.204.187, 11.203.389  
 Servicing: Deutz-Fahr, Fendt  
 B+ M8, Terminal W, Pulley w/o, Fan IF  
 B: 56.00 mm



**114289** Alternator 14 V, 45 Amp  
 Replacing: AAK4342, AAK3368, AAK3345, 11.203.390, 11.203.060, 11.201.951  
 Servicing: KHD  
 B+ M6, Pulley w/o, Fan EF  
 B: 56.00 mm



**114379** Alternator 14 V, 150 Amp  
 Replacing: AAN5869, 11.204.502  
 Servicing: John Deere  
 B+ M8, Pulley w/o, Fan IF, Not Insulated return  
 B: 56.30 mm



**114464** Alternator 28 V, 55 Amp  
 Replacing: AAK5568, AAK5334, 11.203.399, 11.203.061  
 Servicing: KHD  
 Terminal W, Pulley w/o, Fan IF  
 B: 55.00 mm



**114465** Alternator 14 V, 70 Amp  
 Replacing: AAK3339, 11.201.945  
 Servicing: Volvo BM  
 B+ M8, Grooves 1, Pulley P, Fan EF  
*Dust proof.*  
 A: 76.00 B: 51.00 mm



**114469** Alternator 14 V, 175 Amp  
 Replacing: AAN5702, 11.203.720, 11.203.191  
 Servicing: Case  
 B+ M8x1.25, Pulley w/o, Fan IF  
*Dust proof.*  
 B: 13.00 C: 101.00 mm



**114470** Alternator 14 V, 120 Amp  
 Replacing: AAK3380, 11.203.151  
 Servicing: Deutz-Fahr  
 B+ M8, Pulley w/o, Fan EF  
 B: 56.00 mm



**114513** Alternator 14 V, 95 Amp  
 Replacing: AAK5125, 11.201.738  
 Servicing: Claas, Mercedes-Benz, Renault Agriculture  
 B+ M8, Terminal W, Grooves 8, Pulley SP, Fan IF  
 A: 83.00 B: 56.00 mm



**114514** Alternator 14 V, 95 Amp  
 Replacing: AAK5157, 11.201.830  
 Servicing: Renault Agriculture  
 B+ M8, Terminal W, Grooves 8, Pulley SP, Fan IF  
 A: 77.10 B: 50.00 mm



**114671** Alternator 14 V, 120 Amp  
 Replacing: AAK5599, AAK5577, AAK5560, 11.203.523, 11.203.423, 11.203.383  
 Servicing: Massey Ferguson  
 B+ M8, Terminal W, Pulley w/o, Fan IF  
 B: 56.00 mm



**114735** Alternator 14 V, 150 Amp  
 Replacing: AAN5308  
 Servicing: Claas, Fendt, John Deere  
 B+ M8, Terminal W, Fan IF  
 B: 56.00 mm



**114767** Alternator 28 V, 100 Amp

Replacing: AAN8170, AAN8167, AAN8156, AAN5806, AAN5597, AAN5595, AAN5546, AAN5124, 11.204.337, 11.204.258

Servicing: Perkins, Various, Various Agriculture Vehicles, Various Industrial applications

B+ M8, Terminal W, Pulley w/o, Fan IF  
B: 55.00 mm



**114772** Alternator 14 V, 95 Amp

Replacing: AAK5807, AAK5758, AAK5583, 11.204.115, 11.203.812, 11.203.440

Grooves 8, Pulley SP, Fan IF

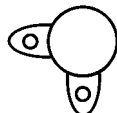
**NEW PRODUCT**  
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**114783** Alternator 14 V, 95 Amp

Replacing: AAK4849, AAK4378, AAK3817, 11.204.463, 11.204.049, 11.203.524

Servicing: KHD, Linde

B+ M8x1.25, Pulley w/o, Fan EF  
B: 56.00 mm



**114797** Alternator 14 V, 120 Amp

Replacing: AAN5178, 11.203.288

Servicing: Audi, Ford, Seat, Skoda, VW

B+ M8, Terminal W, Grooves 6, Pulley SP/FW, Fan IF

As HC-CARGO 112002, but with pulley

A: 39,00 B: 14.50 C: 59.00 mm

**NEW PRODUCT**  
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**114808** Alternator 14 V, 120 Amp

Replacing: AAK5761, AAK5711, 11.203.828, 11.203.565

**NEW PRODUCT**  
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**114868** Alternator 14 V, 75 Amp

Replacing: AAK4363, AAK4334, AAK4330, AAK1888, 11.203.905, 11.203.462, 11.203.368, 11.203.350

Servicing: Various Industrial applications

B+ M8x1.25, Terminal W, Grooves 8, Pulley SP, Fan EF, Insulated return

A: 27.2 B: 51.0 mm



**B+ D+ W**

**NEW PRODUCT**  
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**114896\*** Alternator 14 V, 120 Amp

Replacing: AAK5760, AAK5591, 11.203.823, 11.203.493

Terminal W, Grooves 8, Pulley SP, Fan IF

**NEW PRODUCT**  
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**115309** Alternator 28 V, 35 Amp

Replacing: AAK4343, 11.203.391

Servicing: Deutz-Fahr, KHD

Pulley w/o, Fan EF

**NEW PRODUCT**  
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**115343\*** Alternator 14 V, 175 Amp

Replacing: AAN8164, AAN5193, 11.204.252, 11.203.340

Grooves 8, Pulley SP, Fan IF



**115381** alternator 28 V, 80 Amp

Replacing: AAN8152, AAN5167, 11.204.240, 11.203.250

Pulley w/o, Fan IF, Insulated return





**110348** Alternator 14 V, 55 Amp

Replacing: T2223701010, T222-3701010, 37.3701, 224-373701, 224-370701, 2108-3701010

Servicing: Lada

B+ M6, Grooves 1, Pulley P, Fan EF

A: 45.00 B: 19.60 C: 63.00 mm



**110349** Alternator 14 V, 55 Amp

Replacing: L211A14B, KAT22112642, F22112B42A, 221-3701000, 2121-3701010, 2101-3710000, 2101-3701010

Servicing: Lada

B+ M6, Grooves 1, Pulley P, Fan EF

Regulator: HC-CARGO 130613.

A: 44.50 B: 18.50 C: 61.50 mm



**110350** Alternator 14 V, 44 Amp

Replacing: KAT3KT22214B, 222-3701010, 222-3701005, 2105-3701010, 2105-3701005

Servicing: Fiat, Lada

B+ M6, Grooves 1, Pulley P, Fan EF

A: 46.50 B: 19.50 C: 60.50 mm



**111811** Alternator 14 V, 80 Amp

Replacing: 9402.3701-14, 9402-3701000, 5102.3771, 2112-3701010-08, 2112-3701010, 2112-37001010, 2110-3701010

Servicing: Lada

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 92.00 B: 56.00 mm



**112191** Alternator 14 V, 80 Amp

Replacing: 9412.3701, 21214-3701010, 2121-43701010

Servicing: Lada

B+ M6, Grooves 1, Pulley P, Fan EF

A: 81.40 B: 56.00 mm



**110371** Alternator 14 V, 65 Amp

Replacing: 8EA2018N

Servicing: Carrier Transcold, Kubota

B+ M8, Terminal W, Grooves 1,

Pulley P, Fan EF

With mounting kit.

B: 27.00 mm



**110801** Alternator 28 V, 45 Amp

Replacing: A0012303JB, 2303JB

Servicing: Atlas Copco, Case, Caterpillar,

Cummins, Fiat-Allis, International

B+ 1/4" UNF, Terminal W, Pulley w/o,

Fan EF

B: 14.80 C: 100.00 mm



**110937** Alternator 14 V, 200 Amp

Replacing: 7064A, 4725JA, 4625JA, 4425JA,  
2805J, 2800LJ, 2500J, 2400JB, 2400J,  
2360JB, 2360J, 2300JC, 2300JB

Servicing: Cadillac, Caterpillar, International

B+ M8, Terminal W, Pulley w/o, Fan EF,  
Insulated return

B: 15.00 C: 98.20 mm



**112159** Alternator 28 V, 80 Amp

Replacing: BCA3920

Servicing: DAF, MAN, Mercedes-Benz, Renault  
V.I.

B+ M8, Terminal W, Pulley w/o, Fan EF

B: 80.40 mm



**112560** Alternator 28 V, 140 Amp

Replacing: A0014727JB, 4727JB

Servicing: Cummins

B+ M8, Pulley w/o, Fan EF

B: 14.00 C: 101.50 mm



**113651** Alternator 14 V, 160 Amp

Replacing: A0012700LC, A0012700JB,  
A0012670LC, A0012670JB, A001090557,  
A001090550, A001090546, A001090524

Servicing: Various Industrial applications

B+ M8, Pulley w/o, Fan EF, Insulated  
return

B: 13.80 C: 103.30 mm



**113740<sup>#</sup>** Alternator 14 V, 160 Amp

Replacing: A0012800JB, 2800JB, 2800J

Servicing: Caterpillar, Deutz-Fahr, Ford,

International, Various, Volvo

B+ 5/16" UNC, Grooves 2, Pulley DP,

Fan EF

A: 45.00 B: 14.85 C: 101.25 mm



**115386** alternator 28 V, 140 Amp

Replacing: BLD3314GH, BLD3314C, BLD3314

Servicing: Various Agriculture Vehicles,  
Various Industrial applications

B+ 5/16" UNF, Fan EF

B: 14.00 C: 102.00 mm

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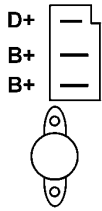
**115387** alternator 28 V, 140 Amp

Replacing: BLP3317A, BLP3317

Servicing: Various Agriculture Vehicles,  
Various Industrial applications

B+ 5/16" UNF, Fan EF, Insulated return

B: 80.00 mm



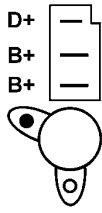
**110107** Alternator 14 V, 55 Amp

Replacing: 24204, 24124, 24033A, 24033

Servicing: Massey Ferguson

B+ 6.30, Pulley w/o, Fan w/o

B: 27.00 mm



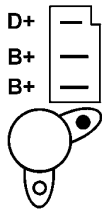
**110178** Alternator 14 V, 36 Amp

Replacing: 54022165, 54022083, 54022032, 54022017, 54022006, 54021993, 54021918, 54021917, 54021898, 54021868

Servicing: Austin, Bedford, Case, Ford, Jensen, Land Rover, Lotus, Massey Ferguson, MG, Morris, New Holland, Plymouth, Talbot

B+ 9.40, Pulley w/o, Fan EF

B: 10.00 C: 87.00 mm



**110179** Alternator 14 V, 36 Amp

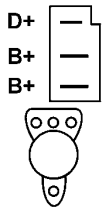
Replacing: 54022084, 54022011, 54021985, 54021845, 54021810, 54021493, 24180, 24153, 24141, 24133, 24108

Servicing: Bedford, Case, Ford, Jaguar, Land Rover, LDV International, Lotus, Mercury, Triumph, Vauxhall

B+ 9.40, Pulley w/o, Fan EF

For pulley w/ 17.00 mm bore use bushing: HC-CARGO 134894.

B: 9.75 C: 88.00 mm



**110497** Alternator 14 V, 70 Amp

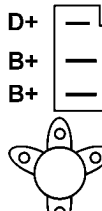
Replacing: NAB900, 66921126, 66021155, 66021070

Servicing: Austin-Healey, Various Agriculture Vehicles

B+ 9.40, Terminal W, Grooves 1, Pulley P, Fan EF

With mounting bearing bracket for left and right engine side.

A: 42.50 B: 10.50 C: 84.00 mm



**110577** Alternator 28 V, 55 Amp

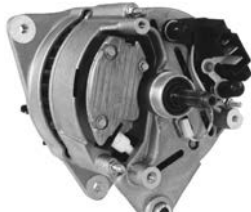
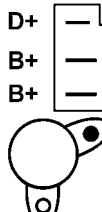
Replacing: NAB903

Servicing: Various

B+ M6, Terminal W, Grooves 2, Pulley DP, Fan EF

With mounting bearing bracket for left and right engine side.

A: 115.20 B: 80.10 mm



**110607** Alternator 14 V, 70 Amp

Replacing: 54022558, 54022516, 54022513, 54022374, 54022351, 54022301, 54022248, 54022222, 54022130, 24264A

Servicing: Ford

B+ M6, Grooves 4, Pulley SP, Fan w/o As HC-CARGO 111754, but w/o vacuum pump.

A: 33.70 B: 11.30 C: 83.00 mm



**110612<sup>#</sup>** Alternator 14 V, 43 Amp

Replacing: 54022427, 54022381, 54022260, 54022257, 54022215, 54022206, 54022205, 54022154, 54022146, 54021757

Servicing: Bertone, Fiat, Lancia, Zastava

B+ M6, Grooves 1, Pulley P, Fan EF

A: 52.45 B: 23.15 C: 73.00 mm



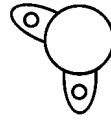
**110630<sup>#</sup>** Alternator 14 V, 70 Amp

Replacing: 54022338

Servicing: Nissan

B+ M6, Grooves 6/4, Pulley SP, Fan EF

A: 35.35 B: 19.88 C: 81.30 mm



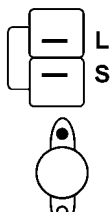
**110641** Alternator 14 V, 33 Amp

Replacing: 24171

Servicing: Bosch, BPM, Case, Claas, Deutz-Fahr, Fahr, Fendt, Goldoni, Kramer, Lamborghini, Liebherr, Linde

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 76.30 B: 56.00 mm



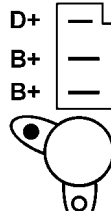
**110659** Alternator 14 V, 75 Amp

Replacing: A8520

Servicing: Dodge, Eagle, Hyundai, Mitsubishi, Plymouth

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 38.15 B: 13.00 C: 55.00 mm



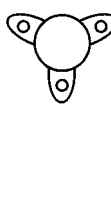
**110759** Alternator 14 V, 35 Amp

Replacing: 61920312

Servicing: Austin, Ford, Mercury

B+ 9.40, Grooves 1, Pulley P, Fan EF

A: 36.15 B: 10.50 C: 79.00 mm



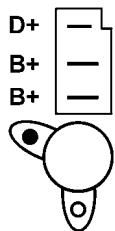
**110766** Alternator 28 V, 27 Amp

Replacing: A0924

Servicing: Atlas Copco, Case, Deutz-Fahr, Iveco, KHD, Liebherr, Magirus-Deutz, Mercedes-Benz, Steyr

B+ M6, Terminal W, Pulley w/o, Fan EF

B: 56.00 mm


**110770** Alternator 14 V, 55 Amp

Replacing: 54022686, 54022625, 54022623, 54022621, 54022616, 54022590, 54022554, 54022536, 54022483, 54022458

Servicing: Austin, LDV, Massey Ferguson, MG, Rover, Vauxhall

B+ M6, Terminal W, Pulley w/o, Fan w/o

B: 11.20 C: 82.00 mm


**110882** Alternator 14 V, 45 Amp

Replacing: 61920270

Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Same

B+ M6, Grooves 1, Pulley P, Fan w/o

A: 47.00 B: 16.25 C: 63.00 mm


**110890** Alternator 14 V, 55 Amp

Replacing: 61920269

Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Same

B+ M6, Grooves 1, Pulley P, Fan w/o

A: 49.00 B: 17.00 C: 63.00 mm


**110891** Alternator 14 V, 70 Amp

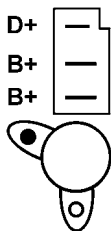
Replacing: 54022604, 54022603, 54022419, 54022388, 54022344, 54022340, 54022283, 54022279, 54022236, 54022233

Servicing: Ford, Land Rover, MG

B+ M6, Terminal W, Pulley w/o, Fan w/o

As HC-CARGO 114788, but without pulley

B: 11.30 C: 83.00 mm

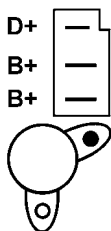

**110968** Alternator 14 V, 70 Amp

Replacing: NAB300, 66021113, 60921030, 60921029, 60210167, 60210165, 60210164, 60210163, 60210158, 60021066

Servicing: Austin, Case, Dronningborg, Mercedes-Benz, MG, Nissan, Rover, Valtra

B+ M6, Grooves 1, Pulley P, Fan EF

A: 34-43 B: 11.00 C: 82.00 mm

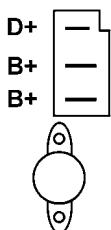

**110969** Alternator 14 V, 65 Amp

Replacing: NAB301, 60921031, 60921028, 60210160, 60210159, 60021065, 60021061, 60021041, 60021015, 60021012

Servicing: Land Rover, Various Agriculture Vehicles

B+ M6, Grooves 1, Pulley P, Fan EF

A: 38.00 B: 11.00 C: 82.00 mm

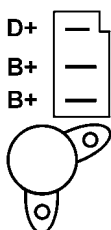

**110970** Alternator 14 V, 65 Amp

Replacing: NAB302

Servicing: Massey Ferguson

B+ M6, Grooves 1, Pulley P, Fan EF

A: 58.00 B: 27.10 mm

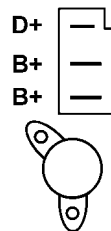

**110971**<sup>#</sup> Alternator 14 V, 65 Amp

Replacing: NAB303

Servicing: Opel, Various Agriculture Vehicles, Vauxhall

B+ Plug, Terminal W, Grooves 1, Pulley P, Fan EF

A: 85.00 B: 56.00 mm

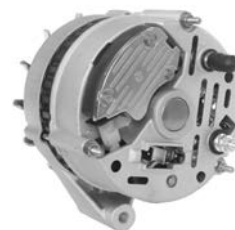
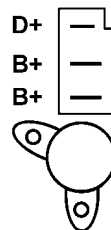

**110972** Alternator 14 V, 65 Amp

Replacing: NAB304, 66021101, 60021056, 60021055, 60021054

Servicing: Opel, Various Agriculture Vehicles, Vauxhall

B+ Plug, Grooves 1, Pulley P, Fan EF

A: 87.90 B: 56.00 mm

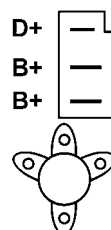

**110975** Alternator 14 V, 65 Amp

Replacing: NAB307, 60021068, 60021067, 60021063, 60021026, 54021649

Servicing: Audi, Various Agriculture Vehicles, VW

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 82.85 B: 56.25 mm

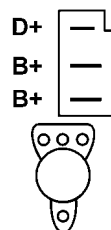

**110976** Alternator 14 V, 65 Amp

Replacing: NAB904, NAB902

Servicing: Various

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF, Not Insulated return With mounting bearing bracket for left and right engine side. Universal Alternator.

B: 56.00 mm


**110977** Alternator 28 V, 35 Amp

Replacing: NAB901, NAB501

Servicing: Universal

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 41.80 B: 11.00 C: 84.00 mm



**111035** Alternator 14 V, 65 Amp

Replacing: 54022240, 54022171, 24214A, 24214, 24213A, 24213, 24203

Servicing: Audi, Autobianchi, Case, Fiat, Innocenti, Lancia, VW, Zastava

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 51.25 B: 22.00 C: 73.00 mm



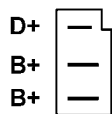
**111078** Alternator 14 V, 45 Amp

Replacing: 24041

Servicing: Autobianchi, Fiat, Lancia, Seat, Zastava

B+ M6, Grooves 1, Pulley P, Fan EF

A: 53.25 B: 23.50 mm



**111086** Alternator 14 V, 65 Amp

Replacing: 61920400, 61920316, 61920315, 24149, 24118, 24062, 24027, 23864

Servicing: Austin, Ford, Mercury, MG, Rover

B+ Plug, Grooves 1, Pulley P, Fan IF

A: 34.60 B: 10.80 C: 81.00 mm



**111148** Alternator 14 V, 65 Amp

Replacing: 54022420

Servicing: Autobianchi, Fiat, Lancia, Zastava

B+ M6, Grooves 1, Pulley P, Fan w/o

A: 52.25 B: 23.00 C: 73.00 mm



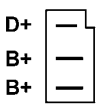
**111176** Alternator 14 V, 75 Amp

Replacing: 54022716, 54022652, 54022614, 54022602, 54022585, 54022584, 54022514, 54022474, 54022346, 54022330

Servicing: Ford, Land Rover, LDV, Rover

B+ M6, Terminal W, Pulley w/o, Fan w/o  
As HC-CARGO 114795, but without pulley

B: 11.25 C: 81.65 mm



**111184** Alternator 14 V, 43 Amp

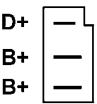
Replacing: 61920289, 61920287, 61920107, 54021987, 54021873, 54021764, 54021551, 54021351, 26024243, 24237A

Servicing: Ford, Land Rover, Massey Ferguson, Rover, Triumph, Vauxhall

Pulley w/o, Fan IF

For pulley w/ 17.00 mm bore use bushing:  
HC-CARGO 134894.

B: 9.85 C: 87.00 mm



**111185** Alternator 14 V, 43 Amp

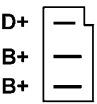
Replacing: 54021350, 26921046, 26021235, 24185, 24181A, 24134A, 24134, 24099A, 24099, 24082, 24065A, 24065

Servicing: Austin, Case, Ford, Land Rover, LDV, Lotus, Massey Ferguson, MG, Morris, Rover, Triumph, Vauxhall

Pulley w/o, Fan IF

As HC-CARGO 114796, but without pulley

B: 9.80 C: 81.00 mm



**111204** Alternator 14 V, 70 Amp

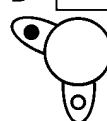
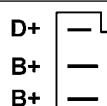
Replacing: NAB905, 24166, 24017, 24016, 24014, 23999, 23991, 23986A, 23986

Servicing: Case, Jaguar

B+ M6, Grooves 1, Pulley P, Fan EF

With mounting bearing bracket for left and right engine side.

A: 54.15 B: 27.00 mm



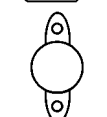
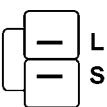
**111289** Alternator 14 V, 70 Amp

Replacing: 61920314, 61920311, 54022620, 54022572, 54022243, 54022147, 54021921, 54021919, 24318, 24199, 24181

Servicing: Austin, Case, Dronningborg, Ford, Land Rover, Massey Ferguson, MG, Morris, Rover

B+ 9.40, Terminal W, Grooves 1, Pulley P, Fan EF

A: 35.00 B: 12.50 C: 80.00 mm



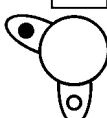
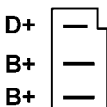
**111315** Alternator 14 V, 90 Amp

Replacing: 66021300

Servicing: Ford, Mazda

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 37.65 B: 13.20 C: 66.45 mm



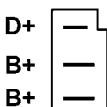
**111355** Alternator 14 V, 65 Amp

Replacing: 54022752, 54022647, 54022642, 54022639, 54022579, 54022428, 54022408, 54022382, 54022200, 54022176

Servicing: Austin, Dronningborg, Massey Ferguson, MG, New Holland, Nissan, Rover, Universal, Valtra

B+ M6-6.30, Terminal W, Grooves 1, Pulley P, Fan EF

A: 37.00 B: 11.50 C: 81.00 mm



**111356** Alternator 14 V, 55 Amp

Replacing: 54022595, 54022581, 54022418, 54022410, 54022389, 54022342, 54022313, 54022291, 54022285, 54022234

Servicing: Ford, Various Agriculture Vehicles

B+ 9.40, Terminal W, Grooves 3, Pulley SP, Fan EF

A: 43.00 B: 10.80 C: 81.00 mm

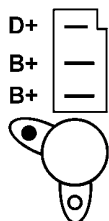

**111361** Alternator 14 V, 67 Amp

Replacing: 54022664, 54022662, 54022654, 54022653, 54022608, 54022375, 54022308, 24418, 24411, 24286

Servicing: Nissan

B+ M6, Terminal W, Grooves 4, Pulley SP, Fan EF

A: 69.65 B: 25.00 C: 81.00 mm

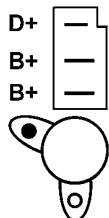

**111362** Alternator 14 V, 55 Amp

Replacing: 54022803, 54022740, 54022695, 54022668, 54022598, 54022335, 54022241, 54022211, 54022182, 54022160

Servicing: Austin, Ford, Land Rover, MG, Rover, Valtra

B+ Plug, Terminal W, Grooves 1, Pulley P, Fan EF

A: 34.50 B: 11.00 C: 81.00 mm

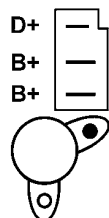

**111363** Alternator 14 V, 45 Amp

Replacing: 54022481, 54022310, 54022292, 24327A, 24256C, 24256A, 24256, 24246A, 24246

Servicing: Ford, New Holland

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 36.70 B: 11.00 C: 83.00 mm

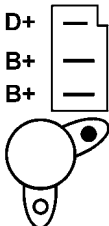

**111364** Alternator 14 V, 55 Amp

Replacing: 54022593, 54022586, 54022385, 54022266, 54022227, 54022218, 54022213, 54022183, 54022152, 54022151

Servicing: Ford, Rover

B+ M6-6.30, Terminal W, Grooves 1, Pulley P, Fan EF

A: 35.50 B: 12.50 C: 81.00 mm

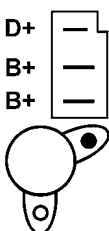

**111366** Alternator 14 V, 45 Amp

Replacing: 54022401, 54022274, 54022265, 54022264, 54022246, 54022228, 54022207, 54022196, 54022166, 54022145

Servicing: Land Rover, LDV

B+ M6, Terminal W, Pulley w/o, Fan w/o

B: 11.00 C: 81.00 mm


**111368** Alternator 14 V, 70 Amp

Replacing: 54022754, 54022747, 54022700, 54022617, 54022589, 54022519, 54022518, 54022517, 54022449, 54022448

Servicing: Ford

Terminal W, Grooves 1, Pulley P, Fan EF

A: 34.90 B: 12.00 C: 82.60 mm


**111418** Alternator 14 V, 60 Amp

Replacing: 61920275

Servicing: Alfa Romeo, Fiat, Iveco

B+ M6, Grooves 1, Pulley P, Fan EF

A: 49.00 B: 17.00 C: 66.00 mm


**111495** Alternator 14 V, 40 Amp

Replacing: LRA002043

Servicing: Hyster, Mitsubishi, Sumitomo, Yale

B+ M6, Grooves 1, Pulley P, Fan IF

A: 42.00 B: 13.00 C: 81.50 mm

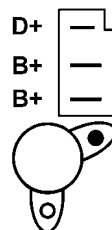

**111510** Alternator 28 V, 45 Amp

Replacing: 47020090, 47020083, 47020061

Servicing: Ford, Perkins

B+ M6, Terminal W, Pulley w/o, Fan EF, Insulated return

B: 10.00 C: 82.00 mm


**111569** Alternator 28 V, 30 Amp

Replacing: 54022711, 54022619, 54022578, 54022415, 24413, 24406, 24299

Servicing: DAF, LDV International

B+ M6, Terminal W, Pulley w/o, Fan w/o

B: 11.70 C: 82.80 mm

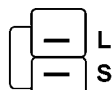

**111623** Alternator 14 V, 70 Amp

Replacing: 54022708, 54022689, 54022615, 54022610, 54022588, 54022583, 54022575, 54022565, 54022564, 54022557

Servicing: Ford

B+ M6, Terminal W, Grooves 4, Pulley SP, Fan EF

A: 33.00 B: 11.80 C: 83.40 mm

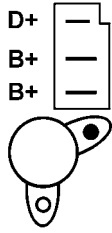

**111626** Alternator 14 V, 90 Amp

Replacing: LRA0468

Servicing: Mitsubishi

B+ M8, Grooves 2, Pulley DP, Fan IF

A: 42.00 B: 13.20 C: 54.60 mm



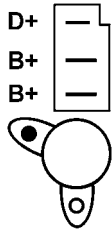
**111738** Alternator 14 V, 65 Amp

Replacing: 61920310, 54022789, 54022628, 54022390, 54022379, 54022254, 24290A, 24290

Servicing: Rover

B+ M6, Terminal W, Pulley w/o, Fan w/o

B: 11.00 C: 82.00 mm



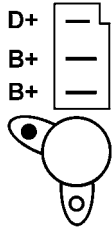
**111739** Alternator 14 V, 55 Amp

Replacing: 54022336, 24273A, 24273

Servicing: Ford, New Holland

B+ M6, Terminal W, Pulley w/o, Fan EF With battery sensor terminal.

B: 11.40 C: 82.30 mm



**111740** Alternator 14 V, 70 Amp

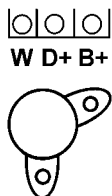
Replacing: 54022337, 24400, 24274A, 24274, 24250, 24186B, 24186A, 24186

Servicing: Ford

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

With battery sensor terminal.

A: 35.50 B: 11.30 C: 82.70 mm



**111741** Alternator 14 V, 70 Amp

Replacing: 54022601, 54022600, 54022378, 54022323, 54022322, 24308, 24257

Servicing: Ford

B+ M6, Terminal W, Pulley w/o, Fan w/o

B: 11.50 C: 81.00 mm



**111742** Alternator 14 V, 70 Amp

Replacing: 54022708, 54022689, 54022610, 54022588, 54022583, 54022582, 54022575, 54022565, 54022564, 54022557

Servicing: Ford

B+ M6, Terminal W, Grooves 4, Pulley SP, Fan EF

A: 34.00 B: 12.00 C: 83.00 mm



**111743<sup>#</sup>** Alternator 14 V, 55 Amp

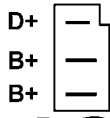
Replacing: 54022429, 54022425, 24316

Servicing: Ford

B+ M6, Terminal W, Grooves 4, Pulley SP, Fan w/o

With vacuum pump: HC-CARGO 111367.

A: 33.45 B: 12.25 C: 82.50 mm



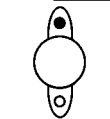
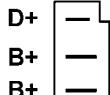
**111754** Alternator 14 V, 70 Amp

Replacing: 54022569, 54022558, 54022539, 54022538, 54022516, 54022515, 54022512, 54022374, 54022373, 54022351

Servicing: Ford

B+ 9.40, Grooves 4, Pulley SP, Fan w/o Without vacuum pump: HC-CARGO 110607.

A: 33.65 B: 12.25 C: 82.70 mm



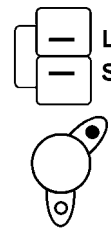
**111948** Alternator 14 V, 70 Amp

Replacing: 24123A, 24123, 24087D, 24087B, 24087A, 24087, 24022A, 24022, 24019A, 24019, 23880, 23865A, 23865

Servicing: Massey Ferguson

B+ Plug, Terminal W, Pulley w/o, Fan EF

B: 29.00 mm



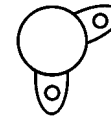
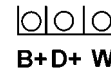
**111956** Alternator 14 V, 75 Amp

Replacing: LRA0469

Servicing: Mitsubishi

B+ M8, Grooves 2, Pulley DP, Fan IF

A: 41.00 B: 13.00 C: 55.00 mm



**112021** Alternator 14 V, 100 Amp

Replacing: 54022498, 54022459

Servicing: Land Rover

B+ M6, Terminal W, Grooves 7, Pulley SP, Fan IF

A: 31.00 B: 13.50 C: 83.50 mm



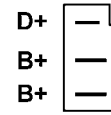
**112097** Alternator 28 V, 30 Amp

Replacing: LRA2378, A0828, 61920271

Servicing: Allis Chalmers, Astra, Fahr, Iveco, Laverda

B+ M6, Grooves 1, Pulley P, Fan w/o

A: 45.00 B: 17.00 C: 63.00 mm



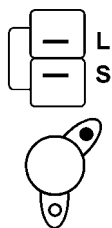
**112112** Alternator 14 V, 70 Amp

Replacing: 57020057, 47020089, 47020088, 47020086, 47020084, 47020068, 47020067, 47020065, 47020059, 47020057

Servicing: Perkins, Sabre, Yanmar

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF, Insulated return

A: 45.00 B: 11.50 C: 82.50 mm

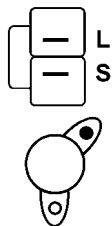

**112128** Alternator 14 V, 75 Amp

Replacing: 61920401, 61920334, 54021851

Servicing: Mitsubishi

B+ M8, Grooves 2, Pulley DP, Fan IF

A: 42.00 B: 13.00 C: 55.10 mm

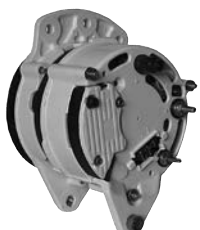
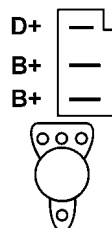

**112205** Alternator 14 V, 90 Amp

Replacing: 61920402, 61920335

Servicing: Hyundai, Mitsubishi

B+ M8, Grooves 2, Pulley DP, Fan IF

A: 42.00 B: 13.10 C: 54.90 mm


**112237** Alternator 14 V, 70 Amp

Replacing: NAB900M

Servicing: Various

B+ M6, Terminal W, Grooves 1,

Pulley P, Fan EF, Insulated return

*Pulley distance is ok from 34.00 to 43.00 mm.*

A: 34.00-43.00 B: 10.90

C: 84.00 mm


**112238** Alternator 14 V, 65 Amp

Replacing: 54022663, 54022646, 54022591,

54022552, 54022510, 54022393, 54022268,

54022267, 54022256, 54022220

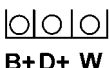
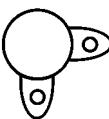
Servicing: Austin, DAF, Land Rover, LDV,

Rover

B+ M6, Terminal W, Grooves 1,

Pulley P, Fan EF

A: 36.00 B: 11.50 C: 81.70 mm


**B+ D+ W**

**112324** Alternator 14 V, 85 Amp

Replacing: 54022468

Servicing: Rover

B+ M6, Terminal W, Grooves 6,

Pulley SP, Fan IF

A: 39.50 B: 14.20 C: 69.80 mm


**112529** Alternator 14 V, 90 Amp

Replacing: LRA1860

Servicing: Daewoo, John Deere, Mercedes-Benz,

Ssangyong

B+ M8, Terminal W, Grooves 6,

Pulley SP, Fan IF

A: 92.00 B: 56.10 mm


**112650** Alternator 14 V, 65 Amp

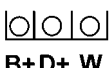
Replacing: 26021117

Servicing: Tata

B+ M6, Terminal W, Grooves 4,

Pulley SP, Fan EF

A: 42.00 B: 14.75 C: 81.00 mm


**B+ D+ W**

**112698** Alternator 14 V, 100 Amp

Replacing: 54022549

Servicing: Ford

B+ M6, Terminal W, Grooves 6,

Pulley SP, Fan IF

A: 33.00 B: 14.10 C: 83.30 mm


**B+ D+ W**

**112718** Alternator 14 V, 100 Amp

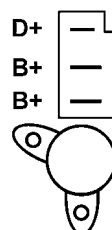
Replacing: 54022527, 54022443

Servicing: Ford, New Holland

B+ M6, Terminal W, Grooves 6,

Pulley SP, Fan IF

A: 32.00 B: 14.00 C: 83.80 mm


**112722** Alternator 14 V, 70 Amp

Replacing: 54022751, 54022746, 54022656,

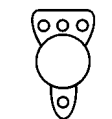
54022580, 54022561, 54022560, 54022532,

54022530, 54022529, 54022528

Servicing: Massey Ferguson

B+ M6, Terminal W, Pulley w/o, Fan EF

B: 10.50 C: 83.50 mm


**113152** Alternator 14 V, 90 Amp

Replacing: NAB900M

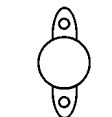
Servicing: Various

B+ M6, Terminal W, Grooves 1,

Pulley P, Fan EF, Insulated return

*For right and left mounting.*

A: 44.50 B: 13.50 C: 82.20 mm


**113376** Alternator 14 V, 55 Amp

Replacing: 61920201

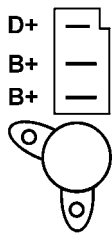
Servicing: Bedford, Lancia, Opel, Vauxhall

B+ M6, Terminal W, Grooves 1,

Pulley P, Fan EF

A: 76.60 B: 56.20 mm



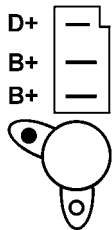


**113378** Alternator 14 V, 45 Amp

Replacing: 61920286, 54021879, 24211A, 24079A, 24079, 24072, 23993, 23846, 23845, 23830, 23814, 23807, 23740

Servicing: Austin, Ford, Land Rover  
B+ 9.40, Terminal S, Pulley w/o, Fan w/o

B: 9.10 C: 87.80 mm



**113474** Alternator 14 V, 65 Amp

Replacing: 54022007, 54022001, 24090, 24067, 24034, 24015, 24013, 23996, 23943, 23938, 23937, 23902, 23862

Servicing: Austin, Landini, Massey Ferguson, Rover

B+ Plug, Terminal W, Grooves 1, Pulley P, Fan EF

A: 35.90 B: 11.00 C: 82.55 mm



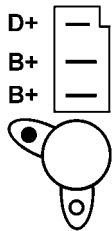
**113543** Alternator 14 V, 55 Amp

Replacing: LRA02116

Servicing: John Deere

B+ M6, Terminal W, Grooves 8, Pulley SP, Fan EF

A: 77.40 B: 50.75 mm

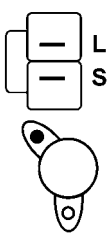


**113574** Alternator 14 V, 65 Amp

Replacing: 24049B, 24049A, 24049, 23680

Servicing: Case, New Holland, Valtra  
B+ Plug, Terminal W, Grooves 1, Pulley P, Fan EF

A: 36.85 B: 10.40 C: 83.00 mm



**113600** Alternator 14 V, 90 Amp

Replacing: LRA03022

Servicing: Bobcat

B+ M8, Grooves 1, Pulley P, Fan IF

A: 37.50 B: 13.00 C: 57.70 mm



**113623** Alternator 14 V, 70 Amp

Replacing: 54022626, 54022525, 54022397, 24415, 24414, 24385, 24384, 24295B, 24295A, 24295

Servicing: Ford, Honda

B+ M6, Terminal W, Pulley w/o, Fan w/o

B: 12.00 C: 82.60 mm



**113683** Alternator 14 V, 36 Amp

Replacing: 40001C01, 26921168A, 26921168, 26021278, 26021276, 004001C01

Servicing: Mahindra

Grooves 1, Pulley P, Fan EF

A: 90.60 B: 56.00 mm



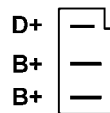
**113710** Alternator 14 V, 140 Amp

Replacing: LRS2853

Servicing: Ford

B+ M6, Pulley w/o, Fan IF

B: 14.00 C: 69.00 mm



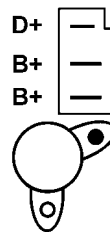
**113713** Alternator 14 V, 80 Amp

Replacing: 47020069, 47020063, 47020062, 47020058, 47020056, 47020054

Servicing: Lister

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF, Insulated return

A: 45.50 B: 11.20 C: 83.00 mm



**113714** Alternator 28 V, 55 Amp

Replacing: 47020060

Servicing: Sabre

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF, Insulated return

A: 45.50 B: 11.20 C: 83.00 mm

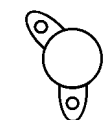


**113763** Alternator 14 V, 85 Amp

Replacing: 54022606, 54022524, 54022469, 54022466, 24480, 24479

Servicing: JCB, Land Rover, Various Industrial applications

B+ M6, Terminal W, Pulley w/o, Fan IF  
C: 82.00 mm



**113914** Alternator 14 V, 100 Amp

Replacing: 54022521

Servicing: Ford

B+ M6, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 33.30 B: 14.00 C: 82.70 mm



**113920** Alternator 28 V, 35 Amp

Replacing: 24271

Servicing: MAN, Mercedes-Benz, Padane

B+ M8, Terminal W, Pulley w/o,  
Fan w/o

B: 80.40 mm



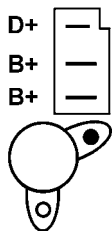
**114360** Alternator 14 V, 70 Amp

Replacing: 114360

Servicing: JCB, Massey Ferguson

B+ M6, Terminal W

B: 11.50 C: 83.00 mm


**110607** Alternator 14 V, 70 Amp

Replacing: 63324264

Servicing: Ford

 B+ M6, Grooves 4, Pulley SP, Fan w/o  
 As HC-CARGO 111754, but w/o vacuum pump.

A: 33.70 B: 11.30 C: 83.00 mm


**110611** Alternator 14 V, 44 Amp

 Replacing: 63304800, 63303500, 63303192,  
 63303191, 63303150, 63303140, 63303130,  
 63303120, 63303110, 63303100

Servicing: Allis Chalmers, Fiat, Seat

 B+ M6, Grooves 1, Pulley P, Fan EF  
 Regulator: HC-CARGO 130613.

A: 46.00 B: 17.00 C: 61.00 mm


**110612<sup>#</sup>** Alternator 14 V, 43 Amp

 Replacing: 943356806, 943321068,  
 943321004, 63321454, 63321006, 63321004,  
 63320006, 63320005, 63307131

Servicing: Bertone, Fiat, Lancia, Zastava

B+ M6, Grooves 1, Pulley P, Fan EF

A: 52.45 B: 23.15 C: 73.00 mm

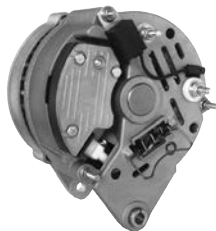
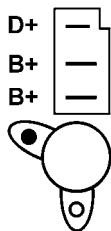

**110619** Alternator 14 V, 70 Amp

 Replacing: 63341770, 63341641, 63321770,  
 63321641

Servicing: Citroen, Peugeot

B+ M8, Grooves 1, Pulley P, Fan IF

A: 95.00 B: 56.10 mm


**110770** Alternator 14 V, 55 Amp

Replacing: 63324157

 Servicing: Austin, LDV, Massey Ferguson, MG,  
 Rover, Vauxhall

 B+ M6, Terminal W, Pulley w/o,  
 Fan w/o

B: 11.20 C: 82.00 mm


**110880<sup>#</sup>** Alternator 14 V, 45 Amp

Replacing: 63305720, 63305700

Servicing: Alfa Romeo

B+ M6, Grooves 1, Pulley P, Fan EF

A: 77.00 B: 56.00 mm


**110881** Alternator 14 V, 55 Amp

Replacing: 943356826

 Servicing: Deutz-Fahr, Fendt, Kramer,  
 Marshall, Volvo

 B+ M6, Terminal W, Grooves 2,  
 Pulley DP, Fan EF

A: 88.00 B: 56.00 mm


**110882** Alternator 14 V, 45 Amp

 Replacing: 943356305, 943321044,  
 943320021, 943305226, 63321037, 63321036,  
 63321035, 63320021, 63307256

 Servicing: Alfa Romeo, Fiat, Iveco,  
 Lamborghini, Same

B+ M6, Grooves 1, Pulley P, Fan w/o

A: 47.00 B: 16.25 C: 63.00 mm

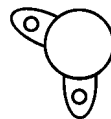

**110890** Alternator 14 V, 55 Amp

 Replacing: 943356353, 943320023, 63321180,  
 63321041, 63320100, 63320023, 63307841,  
 63307536, 63307526

 Servicing: Alfa Romeo, Fiat, Iveco,  
 Lamborghini, Same

B+ M6, Grooves 1, Pulley P, Fan w/o

A: 49.00 B: 17.00 C: 63.00 mm


**110891** Alternator 14 V, 70 Amp

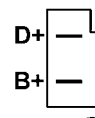
Replacing: 63324233

Servicing: Ford, Land Rover, MG

 B+ M6, Terminal W, Pulley w/o,  
 Fan w/o

As HC-CARGO 114788, but without pulley

B: 11.30 C: 83.00 mm

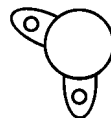

**110899** Alternator 14 V, 33 Amp

 Replacing: 63362006, 63362004, 63362003,  
 63300506

Servicing: Agrifull, DAF, Fiat, Volvo

 B+ Plug, Grooves 1, Pulley P, Fan EF  
 Regulator: HC-CARGO 130675.

A: 48.45 B: 24.00 C: 74.00 mm


**110911** Alternator 14 V, 55 Amp

Replacing: 63305722, 63305721

Servicing: Audi, Peugeot, Saab, VW

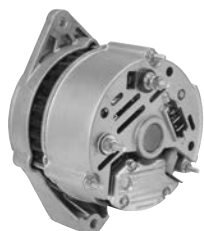
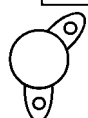
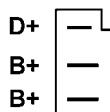
B+ M6, Grooves 1, Pulley P, Fan EF

A: 77.64 B: 56.00 mm


**110912** Alternator 14 V, 55 Amp

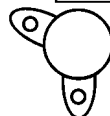
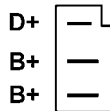
Replacing: 63321493, 63321197, 63321172, 63321080, 63321071, 63321061, 63321010, 63321008, 63320141, 63320128

Servicing: Alfa Romeo, Ferrari, Fiat, Fiat-Allis, Lancia, Seat

 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 44.50 B: 16.40 C: 66.00 mm

**110913** Alternator 14 V, 70 Amp

Replacing: 943356442

Servicing: Audi, VW

 B+ 9.40, Pulley w/o, Fan w/o  
 B: 56.00 mm

**110923** Alternator 14 V, 55 Amp

Replacing: 943356621

Servicing: Mercedes-Benz

 B+ Plug, Grooves 6, Pulley SP, Fan EF  
 A: 92.00 B: 56.00 mm

**111032#** Alternator 14 V, 50 Amp

Replacing: 63321160, 63321159, 63320091

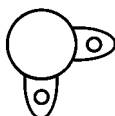
Servicing: Fiat

 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 55.85 B: 27.10 C: 69.60 mm

**111035** Alternator 14 V, 65 Amp

Replacing: 63505101, 63321154, 63321005, 63321003, 63320130, 63320056, 63320028, 63320004, 63307431, 63307401

Servicing: Audi, Autobianchi, Case, Fiat, Innocenti, Lancia, VW, Zastava

 B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF  
 A: 51.25 B: 22.00 C: 73.00 mm

**111036** Alternator 14 V, 45 Amp

Replacing: MAN342, 63321189, 63321113, 63321000, 63320001

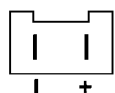
Servicing: Autobianchi, Fiat, Lancia

 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 56.80 B: 32.25 mm

**111078** Alternator 14 V, 45 Amp

Replacing: 63321001, 63320002, 63308731, 63308701, 63307128, 63307126, 63307108, 63307106, 63306731, 63306721

Servicing: Autobianchi, Fiat, Lancia, Seat, Zastava

 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 53.25 B: 23,50 mm

**111082** Alternator 14 V, 60 Amp

Replacing: 94335657, 943321083, 63396554, 63321114, 63321083, 63320039

Servicing: Renault

 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 100.95 B: 56.00 mm

**111085** Alternator 14 V, 55 Amp

Replacing: 943356823

Servicing: Volvo

 B+ M6, Grooves 2, Pulley DP, Fan EF  
 A: 91.95 B: 71.00 mm

**111138** Alternator 14 V, 45 Amp

Replacing: 63307120, 63307100, 63305130, 63305100, 63305000, 63303780

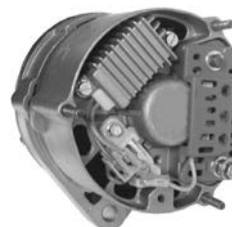
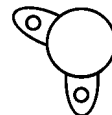
Servicing: Fiat, Lancia, Seat

 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 46.35 B: 17.00 C: 63.00 mm

**111148** Alternator 14 V, 65 Amp

Replacing: 943321023, 63321510, 63321070, 63321068, 63321023, 63321007, 63320055, 63320035, 63320016, 63307634

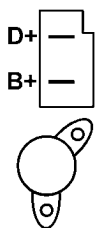
Servicing: Autobianchi, Fiat, Lancia, Zastava

 B+ M6, Grooves 1, Pulley P, Fan w/o  
 A: 52.25 B: 23.00 C: 73.00 mm

**111153** Alternator 14 V, 55 Amp

Replacing: 63305820, 63305800

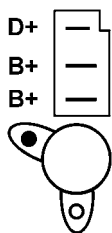
Servicing: Alfa Romeo

 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 52.00 B: 27.00 mm


**111180** Alternator 14 V, 33 Amp

Replacing: 943356274, 63300931, 63300921, 63300920, 63300901, 63300900, 63300802, 63300521, 30680274

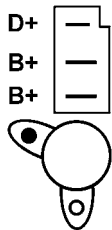
Servicing: Fiat, Fiat-Allis, Lamborghini, Same, Zastava

 B+ 9.40, Grooves 1, Pulley P, Fan EF  
 A: 49.00 B: 25.00 C: 74.00 mm

**111289** Alternator 14 V, 70 Amp

Replacing: 943358010, 943356639, 943356633, 63358020, 63358010

 Servicing: Austin, Case, Dronningborg, Ford, Land Rover, Massey Ferguson, MG, Morris, Rover  
 B+ 9.40, Terminal W, Grooves 1, Pulley P, Fan EF

A: 35.00 B: 12.50 C: 80.00 mm

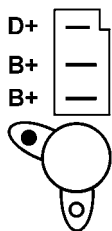

**111355** Alternator 14 V, 65 Amp

Replacing: 63324387, 63324294, 63324245, 54208288

Servicing: Austin, Dronningborg, Massey Ferguson, MG, New Holland, Nissan, Rover, Universal, Valtra

B+ M6-6.30, Terminal W, Grooves 1, Pulley P, Fan EF

A: 37.00 B: 11.50 C: 81.00 mm

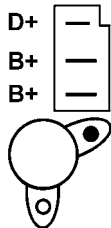

**111363** Alternator 14 V, 45 Amp

Replacing: 63325256, 63324327

Servicing: Ford, New Holland

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 36.70 B: 11.00 C: 83.00 mm

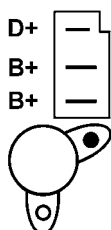

**111364** Alternator 14 V, 55 Amp

Replacing: 63324296, 63324145

Servicing: Ford, Rover

B+ M6-6.30, Terminal W, Grooves 1, Pulley P, Fan EF

A: 35.50 B: 12.50 C: 81.00 mm


**111368** Alternator 14 V, 70 Amp

Replacing: 63324231

Servicing: Ford

Terminal W, Grooves 1, Pulley P, Fan EF

A: 34.90 B: 12.00 C: 82.60 mm

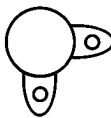

**111409** Alternator 14 V, 100 Amp

Replacing: 63321800, 63321349, 63321246, 63321241, 63320292, 63320256, 63320226

Servicing: Alfa Romeo, Fiat, Lancia

B+ M8, Grooves 7, Pulley SP, Fan IF

A: 41.00 B: 22.00 C: 54.35 mm


**111411** Alternator 14 V, 75 Amp

Replacing: 63341712, 63341233, 63341200, 63321848, 63321712, 63321600, 63321470, 63321270, 63321233, 63321200

Servicing: Citroen, Fiat, Ford, Lancia, Peugeot

B+ M8, Grooves 4, Pulley SP, Fan IF

A: 54.80 B: 32.00 mm


**111413** Alternator 14 V, 90 Amp

Replacing: 63321809, 63321614, 63321611, 63321311, 63321278

Servicing: Fiat, Lancia

B+ M8, Grooves 6, Pulley SP, Fan IF, Not Insulated return

A: 43.90 B: 17.00 C: 54.90 mm


**111416** Alternator 14 V, 65 Amp

Replacing: 63321820, 63321661, 63321660, 63321616, 63321615, 63321367, 63321362, 63321282, 63321275, 63321251

Servicing: Citroen, Fiat

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 49.85 B: 16.75 C: 82.00 mm

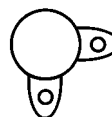

**111418** Alternator 14 V, 60 Amp

Replacing: 63321044, 63321042, 63320024

Servicing: Alfa Romeo, Fiat, Iveco

B+ M6, Grooves 1, Pulley P, Fan EF

A: 49.00 B: 17.00 C: 66.00 mm


**111505** Alternator 14 V, 75 Amp

Replacing: 63321604, 63321603, 63321364, 63321300, 63321281, 63321235, 63320258, 63221604

Servicing: Fiat, Lancia

B+ M8, Grooves 4, Pulley SP, Fan IF

A: 12.25 B: 32.35 C: 83.55 mm

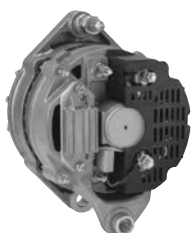

**111568** Alternator 14 V, 85 Amp

Replacing: 63321792, 63321489, 63321485, 63321453, 63321406, 63321332, 63321331, 63321237, 63321227

Servicing: Citroen, Fiat

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 40.50 B: 22.50 C: 82.00 mm

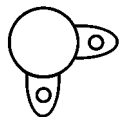

**111620** Alternator 14 V, 65 Amp

Replacing: 943321086, 943321084, 943321017, 63321153, 63321152, 63321096, 63321086, 63321084, 63321072

Servicing: Alfa Romeo, Ferrari, Fiat, Lancia, Various Agriculture Vehicles

B+ M6, Grooves 5, Pulley SP, Fan EF

A: 47.75 B: 16.30 C: 63.00 mm


**111621** Alternator 14 V, 55 Amp

Replacing: 63321067, 63320034

Servicing: Autobianchi, Fiat, Lancia

B+ M6, Grooves 1, Pulley P, Fan EF

A: 57.50 B: 32.30 mm


**W D+ B+**

**111623** Alternator 14 V, 70 Amp

Replacing: 63324293, 54022720

Servicing: Ford

B+ M6, Terminal W, Grooves 4, Pulley SP, Fan EF

A: 33.00 B: 11.80 C: 83.40 mm


**111633<sup>#</sup>** Alternator 14 V, 80 Amp

Replacing: 63341705, 63321705, 63321693, 63321348

Servicing: Nissan

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 39.50 B: 25.00 C: 80.70 mm


**111654** Alternator 14 V, 65 Amp

Replacing: 943321172, 63321199, 63321123, 63321077, 63321029, 63321017, 63320126, 63320020, 63320017, 63320013

Servicing: Fiat, Lancia

B+ M6, Pulley w/o, Fan EF

B: 16.00 C: 64.00 mm


**111686** Alternator 14 V, 65 Amp

Replacing: 943321019, 943320049, 63321146, 63321099, 63321031, 63321022, 63321021, 63321020, 63321019

Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Lancia, Laverda

B+ M6, Grooves 1, Pulley P, Fan EF

A: 49.50 B: 17.00 C: 64.50 mm


**111687** Alternator 14 V, 55 Amp

Replacing: 63321165, 63320094

Servicing: Fiat

B+ M6, Grooves 1, Pulley P, Fan EF

A: 53.00 B: 26.50 mm


**111688<sup>#</sup>** Alternator 14 V, 85 Amp

Replacing: 63321329, 63321328, 63320277

Servicing: Fiat, Lancia

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 59.00 B: 25.00 C: 71.00 mm


**111689** Alternator 14 V, 65 Amp

Replacing: 63321625, 63321609, 63321607, 63321606, 63321396, 63321295, 63321283, 63321252

Servicing: Fiat, Lancia

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 58.00 B: 25.00 C: 71.00 mm

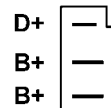

**111723** Alternator 14 V, 70 Amp

Replacing: 63321771, 63321671

Servicing: Citroen, Fiat, Peugeot

B+ M8, Grooves 5, Pulley SP, Fan IF

B: 56.00 mm

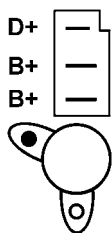

**111738** Alternator 14 V, 65 Amp

Replacing: 63324290

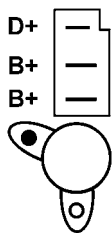
Servicing: Rover

B+ M6, Terminal W, Pulley w/o, Fan w/o

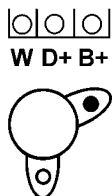
B: 11.00 C: 82.00 mm



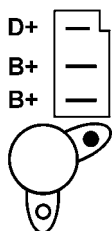
**111739** Alternator 14 V, 55 Amp  
 Replacing: 63324273  
 Servicing: Ford, New Holland  
 B+ M6, Terminal W, Pulley w/o, Fan EF  
 With battery sensor terminal.  
 B: 11.40 C: 82.30 mm



**111740** Alternator 14 V, 70 Amp  
 Replacing: 63324274  
 Servicing: Ford  
 B+ M6, Terminal W, Grooves 1,  
 Pulley P, Fan EF  
 With battery sensor terminal.  
 A: 35.50 B: 11.30 C: 82.70 mm



**111742** Alternator 14 V, 70 Amp  
 Replacing: 63324293, 54022720  
 Servicing: Ford  
 B+ M6, Terminal W, Grooves 4,  
 Pulley SP, Fan EF  
 A: 34.00 B: 12.00 C: 83.00 mm



**111754** Alternator 14 V, 70 Amp  
 Replacing: 63324264  
 Servicing: Ford  
 B+ 9.40, Grooves 4, Pulley SP, Fan w/o  
 Without vacuum pump: HC-CARGO 110607.  
 A: 33.65 B: 12.25 C: 82.70 mm



**111756** Alternator 14 V, 65 Amp  
 Replacing: 63341238, 63321342, 63321238,  
 63320218  
 Servicing: MG, Rover  
 B+ M6, Grooves 5, Pulley SP, Fan IF  
 A: 90.00 B: 57.90 mm



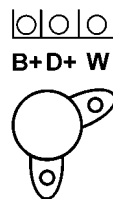
**111795** Alternator 14 V, 80 Amp  
 Replacing: 63377410, 63377402, 63341797,  
 63341697, 63341679, 63321697, 63321679,  
 63321279  
 Servicing: Ford  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 12.50 B: 72.00 C: 53.00 mm



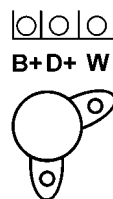
**111802** Alternator 14 V, 75 Amp  
 Replacing: 63321617, 63321361, 63321276,  
 63321205  
 Servicing: Fiat  
 B+ M8, Grooves 5, Pulley SP, Fan IF  
 A: 40.50 B: 17.00 C: 81.80 mm



**111803** Alternator 14 V, 60 Amp  
 Replacing: 63321170  
 Servicing: Renault  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 50.50 B: 26.00 mm



**112021** Alternator 14 V, 100 Amp  
 Replacing: 63341358, 63341321, 63340004,  
 63321358, 63321321  
 Servicing: Land Rover  
 B+ M6, Terminal W, Grooves 7,  
 Pulley SP, Fan IF  
 A: 31.00 B: 13.50 C: 83.50 mm



**112025** Alternator 14 V, 100 Amp  
 Replacing: 63341353, 63341243, 63341240,  
 63321243, 63321240, 63320315, 63320289  
 Servicing: Lancia, Land Rover  
 B+ M6, Terminal W, Grooves 7,  
 Pulley SP, Fan IF  
 A: 31.00 B: 14.00 C: 70.50 mm



**112078** Alternator 14 V, 120 Amp  
 Replacing: 63304078  
 Servicing: Citroen, Volvo  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 44.50 C: 82.00 mm



**112079** Alternator 14 V, 90 Amp  
 Replacing: 63304079  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 B+ M8, Pulley w/o, Fan IF  
 B: 14.00 C: 61.00 mm


**112087** Alternator 14 V, 55 Amp

Replacing: 63304807

Servicing: Nissan

B+ M6, Grooves 1, Pulley P, Fan EF

A: 44.50 B: 13.50 C: 80.50 mm


**112095<sup>#</sup>** Alternator 14 V, 100 Amp

Replacing: 63321426

Servicing: Fiat

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 41.00 B: 17.30 C: 54.60 mm


**112097** Alternator 28 V, 30 Amp

Replacing: 943320025, 63321163, 63321161, 63321115, 63321104, 63321063, 63321055, 63321052, 63321050, 63321049

Servicing: Allis Chalmers, Astra, Fahr, Iveco, Laverda

B+ M6, Grooves 1, Pulley P, Fan w/o

A: 45.00 B: 17.00 C: 63.00 mm


**B+D+ W**

**112121** Alternator 14 V, 70 Amp

Replacing: 63341730, 63341724, 63341691, 63341669, 63341244, 63321730B, 63321730A, 63321730, 63321724

Servicing: Ford, Mazda

B+ M6, Terminal W, Grooves 5, Pulley SP, Fan IF

A: 33.00 B: 14.40 C: 55.50 mm


**FRSIGA  
LI RC A**

**112142** Alternator 14 V, 90 Amp

Replacing: 63377413, 63377412, 63377404, 63341746, 63341677, 63321898, 63321823, 63321746, 63321677

Servicing: Ford

B+ M6, Pulley w/o, Fan IF

B: 14.00 C: 63.20 mm


**FRSIGA  
LI RC A**

**112143** Alternator 14 V, 80 Amp

Replacing: 63377409, 63341678, 63321678

Servicing: Ford, Lister

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 34.00 B: 13.80 C: 62.40 mm


**112202** Alternator 14 V, 85 Amp

Replacing: 63341239, 63321239

Servicing: MG, Rover

B+ M6, Terminal W, Grooves 5, Pulley SP, Fan IF

A: 90.00 B: 57.50 mm


**112203** Alternator 14 V, 65 Amp

Replacing: 63341727, 63341636, 63321727, 63321636

Servicing: Austin, Rover

B+ M6, Grooves 5, Pulley SP, Fan IF

A: 35.50 B: 14.10 C: 75.25 mm

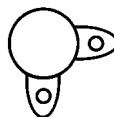

**112238** Alternator 14 V, 65 Amp

Replacing: 63324242

Servicing: Austin, DAF, Land Rover, LDV, Rover

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 36.00 B: 11.50 C: 81.70 mm


**B+D+ W**

**112324** Alternator 14 V, 85 Amp

Replacing: 63341434, 633214434, 63321434, 63320347, 63320317

Servicing: Rover

B+ M6, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 39.50 B: 14.20 C: 69.80 mm


**B+D+ W**

**112325** Alternator 14 V, 70 Amp

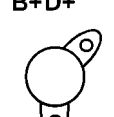
Replacing: 943322602, 63341695, 63341666, 63321695, 63321666, 63321425, 63321257, 63320531, 63320243

Servicing: Ford

B+ M6, Terminal W, Grooves 5, Pulley SP, Fan IF

*D+ kan være med M4*

A: 33.00 B: 14.20 C: 82.30 mm


**PHIN  
B+D+**

**112384** Alternator 14 V, 75 Amp

Replacing: 63341702, 63341658, 63321702, 63321658

Servicing: Smart (MCC)

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 90.00 B: 57.90 mm

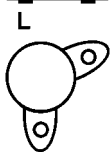
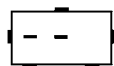




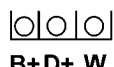
**112540<sup>#</sup>** Alternator 14 V, 100 Amp  
 Replacing: 63321395, 63321231  
 Servicing: Alfa Romeo, Fiat, Lancia  
 B+ M8, Grooves 5, Pulley SP, Fan IF  
 A: 55.30 B: 17.00 C: 63.00 mm



**112648** Alternator 14 V, 70 Amp  
 Replacing: 63321741  
 Servicing: Citroen, Peugeot  
 B+ M8, Grooves 5, Pulley SP, Fan IF  
 A: 75.00 B: 56.00 mm



**112654** Alternator 14 V, 90 Amp  
 Replacing: 63341711, 63321711B, 63321711  
 Servicing: Ford  
 B+ M6, Pulley w/o, Fan IF  
 B: 17.25 C: 62.60 mm



**112698** Alternator 14 V, 100 Amp  
 Replacing: 63341344, 63341343, 63321473, 63321465, 63321422, 63321344, 63321343, 63321324  
 Servicing: Ford  
 B+ M6, Terminal W, Grooves 6, Pulley SP, Fan IF  
 A: 33.00 B: 14.10 C: 83.30 mm



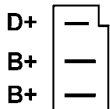
B+ D+ W



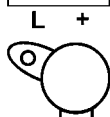
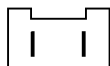
**112718** Alternator 14 V, 100 Amp  
 Replacing: 63321346, 63321285  
 Servicing: Ford, New Holland  
 B+ M6, Terminal W, Grooves 6, Pulley SP, Fan IF  
 A: 32.00 B: 14.00 C: 83.80 mm



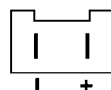
**112719** Alternator 14 V, 55 Amp  
 Replacing: 63395575, 63321409, 63321191, 63321120, 63321112, 63321103, 63321028, 63321011, 63320125, 63320053  
 Servicing: Fiat, Lancia  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 44.50 B: 16.20 C: 63.30 mm



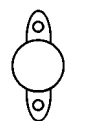
**112722** Alternator 14 V, 70 Amp  
 Replacing: 63324407  
 Servicing: Massey Ferguson  
 B+ M6, Terminal W, Pulley w/o, Fan EF  
 B: 10.50 C: 83.50 mm



**112728** Alternator 14 V, 55 Amp  
 Replacing: 63321178, 63321081, 63321057  
 Servicing: Renault  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 102.00 B: 56.00 mm



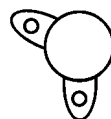
L +



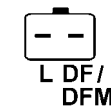
**112744** Alternator 14 V, 60 Amp  
 Replacing: 943356667  
 Servicing: Renault, Volvo  
 B+ M6, Grooves 5, Pulley SP, Fan EF  
 A: 45.00 B: 27.00 C: 66.00 mm



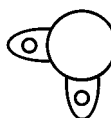
**112768** Alternator 14 V, 55 Amp  
 Replacing: 943356316, 943321095, 63321095, 63320037, 63305120, 30680316  
 Servicing: Alfa Romeo, Goldoni  
 B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF  
 A: 45.00 B: 17.00 C: 70.00 mm



**112782** Alternator 14 V, 80 Amp  
 Replacing: 63341723, 63321772, 63321723  
 Servicing: Citroen, Peugeot  
 B+ M8, Grooves 5, Pulley SP, Fan IF  
 A: 75.00 B: 56.00 mm



L DF/DFM



**113246** Alternator 14 V, 90 Amp  
 Replacing: 63377300  
 Servicing: Citroen, Peugeot  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 42.50 B: 22.00 C: 45.40 mm


**113336** Alternator 14 V, 120 Amp

Replacing: 63321859, 63321805, 63321804, 63321507, 63321501, 63321497, 63321414

Servicing: Alfa Romeo, Fiat, Lancia

B+ M8, Grooves 6, Pulley SP/FW, Fan IF

A: 44.00 B: 22.60 C: 54.80 mm


**113338** Alternator 14 V, 65 Amp

Replacing: 63321833

Servicing: Fiat

B+ M8, Grooves 6, Pulley SP/FW, Fan IF

A: 44.00 B: 17.10 C: 54.40 mm

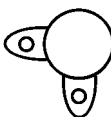
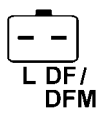

**113404** Alternator 14 V, 90 Amp

Replacing: 63321740

Servicing: Citroen, Peugeot

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 75.00 B: 56.30 mm

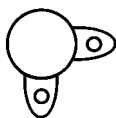

**113405** Alternator 14 V, 70 Amp

Replacing: 63341733, 63321828, 63321733

Servicing: Citroen, Peugeot

B+ M8, Terminal DF, Grooves 6, Pulley SP, Fan IF

A: 42.50 B: 22.00 C: 45.50 mm


**113471** Alternator 14 V, 65 Amp

Replacing: 63321488, 63321173, 63321136, 63321082, 63320140, 63320040

Servicing: Fiat, Lancia

B+ M6, Terminal W, Grooves 4, Pulley SP, Fan EF

A: 54.40 B: 32.00 mm

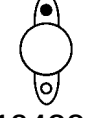
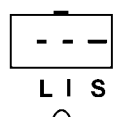

**113472** Alternator 14 V, 65 Amp

Replacing: 943321149, 63321157, 63321156, 63321151, 63321149, 63321091, 63320132, 63320083, 63320082, 63320048

Servicing: Fiat, Innocenti, Lancia

B+ M6, Terminal W, Grooves 4, Pulley SP, Fan EF

A: 49.00 B: 24.90 C: 77.45 mm


**113498** Alternator 14 V, 80 Amp

Replacing: 63532637

Servicing: Chevrolet, Daewoo, Lancia

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 50.65 B: 33.65 C: 58.60 mm

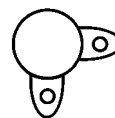

**113529** Alternator 14 V, 120 Amp

Replacing: 63321753

Servicing: Ford, New Holland

B+ M6, Terminal W, Grooves 8, Pulley SP, Fan IF

A: 32.00 B: 14.10 C: 83.30 mm


**113533** Alternator 14 V, 65 Amp

Replacing: 63321190, 63320111

Servicing: Fiat, Lancia, Lombardini

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 52.00 B: 31.80 mm

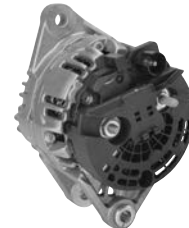

**113535** Alternator 14 V, 85 Amp

Replacing: 63377013, 63321775, 63321765

Servicing: BMW, Fiat, Lancia

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 16.30 B: 24.20 C: 51.00 mm


**113536** Alternator 14 V, 90 Amp

Replacing: 63321836, 63321819, 63321810, 63321729, 63321612, 63321330, 63321287

Servicing: Alfa Romeo

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 44.50 B: 16.90 C: 54.30 mm


**113537** Alternator 14 V, 65 Amp

Replacing: 63321870, 63321747, 63321663, 63321602, 63321280, 63321234

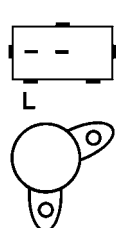
Servicing: Fiat, Lancia, Peugeot

B+ M8, Grooves 4, Pulley SP, Fan IF

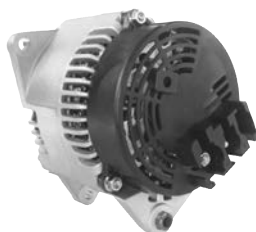
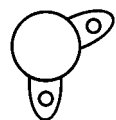
A: 62.25 B: 32.00 mm



**113575** Alternator 14 V, 80 Amp  
 Replacing: 63321734  
 Servicing: Citroen, Fiat, Peugeot  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 42.00 B: 22.00 C: 45.00 mm



**113599** Alternator 14 V, 80 Amp  
 Replacing: 63341758, 63321758  
 Servicing: Ford  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 33.20 B: 16.70 C: 53.90 mm



**113621** Alternator 14 V, 115 Amp  
 Replacing: 63321817, 63321743  
 Servicing: Ford, New Holland  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 33.55 B: 14.10 C: 83.35 mm



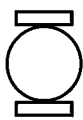
**113623** Alternator 14 V, 70 Amp  
 Replacing: 63324385, 63324384, 63324295  
 Servicing: Ford, Honda  
 B+ M6, Terminal W, Pulley w/o, Fan w/o  
 B: 12.00 C: 82.60 mm



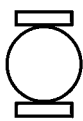
**113667**<sup>#</sup> Alternator 14 V, 90 Amp  
 Replacing: 63321613, 63321312, 63320510  
 Servicing: Fiat  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 44.00 B: 17.00 C: 55.25 mm



**113684** Alternator 14 V, 90 Amp  
 Replacing: 63321863, 63321790, 63321788, 63321627, 63321626  
 Servicing: Fiat, Lancia  
 B+ M8, Grooves 4, Pulley SP, Fan IF  
 A: 68.00 B: 32.10 mm



**113718** Alternator 14 V, 70 Amp  
 Replacing: 63377008, 63377006, 63377002, 63321718  
 Servicing: Citroen, Fiat, Lancia  
 B+ M8, Grooves 5, Pulley SP, Fan IF  
 A: 16.50 B: 23.50 C: 50.00 mm



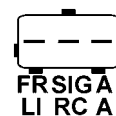
**113720** Alternator 14 V, 75 Amp  
 Replacing: 63377493  
 Servicing: Fiat, Lancia, Opel, Suzuki, Vauxhall  
 B+ M8, Grooves 6, Pulley SP/FW, Fan IF  
 A: 41.50 B: 64.00 C: 55.00 mm



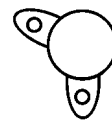
**113763** Alternator 14 V, 85 Amp  
 Replacing: 63377462, 63377461, 63377460, 63321466, 63320349  
 Servicing: JCB, Land Rover, Various Industrial applications  
 B+ M6, Terminal W, Pulley w/o, Fan IF  
 C: 82.00 mm



**113838**<sup>#</sup> Alternator 14 V, 55 Amp  
 Replacing: 63321039, 63320022  
 Servicing: Alfa Romeo, Iveco  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 Pulley width: 9.50 mm.  
 A: 49.00 B: 17.20 C: 69.80 mm



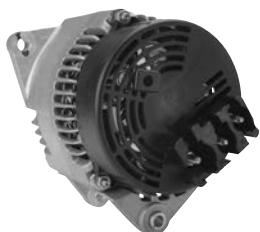
**113849** Alternator 14 V, 150 Amp  
 Replacing: 63377416  
 Servicing: Ford, Mazda, Volvo  
 B+ M8, Grooves 6, Pulley SP/FW, Fan IF  
 A: 42.50 B: 21.00 C: 45.00 mm



**113864**<sup>#</sup> Alternator 14 V, 90 Amp  
 Replacing: MAR941, 943356504  
 Servicing: BMW  
 B+ M8, Pulley w/o, Fan w/o  
 B: 16.00 C: 79.85 mm



**113904** Alternator 14 V, 130 Amp  
 Replacing: 63377491  
 Servicing: Opel, Saab, Vauxhall  
 B+ M8, Terminal DF, Grooves 6,  
 Pulley SP/FW, Fan IF  
 A: 113.00 B: 61.00 mm



**113914** Alternator 14 V, 100 Amp  
 Replacing: 63341345, 63321421, 63321345  
 Servicing: Ford  
 B+ M6, Terminal W, Grooves 6,  
 Pulley SP, Fan IF  
 A: 33.30 B: 14.00 C: 82.70 mm



**113939** Alternator 14 V, 100 Amp  
 Replacing: 63321803, 63321506, 63321436,  
 63321419, 63321355, 63320333  
 Servicing: Fiat, Lancia  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 43.40 B: 22.50 C: 54.00 mm



**113942** Alternator 14 V, 100 Amp  
 Replacing: 63321801, 63321418, 63321310,  
 63321232  
 Servicing: Alfa Romeo, Fiat, Lancia  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 43.60 B: 22.60 C: 54.27 mm



B+ D+



**113943** Alternator 14 V, 100 Amp  
 Replacing: 63321826, 63321806, 63321805,  
 63321804, 63321501, 63321497  
 Servicing: Alfa Romeo, Fiat, Lancia  
 B+ M8, Grooves 6, Pulley w/o, Fan IF  
 As HC-CARGO 114800, but without pulley  
 A: 44.50 B: 22.00 C: 54.50 mm



B+ D+



**113955** Alternator 14 V, 105 Amp  
 Replacing: 63377492  
 Servicing: Fiat, Opel, Vauxhall  
 B+ M8, Pulley w/o, Fan IF  
 B: 61.00 mm



**113967** Alternator 14 V, 120 Amp  
 Replacing: 63377464  
 Servicing: Caterpillar, Perkins  
 B+ M6, Terminal W, Pulley w/o  
 B: 13.00 C: 83.00 mm



**113987** Alternator 14 V, 140 Amp  
 Replacing: 63321862  
 Servicing: Alfa Romeo, Fiat, Lancia  
 B+ M8, Pulley w/o, Fan IF  
 B: 22.00 C: 54.40 mm



**113996** Alternator 14 V, 140 Amp  
 Replacing: 63377005, 63321940  
 Servicing: Alfa Romeo, Fiat, Lancia, Suzuki  
 B+ M8, Pulley w/o, Fan IF  
 One wire hookup / self-exiting  
 B: 61.30 mm



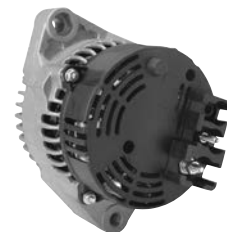
FR SIGA  
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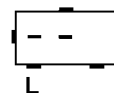
**114009** Alternator 14 V, 105 Amp  
 Replacing: 63377407  
 Servicing: Ford  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 10.00 B: 72.00 mm



B+ D+



**114025** Alternator 14 V, 75 Amp  
 Replacing: 63341896, 63321897, 63321896,  
 63321702, 63321658  
 Servicing: Smart (MCC), Toyota  
 B+ M6, Grooves 4, Pulley SP, Fan IF  
 A: 90.50 B: 57.80 mm



L



**114066** Alternator 14 V, 90 Amp  
 Replacing: 63341778, 63321778  
 Servicing: Ford  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 33.00 B: 14.00 C: 54.00 mm


**NEW PRODUCT**
[www.hc-cargo.com](http://www.hc-cargo.com)
**114083\*** Alternator 14 V, 150 Amp

Replacing: 63377420

Servicing: Volvo

Pulley w/o, Fan IF


**114204** Alternator 14 V, 120 Amp

Replacing: 63377490, 63377004

Servicing: Alfa Romeo, Fiat, Opel, Vauxhall

B+ M8, Grooves 6, Pulley w/o, Fan IF, Not Insulated return

A: 112.50 B: 60.60 mm


**114248** Alternator 14 V, 150 Amp

Replacing: 63377418

Servicing: Ford

B+ M8, Pulley w/o, Fan IF

B: 14.00 C: 52.00 mm


**NEW PRODUCT**
[www.hc-cargo.com](http://www.hc-cargo.com)
**114302** Alternator 28 V, 80 Amp

Replacing: 63377466

Servicing: Caterpillar, Various Industrial applications

Fan IF

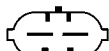

**114384** Alternator 14 V, 85 Amp

Replacing: 63321744

Servicing: Case, New Holland

B+ M6, Terminal W, Pulley w/o, Fan IF

B: 17.00 C: 63.40 mm


**DFM L**

**114409** Alternator 14 V, 100 Amp

Replacing: 63377424

Servicing: Opel, Vauxhall

B+ M8, Grooves 6, Pulley SP/FW, Fan IF

A: 41.00 B: 64.00 C: 55.00 mm


**114451** Alternator 14 V, 105 Amp

Replacing: 63310504

Servicing: Fiat, Ford, Lancia, Opel, Vauxhall

B+ M8, Grooves 6, Pulley SP/FW, Fan IF

A: 41.00 B: 63.50 C: 55.00 mm


**114462** Alternator 14 V, 70 Amp

Replacing: 63377011

Servicing: Alfa Romeo, Fiat, Lancia

B+ M8, Grooves 4, Pulley SP, Fan IF

A: 68.10 B: 32.50 mm


**114493** Alternator 14 V, 100 Amp

Replacing: 63377017

Servicing: Alfa Romeo, Fiat, Lancia

B+ M8, Fan IF

B: 61.20 mm


**114669** Alternator 14 V, 65 Amp

Replacing: 63321503, 63321502, 63321458, 63321424, 63320137, 63320124

Servicing: New Holland

B+ M6, Terminal W, Pulley w/o

B: 17.00 C: 65.00 mm


**DFM L**
**NEW PRODUCT**
[www.hc-cargo.com](http://www.hc-cargo.com)
**114754** Alternator 14 V, 120 Amp

Replacing: 63377425

B+ M8, Pulley w/o, Fan IF

B: 64.0 C: 55.0 mm


**B+ D+**

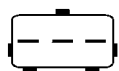
**114801** Alternator 14 V, 105 Amp

Replacing: 63377492

Servicing: Fiat, Opel, Vauxhall

B+ M8, Grooves 6, Pulley SP/FW, Fan IF As HC-CARGO 113955, but with pulley

A: 112.50 B: 61.00 mm



**FRSIGA  
LI RC A**

**NEW PRODUCT**

[www.hc-cargo.com](http://www.hc-cargo.com)

**114804\*** Alternator 14 V, 105 Amp

Replacing: 63377421

B+ M8, Fan IF

B: 14.50 C: 52.00 mm

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**DFM L**

**NEW PRODUCT**

[www.hc-cargo.com](http://www.hc-cargo.com)

**114895\*** Alternator 14 V, 70 Amp

Replacing: 63377423

Grooves 6, Pulley SP/FW, Fan IF

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**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**114899** Alternator 14 V, 70 Amp

Replacing: 63377001, 63321869, 63321761

Servicing: Fiat, Lancia

Grooves 4, Pulley SP, Fan IF

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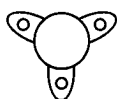

**110163** Alternator 28 V, 45 Amp

Replacing: 443113516866

Servicing: Renault V.I.

 B+ M6, Terminal W, Grooves 2,  
Pulley DP, Fan EF

A: 48.75 B: 27.25 C: 67.50 mm


**110542** Alternator 14 V, 55 Amp

 Replacing: 9516061, 9516060, 9516051,  
9516050, 443113516184, 443113516181,  
443113516180, 443113516121

Servicing: Skoda

B+ M6, Grooves 1, Pulley P, Fan EF

A: 79.00 B: 50.00 mm

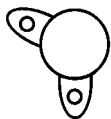

**110621** Alternator 14 V, 55 Amp

 Replacing: 9516653, 9516650, 443113516653,  
443113516650, 334113516653

 Servicing: Chang Feng (Liebao), Zetor, ZTS  
Tees

B+ M6, Pulley w/o, Fan w/o

B: 27.00 C: 65.85 mm


**110622** Alternator 14 V, 70 Amp

 Replacing: 9516661, 9516660, 443115901010,  
443113516752, 443113516751, 443113516750,  
443113516662

Servicing: Skoda

B+ M6, Pulley w/o, Fan w/o

B: 27.25 C: 66.00 mm


**110641** Alternator 14 V, 33 Amp

Replacing: 9515311, 9515310

 Servicing: Bosch, BPM, Case, Claas,  
Deutz-Fahr, Fahr, Fendt, Goldoni, Kramer,  
Lamborghini, Liebherr, Linde

 B+ M6, Terminal W, Grooves 1,  
Pulley P, Fan EF

A: 76.30 B: 56.00 mm


**110881** Alternator 14 V, 55 Amp

Replacing: 8515220

 Servicing: Deutz-Fahr, Fendt, Kramer,  
Marshall, Volvo

 B+ M6, Terminal W, Grooves 2,  
Pulley DP, Fan EF

A: 88.00 B: 56.00 mm


**111009** Alternator 28 V, 35 Amp

 Replacing: 9515836, 443113516846,  
443113516842, 443113516836

Servicing: Porsche, Tatra

 B+ M6, Terminal W, Grooves 1,  
Pulley P, Fan EF

A: 51.70 B: 27.25 C: 66.00 mm

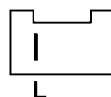

**111035** Alternator 14 V, 65 Amp

Replacing: 9516714

 Servicing: Audi, Autobianchi, Case, Fiat,  
Innocenti, Lancia, VW, Zastava

 B+ M6, Terminal W, Grooves 1,  
Pulley P, Fan EF

A: 51.25 B: 22.00 C: 73.00 mm

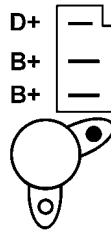

**111076** Alternator 14 V, 50 Amp

 Replacing: 9515404, 443113516404,  
443113515415, 443113515414

Servicing: Citroen, Opel, Peugeot, Talbot

B+ M6, Grooves 4, Pulley SP, Fan EF

A: 46.35 B: 26.80 C: 66.00 mm


**111086** Alternator 14 V, 65 Amp

Replacing: 9516721, 9516720, 9515491

Servicing: Austin, Ford, Mercury, MG, Rover

B+ Plug, Grooves 1, Pulley P, Fan IF

A: 34.60 B: 10.80 C: 81.00 mm


**111168** Alternator 14 V, 55 Amp

 Replacing: 9516761, 9516760, 9516716,  
443113516761

Servicing: Ferrari, Opel, Vauxhall

 B+ M6, Terminal W, Grooves 1,  
Pulley P, Fan EF

A: 84.00 B: 56.00 mm

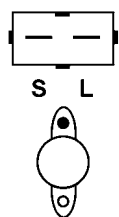

**111170** Alternator 14 V, 65 Amp

Replacing: 9515051, 9515050

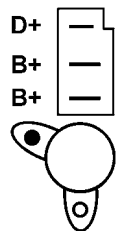
Servicing: Opel, Vauxhall

B+ M6, Grooves 1, Pulley P, Fan EF

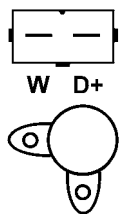
A: 34.85 B: 10.80 C: 81.00 mm



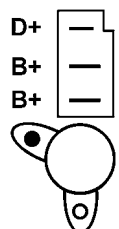
**111216** Alternator 14 V, 37 Amp  
 Replacing: 9515090, 9514096, 9514090  
 Servicing: Thermo King  
 B+ M6, Terminal W, Pulley w/o, Fan EF  
 B: 51.00 mm



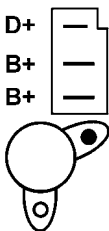
**111289** Alternator 14 V, 70 Amp  
 Replacing: 9516742, 9516740, 9516709, 9515734  
 Servicing: Austin, Case, Dronningborg, Ford, Land Rover, Massey Ferguson, MG, Morris, Rover  
 B+ 9.40, Terminal W, Grooves 1, Pulley P, Fan EF  
 A: 35.00 B: 12.50 C: 80.00 mm



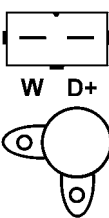
**111353** Alternator 14 V, 70 Amp  
 Replacing: 9517162  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 39.00 B: 14.00 C: 59.00 mm



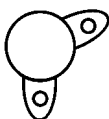
**111362** Alternator 14 V, 55 Amp  
 Replacing: 443113516701, 443113516700  
 Servicing: Austin, Ford, Land Rover, MG, Rover, Valtra  
 B+ Plug, Terminal W, Grooves 1, Pulley P, Fan EF  
 A: 34.50 B: 11.00 C: 81.00 mm



**111368** Alternator 14 V, 70 Amp  
 Replacing: 443113516741  
 Servicing: Ford  
 Terminal W, Grooves 1, Pulley P, Fan EF  
 A: 34.90 B: 12.00 C: 82.60 mm



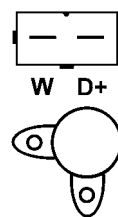
**111477** Alternator 14 V, 90 Amp  
 Replacing: 9517185, 9517182  
 Servicing: Ford, Seat, Skoda, VW  
 B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF  
 A: 39.50 B: 13.50 C: 59.00 mm



**111662** Alternator 14 V, 33 Amp  
 Replacing: 9513053  
 Servicing: Agrifull, Arona, Case, Ferrari, Goldoni, Lombardini  
 B+ M6, Terminal W, Pulley w/o, Fan EF  
 B: 56.00 mm



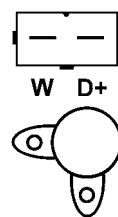
**111686** Alternator 14 V, 65 Amp  
 Replacing: 9515080  
 Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Lancia, Laverda  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 49.50 B: 17.00 C: 64.50 mm



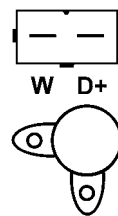
**111820** Alternator 14 V, 90 Amp  
 Replacing: 9517183, 9517181  
 Servicing: Audi, Skoda, VW  
 B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF  
 A: 39.5 B: 14.00 C: 59.00 mm



**111843** Alternator 14 V, 95 Amp  
 Replacing: 9515180, 9513160  
 Servicing: Case  
 B+ M8, Terminal W, Pulley w/o, Fan w/o  
 B- M8.  
 B: 51.00 mm



**111858#** Alternator 14 V, 90 Amp  
 Replacing: 9517484, 9517184  
 Servicing: Seat, VW  
 B+ M8, Terminal W, Grooves 5, Pulley SP, Fan IF  
 A: 42.90 B: 14.00 C: 59.00 mm

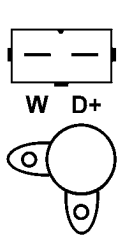


**111884** Alternator 14 V, 90 Amp  
 Replacing: 9517482  
 Servicing: Seat, VW  
 B+ M8, Terminal W, Grooves 6, Pulley SP/FW, Fan IF  
 A: 39.50 B: 14.00 C: 61.50 mm

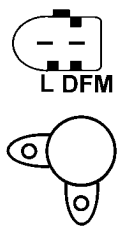




**111888** Alternator 14 V, 65 Amp  
 Replacing: 9515170  
 Servicing: Case  
 B+ M8, Terminal W, Grooves 8,  
 Pulley SP, Fan EF  
 A: 81.00 B: 50.60 mm



**111899** Alternator 14 V, 90 Amp  
 Replacing: 9517189  
 Servicing: VW  
 B+ M8, Terminal W, Grooves 6,  
 Pulley SP, Fan IF  
 A: 39.30 B: 14.00 C: 61.00 mm



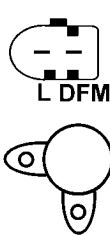
**111989** Alternator 14 V, 90 Amp  
 Replacing: 9517213  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 39.60 B: 14.00 C: 61.00 mm



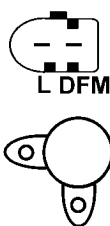
**112035** Alternator 14 V, 70 Amp  
 Replacing: 9516673, 443113516673,  
 443113516670  
 Servicing: Zetor  
 B+ M6, Terminal W, Pulley w/o, Fan EF  
 B: 27.10 C: 66.00 mm



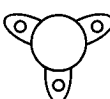
**112043** Alternator 14 V, 90 Amp  
 Replacing: 9517219  
 Servicing: VW  
 B+ M8, Terminal DF, Grooves 6,  
 Pulley SP, Fan IF  
 A: 40.00 B: 14.00 C: 61.00 mm



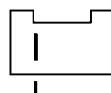
**112075** Alternator 14 V, 70 Amp  
 Replacing: 9517103, 443113517103  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 40,00 B: 14.00 C: 60,75 mm



**112079** Alternator 14 V, 90 Amp  
 Replacing: 9517483, 9517413  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 B+ M8, Pulley w/o, Fan IF  
 B: 14.00 C: 61.00 mm



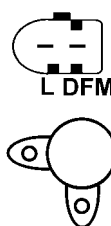
**112098** Alternator 14 V, 65 Amp  
 Replacing: 9516693, 9515010, 9513031,  
 443113516693, 443113516690  
 Servicing: Case, Claas, Eicher, Iveco,  
 Lamborghini, Mercedes-Benz, NSU, Steyr,  
 Zetor  
 B+ M6, Terminal W, Grooves 1,  
 Pulley P, Fan EF  
 A: 77.00 B: 56.00 mm



**112162** Alternator 14 V, 70 Amp  
 Replacing: 9515415, 9515414, 443113516414,  
 334113516414  
 Servicing: Citroen, Peugeot  
 B+ M6, Grooves 4, Pulley SP, Fan EF  
 A: 46.50 B: 27.00 C: 65.90 mm



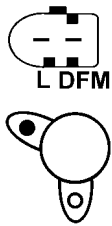
**112238** Alternator 14 V, 65 Amp  
 Replacing: 9515040  
 Servicing: Austin, DAF, Land Rover, LDV,  
 Rover  
 B+ M6, Terminal W, Grooves 1,  
 Pulley P, Fan EF  
 A: 36.00 B: 11.50 C: 81.70 mm



**112274** Alternator 14 V, 90 Amp  
 Replacing: 9517212  
 Servicing: Seat, Skoda, VW  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 39.50 B: 14.10 C: 61.40 mm



**112387** Alternator 14 V, 90 Amp  
 Replacing: 9516591, 9516590, 443113516591  
 Servicing: Skoda  
 B+ M6, Terminal W, Grooves 6,  
 Pulley SP, Fan EF  
 A: 32.50 B: 14.00 C: 66.00 mm



**112419** Alternator 14 V, 70 Amp

Replacing: 9517241

Servicing: Seat, Skoda

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 35.00 B: 14.00 C: 81.60 mm



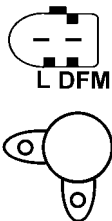
**112736** Alternator 14 V, 65 Amp

Replacing: 9515230

Servicing: Deutz-Fahr, Fahr, Iveco

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 76.50 B: 56.10 mm



**113340** Alternator 14 V, 70 Amp

Replacing: 9517403

Servicing: Audi, Seat, Skoda, VW

B+ M8, Grooves 6, Pulley SP/FW, Fan IF

A: 39.00 B: 14.00 C: 62.00 mm



**113542** Alternator 14 V, 55 Amp

Replacing: 9516765, 9515765, 443113515765

Servicing: John Deere

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 84.00 B: 56.00 mm



**113543** Alternator 14 V, 55 Amp

Replacing: 9516241, 9515241, 443113516241, 443113515241

Servicing: John Deere

B+ M6, Terminal W, Grooves 8, Pulley SP, Fan EF

A: 77.40 B: 50.75 mm



**113552** Alternator 14 V, 120 Amp

Replacing: 9515122, 9515112

Servicing: Case

B+ M8, Terminal W, Grooves 2, Pulley DP, Fan EF

A: 77.00 B: 50.80 mm



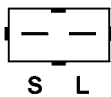
**113632** Alternator 14 V, 85 Amp

Replacing: 9515361, 9515102, 9513170, 9513071

Servicing: John Deere, Lada

B+ M8, Terminal W, Pulley w/o, Fan IF

B: 56.10 mm



**113716** Alternator 14 V, 120 Amp

Replacing: 9514696, 9514593, 9514590, 9514566, 95124596

Servicing: Thermo King, Yanmar

B+ M6, Terminal W, Pulley w/o, Fan EF

B: 51.00 mm



**110128** Alternator 14 V, 35 Amp

Replacing: AH2035N1, AG2035A2, AG2035A, AG2030A, AG2025A, A1T24471, A1T22581, A1T21171, A1T20271, A001T24471

Servicing: Chevrolet, Komatsu, Nissan, Subaru, TCM

B+ M6, Grooves 1, Pulley P, Fan EF  
A: 38.50 B: 11.50 C: 80.50 mm



**110129** Alternator 14 V, 50 Amp

Replacing: AH2250C7, AH2250C2, AH2250C1, AH2060N2, AH2050C, AG2250C7, AG2050N6, AG2050N4, AG2050N31, AG2050N26

Servicing: Isuzu, Nissan, Subaru

B+ M5, Grooves 1, Pulley P, Fan EF  
A: 41.00 B: 13.50 C: 80.50 mm



**110133** Alternator 14 V, 35 Amp

Replacing: AH2040H4, AH2040H1, AH2040H, AH2035Z5, AH2035Z1, AH2035T9, AH2035T8, AH2035T4, AH2035T3, AH2035T2

Servicing: Mazda

B+ M5, Grooves 1, Pulley P, Fan EF  
Regulator: HC-CARGO 130615, 6 pins.  
Regulator: HC-CARGO 130616, 6+1 pins.  
A: 39.40 B: 12.50 C: 80.50 mm



**110134** Alternator 14 V, 55 Amp

Replacing: A5T20387, A5T20377, A2T23477, A2T23474, A2T21278, A005T20387, A005T20377, A002T23477, A002T23474

Servicing: Mazda

B+ M5, Grooves 1, Pulley P, Fan EF  
A: 41.00 B: 12.50 C: 80.50 mm

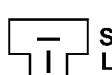


**110136** Alternator 14 V, 50 Amp

Replacing: A5T30171, A5T21472, A5T21471, A3T21474, A2T26172, A2T26072, A2T25171, A2T25081, A2T25071

Servicing: Ford, Mazda

B+ M5, Terminal W, Grooves 1, Pulley P, Fan EF  
A: 42.00 B: 13.00 C: 80.00 mm

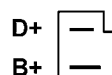


**110168** Alternator 14 V, 50 Amp

Replacing: AQ2250D32, AQ2250C2, AQ2050N12, AQ2050A24, A5T21871, A5T20972, A5T20872, A5T20871, A5T20374

Servicing: Nissan

B+ M5, Grooves 1, Pulley P, Fan EF  
A: 42.50 B: 13.00 C: 81.00 mm



**110178** Alternator 14 V, 36 Amp

Replacing: AH2140B14

Servicing: Austin, Bedford, Case, Ford, Jensen, Land Rover, Lotus, Massey Ferguson, MG, Morris, New Holland, Plymouth, Talbot

B+ 9.40, Pulley w/o, Fan EF  
B: 10.00 C: 87.00 mm

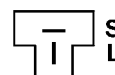


**110264** Alternator 14 V, 40 Amp

Replacing: A1T32471, A1T24571, A1T24371, A1T22975, A1T22971, A1T22071, A1T02871, A001T32471, A001T24571

Servicing: Nissan

B+ M5, Grooves 1, Pulley P, Fan EF  
A: 41.50 B: 13.20 C: 80.20 mm

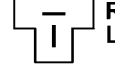


**110307** Alternator 14 V, 60 Amp

Replacing: AQ2060B3, A3T40472, A3T34872, A3T33272, A3T32272, A3T02972, A2T40972, A2T40971, A2T14472

Servicing: Mazda, Nissan

B+ M5, Grooves 1, Pulley P, Fan EF  
A: 42.50 B: 13.10 C: 80.40 mm



**110318** Alternator 14 V, 50 Amp

Replacing: MD064068, MD064067, MD064066, MD061151, MD061150, MD041701, MD041700, MD027661, MD025679, MD022579

Servicing: Dodge, Mazda, Mitsubishi, Plymouth

B+ M5, Grooves 1, Pulley P, Fan EF  
A: 45.00 B: 14.00 C: 55.00 mm

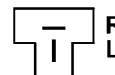


**110385** Alternator 14 V, 40 Amp

Replacing: A1T33771, A001T33771

Servicing: Bedford, Subaru, Suzuki

B+ M6, Grooves 1, Pulley P, Fan EF  
A: 41.0 B: 13.0 C: 56.0 mm

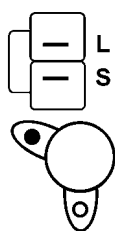


**110448** Alternator 28 V, 20 Amp

Replacing: A1T70783, A001T70783

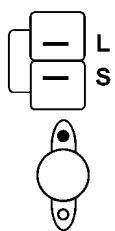
Servicing: Mitsubishi, Various Agriculture Vehicles

B+ M5, Grooves 1, Pulley P, Fan EF  
A: 44.50 B: 13.50 C: 81.30 mm


**110630#** Alternator 14 V, 70 Amp

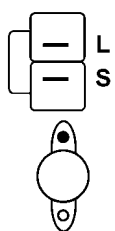
Replacing: A2T48298, A2T48292, A002T48298, A002T48292

Servicing: Nissan

 B+ M6, Grooves 6/4, Pulley SP, Fan EF  
 A: 35.35 B: 19.88 C: 81.30 mm

**110631** Alternator 14 V, 70 Amp

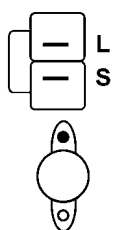
Replacing: A5T04492B, A5T04492A, A5T04392B, A5T04392A, A5T04392, A5T03192, A5T03092, A005T04492B, A005T04492A

Servicing: Nissan

 B+ M6, Grooves 4, Pulley SP, Fan IF  
 A: 38.00 B: 24.85 C: 82.20 mm

**110632** Alternator 14 V, 65 Amp

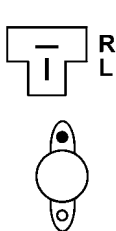
Replacing: A5T00192, A005T00192

Servicing: Nissan

 B+ M6, Grooves 4, Pulley SP, Fan IF  
 A: 38.80 B: 25.00 C: 80.80 mm

**110659** Alternator 14 V, 75 Amp

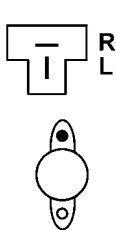
Replacing: MD309333, MD114620, MD012085, A5T05091, A2T09493, A2T09292, A005T05091, A002T09493

Servicing: Dodge, Eagle, Hyundai, Mitsubishi, Plymouth

 B+ M6, Grooves 4, Pulley SP, Fan IF  
 A: 38.15 B: 13.00 C: 55.00 mm

**110660#** Alternator 14 V, 65 Amp

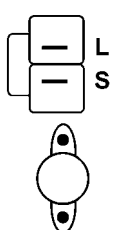
Replacing: MD197475, MD111286, MD111151, MD105342, MD099624, MD091794, MD091749, MD073067, A2T49792, A2T43791

Servicing: Dodge, Hyundai, Mitsubishi, Plymouth

 B+ M6, Grooves 4, Pulley SP, Fan IF  
 A: 38.25 B: 13.25 C: 55.00 mm

**110662** Alternator 14 V, 65 Amp

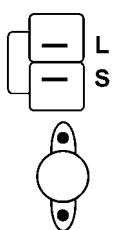
Replacing: A2T04677, A002T04677

Servicing: Mazda

 B+ M5, Terminal W, Grooves 1, Pulley P, Fan IF  
 A: 42.50 B: 12.86 C: 66.24 mm

**110663** Alternator 14 V, 60 Amp

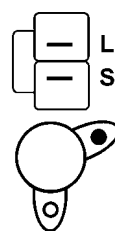
Replacing: A2T35177, A2T34477, A2T05572, A002T35177, A002T34477

Servicing: Ford, Kia, Mazda, Mercury

 B+ M6, Terminal W, Grooves 1, Pulley P, Fan IF  
 A: 41.75 B: 13.15 C: 66.60 mm

**110664** Alternator 14 V, 70 Amp

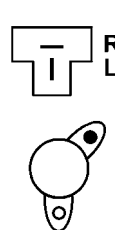
Replacing: A2T20191ZC, A2T20191, A2T19991A, A2T19991, A2T06092, A2T05893ZC, A2T05893, A2T05892ZC, A2T05892C

Servicing: Ford, Mazda

 B+ M6, Terminal W, Grooves 3, Pulley SP, Fan IF  
 A: 43.50 B: 13.10 C: 66.10 mm

**110666#** Alternator 14 V, 60 Amp

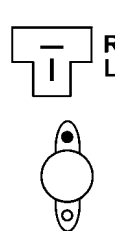
Replacing: MD125096, MD102088, A2T48791ZC, A2T48791, A2T09691, A002T48791ZC, A002T48791, A002T09691

Servicing: Eagle, Mitsubishi, Plymouth

 B+ M5, Grooves 4, Pulley SP, Fan IF  
 A: 38.50 B: 13.00 C: 48.10 mm

**110672#** Alternator 14 V, 55 Amp

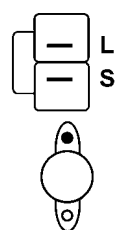
Replacing: MD087246, MD013742, A2T43583, A002T43583

Servicing: Mitsubishi

 B+ M5, Grooves 1, Pulley P, Fan EF  
 A: 44.75 B: 13.15 C: 54.35 mm

**110692#** Alternator 14 V, 55 Amp

Replacing: A5T31177, A5T30977, A5T30574, A5T22877, A2T17872, A005T31177, A005T30977, A005T30574, A005T22877

Servicing: Ford, Kia, Mazda

 B+ M5, Terminal W, Grooves 1, Pulley P, Fan IF  
 A: 42.30 B: 13.32 C: 66.00 mm

**110693#** Alternator 14 V, 60 Amp

Replacing: A5T41792, A5T41592B, A5T41592, A005T41792, A005T41592B, A005T41592

Servicing: Nissan

 B+ M6, Grooves 4, Pulley SP, Fan IF  
 A: 38.80 B: 13.00 C: 81.20 mm



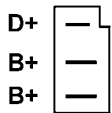
**110702#** Alternator 14 V, 70 Amp

Replacing: A2T25377, A002T25377

Servicing: Nissan

B+ M6, Grooves 1, Pulley P, Fan EF

A: 42.25 B: 13.30 C: 80.45 mm



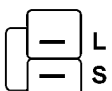
**110759** Alternator 14 V, 35 Amp

Replacing: AQ2140C4, AQ2140C, AH2040C

Servicing: Austin, Ford, Mercury

B+ 9.40, Grooves 1, Pulley P, Fan EF

A: 36.15 B: 10.50 C: 79.00 mm



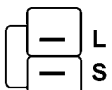
**110802** Alternator 14 V, 75 Amp

Replacing: MD169683, MD139839, MD136839, MD136838, MD133513, MD133171, MD130329, A3T03493ZC, A3T03493

Servicing: Dodge, Eagle, Hyundai, Mitsubishi, Plymouth

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 35.00 B: 13.25 C: 77.60 mm



**110804** Alternator 14 V, 90 Amp

Replacing: MD153843, MD149750, MD140750, A3T45694, A3T45693ZC, A3T45693, A3T45691, A003T45694, A003T45693ZC

Servicing: Dodge, Eagle, Hyundai, Kia, Mitsubishi, Plymouth

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 34.85 B: 13.40 C: 77.40 mm



**110805** Alternator 14 V, 50 Amp

Replacing: MD304139, MD096859, MD095741, MD086016, MD086015, MD070310, MD069859, MD068565, MD067411, MD060793

Servicing: Dodge, Mazda, Mitsubishi, Plymouth

B+ M5, Grooves 1, Pulley P, Fan EF

A: 45.30 B: 13.10 C: 54.20 mm



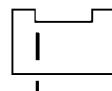
**110806** Alternator 14 V, 65 Amp

Replacing: MD124233, MD106320, MD106319, MD103564, MD103373, A2T10083, A2T01783, A2T01686, A2T01683, A2T01583

Servicing: Mitsubishi

B+ M6, Grooves 1, Pulley P, Fan EF

A: 44.40 B: 12.80 C: 56.30 mm



**110907#** Alternator 14 V, 80 Amp

Replacing: A3T45298F, A3T45298D, A3T45298, A3T34598, A3T03298B, A3T03298A, A3T03298, A2T34598C, A2T34598B

Servicing: Citroen, Peugeot

B+ M6, Grooves 5, Pulley SP, Fan EF

A: 45.90 B: 27.00 C: 65.55 mm



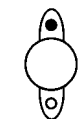
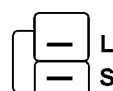
**110927** Alternator 14 V, 55 Amp

Replacing: A1T41291, A1T40191, A1T01591, A001T41291, A001T40191, A001T01591

Servicing: Honda, Rover

B+ M6, Grooves 3, Pulley SP, Fan IF

A: 90.45 B: 57.90 mm



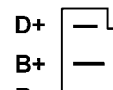
**110957#** Alternator 14 V, 75 Amp

Replacing: MD102084, A5T14792, A2T49992, A2T14792ZC, A2T14792, A005T14792, A002T49992, A002T14792ZC

Servicing: Hyundai

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 35.05 B: 12.99 C: 55.04 mm



**110968** Alternator 14 V, 70 Amp

Replacing: AH2040C4

Servicing: Austin, Case, Dronningborg, Mercedes-Benz, MG, Nissan, Rover, Valtra

B+ M6, Grooves 1, Pulley P, Fan EF

A: 34-43 B: 11.00 C: 82.00 mm



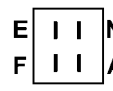
**111035** Alternator 14 V, 65 Amp

Replacing: A2T32171, A002T32171

Servicing: Audi, Autobianchi, Case, Fiat, Innocenti, Lancia, VW, Zastava

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 51.25 B: 22.00 C: 73.00 mm



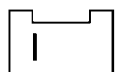
**111042** Alternator 14 V, 35 Amp

Replacing: MD017645, MD017635, AH2035M4, AH2035M, AH2025M4, A1T22074, A1T11574, A001T22074, A001T11574

Servicing: Iseki, Mitsubishi

B+ M6, Grooves 1, Pulley P, Fan EF

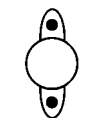
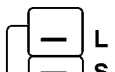
A: 42.50 B: 12.10 C: 66.90 mm


**111076** Alternator 14 V, 50 Amp

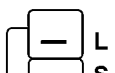
Replacing: A2T27091G, A2T27091F, A2T27091E, A2T27091D, A2T27091C, A2T27091A, A2T27091, A2T26391G, A2T26391  
 Servicing: Citroen, Opel, Peugeot, Talbot  
 B+ M6, Grooves 4, Pulley SP, Fan EF  
 A: 46.35 B: 26.80 C: 66.00 mm


**111175#** Alternator 14 V, 80 Amp

Replacing: A2T37692, A2T13391E, A2T13391D, A2T13391C, A2T13391B, A2T13391, A002T13391E, A002T13391D  
 Servicing: Citroen, Peugeot  
 B+ M8, Grooves 5, Pulley SP, Fan EF  
 A: 41.30 B: 27.25 C: 69.95 mm


**111237** Alternator 14 V, 70 Amp

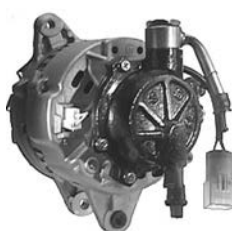
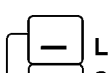
Replacing: A2T33991A, A2T33991, A002T33991A, A002T33991  
 Servicing: Kia, Mazda  
 B+ M6, Grooves 4, Pulley SP, Fan IF  
 A: 37.75 B: 13.00 C: 66.55 mm


**111238** Alternator 14 V, 75 Amp

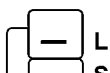
Replacing: MD160671, A3T08183, A003T08183  
 Servicing: Mitsubishi  
 B+ M6, Grooves 1, Pulley P, Fan IF  
 A: 45.20 B: 12.80 C: 55.10 mm


**111240** Alternator 14 V, 50 Amp

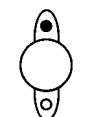
Replacing: MD124234, MD112318, MD106332, MD103372, A2T09884, A2T06384, A2T02084, A2T01384, A002T09884  
 Servicing: Mitsubishi  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 44.70 B: 13.15 C: 54.55 mm


**111243#** Alternator 14 V, 65 Amp

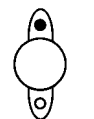
Replacing: MD132130, MD127087, A2T14876, A2T14376, A002T14876, A002T14376  
 Servicing: Mitsubishi  
 B+ M6, Grooves 1, Pulley P, Fan IF  
 A: 49.75 B: 13.15 C: 55.00 mm


**111264** Alternator 14 V, 80 Amp

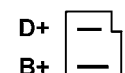
Replacing: A2T35792A, A2T35791A, A2T35791, A2T34692B, A2T34692A, A2T13894, A002T35791A, A002T35791  
 Servicing: Infiniti, Nissan  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 37.85 B: 25.45 C: 81.15 mm


**111279** Alternator 14 V, 50 Amp

Replacing: A7T02591, A7T02491B, A7T02491A, A7T02491, A7T01991, A7T00598, A7T00591, A7T00191, A5TA0791ZC  
 Servicing: Chevrolet, GEO, Pontiac, Suzuki  
 B+ M6, Grooves 4, Pulley SP, Fan IF  
 A: 37.50 B: 20.00 C: 66.00 mm


**111285** Alternator 14 V, 70 Amp

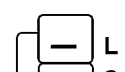
Replacing: A7T04072, A5T06491ZC, A5T06491, A5T06391ZC, A5T06391, A5T06291, A5T04292ZC, A5T04292, A5T04092  
 Servicing: Honda  
 B+ M6, Grooves 4, Pulley SP, Fan IF  
 A: 90.00 B: 57.80 mm


**111289** Alternator 14 V, 70 Amp

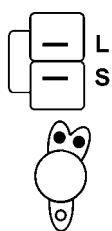
Replacing: A5T31774, A5T31773, A5T31772, A5T31372, A005T31774, A005T31773, A005T31772, A005T31372  
 Servicing: Austin, Case, Dronningborg, Ford, Land Rover, Massey Ferguson, MG, Morris, Rover  
 B+ 9.40, Terminal W, Grooves 1, Pulley P, Fan EF  
 A: 35.00 B: 12.50 C: 80.00 mm


**111293** Alternator 14 V, 70 Amp

Replacing: A2TA2392, A2T28792, A2T14591, A002TA2392, A002T28792, A002T14591  
 Servicing: Ford  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 33.00 B: 14.00 C: 80.00 mm


**111309** Alternator 14 V, 75 Amp

Replacing: A2T39991A, A2T39991  
 Servicing: Hyundai, Proton  
 B+ M8, Grooves 4, Pulley SP, Fan IF  
 A: 34.15 B: 13.15 C: 54.50 mm

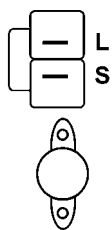


**111314** Alternator 14 V, 90 Amp

Replacing: MD354793, MD189014, MD168989, A3TA1391A, A3TA1391, A3T08293, A003T08293

Servicing: Hyundai, Mitsubishi

B+ M6, Grooves 5, Pulley SP, Fan IF  
A: 37.90 B: 13.15 C: 55.15 mm

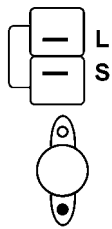


**111315** Alternator 14 V, 90 Amp

Replacing: A3T08491ZC, A3T08491C, A3T08491A, A3T08491, A003T08491ZC, A003T08491C, A003T08491A, A003T08491

Servicing: Ford, Mazda

B+ M8, Grooves 5, Pulley SP, Fan IF  
A: 37.65 B: 13.20 C: 66.45 mm

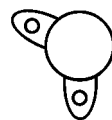


**111317** Alternator 14 V, 80 Amp

Replacing: A2T33191ZC, A2T33191A, A2T33191, A002T33191ZC, A002T33191A, A002T33191

Servicing: Ford, Kia, Mazda

B+ M8, Grooves 4, Pulley SP, Fan IF  
A: 36.40 B: 13.20 C: 66.80 mm

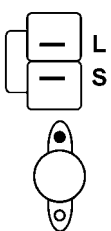


**111318** Alternator 14 V, 80 Amp

Replacing: A2TA1991F, A2TA1991D, A2TA1991, A002TA1991F, A002TA1991D, A002TA1991

Servicing: BMW, Citroen, Fiat, Lancia, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF  
A: 92.35 B: 56.00 mm

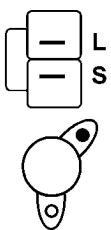


**111337#** Alternator 14 V, 70 Amp

Replacing: A3T04199, A3T04177, A2T08577B, A2T08577A, A2T08577, A2T04599, A003T04199, A003T04177, A002T08577B

Servicing: Mazda

B+ M6, Grooves 1, Pulley P, Fan IF  
A: 47.60 B: 13.10 C: 66.55 mm

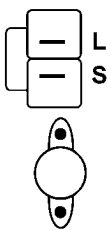


**111339** Alternator 14 V, 65 Amp

Replacing: MD147245, MD140189, A2T27883, A2T17783, A002T27883, A002T17783

Servicing: Mitsubishi

B+ M6, Grooves 1, Pulley P, Fan EF  
A: 44.70 B: 13.15 C: 54.50 mm

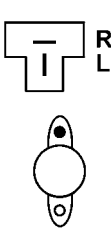


**111342** Alternator 14 V, 60 Amp

Replacing: A5T03777, A5T03677A, A5T03677, A5T01977, A5T01577, A005T03777, A005T03677A, A005T03677, A005T01977

Servicing: Mazda

B+ M6, Grooves 1, Pulley P, Fan IF  
A: 41.60 B: 13.20 C: 66.55 mm

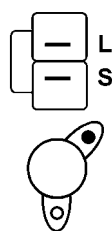


**111344** Alternator 28 V, 25 Amp

Replacing: ME017561, ME017560, ME017550, ME017509, ME007578, A5T70283, A5T70270, A5T70183, A5T70178, A2T71583

Servicing: Mitsubishi

B+ M5, Grooves 1, Pulley P, Fan EF  
A: 43.25 B: 12.55 C: 81.20 mm

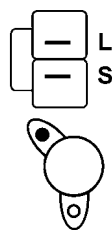


**111372** Alternator 14 V, 65 Amp

Replacing: MD112208, MD111232, MD108872, MD106712, A2T03177, A2T03171, A2T02577, A2T02572, A002T03177

Servicing: Mitsubishi

B+ M6, Grooves 1, Pulley P, Fan IF  
A: 41.80 B: 12.90 C: 54.50 mm

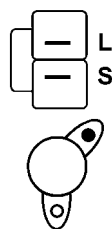


**111375** Alternator 14 V, 75 Amp

Replacing: MD361621, MD354797, MD317401, MD309845, MD193323, MD191402, MD189659, MD189658, A2TA3491, A2TA0091

Servicing: Dodge, Eagle, Hyundai, Mitsubishi, Proton

B+ M6, Grooves 4, Pulley SP, Fan IF  
A: 36.85 B: 13.00 C: 55.30 mm

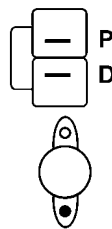


**111376** Alternator 14 V, 75 Amp

Replacing: MD361624, MD198164, MD190819, A2T81791A, A2T81791, A2T38391ZC, A2T38391, A002T81791A, A002T81791

Servicing: Dodge, Eagle, Mitsubishi, Plymouth

B+ M8, Grooves 4, Pulley SP, Fan IF  
A: 34.90 B: 13.25 C: 77.50 mm



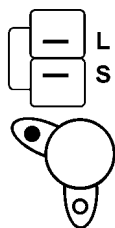
**111384** Alternator 14 V, 70 Amp

Replacing: A2TB6192, A2TB6191, A2TB2391, A2TB0091B, A2TB0091A, A2TB0091, A002TB6192, A002TB6191, A002TB2391

Servicing: Kia, Mazda

B+ M8, Grooves 4, Pulley SP, Fan IF  
*ECU controlled.*

A: 37.65 B: 13.15 C: 67.35 mm


**111406** Alternator 14 V, 110 Amp

Replacing: MD324755, MD324754, MD197470, MD150657, A4T03191, A4T01493, A3T12491, A3T12291A, A3T12291, A2T01493

Servicing: Dodge, Hyundai, Mitsubishi

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 23.50 B: 17.25 C: 55.40 mm

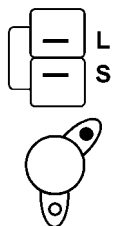

**111427** Alternator 14 V, 90 Amp

Replacing: A4T01591, A004T01591

Servicing: Ford

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 34.50 B: 13.50 C: 81.00 mm

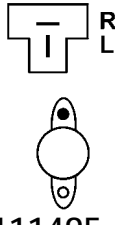

**111491#** Alternator 14 V, 75 Amp

Replacing: MD141119, MD111932, A3T05499, A3T00599, A003T05499, A003T00599

Servicing: Mitsubishi

B+ M6, Grooves 2, Pulley DP, Fan IF

A: 42.50 B: 13.00 C: 55.00 mm

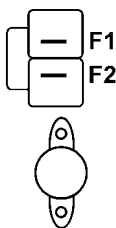

**111495** Alternator 14 V, 40 Amp

Replacing: A7T03277A, A7T03277, A007T03277A, A007T03277

Servicing: Hyster, Mitsubishi, Sumitomo, Yale

B+ M6, Grooves 1, Pulley P, Fan IF

A: 42.00 B: 13.00 C: 81.50 mm

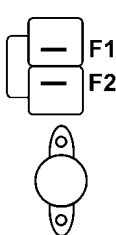

**111529#** Alternator 14 V, 90 Amp

Replacing: A2TA7491ZC, A2TA7491, A2TA3791, A002TA7491ZC, A002TA7491, A002TA3791

Servicing: Chrysler, Dodge

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 34.00 B: 12.00 C: 53.50 mm

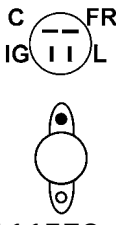

**111530** Alternator 14 V, 90 Amp

Replacing: A2T81391, A2T81292ZC, A2T81292, A2T81291, A2T81192ZC, A2T81192, A002T81391, A002T81292ZC

Servicing: Chrysler, Dodge, Eagle, Mitsubishi, Plymouth

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 33.00 B: 12.30 C: 54.10 mm

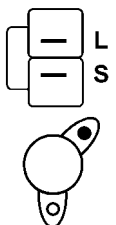

**111578** Alternator 14 V, 60 Amp

Replacing: A1T04991, A1T04892ZC, A1T04892, A1T02292ZC, A1T02292, A1T02291, A001T04991, A001T04892ZC

Servicing: Honda, Rover

B+ M6, Grooves 3, Pulley SP, Fan IF

A: 89.50 B: 58.25 mm

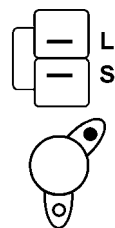

**111587** Alternator 14 V, 75 Amp

Replacing: MD344963, MD309844, MD309843, MD192136, MD192134, A3T11278A, A3T11278, A2TN2476A, A2TN2476

Servicing: Mitsubishi

B+ M8, Grooves 1, Pulley P, Fan IF

A: 51.00 B: 13.00 C: 55.00 mm

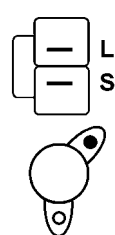

**111594** Alternator 14 V, 75 Amp

Replacing: MN137867, MD366050, MD306649, A2TN0499AT, A2T82899ZT, A2T82899AT, A2T82899A, A2T82899, A002TN0499AT

Servicing: Mitsubishi

B+ M8, Grooves 2, Pulley DP, Fan IF

A: 42.50 B: 13.00 C: 55.00 mm

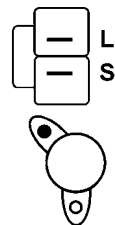

**111626** Alternator 14 V, 90 Amp

Replacing: ME202755, ME201837, ME201745, ME200695, MD200695, A3TB1399, A3TA3098A, A3TA3098, A3T09198

Servicing: Mitsubishi

B+ M8, Grooves 2, Pulley DP, Fan IF

A: 42.00 B: 13.20 C: 54.60 mm

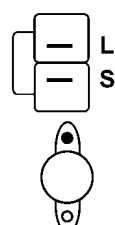

**111627** Alternator 14 V, 90 Amp

Replacing: MD194470, MD188242, A3T11991, A3T11191, A003T11991, A003T11191

Servicing: Mitsubishi

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 32.00 B: 13.00 C: 49.60 mm


**111704** Alternator 14 V, 70 Amp

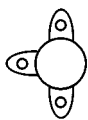
Replacing: A5T06891D, A5T06891C, A5T06891B, A5T06891A, A5T06891, A005T06891D, A005T06891C, A005T06891B

Servicing: Nissan

B+ M8, Grooves 4, Pulley SP, Fan IF

A: 37.45 B: 13.00 C: 81.00 mm



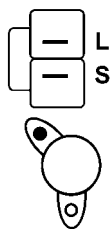

**111720** Alternator 28 V, 90 Amp

Replacing: A4TR5191ZT, A4TR5191

Servicing: Scania

B+ M8, Terminal W, Pulley w/o, Fan w/o

B: 22.70 C: 68.70 mm

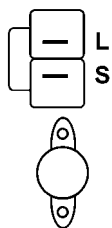

**111726** Alternator 14 V, 80 Amp

Replacing: A2TB3691KD, A2TB3691, A2TB2491A, A2TA4092B, A2TA4092A, A2TA4091A, A2TA4091, A2TA0491, A2T82491B

Servicing: Nissan

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 37.50 B: 25.00 C: 81.00 mm

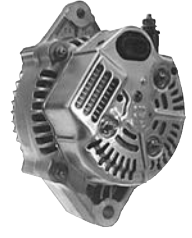
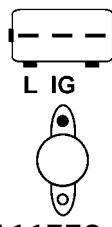

**111747** Alternator 14 V, 70 Amp

Replacing: A3T03099, A003T03099

Servicing: Nissan

B+ M6, Grooves 2, Pulley DP, Fan IF

A: 41.50 B: 13.00 C: 80.00 mm

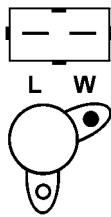

**111779** Alternator 14 V, 70 Amp

Replacing: A5TA6891A, A5TA6891, A5TA6191ZE, A5TA6191ZC, A5TA6191, A005TA6891A, A005TA6891, A005TA6191ZE

Servicing: Suzuki

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 90.70 B: 58.00 mm

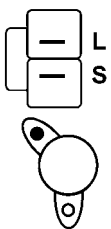

**111797** Alternator 14 V, 95 Amp

Replacing: A3TN1791, A003TN1791

Servicing: Ford

B+ M8, Terminal W, Grooves 4, Pulley SP, Fan IF

A: 34.00 B: 13.30 C: 81.00 mm

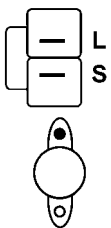

**111806** Alternator 14 V, 90 Amp

Replacing: MD350608, MD313395, A3TA0791A, A3TA0791, A003TA0791A, A003TA0791

Servicing: Mitsubishi

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 25.00 B: 13.00 C: 54.80 mm

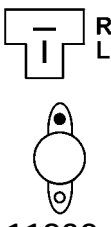

**111807** Alternator 14 V, 70 Amp

Replacing: A2TA5891, A2TA3991, A2TA1191, A2T83491A, A2T83491, A2T80391, A2T39391A, A2T39391, A002TA5891

Servicing: Kia, Mazda

B+ M8, Grooves 4, Pulley SP, Fan IF

A: 38.00 B: 13.50 C: 66.50 mm

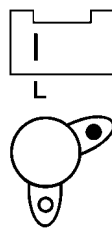

**111832** Alternator 14 V, 40 Amp

Replacing: MM438844, MM435752, MM435081, MM432804, A0T25373, A0T25371, A0T25271, A0T25171, A000T25373

Servicing: Mitsubishi

B+ M5, Grooves 1, Pulley P, Fan IF

A: 42.00 B: 16.75 C: 41.00 mm

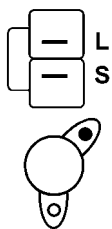

**111841** Alternator 14 V, 50 Amp

Replacing: A1T02674D, A1T02674, A001T02674D, A001T02674

Servicing: Citroen, Peugeot

B+ M6, Grooves 1, Pulley P, Fan EF

A: 95.50 B: 56.00 mm

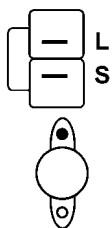

**111872** Alternator 14 V, 65 Amp

Replacing: MD313939, MD306648, MD304129, A2TN0499ZT, A2TN0499, A2TN0399, A2T81499, A002TN0499ZT, A002TN0499

Servicing: Mitsubishi

B+ M8, Grooves 2, Pulley DP, Fan IF

A: 42.00 B: 13.00 C: 55.00 mm

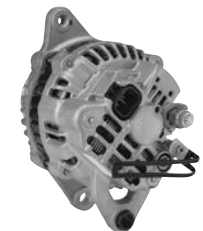
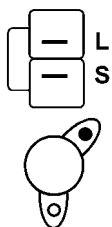

**111953#** Alternator 14 V, 70 Amp

Replacing: A5T05473B, A5T05473A, A5T05473, A005T05473B, A005T05473A, A005T05473

Servicing: Nissan

B+ M8, Grooves 1, Pulley P, Fan IF

A: 42.35 B: 13.00 C: 81.75 mm

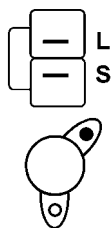

**111956** Alternator 14 V, 75 Amp

Replacing: ME202971, ME201838, ME200698, ME200696, A3TB1299, A3T09699, A3T09698, A3T09199, A3T08699

Servicing: Mitsubishi

B+ M8, Grooves 2, Pulley DP, Fan IF

A: 41.00 B: 13.00 C: 55.00 mm

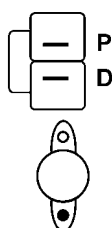

**112065** Alternator 14 V, 65 Amp

Replacing: MD334546, MD332546, MD314235, A2TN1299ZT, A2TN1299, A2TN0299, A002TN1299ZT, A002TN1299, A002TN0299

Servicing: Mitsubishi

B+ M8, Grooves 2, Pulley DP, Fan IF

A: 56.00 B: 13.00 C: 54.50 mm

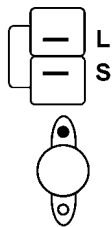

**112067** Alternator 14 V, 80 Amp

Replacing: A2TB7791, A2TB0191B, A2TB0191A, A2TB0191, A002TB7791, A002TB0191B, A002TB0191A, A002TB0191

Servicing: Mazda

B+ M8, Grooves 4, Pulley SP, Fan IF

A: 39.00 B: 12.50 C: 69.00 mm

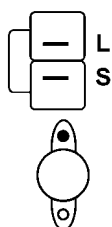

**112068** Alternator 14 V, 35 Amp

Replacing: A7T03371A, A7T03371, A007T03371A, A007T03371

Servicing: Nissan, TCM

B+ M8, Grooves 1, Pulley P, Fan IF

A: 42.00 B: 13.00 C: 81.25 mm

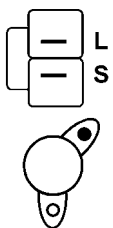

**112069** Alternator 14 V, 50 Amp

Replacing: A7TA3377, A7TA3371, A7T03771A, A7T03771, A007TA3377, A007TA3371, A007T03771A, A007T03771

Servicing: Nissan

B+ M8, Grooves 1, Pulley P, Fan IF

A: 42.00 B: 13.10 C: 81.60 mm

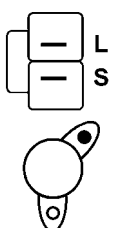

**112128** Alternator 14 V, 75 Amp

Replacing: MD366051, MD327514, MD313942, MD313940, MD306834, A3TN0499, A3TN0399, A3T15099, A2TN1199ZT

Servicing: Mitsubishi

B+ M8, Grooves 2, Pulley DP, Fan IF

A: 42.00 B: 13.00 C: 55.10 mm

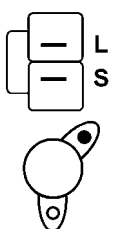

**112129** Alternator 14 V, 90 Amp

Replacing: MD339609, MD162964, A3T07483, A003T07483

Servicing: Mitsubishi

B+ M6, Grooves 1, Pulley P, Fan IF

A: 45.65 B: 13.00 C: 55.00 mm

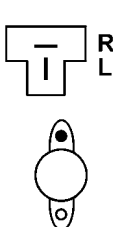

**112205** Alternator 14 V, 90 Amp

Replacing: MN137866, MD335227, MD334176, MD320354, A3TN1199, A3TN0899, A3TN0699A, A3TN0699, A003TN1199

Servicing: Hyundai, Mitsubishi

B+ M8, Grooves 2, Pulley DP, Fan IF

A: 42.00 B: 13.10 C: 54.90 mm

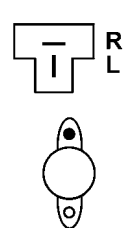

**112210** Alternator 28 V, 30 Amp

Replacing: ME017562, A2T72383, A002T72383

Servicing: Mitsubishi

B+ M6, Grooves 1, Pulley P, Fan IF

A: 44.00 B: 13.30 C: 80.90 mm

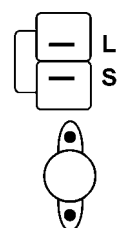

**112270** Alternator 14 V, 35 Amp

Replacing: A1T33277, A1T31699, A1T31685, A1T31377, A1T31374, A1T25097, A1T25087, A1T25083, A1T25077, A1T23377

Servicing: Mazda

B+ M5, Grooves 1, Pulley P, Fan EF

A: 41.85 B: 13.50 C: 81.65 mm

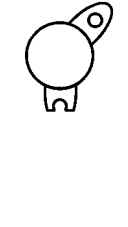

**112297** Alternator 14 V, 60 Amp

Replacing: A2T05772X, A2T05772, A002T05772X, A002T05772

Servicing: Kia, Mazda, Mercury

B+ M6, Terminal W, Grooves 1, Pulley P, Fan IF

A: 42.50 B: 13.10 C: 67.00 mm


**112298** Alternator 14 V, 80 Amp

Replacing: A2TA0291F, A2TA0291D, A2TA0291C, A2TA0291B, A2TA0291, A2T37691A, A2T37691, A002TA0291F, A002TA0291D

Servicing: Citroen, Fiat, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 42.00 B: 26.10 C: 66.70 mm

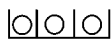
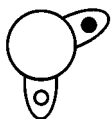

**112299** Alternator 14 V, 95 Amp

Replacing: A4T02891B, A4T02891A, A4T02891, A3TA0591F, A3TA0591E, A3TA0591D, A3TA0591C, A3TA0591, A3TA0291A

Servicing: Citroen, Fiat, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 43.00 B: 27.30 C: 67.70 mm


**B+ D+ W**

**112325** Alternator 14 V, 70 Amp

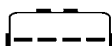
Replacing: A2TA2292, A2T14592, A002TA2292, A002T14592

Servicing: Ford

B+ M6, Terminal W, Grooves 5, Pulley SP, Fan IF

*D+ kan være med M4*

A: 33.00 B: 14.20 C: 82.30 mm


**G S L F**

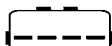
**112327** Alternator 14 V, 100 Amp

Replacing: MD374904, MD360635, MD358607, MD358421, MD343416, A3TB4191, A3TB0291, A3TA7791, A3TA5492, A3TA5491

Servicing: Hyundai, Kia, Mitsubishi, Volvo

B+ M8, Grooves 4, Pulley SP, Fan IF

A: 38.45 B: 13.00 C: 66.50 mm


**G S L F**

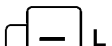
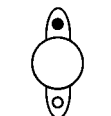
**112328** Alternator 14 V, 85 Amp

Replacing: MD368519, MD343562, MD317862, MD317860, A2TB5791ZC, A2TB0892, A2TA5391ZT, A2TA5391, A2TA4991

Servicing: Mitsubishi

B+ M8, Grooves 4, Pulley SP, Fan IF

A: 38.00 B: 13.10 C: 66.50 mm

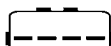

**L S**

**112332** Alternator 14 V, 70 Amp

Replacing: A2T82378, A002T82378

Servicing: Suzuki

B+ M6, Grooves 1, Pulley P, Fan IF

A: 50.00 B: 13.00 C: 80.70 mm


**G S L F**

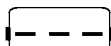
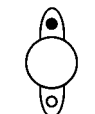
**112348**<sup>#</sup> Alternator 14 V, 100 Amp

Replacing: MD336781, A3TA4791, A003TA4791

Servicing: Mitsubishi

B+ M8, Grooves 4, Pulley SP, Fan IF

A: 33.50 B: 13.00 C: 55.00 mm

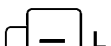
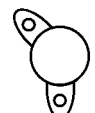

**L I G F R**

**112349** Alternator 14 V, 70 Amp

Replacing: A5TA5591, A5TA4791, A5TA1091ZC, A5TA1091, A005TA5591, A005TA4791, A005TA1091ZC, A005TA1091

Servicing: Honda

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 90.00 B: 58.00 mm

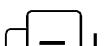

**L S**

**112352** Alternator 14 V, 70 Amp

Replacing: A2TC1479ZT, A2TA6099AT, A2TA6099A, A2TA6099, A002TC1479ZT, A002TA6099AT, A002TA6099A, A002TA6099

Servicing: Ford, Mazda

B+ M8, Grooves 2, Pulley DP, Fan IF

A: 42.00 B: 13.00 C: 65.00 mm


**L S**

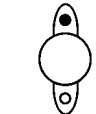
**112355** Alternator 14 V, 80 Amp

Replacing: MD366052, MD340419, A2TN1798ZT, A2TN1798AT, A2TN1798A, A2TN1798, A002TN1798ZT, A002TN1798AT

Servicing: Mitsubishi

B+ M8, Grooves 2, Pulley DP, Fan IF

A: 42.00 B: 13.10 C: 55.00 mm

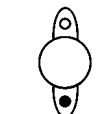

**L S**

**112359** Alternator 14 V, 100 Amp

Replacing: A3TA4399, A003TA4399

Servicing: Nissan

B+ M8, Grooves 2, Pulley DP, Fan IF

A: 41.50 B: 12.90 C: 80.30 mm


**P D**

**112361**<sup>#</sup> Alternator 14 V, 100 Amp

Replacing: A3TB0991, A003TB0991

Servicing: Mazda

 B+ M8, Grooves 4, Pulley SP, Fan IF  
*ECU controlled.*

A: 41.00 B: 13.00 C: 66.50 mm


**L S**

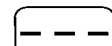
**112362** Alternator 14 V, 100 Amp

Replacing: MD350609, MD317119, MD303481, A3TA1191A, A3TA1191, A3T14491, A003TA1191A, A003TA1191, A003T14491

Servicing: Mitsubishi

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 24.00 B: 17.30 C: 55.40 mm


**A S I**

**112377**<sup>#</sup> Alternator 14 V, 215 Amp

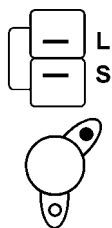
Replacing: A8TU0091

Servicing: Ford

B+ M10, Grooves 8, Pulley SP, Fan EF

A: 39.50 B: 92.40 C: 74.00 mm



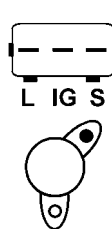

**112418** Alternator 14 V, 90 Amp

Replacing: MD357744, MD257744

Servicing: Mitsubishi

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 38.00 B: 12.90 C: 66.40 mm

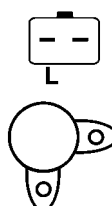

**112427** Alternator 28 V, 90 Amp

Replacing: A4TA8492, A4TA8292, A4TA8291, A4TA0592, A004TA8492, A004TA8292, A004TA8291, A004TA0592

Servicing: Iveco

B+ M8, Grooves 12, Pulley SP, Fan IF

A: 90.00 B: 57.60 mm


**112457** Alternator 14 V, 110 Amp

Replacing: A2TV0981, A2TC0982, A2TC0981, A2TB6481, A002TV0981, A002TC0981, A002TB6481

Servicing: Nissan, Renault

B+ M8, Pulley w/o, Fan IF

B: 15.75 C: 61.00 mm

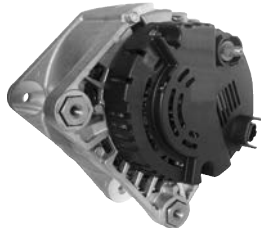
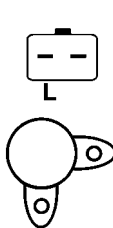

**112460** Alternator 14 V, 150 Amp

Replacing: A4TF0091B, A4TF0091A, A004TF0091B, A004TF0091A

Servicing: Citroen, Fiat, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 43.60 B: 22.00 C: 45.60 mm


**112471** Alternator 14 V, 125 Amp

Replacing: MW31216373, MW30638577

Servicing: Nissan, Opel, Renault, Vauxhall, Volvo

B+ M8, Grooves 6, Pulley SP/FW, Fan IF

A: 32.50 B: 13.50 C: 60.90 mm

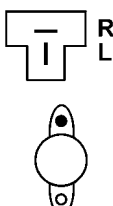

**112480** Alternator 14 V, 90 Amp

Replacing: A2TB4891D, A2TB4891C, A2TB4891B, A2TB4891A, A2TB2291A, A002TB4891D, A002TB4891C, A002TB4891B

Servicing: Citroen, Fiat, Lancia, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 44.00 B: 22.00 C: 46.00 mm

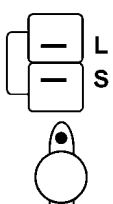

**112492** Alternator 14 V, 50 Amp

Replacing: A7T02077C, A7T02077A, A7T02077, A7T02071C, A7T02071A, A7T02071, A007T02077C, A007T02077A

Servicing: Cub Cadet, Sole Diesel, Vetus

B+ M5, Grooves 1, Pulley P, Fan IF

A: 43.50 B: 21.10 mm

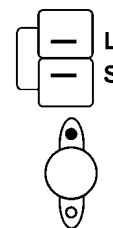

**112528** Alternator 14 V, 75 Amp

Replacing: MD354806, MD309335, MD309334, A5T07592A, A5T07592, A5T07591, A005T07592A, A005T07592, A005T07591

Servicing: Mercedes-Benz, Mitsubishi

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 38.00 B: 12.90 C: 48.00 mm

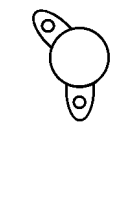

**112531** Alternator 14 V, 60 Amp

Replacing: MD111149, MD111148, MD102085, A2T48691, A2T43691, A2T09392, A2T09291, A002T48691, A002T43691

Servicing: Dodge, Eagle, Hyundai, Mitsubishi, Plymouth

B+ M8, Grooves 4, Pulley SP, Fan IF

A: 37.45 B: 13.00 C: 55.00 mm

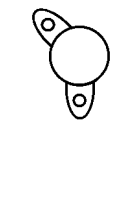

**112688** Alternator 14 V, 95 Amp

Replacing: A2TA2094D, A2TA2094C, A2TA2094B, A2TA2094, A002TA2094D, A002TA2094C, A002TA2094B, A002TA2094

Servicing: Alfa Romeo, Citroen, Fiat, Lancia, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 92.50 B: 55.80 mm

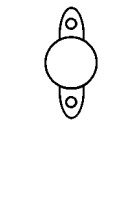

**112703** Alternator 14 V, 120 Amp

Replacing: A3TA5591A, A3TA5591, A003TA5591A, A003TA5591

Servicing: Citroen, Fiat, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 92.00 B: 56.00 mm


**112771** Alternator 14 V, 90 Amp

Replacing: MD011500

Servicing: Alfa Romeo, Fiat, Lancia

B+ M8, Grooves 5, Pulley SP, Fan EF

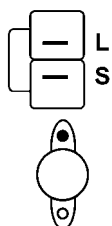
A: 39.50 B: 14.30 C: 82.00 mm



**112772** Alternator 14 V, 120 Amp

Replacing: A4TA0091F, A4TA0091E, A4TA0091D, A4TA0091C, A4TA0091B, A4T03491B, A4T03491A, A4T03491, A004TA0091F

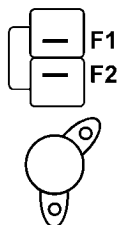
Servicing: Citroen, Fiat, Lancia, Peugeot  
B+ M8, Grooves 6, Pulley SP, Fan IF  
A: 41.70 B: 26.70 C: 66.80 mm



**112970** Alternator 14 V, 70 Amp

Replacing: A2T48176B, A2T48176A, A2T48176, A002T48176B, A002T48176A, A002T48176

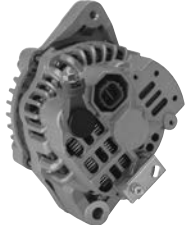
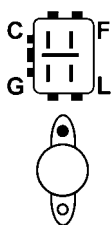
Servicing: Nissan  
B+ M6, Grooves 1, Pulley P, Fan IF  
A: 42.00 B: 13.00 C: 81.50 mm



**113027<sup>#</sup>** Alternator 14 V, 130 Amp

Replacing: A3TA4191ZC, A3TA4191, A3T14292, A003TA4191ZC, A003TA4191, A003T14292

Servicing: Chrysler, Dodge, Plymouth  
B+ M6, Grooves 6, Pulley SP, Fan IF  
A: 35.00 B: 13.00 C: 61.00 mm



**113035** Alternator 14 V, 75 Amp

Replacing: A5TA5491, A5TA4591ZC, A5TA4591, A5TA0991ZC, A5TA0991, A5TA0091, A005TA5491, A005TA4591ZC

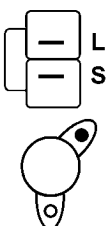
Servicing: Honda  
B+ M6, Grooves 4, Pulley SP, Fan IF  
A: 90.25 B: 57.80 mm



**113250** Alternator 14 V, 70 Amp

Replacing: A5TA6292ZEB, A5TA6292G, A5TA6292F, A5TA6292C, A005TA6292ZE, A005TA6292G, A005TA6292F, A005TA6292C

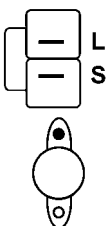
Servicing: Citroen, Peugeot  
B+ M8, Grooves 6, Pulley SP, Fan IF  
A: 42.00 B: 22.00 C: 45.50 mm



**113310** Alternator 14 V, 50 Amp

Replacing: MD354809, MD316418, A2TA2871A, A2TA2871, A002TA2871A, A002TA2871

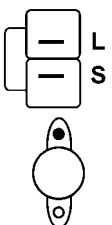
Servicing: Caterpillar, Clark  
B+ M8, Grooves 1, Pulley P, Fan IF  
A: 41.50 B: 13.00 C: 79.40 mm



**113315** Alternator 14 V, 85 Amp

Replacing: A2T37391ZC, A2T37391AC, A2T37391A, A2T37391, A002T37391ZC, A002T37391AC, A002T37391A, A002T37391

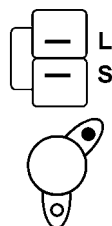
Servicing: Subaru  
B+ M8, Grooves 5, Pulley SP, Fan IF  
A: 46.00 B: 13.00 C: 80.00 mm



**113317** Alternator 14 V, 80 Amp

Replacing: A2TB3191A, A2TB3191, A002TB3191A, A002TB3191

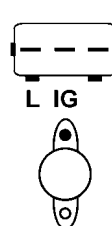
Servicing: Nissan  
B+ M8, Grooves 6, Pulley SP, Fan IF  
A: 38.20 B: 13.00 C: 80.90 mm



**113321** Alternator 14 V, 125 Amp

Replacing: ME203546, A3TB1999KD, A3TB1999, A3TA4298A, A3TA4298, A003TB1999KD, A003TB1999, A003TA4298

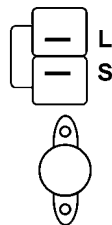
Servicing: Mitsubishi  
B+ M8, Grooves 2, Pulley DP, Fan IF  
A: 42.00 B: 13.00 C: 60.50 mm



**113322** Alternator 14 V, 60 Amp

Replacing: A5TA3891ZC, A5TA3891C, A5TA3891AC, A5TA3891A, A5TA3891, A005TA3891ZC, A005TA3891C, A005TA3891AC

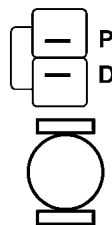
Servicing: Suzuki  
B+ M6, Grooves 4, Pulley SP, Fan IF  
A: 89.85 B: 58.00 mm



**113324** Alternator 14 V, 90 Amp

Replacing: A3TB0771, A003TB0771

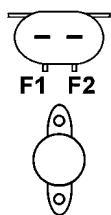
Servicing: Nissan  
B+ M8, Grooves 1, Pulley P, Fan IF  
A: 43.20 B: 13.00 C: 80.80 mm



**113348** Alternator 14 V, 90 Amp

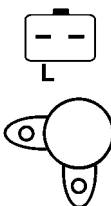
Replacing: A3TG0091, A003TG0091

Servicing: Mazda  
B+ M8, Grooves 6, Pulley SP, Fan IF  
A: 39.00 B: 60.00 C: 75.00 mm


**113360** Alternator 14 V, 85 Amp

Replacing: A2TB1491ZC, A2TB1491, A002TB1491ZC, A002TB1491

Servicing: Chrysler, Dodge

 B+ M6, Grooves 4, Pulley SP, Fan IF  
 A: 34.00 B: 12.40 C: 54.00 mm

**113403** Alternator 14 V, 75 Amp

Replacing: A1TA2293, A1TA2291, A001TA2293, A001TA2291

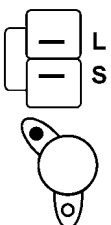
Servicing: Nissan, Renault

 B+ M8, Grooves 3, Pulley SP, Fan IF  
 A: 53.50 B: 27.00 C: 66.60 mm

**113405** Alternator 14 V, 70 Amp

Replacing: A5TA6291ZEC, A5TA6291ZEB, A5TA6291H, A5TA6291G, A5TA6291F, A5TA6291E, A5TA6291D, A5TA6291C

Servicing: Citroen, Peugeot

 B+ M8, Terminal DF, Grooves 6, Pulley SP, Fan IF  
 A: 42.50 B: 22.00 C: 45.50 mm

**113439** Alternator 14 V, 90 Amp

Replacing: A2TB4691, A2TB3891KD, A2TB3891, A2TB0491A, A2TB0491, A002TB4691, A002TB3891KD, A002TB3891

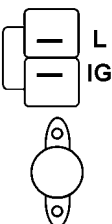
Servicing: Nissan

 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 38.30 B: 25.00 C: 81.00 mm

**113485** Alternator 14 V, 80 Amp

Replacing: A2TB4391, A2TA1994D, A2TA1994C, A2TA1994B, A2TA1994, A002TB4391, A002TA1994D, A002TA1994C

Servicing: Citroen, Fiat, Lancia, Peugeot, Suzuki

 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 92.00 B: 56.00 mm

**113497** Alternator 28 V, 35 Amp

Replacing: ME017614, A3TN5188, A003TN5188

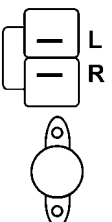
Servicing: New Holland, Various Industrial applications

 B+ M8, Grooves 2, Pulley DP, Fan IF  
 A: 42.50 B: 13.30 C: 81.80 mm

**113503** Alternator 14 V, 120 Amp

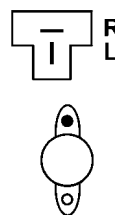
Replacing: A3TB0891C, A3TB0891B, A3TB0891A, A3TB0891, A3TA6491A, A3TA6491, A003TB0891C, A003TB0891B

Servicing: Citroen, Fiat, Peugeot

 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 43.00 B: 22.20 C: 45.00 mm

**113506** Alternator 28 V, 40 Amp

Replacing: ME017615, A3TN5288, A003TN5288

Servicing: Mitsubishi

 B+ M8, Terminal W, Grooves 2, Pulley DP, Fan EF  
 A: 43.00 B: 13.10 C: 81.60 mm

**113562** Alternator 14 V, 40 Amp

Replacing: A7T03877, A007TA1777, A007T03877

Servicing: Ford, New Holland

 B+ M6, Grooves 1, Pulley P, Fan IF  
 A: 42.00 B: 12.90 C: 81.50 mm

**113575** Alternator 14 V, 80 Amp

Replacing: A5TA6391C, A5TA6391B, A5TA6391A, A5TA6391, A005TA6391C, A005TA6391B, A005TA6391A, A005TA6391

Servicing: Citroen, Fiat, Peugeot

 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 42.00 B: 22.00 C: 45.00 mm

**113603** Alternator 14 V, 80 Amp

Replacing: A2TB4791B, A2TB4791A, A2TB4791, A2TB2191A, A002TB4791B, A002TB4791A, A002TB4791, A002TB2191A

Servicing: Citroen, Fiat, Peugeot

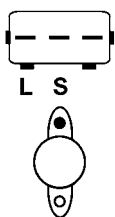
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 42.00 B: 22.00 C: 46.00 mm

**113604** Alternator 14 V, 95 Amp

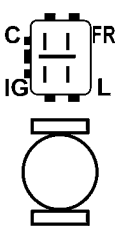
Replacing: A2TA2091F, A2TA2091E, A2TA2091D, A2TA2091A, A2TA2091, A002TA2091F, A002TA2091E, A002TA2091D

Servicing: Citroen, Fiat, Lancia, Peugeot

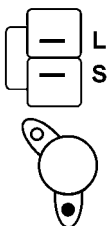
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 92.70 B: 56.00 mm


**113634** Alternator 14 V, 90 Amp

Replacing: A2TB6291, A2TB2991, A2TB2891ZC, A2TB2891, A002TB6291, A002TB2991, A002TB2891ZC, A002TB2891  
 Servicing: Saab, Subaru  
 B+ M8, Grooves 5, Pulley SP, Fan IF  
 A: 46.45 B: 13.15 C: 79.70 mm


**113712** Alternator 14 V, 90 Amp

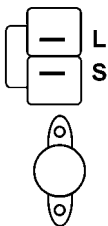
Replacing: A2TB7591, A002TB7591  
 Servicing: Honda  
 B+ M6, Grooves 7, Pulley SP, Fan IF  
 A: 39.20 B: 31.15 C: 46.00 mm


**113785** Alternator 14 V, 80 Amp

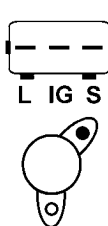
Replacing: A2TB1299, A2TB1298, A2TA1099A, A2TA1099, A002TB1299, A002TB1298, A002TA1099A, A002TA1099  
 Servicing: Mazda  
 B+ M8, Grooves 2, Pulley DP, Fan IF  
 A: 41.50 B: 12.80 C: 64.00 mm


**113832** Alternator 14 V, 90 Amp

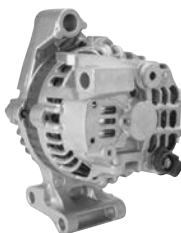
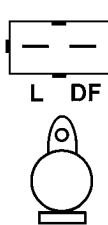
Replacing: MD353869, MD330800, MD327551, MD327550, MD325700, MD318458, MD313076  
 Servicing: Mitsubishi  
 B+ M8, Grooves 4, Pulley SP  
 A: 46.00 C: 65.00 mm


**113886** Alternator 28 V, 50 Amp

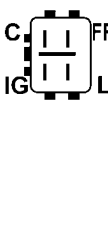
Replacing: A4TU5486, A4TU5485, A004TU5486  
 Servicing: Hitachi, Various Industrial applications  
 B+ M6, Grooves 3, Pulley SP, Fan EF  
 A: 60.00 B: 13.00 C: 70.00 mm


**113923** Alternator 28 V, 90 Amp

Replacing: A4TA8491, A4TA0591, A004TA8491, A004TA0591  
 Servicing: Iveco  
 B+ M8, Grooves 10, Pulley SP, Fan IF, Not Insulated return  
 A: 90.00 B: 58.10 mm


**113952** Alternator 14 V, 70 Amp

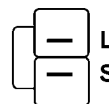
Replacing: A5TA6591, A5TA4391, A005TA6591, A005TA4391  
 Servicing: Ford  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 11.00 B: 72.00 C: 52.00 mm


**113954** Alternator 14 V, 70 Amp

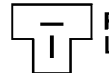
Replacing: A5TA7191ZC, A5TA7091ZE, A5TA7091ZC, A5TA7091, A5TA6991A, A005TA7191ZC, A005TA7091ZE, A005TA7091ZC  
 Servicing: Honda  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 94.50 B: 58.00 mm


**113971** Alternator 14 V, 115 Amp

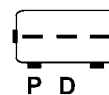
Replacing: A3TR0094ZT, A3TR0094, A3TR0093ZT, A3TR0093, A3TR0091ZT, A3TR0091, A003TR0091ZT, A003TR0091  
 Servicing: Volvo Penta  
 B+ M8, Grooves 6, Pulley SP  
 A: 44.0 B: 14.0 C: 106.0 mm


**114018** Alternator 14 V, 65 Amp

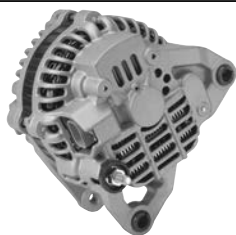
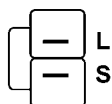
Replacing: MD339606, A2TN1583, A002TN1583  
 Servicing: Mitsubishi  
 B+ M6, Grooves 1, Pulley P, Fan IF  
 A: 46.00 B: 13.00 C: 54.50 mm


**114079** Alternator 14 V, 40 Amp

Replacing: A7TA0171B, A7TA0171, A007TA0171B, A007TA0171, 30A68-00801, 30A68-00800  
 Servicing: Case, Cub Cadet, Mitsubishi, Vetus, Volvo  
 B+ M5, Grooves 1, Pulley P  
 A: 43.00 B: 16.00 C: 41.60 mm


**114111** Alternator 14 V, 90 Amp

Replacing: A3TB6581, A003TB6581  
 Servicing: Mazda  
 B+ M8, Grooves 8, Pulley SP/FW, Fan IF, Not Insulated return  
 A: 39.00 B: 13.00 C: 66.50 mm

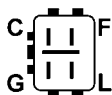

**114112** Alternator 14 V, 90 Amp

Replacing: A3TB4981, A003TB4981

Servicing: Mazda

B+ M8, Fan IF

B: 13.10 C: 65.00 mm


**114116** Alternator 14 V, 75 Amp

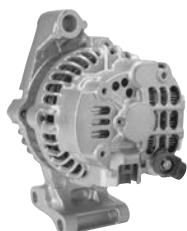
Replacing: A5TA7599ZC, A5TA7599,

A005TA7599ZC, A005TA7599

Servicing: Honda

B+ M6, Pulley w/o, Fan IF, Not Insulated return

B: 22.00 mm

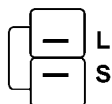

**114129** Alternator 14 V, 90 Amp

Replacing: A5TA7792, A5TA7692, A005TA7792

Servicing: Ford, Mazda

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 11.00 B: 72.00 C: 52.00 mm

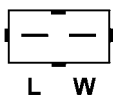

**114187** Alternator 14 V, 105 Amp

Replacing: MD371144, A3TN2481, A003TN2481

Servicing: Mitsubishi

B+ M8x1.25, Grooves 6, Pulley SP/FW, Fan IF, Not Insulated return

A: 42.00 B: 13.00 C: 54.50 mm

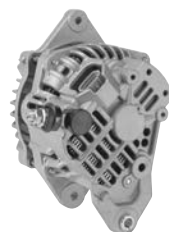
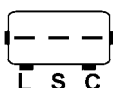

**114207** Alternator 14 V, 100 Amp

Replacing: A3TN2581, A003TN2581A, A003TN2581

Servicing: Suzuki

B+ M8, Pulley w/o, Fan IF

B: 13.00 C: 82.00 mm


**114214** Alternator 14 V, 80 Amp

Replacing: A2TG0391, A2TB6991, A2TB5391,

A2TB3091, A002TG0391, A002TB6991,

A002TB5391, A002TB3091

Servicing: Saab, Subaru

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 46.50 B: 13.00 C: 80.00 mm


**NEW PRODUCT**
[www.hc-cargo.com](http://www.hc-cargo.com)
**114229** Alternator 14 V, 120 Amp

Replacing: A3TG3391ZT, A3TG3391,

A003TG3391ZT, 1800A008

Servicing: Mitsubishi

Grooves 6, Pulley SP, Fan IF


**114244** Alternator 14 V, 130 Amp

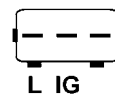
Replacing: A3TG2681ZE, A3TG2681AE,

A3TG2681, A003TG2681ZE, A003TG2681AE, A003TG2681

Servicing: Nissan, Renault V.I.

B+ M8, Pulley w/o, Fan IF

B: 13.00 C: 81.00 mm


**114245** Alternator 14 V, 75 Amp

Replacing: A5TB1291ZE, A5TB0891ZE, A005TB1291ZE, A005TB0891ZE

Servicing: Suzuki

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 90.00 B: 58.00 mm


**114247** Alternator 14 V, 75 Amp

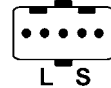
Replacing: A5TB1292AE, A5TB1292,

A5TA4291ZC, A005TB1292AE

Servicing: Opel, Suzuki, Vauxhall

B+ M6, Grooves 5, Pulley SP, Fan IF

A: 90.40 B: 58.00 mm

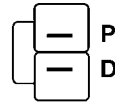
**W 15DFM**

**NEW PRODUCT**
[www.hc-cargo.com](http://www.hc-cargo.com)
**114303\*** Alternator 28 V, 100 Amp

Replacing: A4TA8591, A4TA8191, A3TA8791,

A004TA8591, A004TA8191

Servicing: Renault V.I.

Grooves 10, Pulley SP, Fan IF


**114356** Alternator 14 V, 100 Amp

Replacing: A3TB1081B, A3TB1081A,

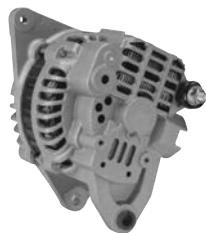
A3TB1081, A003TB1081B, A003TB1081

Servicing: Mazda

B+ M8x1.25, Grooves 6, Pulley SP, Fan IF

A: 41.10 B: 55.00 C: 74.20 mm





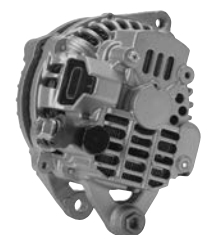
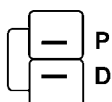
**114357** Alternator 14 V, 90 Amp

Replacing: MD375853, MD322925, A2TB7391, A2TA5392, A002TB7391, A002TA5392

Servicing: Mitsubishi

B+ M8x1.25, Grooves 4, Pulley SP, Not Insulated return

A: 37.50 B: 13.00 C: 66.40 mm



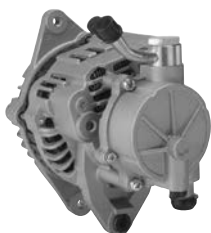
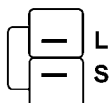
**114358** Alternator 14 V, 110 Amp

Replacing: A2TC0091, A002TC0091

Servicing: Mazda

B+ M8, Grooves 6, Pulley SP

A: 13.70 B: 24.15 C: 66.50 mm



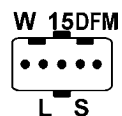
**114367** Alternator 14 V, 65 Amp

Replacing: MD339608, A2TN1683, A002TN1683

Servicing: Mitsubishi

B+ M6, Grooves 1, Pulley P, Not Insulated return

A: 46.00 B: 13.00 C: 54.00 mm

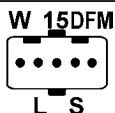


**NEW PRODUCT**  
www.hc-cargo.com

**114382\*** Alternator 28 V, 100 Amp

Replacing: A4TR5691ZT, A004TR5691ZT

Grooves 8, Pulley SP, Fan IF



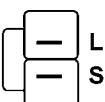
**114407** Alternator 28 V, 90 Amp

Replacing: A4TR5391ZT, A4TR5391, A004TR5391ZT, A004TR5391

Servicing: Renault V.I.

B+ M8, Grooves 8, Pulley SP, Fan IF, Not Insulated return

A: 44.50 B: 13.80 C: 101.00 mm



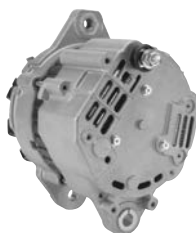
**114415** Alternator 14 V, 50 Amp

Replacing: A2T36776, A002T36776

Servicing: Mazda

B+ M8, Grooves 1, Pulley P, Fan IF

A: 43.00 B: 12.80 C: 81.90 mm

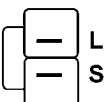


**114424** Alternator 14 V, 80 Amp

Replacing: ME015237, A4TU0088, A004TU0088

Servicing: Mitsubishi

B+ M8x1.25, Grooves 2, Pulley DP, Fan EF



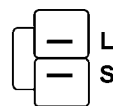
**114425** Alternator 28 V, 50 Amp

Replacing: ME077790, A4T40386, A004T40386

Servicing: Mitsubishi

B+ M8, Terminal W, Grooves 2, Pulley DP, Fan EF

A: 42.00 B: 14.00 C: 81.00 mm



**114432** Alternator 14 V, 100 Amp

Replacing: MD354804, MD318460, MD313384, A3TA2391A, A3TA2391, A3TA0491, A003TA2391, A003TA0491

Servicing: Mitsubishi

B+ M8 x 1.25/14.00, Grooves 4, Pulley SP, Fan IF

A: 23,20 B: 13,15 C: 79,60 mm



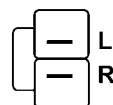
**114456** Alternator 28 V, 30 Amp

Replacing: A2TA8383, A002TA8383

Servicing: Kobelco

B+ M5, Grooves 1, Pulley P, Fan IF

A: 43.00 B: 12.80 C: 81.00 mm



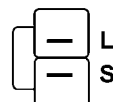
**NEW PRODUCT**  
www.hc-cargo.com

**114457** Alternator 28 V, 35 Amp

Replacing: A3TN5883, A003TN5883, 32B68-00200

Servicing: Mitsubishi

Grooves 1, Pulley P, Fan IF



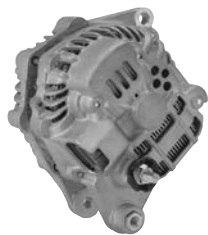
**NEW PRODUCT**  
www.hc-cargo.com

**114461** Alternator 14 V, 90 Amp

Replacing: MD354802, A3TA0991A, A003TA0991A

Servicing: Mitsubishi

Grooves 4, Pulley SP, Fan IF



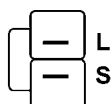
**114472** Alternator 14 V, 90 Amp

Replacing: A5TG0991, A005TG0991, 1800A052

Servicing: Smart (MCC)

B+ M8, Grooves 4, Pulley SP, Fan IF, Not Insulated return

A: 43.50 B: 13.00 C: 45.50 mm



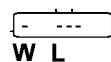
**114489** Alternator 14 V, 110 Amp

Replacing: A3TA6581KD, A3TA6581AKD, A3TA6581ADK, A3TA6581A, A3TA6581, A003TA6581KD, A003TA6581AK, A003TA6581A

Servicing: Nissan

B+ M8, Pulley w/o, Fan IF, Not Insulated return

B: 12.80 C: 81.00 mm



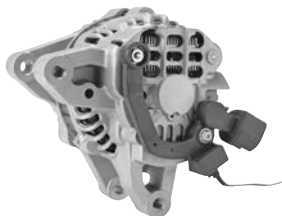
**114508** Alternator 28 V, 90 Amp

Replacing: A4TR5091ZT

Servicing: Renault V.I.

B+ M8, Terminal W, Grooves 5, Pulley SP, Fan IF

A: 81.00 B: 27.00 C: 65.00 mm



**114707** Alternator 14 V, 80 Amp

Replacing: A5TG1392A, A5TG1392

Servicing: Citroen

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 42.50 B: 22.00 C: 45.50 mm



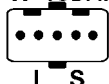
**114752\*** Alternator 14 V, 80 Amp

Replacing: A5TG0881ZEB, A5TG0881ZEA, A5TG0881ZE, A5TG0881, A005TG0881ZEA, A005TG0881ZE

Servicing: Citroen, Peugeot

Grooves 6, Pulley SP/FW, Fan IF

W 15DFM



**114759** Alternator 14 V, 40 Amp

Replacing: A7TA1777

Servicing: Case, New Holland

Grooves 1, Pulley P, Fan IF



**114770** Alternator 14 V, 80 Amp

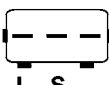
Replacing: 32A68-04722

Servicing: Various Industrial applications

B+ M6, Fan IF

Vedpak 183

B: 58.50 mm



**114803** Alternator 14 V, 150 Amp

Replacing: A3TJ0781ZE, A3TJ0781AE, A3TJ0781, A003TJ0781ZE, A003TJ0781AE, A003TJ0781

Servicing: Nissan

B+ M8, Grooves 7, Pulley SP/FW, Fan IF, Not Insulated return

A: 38.00 B: 13.00 C: 81.00 mm



**114807** Alternator 14 V, 60 Amp

Replacing: A1TA1777, A001TA1777

Servicing: Kubota, Thomas

B+ M6, Grooves 1, Fan IF

A: 63.00 B: 29.00 mm



**114842\*** Alternator 14 V, 150 Amp

Replacing: A3TJ2481ZE, A3TJ2481, A003TJ2481ZE, A003TJ2481

Grooves 7, Pulley SP/FW, Fan IF

NEW PRODUCT  
www.hc-cargo.com

**114843\*** Alternator 28 V, 80 Amp

Replacing: A3TR5092ZT, A3TR5092, A003TR5092ZT

Grooves 8, Pulley SP, Fan IF

NEW PRODUCT  
www.hc-cargo.com

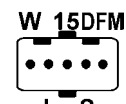
**114845** Alternator 28 V, 80 Amp

Replacing: A3TR5093, A003TR5093

Servicing: Volvo Penta

B+ M8, Grooves 6, Pulley SP, Fan IF

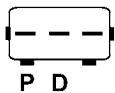
A: 44.5 B: 14.0 C: 104.0 mm



**114846\*** Alternator 28 V, 130 Amp

Replacing: A4TR5891ZT, A004TR5891ZT

Grooves 8, Pulley SP, Fan IF


**NEW PRODUCT**
[www.hc-cargo.com](http://www.hc-cargo.com)
**114865** Alternator 14 V, 100 Amp

Replacing: A2TJ0391C, A2TJ0391B, A2TJ0391A, A2TJ0391, A002TJ0391C, A002TJ0391B, A002TJ0391A, A002TJ0391

Servicing: Mazda

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 40.0 B: 60.0 C: 73.8 mm

**W 15DFM**


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**NEW PRODUCT**
[www.hc-cargo.com](http://www.hc-cargo.com)
**114880\*** Alternator 28 V, 110 Amp

Replacing: A4TR5592ZT, A4TR5592, A4TR5591ZT, A4TR5591, A004TR5592ZT, A004TR5592, A004TR5591ZT, A004TR5591

Grooves 8, Pulley SP, Fan IF

**NEW PRODUCT**
[www.hc-cargo.com](http://www.hc-cargo.com)
**114902\*** Alternator 14 V, 90 Amp

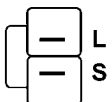
Replacing: 32868-03201

Grooves 2, Pulley DP, Fan IF

**NEW PRODUCT**
[www.hc-cargo.com](http://www.hc-cargo.com)
**115315\*** Alternator 28 V, 50 Amp

Replacing: A4TU6285, A004TU6285

Grooves 2, Pulley DP, Fan EF



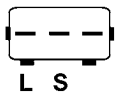
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**NEW PRODUCT**
[www.hc-cargo.com](http://www.hc-cargo.com)
**115317\*** Alternator 14 V, 120 Amp

Replacing: A2TG0281, A002TG0281

Grooves 7, Pulley SP/FW, Fan IF



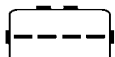
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**NEW PRODUCT**
[www.hc-cargo.com](http://www.hc-cargo.com)
**115340** Alternator 14 V, 120 Amp

Replacing: A2TJ0281ZE

Servicing: Dongfeng (Df), Nissan, Nissan (Dongfeng)

Grooves 6, Pulley SP/FW, Fan IF



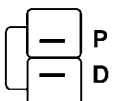
G S L F

**NEW PRODUCT**
[www.hc-cargo.com](http://www.hc-cargo.com)
**115348\*** Alternator 14 V, 100 Amp

Replacing: MN163016, A3TB6091

Servicing: Mitsubishi

Grooves 6, Pulley SP, Fan IF



P

D

**NEW PRODUCT**
[www.hc-cargo.com](http://www.hc-cargo.com)
**115368\*** Alternator 14 V, 95 Amp

Replacing: A3TG0081B, A3TG0081A, A3TG0081, A003TG0081A, A003TG0081

Grooves 6, Pulley SP/FW, Fan IF



COM

**NEW PRODUCT**
[www.hc-cargo.com](http://www.hc-cargo.com)
**115371\*** Alternator 14 V, 120 Amp

Replacing: A3TG1891ZEB, A3TG1891ZEA, A3TG1891ZE, A3TG1891B, A3TG1891A, A3TG1891, A003TG1891ZE, A003TG1891B

Servicing: Citroen, Peugeot

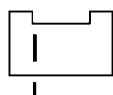
Grooves 6, Pulley SP, Fan IF


**110043<sup>#</sup>** Alternator 28 V, 45 Amp

 Replacing: 9AR3868G, 9AL3776, 510-289  
 Servicing: Hanomag, Pegaso, Renault V.I., Scania

B+ M6, Terminal W, Pulley w/o, Fan w/o

B: 80.00 mm



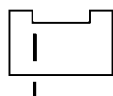
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**110048** Alternator 14 V, 35 Amp

Replacing: 510-834

 Servicing: Farymann, Renault, Volvo Penta  
 B+ M6, Pulley w/o, Fan EF, Insulated return

B: 51.00 mm



L


**110052** Alternator 28 V, 40 Amp

Replacing: 9AR3739G, 9AR3739, 9AR3713G, 9AR3713, 9AR2713, 510-817, 510-804

Servicing: Baudouin, DAF, Volvo Penta

B+ M6, Terminal W, Pulley w/o, Fan EF, Insulated return

B: 50.75 mm

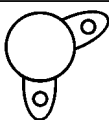

**110076<sup>#</sup>** Alternator 28 V, 55 Amp

Replacing: 9AR6025K, 510-445

Servicing: Pegaso, Scania

B+ M6, Terminal W, Pulley w/o, Fan w/o

B: 80.00 mm


**110077** Alternator 14 V, 50 Amp

Replacing: 510-249

Servicing: Case, Citroen, Deutz-Fahr, Fendt, Goldoni, Opel, Peugeot, Vauxhall

B+ M6, Grooves 1, Pulley P, Fan EF

A: 78.50 B: 56.00 mm

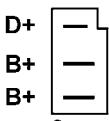

**110105** Alternator 14 V, 55 Amp

Replacing: 9AR2968K, 9AR2968, 510-384

Servicing: John Deere

B+ M6, Grooves 1, Pulley P, Fan EF

A: 83.30 B: 56.00 mm



D+

B+

B+


**110107** Alternator 14 V, 55 Amp

Replacing: 9AR5083G, 9AR5010F, 9AR2888, 9AR2887, 9AR2725F, 510-501, 510-492, 510-456, 510-368, 510-320

Servicing: Massey Ferguson

B+ 6.30, Pulley w/o, Fan w/o

B: 27.00 mm

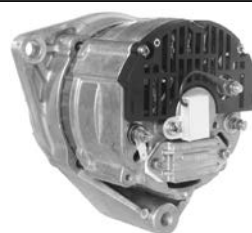
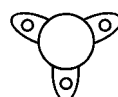

**110112** Alternator 28 V, 40 Amp

Replacing: 9AR3921G, 510-348, 510-347

Servicing: Volvo, Volvo Penta

B+ M6, Terminal W, Pulley w/o, Fan w/o

B: 51.00 mm


**110113** Alternator 28 V, 27 Amp

Replacing: 9AR3927G, 510-372

Servicing: Mercedes-Benz

B+ M6, Pulley w/o, Fan EF

B: 80.00 mm

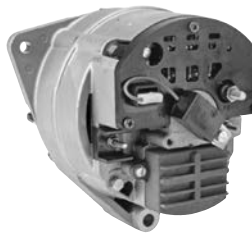

**110116** Alternator 28 V, 35 Amp

Replacing: 9AR3987G, 510-397

Servicing: DAF, Ford, MAN

B+ M8, Terminal W, Pulley w/o, Fan w/o

B: 80.00 mm


**110117** Alternator 28 V, 35 Amp

Replacing: 9AR6012G, 9AR6012, 510-427

Servicing: Iveco, Magirus-Deutz, Steyr, Various Agriculture Vehicles

B+ M6, Pulley w/o, Fan EF

B: 56.00 mm


**110127** Alternator 14 V, 70 Amp

Replacing: 9AR2775F, 9AR2775, 9AR2741P, 9AR2741F, 9AR2740P, 9AR2738P, 9AR2712P, 510-819, 510-818, 510-816

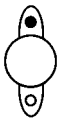
Servicing: Farymann, Volvo Penta

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF, Insulated return

A: 79.00 B: 51.00 mm



**110163** Alternator 28 V, 45 Amp  
 Replacing: 9AR3961, 9AR3806G, 510-388  
 Servicing: Renault V.I.  
 B+ M6, Terminal W, Grooves 2,  
 Pulley DP, Fan EF  
 A: 48.75 B: 27.25 C: 67.50 mm



**110173** Alternator 28 V, 75 Amp  
 Replacing: 8LHA3025PA, 8LHA2012NO  
 Servicing: Clark, DAF  
 B+ M8, Pulley w/o, Fan EF, Insulated  
 return  
 B: 14.50 C: 101.50 mm



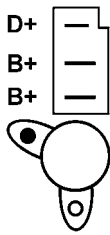
**110175** Alternator 28 V, 100 Amp  
 Replacing: 8SC3002Y  
 Servicing: Volvo Penta  
 B+ M8, Terminal W, Pulley w/o, Fan EF,  
 Insulated return  
 Fan: HC-CARGO 134317. Pulley: HC-CARGO  
 131176.  
 B: 14.75 C: 103.00 mm



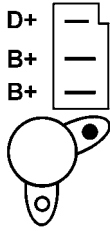
**110176** Alternator 28 V, 175 Amp  
 Replacing: 8SC3005Y  
 Servicing: Volvo Penta  
 B+ M8, Terminal W, Pulley w/o, Fan EF,  
 Insulated return  
 Pulley: HC-CARGO 131176.  
 B: 14.75 C: 101.50 mm



**110177** Alternator 14 V, 51 Amp  
 Replacing: 8HA2008  
 Servicing: Thermo King  
 B+ 1/4" UNC, Pulley w/o, Fan EF  
 Regulator: HC-CARGO 130679.  
 B: 27.25 mm



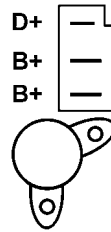
**110178** Alternator 14 V, 36 Amp  
 Replacing: 9AR2916F, 9AR2916, 9AR2915F,  
 510-105, 510-104, 2541194  
 Servicing: Austin, Bedford, Case, Ford,  
 Jensen, Land Rover, Lotus, Massey Ferguson,  
 MG, Morris, New Holland, Plymouth, Talbot  
 B+ 9.40, Pulley w/o, Fan EF  
 B: 10.00 C: 87.00 mm



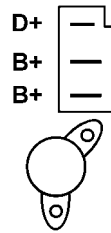
**110179** Alternator 14 V, 36 Amp  
 Replacing: 9AR5019, 9AR2877, 9AR2603G,  
 9AR2603F, 9AR2603  
 Servicing: Bedford, Case, Ford, Jaguar, Land  
 Rover, LDV International, Lotus, Mercury,  
 Triumph, Vauxhall  
 B+ 9.40, Pulley w/o, Fan EF  
 For pulley w/ 17.00 mm bore use bushing:  
 HC-CARGO 134894.  
 B: 9.75 C: 88.00 mm



**110350** Alternator 14 V, 44 Amp  
 Replacing: 9AR5049K  
 Servicing: Fiat, Lada  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 46.50 B: 19.50 C: 60.50 mm



**110358** Alternator 14 V, 55 Amp  
 Replacing: 9AR5028K02, 9AR5028K,  
 9AR2846K, 9AR2846, 9AR2845, 9AR2785,  
 9AR2784K, 9AR2765, 9AR2759K01, 9AR2759K  
 Servicing: Mercedes-Benz, Seat  
 B+ Plug, Grooves 1, Pulley P, Fan EF  
 A: 77.50 B: 56.00 mm



**110360** Alternator 14 V, 45 Amp  
 Replacing: 9AR2896G, 9AR2883G, 9AR2883,  
 9AR2835G, 9AR2835, 9AR2756F, 9AR2528F  
 Servicing: Audi, Deutz-Fahr, VW  
 B+ 9.40, Pulley w/o, Fan w/o  
 B: 56.00 mm



**110371** Alternator 14 V, 65 Amp  
 Replacing: 8MR2013L, 8AR65N12  
 Servicing: Carrier Transicold, Kubota  
 B+ M8, Terminal W, Grooves 1,  
 Pulley P, Fan EF  
 With mounting kit.  
 B: 27.00 mm



**110408** Alternator 14 V, 35 Amp  
 Replacing: 8RA2050F, 8EB2003F, 8EB2002F,  
 8EA2016F, 8EA2011N, 8EA2004F, 8EA2002F,  
 8EA2001F, 8AL2040FS  
 Servicing: American Motors, Jeep, Thermo  
 King  
 B+ M6, Terminal W, Pulley w/o, Fan EF  
 B: 27.00 mm


**110487** Alternator 14 V, 37 Amp

Replacing: 8EK2011FC, 8EK2011FB, 8EK2011FA, 8EK2008FC, 8EK2006FC, 8EK2004DE, 8EK2003FD, 8EK2003FC

Servicing: Thermo King

B+ 1/4" UNF, Pulley w/o, Fan EF

B: 27.00 mm

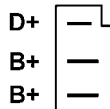

**110488** Alternator 14 V, 65 Amp

Replacing: 8EK2012NB, 8EK2007NC, 8EK2005ND, 8EK2005NC

Servicing: Thermo King

B+ 1/4" UNF, Pulley w/o, Fan EF

B: 27.00 mm


**110735<sup>#</sup>** Alternator 14 V, 55 Amp

Replacing: 9AL2834

Servicing: Lamborghini, Mercedes-Benz

B+ 9.40, Grooves 2, Pulley DP, Fan EF  
Regulator: HC-CARGO 130675.

A: 77.00 B: 56.00 mm

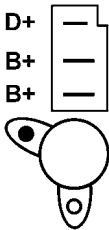

**110743** Alternator 14 V, 30 Amp

Replacing: 9AL2696G

Servicing: Citroen

B+ M6, Grooves 1, Pulley P, Fan EF  
Regulator: HC-CARGO 130679.

A: 61.00 B: 40.00 mm

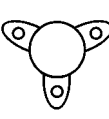

**110759** Alternator 14 V, 35 Amp

Replacing: 9AR2895F, 9AR2895, 9AR2703F, 9AR2698F, 9AR2627G, 9AR2627, 9AR2613F, 9AR2613, 9AR2612G, 9AR2612

Servicing: Austin, Ford, Mercury

B+ 9.40, Grooves 1, Pulley P, Fan EF

A: 36.15 B: 10.50 C: 79.00 mm

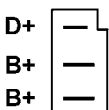

**110766** Alternator 28 V, 27 Amp

Replacing: 9AR6015K

Servicing: Atlas Copco, Case, Deutz-Fahr, Iveco, KHD, Liebherr, Magirus-Deutz, Mercedes-Benz, Steyr

B+ M6, Terminal W, Pulley w/o, Fan EF

B: 56.00 mm


**110767** Alternator 14 V, 45 Amp

Replacing: 9AR5046G

Servicing: Audi, VW

B+ 9.40, Terminal W, Grooves 1, Pulley P, Fan EF

A: 109.00 B: 56.00 mm

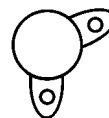

**110769<sup>#</sup>** Alternator 14 V, 70 Amp

Replacing: 9AR2690P, 9AR2672P, 9AR2672, 9AR2663K, 9AR2663, 510-148

Servicing: Citroen, Peugeot

B+ M6, Grooves 1, Pulley P, Fan EF

A: 48.50 B: 27.10 C: 66.00 mm

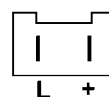

**110877** Alternator 14 V, 65 Amp

Replacing: 9AR5037L, 9AR5037, 9AR2984L, 9AR2984, 510-453, 510-404

Servicing: BMW

B+ M6, Grooves 1, Pulley P, Fan EF

A: 74.45 B: 51.00 mm


**110889** Alternator 14 V, 75 Amp

Replacing: 9AR2950P

Servicing: Renault, Renault V.I.

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 57.90 B: 26.90 C: 69.00 mm

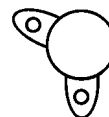

**110890** Alternator 14 V, 55 Amp

Replacing: 9AL5050K

Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Same

B+ M6, Grooves 1, Pulley P, Fan w/o

A: 49.00 B: 17.00 C: 63.00 mm


**110891** Alternator 14 V, 70 Amp

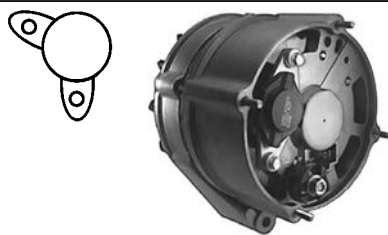
Replacing: 9AR2604P, 9AR2604L, 9AR2538K, 9AR2533P, 9AR2533, 9AR2501K

Servicing: Ford, Land Rover, MG

B+ M6, Terminal W, Pulley w/o, Fan w/o

As HC-CARGO 114788, but without pulley

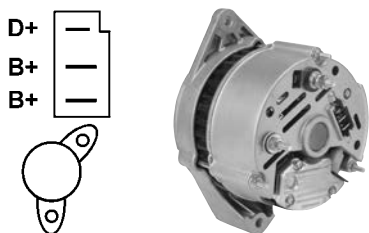
B: 11.30 C: 83.00 mm



**110911** Alternator 14 V, 55 Amp

Replacing: 9AR2780K, 9AR2780, 9AR2638P, 9AR2638, 9AR2621L, 9AR2596K, 9AR2588K, 9AR2588

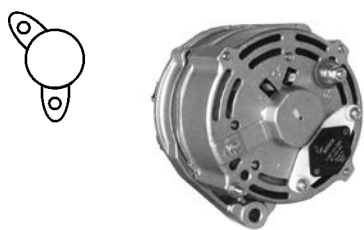
Servicing: Audi, Peugeot, Saab, VW  
B+ M6, Grooves 1, Pulley P, Fan EF  
A: 77.64 B: 56.00 mm



**110913** Alternator 14 V, 70 Amp

Replacing: 9BE2NB2A, 9BE2KA2A, 9AR5100G, 9AR5100, 9AR5045L, 9AR5015L, 9AR2897L, 9AR2884L, 9AR2830L, 9AR2830

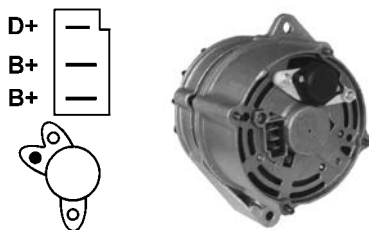
Servicing: Audi, VW  
B+ 9.40, Pulley w/o, Fan w/o  
B: 56.00 mm



**110916**# Alternator 14 V, 40 Amp

Replacing: 9AR5048P, 9AR5048, 9AR2995R, 9AR2982, 9AR2882F05, 9AR2882F04, 9AR2882F03, 9AR2882F02, 9AR2882F01

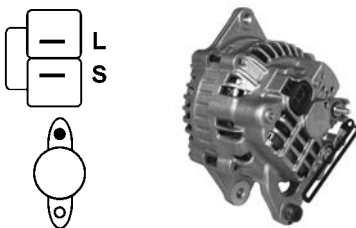
Servicing: Citroen, Peugeot, Talbot  
B+ M6, Grooves 1, Pulley P, Fan EF  
A: 59.00 B: 40.00 mm



**110919** Alternator 14 V, 70 Amp

Replacing: 9AR5099L, 9AR5088L, 9AR5030L, 9AR2977L, 9AR2977

Servicing: Audi, VW  
B+ Plug, Grooves 1, Pulley P, Fan EF  
A: 110.00 B: 56.00 mm

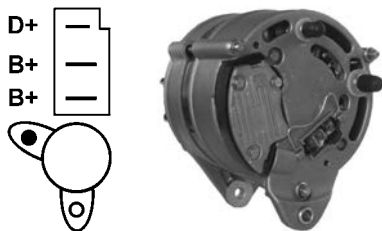


**110957**# Alternator 14 V, 75 Amp

Replacing: 9AR2602

Servicing: Hyundai

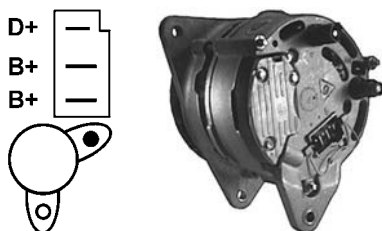
B+ M6, Grooves 4, Pulley SP, Fan IF  
A: 35.05 B: 12.99 C: 55.04 mm



**110968** Alternator 14 V, 70 Amp

Replacing: 9AR5060, 9AR2960F, 9AR2841, 9AR2705G, 9AR2705, 9AR2699G, 9AR2683G, 9AR2683, 9AR2654G, 9AR2650D

Servicing: Austin, Case, Dronningborg, Mercedes-Benz, MG, Nissan, Rover, Valtra  
B+ M6, Grooves 1, Pulley P, Fan EF  
A: 34-43 B: 11.00 C: 82.00 mm

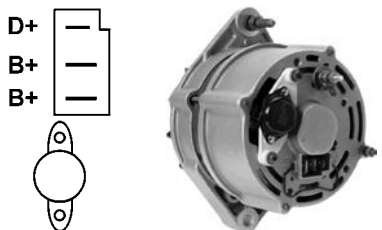


**110969** Alternator 14 V, 65 Amp

Replacing: 9AR2913, 9AR2878, 9AR2803F, 9AR2706G, 9AR2706, 9AR2704F, 9AR2684P, 9AR2655G, 9AR2653F, 9AR2653

Servicing: Land Rover, Various Agriculture Vehicles

B+ M6, Grooves 1, Pulley P, Fan EF  
A: 38.00 B: 11.00 C: 82.00 mm

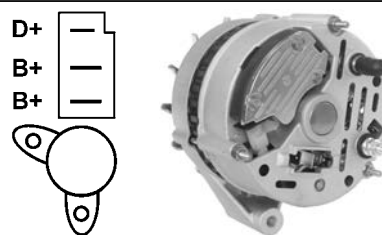


**110970** Alternator 14 V, 65 Amp

Replacing: 9AR2549F, 9AR2549, 9AR2548K, 9AR2548, 9AR2547F, 9AR2547, 510-56, 510-39, 510-38

Servicing: Massey Ferguson

B+ M6, Grooves 1, Pulley P, Fan EF  
A: 58.00 B: 27.10 mm

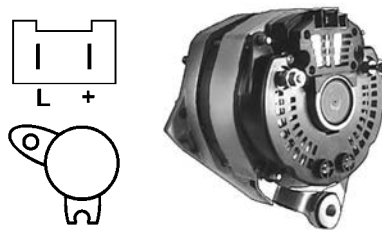


**110975** Alternator 14 V, 65 Amp

Replacing: 9AR2529F, 9AR2529, 510-146, 510-123, 2541263

Servicing: Audi, Various Agriculture Vehicles, VW

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF  
A: 82.85 B: 56.25 mm

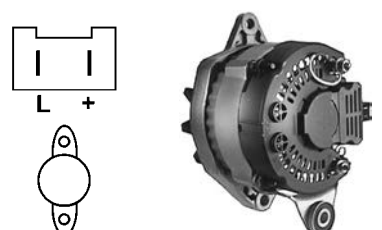


**111071** Alternator 14 V, 75 Amp

Replacing: 9AR2874R, 9AR2872P, 9AR2731R, 9AR2730P, 2940275

Servicing: Citroen, Peugeot

B+ M6, Grooves 1, Pulley P, Fan EF  
A: 61.85 B: 35.90 C: 53.00 mm

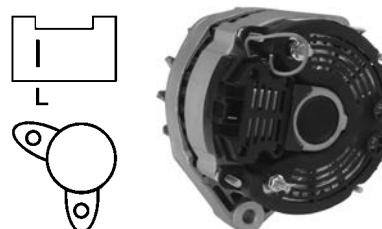


**111072** Alternator 14 V, 50 Amp

Replacing: 9AR2948K, 9AR2752P, 9AR2676K, 9AR2676

Servicing: Renault, VW

B+ M6, Grooves 1, Pulley P, Fan IF  
A: 49.40 B: 27.00 C: 66.00 mm

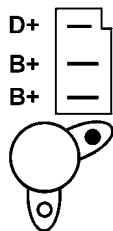


**111075** Alternator 14 V, 55 Amp

Replacing: 9AR5062K, 2940356

Servicing: Citroen, Peugeot, Talbot, Vauxhall

B+ M6, Grooves 1, Pulley P, Fan EF  
A: 59.50 B: 40.00 mm

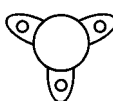

**111086** Alternator 14 V, 65 Amp

Replacing: 9AR5021G, 9AR2917G, 9AR2917, 2518071

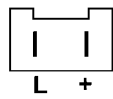
 Servicing: Austin, Ford, Mercury, MG, Rover  
 B+ Plug, Grooves 1, Pulley P, Fan IF  
 A: 34.60 B: 10.80 C: 81.00 mm

**111094** Alternator 14 V, 65 Amp

Replacing: 2940311A, 2940311

 Servicing: Audi, VW  
 B+ M8, Terminal W, Grooves 1, Pulley P, Fan EF  
 A: 109.00 B: 56.00 mm

**111141** Alternator 14 V, 55 Amp

Replacing: 2940793

 Servicing: MAN, Mercedes-Benz  
 B+ M6, Terminal W, Pulley w/o, Fan w/o  
 B: 80.00 mm

**111144**# Alternator 14 V, 70 Amp

Replacing: 9AR2870P, 510-312

 Servicing: Citroen, Renault, Talbot  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 49.15 B: 27.00 C: 64.80 mm

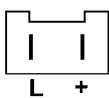
**111152**# Alternator 14 V, 45 Amp

Replacing: 2940306

 Servicing: VW  
 B+ M8, Terminal W, Grooves 1, Pulley P, Fan EF  
 A: 99.00 B: 56.00 mm

**111156**# Alternator 14 V, 70 Amp

Replacing: 9AR2998P

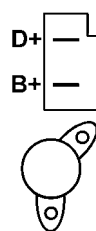
 Servicing: Peugeot, Talbot  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 64.30 B: 27.00 C: 66.00 mm

**111171** Alternator 14 V, 70 Amp

Replacing: 9AR2933P

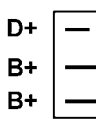
 Servicing: Renault  
 B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF  
 A: 49.65 B: 27.00 C: 66.50 mm

**111176** Alternator 14 V, 75 Amp

Replacing: 9AR2512P, 9AR2512

 Servicing: Ford, Land Rover, LDV, Rover  
 B+ M6, Terminal W, Pulley w/o, Fan w/o  
 As HC-CARGO 114795, but without pulley  
 B: 11.25 C: 81.65 mm

**111180** Alternator 14 V, 33 Amp

Replacing: 9AR5006G

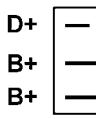
 Servicing: Fiat, Fiat-Allis, Lamborghini, Same, Zastava  
 B+ 9.40, Grooves 1, Pulley P, Fan EF  
 A: 49.00 B: 25.00 C: 74.00 mm

**111185** Alternator 14 V, 43 Amp

Replacing: 9AR2918G, 9AR2918

 Servicing: Austin, Case, Ford, Land Rover, LDV, Lotus, Massey Ferguson, MG, Morris, Rover, Triumph, Vauxhall  
 Pulley w/o, Fan IF  
 As HC-CARGO 114796, but without pulley  
 B: 9.80 C: 81.00 mm

**111288** Alternator 14 V, 65 Amp

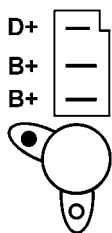
Replacing: 2940303

 Servicing: Seat, VW  
 B+ M8, Terminal W, Grooves 1, Pulley P, Fan EF  
 A: 75.00 B: 56.00 mm

**111289** Alternator 14 V, 70 Amp

Replacing: 9AR5092K, 9AR5022G, 9AR5022, 9AR2978, 9AR2843G, 9AR2707G, 9AR2703, 9AR2701, 9AR2700G, 9AR2700

 Servicing: Austin, Case, Dronningborg, Ford, Land Rover, Massey Ferguson, MG, Morris, Rover  
 B+ 9.40, Terminal W, Grooves 1, Pulley P, Fan EF  
 A: 35.00 B: 12.50 C: 80.00 mm





**111362** Alternator 14 V, 55 Amp  
 Replacing: 9AR2630K, 2940080  
 Servicing: Austin, Ford, Land Rover, MG, Rover, Valtra  
 B+ Plug, Terminal W, Grooves 1, Pulley P, Fan EF  
 A: 34.50 B: 11.00 C: 81.00 mm



**111419** Alternator 28 V, 55 Amp  
 Replacing: 2541423  
 Servicing: Allis Chalmers, Benfra, Fiat-Allis, Iveco, Laverda  
 B+ M8, Terminal W, Grooves 2, Pulley DP, Fan EF  
 A: 50.00 B: 17.45 C: 63.00 mm



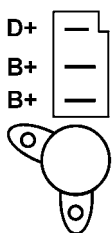
**111510** Alternator 28 V, 45 Amp  
 Replacing: 9AR6000G, 9AR6000, 9AR3959G, 9AR3855G, 510-864, 510-860, 510-845  
 Servicing: Ford, Perkins  
 B+ M6, Terminal W, Pulley w/o, Fan EF, Insulated return  
 B: 10.00 C: 82.00 mm



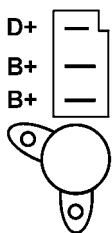
**111575** Alternator 14 V, 90 Amp  
 Replacing: 8MR2069TA  
 Servicing: Various Industrial applications  
 B+ M6, Terminal W, Pulley w/o, Fan EF, Insulated return  
 With adjustable voltage regulator.  
 B: 51.00 mm



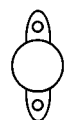
**111576** Alternator 14 V, 90 Amp  
 Replacing: 8MR2070TA  
 Servicing: Mercury  
 B+ M6, Terminal W, Pulley w/o, Fan EF, Insulated return  
 With adjustable regulator. Rotor shaft 5/8".  
 B: 27.20 mm



**111652<sup>#</sup>** Alternator 14 V, 65 Amp  
 Replacing: 9FE2NB2A, 9FB2KB2A, 9AR2838L, 9AR2779L, 91G2NA2F42  
 Servicing: Audi, VW  
 B+ Plug, Grooves 1, Pulley P, Fan EF  
 A: 108.50 B: 56.00 mm



**111653** Alternator 14 V, 45 Amp  
 Replacing: 9AR2839G, 9AR2792G, 9AR2792, 9AR2727G, 9AR2727, 9AR2708G, 9AL2708G, 9AL2615  
 Servicing: Audi, VW  
 B+ 9.70, Grooves 1, Pulley P, Fan EF  
 A: 108.50 B: 56.00 mm



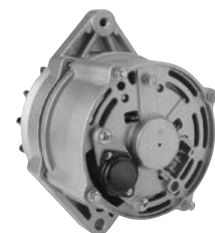
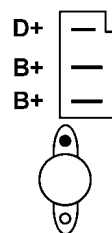
**111656** Alternator 14 V, 45 Amp  
 Replacing: 2940353  
 Servicing: Bedford, Opel, Vauxhall  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 77.00 B: 56.00 mm



**111686** Alternator 14 V, 65 Amp  
 Replacing: 9AR2951L, 9AR2951  
 Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Lancia, Laverda  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 49.50 B: 17.00 C: 64.50 mm



**111800** Alternator 14 V, 65 Amp  
 Replacing: 2940349, 2940347  
 Servicing: Opel, Vauxhall  
 B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF  
 A: 85.00 B: 56.00 mm



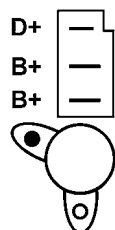
**111948** Alternator 14 V, 70 Amp  
 Replacing: 9AR5070K, 9AR5040K, 9AR2944K, 9AR2862K, 9AR2862, 9AR2861K, 9AR2856K, 9AR2856, 9AR2853K, 9AR2853  
 Servicing: Massey Ferguson  
 B+ Plug, Terminal W, Pulley w/o, Fan EF  
 B: 29.00 mm



**112097** Alternator 28 V, 30 Amp  
 Replacing: 9AR3952G, 9AR3952, 9AL3955G  
 Servicing: Allis Chalmers, Astra, Fahr, Iveco, Laverda  
 B+ M6, Grooves 1, Pulley P, Fan w/o  
 A: 45.00 B: 17.00 C: 63.00 mm



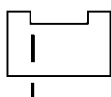
**112110<sup>#</sup>** Alternator 28 V, 45 Amp  
 Replacing: 9AR3971G, 9AR3947G, 9AR3790G, 9AR3743G, 9AR3711G01, 9AR3711, 9AR3649G, 510-821  
 Servicing: Baudouin, Perkins, Sabre, Volvo Penta  
 B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF, Insulated return  
 A: 58.00 B: 27.00 mm



**112112** Alternator 14 V, 70 Amp  
 Replacing: 9AR2999P, 9AR2958P, 9AR2958, 9AR2854P, 9AR2831P, 9AR2747P, 9AR2746P, 9AR2745P, 9AR2744P, 9AR2735P  
 Servicing: Perkins, Sabre, Yanmar  
 B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF, Insulated return  
 A: 45.00 B: 11.50 C: 82.50 mm



**112149** Alternator 14 V, 65 Amp  
 Replacing: 2940305A, 2940305, 2940304A, 2940304  
 Servicing: Audi, Seat, VW  
 B+ M8, Terminal W, Grooves 1, Pulley P, Fan EF  
 A: 109.80 B: 56.00 mm



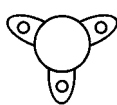
**112162** Alternator 14 V, 70 Amp  
 Replacing: 9AR5055P, 9AR5055  
 Servicing: Citroen, Peugeot  
 B+ M6, Grooves 4, Pulley SP, Fan EF  
 A: 46.50 B: 27.00 C: 65.90 mm



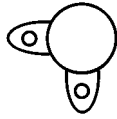
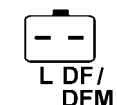
**112298** Alternator 14 V, 80 Amp  
 Replacing: 2541950B  
 Servicing: Citroen, Fiat, Peugeot  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 42.00 B: 26.10 C: 66.70 mm



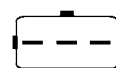
**112299** Alternator 14 V, 95 Amp  
 Replacing: 2541951  
 Servicing: Citroen, Fiat, Peugeot  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 43.00 B: 27.30 C: 67.70 mm



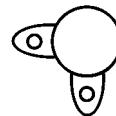
**112310** Alternator 14 V, 55 Amp  
 Replacing: 9AR2715F  
 Servicing: BMW, Volvo BM  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 74.00 B: 50.70 mm



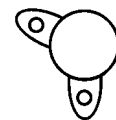
**112469** Alternator 14 V, 90 Amp  
 Replacing: 2542397, 2542297  
 Servicing: Citroen, Fiat, Peugeot, Toyota  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 42.50 B: 22.20 C: 45.60 mm



15 61E



**112472** Alternator 14 V, 100 Amp  
 Replacing: 2542265  
 Servicing: BMW, Land Rover, MG, Rover  
 B+ M8, Grooves 5, Pulley SP, Fan IF  
 A: 61.00 B: 28.00 C: 75.40 mm



**112480** Alternator 14 V, 90 Amp  
 Replacing: 2541971B  
 Servicing: Citroen, Fiat, Lancia, Peugeot  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 44.00 B: 22.00 C: 46.00 mm



**112679** Alternator 14 V, 110 Amp  
 Replacing: 2541982A  
 Servicing: Renault, Volvo  
 B+ M6, Terminal W, Grooves 6, Pulley SP, Fan IF  
 A: 46.50 B: 27.70 C: 66.30 mm



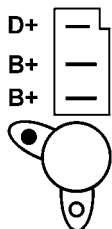
**113376** Alternator 14 V, 55 Amp  
 Replacing: 9AR2904L, 9AR2904K, 9AR2904  
 Servicing: Bedford, Lancia, Opel, Vauxhall  
 B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF  
 A: 76.60 B: 56.20 mm



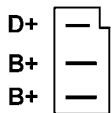
**113477** Alternator 28 V, 55 Amp  
 Replacing: 2940060  
 Servicing: DAF, Volvo, Volvo BM, Volvo Penta  
 B+ M6, Terminal W, Pulley w/o, Fan EF,  
 Insulated return  
 B: 50.80 mm



**113549** Alternator 28 V, 35 Amp  
 Replacing: 110-313  
 Servicing: Caterpillar  
 B+ 1/4" UNC, Pulley w/o, Fan EF,  
 Insulated return  
*D + = 3/16 W*  
 B: 27.20 mm



**113574** Alternator 14 V, 65 Amp  
 Replacing: 9AR2963L, 9AR2963, 9AR2919P,  
 9AR2919  
 Servicing: Case, New Holland, Valtra  
 B+ Plug, Terminal W, Grooves 1,  
 Pulley P, Fan EF  
 A: 36.85 B: 10.40 C: 83.00 mm



**113713** Alternator 14 V, 80 Amp  
 Replacing: 510-823  
 Servicing: Lister  
 B+ M6, Terminal W, Grooves 1,  
 Pulley P, Fan EF, Insulated return  
 A: 45.50 B: 11.20 C: 83.00 mm



**113739** Alternator 14 V, 130 Amp  
 Replacing: 110-800  
 Servicing: Caterpillar, Ford, International,  
 Various, Volvo  
 B+ M8, Pulley w/o, Fan EF  
*Rotor shaft 7/8" (22.23 mm).*  
 B: 13.00 C: 102.00 mm



**113898** Alternator 14 V, 185 Amp  
 Replacing: 8SC2023Z  
 Servicing: New Holland  
 B+ M8, Terminal W, Pulley w/o, Fan EF  
 B: 14.75 C: 101.70 mm


**110138** Alternator 14 V, 40 Amp

Replacing: 8AL2065K, 110-750

Servicing: Daihatsu, Honda, Mitsubishi, Toyota

B+ M6, Grooves 1, Pulley P, Fan EF

A: 42.50 B: 11.75 C: 75.75 mm

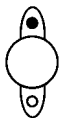

**110170** Alternator 14 V, 72 Amp

Replacing: 8MA2014PA, 8MA2014P, 8MA2010PA, 8MA2010P

Servicing: Ford

 B+ M6, Grooves 1, Pulley P, Fan EF  
 Regulator: HC-CARGO 131175.

A: 74.75 B: 51.25 mm


**110173** Alternator 28 V, 75 Amp

Replacing: 8SA3065P, 8SA3006P, 8SA3005P, 8LHA3073PS, 8LHA3071P, 8LHA3025R, 8LHA3025PA, 8LHA3025P, 8LHA2095R

Servicing: Clark, DAF

B+ M8, Pulley w/o, Fan EF, Insulated return

B: 14.50 C: 101.50 mm


**110175** Alternator 28 V, 100 Amp

Replacing: 8SC3019U, 8SC3015U, 8SC3014, 8SC3011U, 8SC3003U, 8SC3002U, 110-316, 110-302, 110-298, 110-183

Servicing: Volvo Penta

B+ M8, Terminal W, Pulley w/o, Fan EF, Insulated return

Fan: HC-CARGO 134317. Pulley: HC-CARGO 131176.

B: 14.75 C: 103.00 mm


**110176** Alternator 28 V, 175 Amp

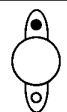
Replacing: 8SC3157V, 8SC3029Z, 8SC3014U, 8SC3009ZA, 8SC3009Z, 8SC3005V, 110-569, 110-258A, 110-258, 110-184

Servicing: Volvo Penta

B+ M8, Terminal W, Pulley w/o, Fan EF, Insulated return

Pulley: HC-CARGO 131176.

B: 14.75 C: 101.50 mm


**110177** Alternator 14 V, 51 Amp

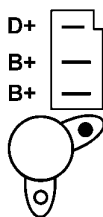
Replacing: 8HA2009K, 8HA2008FA, 8HA2008F, 110-543, 110-542, 110-304, 110-303

Servicing: Thermo King

B+ 1/4" UNC, Pulley w/o, Fan EF

Regulator: HC-CARGO 130679.

B: 27.25 mm


**110179** Alternator 14 V, 36 Amp

Replacing: 8HA2009KA

Servicing: Bedford, Case, Ford, Jaguar, Land Rover, LDV International, Lotus, Mercury, Triumph, Vauxhall

B+ 9.40, Pulley w/o, Fan EF

For pulley w/ 17.00 mm bore use bushing: HC-CARGO 134894.

B: 9.75 C: 88.00 mm


**110371** Alternator 14 V, 65 Amp

Replacing: 9AL2024L, 8MR2198LS, 8MR2129L, 8EM2013NA, 8EM2013N, 8EM2012NB, 8EM2012NAS, 8EM2012NA, 8EM2012N

Servicing: Carrier Transcold, Kubota

B+ M8, Terminal W, Grooves 1, Pulley P, Fan EF

With mounting kit.

B: 27.00 mm


**110408** Alternator 14 V, 35 Amp

Replacing: RA12N453, RA12N451, A12NTK452, A12NTK451, A12N451, 8SC4006U, 8MR2051FAS, 8MR2051FA, 8MR2051F

Servicing: American Motors, Jeep, Thermo King

B+ M6, Terminal W, Pulley w/o, Fan EF

B: 27.00 mm


**110422** Alternator 14 V, 30 Amp

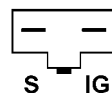
Replacing: TA12NJD400, TA12NJD325, TA12N400, TA12N327, TA12N325, 8TA2021E, 8TA2011, 8TA2010ES, 8TA2010E

Servicing: Thermo King

B+ M8, Pulley w/o, Fan EF

Regulator: HC-CARGO 132713.

B: 51.00 mm


**110445** Alternator 14 V, 90 Amp

Replacing: 8MR2035T, 110-244, 110-238

Servicing: John Deere

B+ M6, Pulley w/o, Fan EF

B: 51.00 mm


**110487** Alternator 14 V, 37 Amp

Replacing: 8MR2175F, 8EK2009FC, 8EK2009FB, 8EK2009FA, 8EK2008FB, 8EK2008FA, 8EK2006FB, 8EK2006FA, 8EK2004DC

Servicing: Thermo King

B+ 1/4" UNF, Pulley w/o, Fan EF

B: 27.00 mm

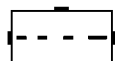

**110488** Alternator 14 V, 65 Amp

Replacing: 8MR2185L, 8EK2010NC, 8EK2010NB, 8EK2010NA, 8EK2007ND, 8EK2007NB, 8EK2007NA, 8EK2005NB, 8EK2005NA

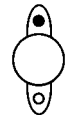
Servicing: Thermo King

B+ 1/4" UNF, Pulley w/o, Fan EF

B: 27.00 mm



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**110498** Alternator 14 V, 100/105 Amp

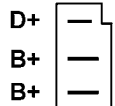
Replacing: 8AR2068F, 8AR2066FA

Servicing: Chevrolet, Pontiac

B+ M6, Grooves 5, Pulley SP, Fan EF

Replacing: CS130.

A: 74.00 B: 51.00 mm

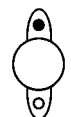

**110913** Alternator 14 V, 70 Amp

Replacing: 9BE2KA2A21

Servicing: Audi, VW

B+ 9.40, Pulley w/o, Fan w/o

B: 56.00 mm


**110937** Alternator 14 V, 200 Amp

Replacing: 8SC2010Z, 8SC2007ZR, 8SC2004Z, 8SA2022R, 8SA2017R, 8LHC2010Z, 8LHC2004Z, 110-268, 110-255, 110-254

Servicing: Cadillac, Caterpillar, International  
B+ M8, Terminal W, Pulley w/o, Fan EF, Insulated return

B: 15.00 C: 98.20 mm


**110959** Alternator 14 V, 55 Amp

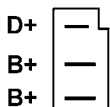
Replacing: 8MR2091KSS, 8MR2049KA, 8MR2049K, 8MR2044K, 8MR2039K, 8MR2036K, 8MR2024F, 8MR2023F, 8EM2017K

Servicing: Mercruiser, Mercury, OMC

B+ M8, Terminal W, Grooves 1, Pulley P, Fan EF

Purple wire = +15 Red wire = S (+)

A: 76.35 B: 50.70 mm


**110975** Alternator 14 V, 65 Amp

Replacing: 9FB2LD2A05

Servicing: Audi, Various Agriculture Vehicles, VW

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 82.85 B: 56.25 mm


**111487** Alternator 14 V, 160 Amp

Replacing: 10461101

Servicing: Various

B+ M8, Terminal W, Pulley w/o, Fan w/o, Insulated return  
Shaft 7/8" (22.23 mm).

B: 15.00 C: 98.50 mm


**111575** Alternator 14 V, 90 Amp

Replacing: 8MR2069T, 110-602, 110-402

Servicing: Various Industrial applications

B+ M6, Terminal W, Pulley w/o, Fan EF, Insulated return

With adjustable voltage regulator.

B: 51.00 mm


**111576** Alternator 14 V, 90 Amp

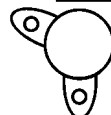
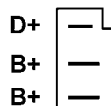
Replacing: 8MR2070T, 110-603, 110-403

Servicing: Mercury

B+ M6, Terminal W, Pulley w/o, Fan EF, Insulated return

With adjustable regulator. Rotor shaft 5/8".

B: 27.20 mm

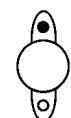

**111652** Alternator 14 V, 65 Amp

Replacing: 9JG2N02F45, 9FE2NF2A37, 9FE2NC2A

Servicing: Audi, VW

B+ Plug, Grooves 1, Pulley P, Fan EF

A: 108.50 B: 56.00 mm


**111736** Alternator 14 V, 90 Amp

Replacing: 8MR2033T, 110-252

Servicing: Massey Ferguson, Volvo

B+ 1/4" UNC, Pulley w/o, Fan EF

B: 51.00 mm


**111761** Alternator 14 V, 105 Amp

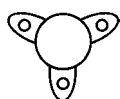
Replacing: 8MR2401UA, 8MR2401U, 110-567, 110-534

Servicing: Various

B+ 1/4" UNC, Terminal W, Pulley w/o, Fan EF, Insulated return

With adjustable regulator.

B: 27.20 mm


**112159** Alternator 28 V, 80 Amp

Replacing: MDA3920

Servicing: DAF, MAN, Mercedes-Benz, Renault V.I.

B+ M8, Terminal W, Pulley w/o, Fan EF

B: 80.40 mm


**112294** Alternator 28 V, 110 Amp

Replacing: 8LHA3096UC, 8LHA3096U, 110-459

Servicing: Caterpillar

B+ M8, Terminal W, Pulley w/o, Fan EF, Insulated return

B: 14.50 C: 101.50 mm


**113548<sup>#</sup>** Alternator 14 V, 90 Amp

Replacing: 8MA2015TA, 8MA2015T

Servicing: Various Industrial applications

B+ M8, Grooves 1, Pulley P, Fan EF

A: 75.00 B: 51.00 mm


**113549** Alternator 28 V, 35 Amp

Replacing: 8HC3025F, 8HC3022FS, 8HC3022F, 110-285

Servicing: Caterpillar

B+ 1/4" UNC, Pulley w/o, Fan EF,

Insulated return

D + = 3/16 W

B: 27.20 mm


**113739** Alternator 14 V, 130 Amp

Replacing: 8LHA2070VB, 8LHA2070VA, 8LHA2070V, 110-555

Servicing: Caterpillar, Ford, International, Various, Volvo

B+ M8, Pulley w/o, Fan EF

Rotor shaft 7/8" (22.23 mm).

B: 13.00 C: 102.00 mm

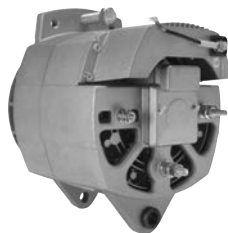

**113898** Alternator 14 V, 185 Amp

Replacing: 8SC2282VG, 110-565

Servicing: New Holland

B+ M8, Terminal W, Pulley w/o, Fan EF

B: 14.75 C: 101.70 mm


**114347** Alternator 28 V, 150 Amp

Replacing: 8SC3068VC, 8SC3068V, 110-431

Servicing: Caterpillar, Cummins

B+ 5/16" UNC, Pulley w/o, Fan EF

B: 14.50 C: 102.00 mm


**114348** Alternator 28 V, 150 Amp

Replacing: 8SC3110VC, 8SC3110V, 110-568

Servicing: Thermo King

B+ 5/16" UNC, Pulley w/o

For battery less system

B: 13.00 C: 102.20 mm

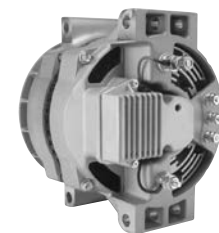

**114349** Alternator 28 V, 150 Amp

Replacing: 8SC3238VC

Servicing: Cummins, Xichai-Fawd

B+ 5/16" UNC, Pulley w/o

B: 14.00 C: 101.00 mm


**114430** Alternator 14 V, 175 Amp

Replacing: 8LHP2276V, 110-775P

Servicing: Freightliner

B+ 5/16" UNF, Pulley w/o, Fan EF, Insulated return

B: 80.00 mm



**110562** Alternator 28 V, 25 Amp

Replacing: 0-33000-6511, 0-33000-5870, 0-33000-5860, 0-33000-5280, 0-33000-3070, 0-33000-2860

Servicing: Komatsu

B+ M5, Grooves 1, Pulley P, Fan EF

A: 62.55 B: 12.05 C: 71.00 mm



**110657** Alternator 28 V, 40 Amp

Replacing: 0-33000-6580, 0-33000-6510, 0-33000-5880, 0-33000-5850, 0-33000-5840

Servicing: Komatsu

B+ M5, Grooves 2, Pulley DP, Fan EF

A: 62.75 B: 12.25 C: 68.80 mm



**110800**<sup>#</sup> Alternator 28 V, 13 Amp

Replacing: 0-33000-3500, 0-33000-3450, 0-33000-2290, 0-33000-2281, 0-33000-2280, 0-33000-2200

Servicing: Komatsu

B+ M5, Grooves 2, Pulley DP, Fan EF

A: 62.85 B: 15.80 C: 68.35 mm



**111051** Alternator 28 V, 25 Amp

Replacing: 0-33000-6000, 0-33000-3760, 0-33000-3700

Servicing: Isuzu, Komatsu

B+ M5, Grooves 2, Pulley DP, Fan EF

A: 60.00 B: 16.15 C: 70.35 mm



**112160** Alternator 28 V, 75 Amp

Replacing: 0-35000-0480, 0-35000-0471, 0-35000-0461, 0-35000-0460, 0-35000-0392, 0-35000-0391, 0-35000-0390

Servicing: Cummins, John Deere, Komatsu, New Holland, Timberjack, Vauxhall

B+ M6, Pulley w/o, Fan EF

Replacing: 21SI. One wire system.

B: 14.25 C: 101.50 mm



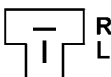
**112168**<sup>#</sup> Alternator 28 V, 30 Amp

Replacing: 0-33000-6542, 0-33000-6541, 0-33000-6540

Servicing: Isuzu

B+ M5, Grooves 1, Pulley P, Fan EF

A: 44.50 B: 12.00 C: 81.00 mm



**113212** Alternator 28 V, 20 Amp

Replacing: 0-33000-6250, 0-33000-5700, 0-33000-5670, 0-33000-5510

Servicing: Mitsubishi

B+ M5, Grooves 1, Pulley P, Fan EF

A: 44.50 B: 13.50 C: 81.50 mm



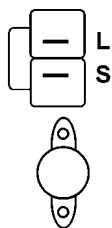
**113386**<sup>#</sup> Alternator 28 V, 30 Amp

Replacing: 0-33000-6552, 0-33000-6551, 0-33000-6550

Servicing: Isuzu

B+ M5, Grooves 2, Pulley DP, Fan EF

A: 60.00 B: 16.00 C: 68.40 mm

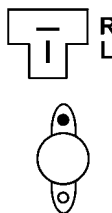

**112334** Alternator 14 V, 75 Amp

Replacing: 02131-9040

Servicing: Kia

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 46.00 B: 13.00 C: 80.00 mm

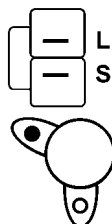

**112506** Alternator 14 V, 60 Amp

Replacing: 02121-8073, 02121-8072, 02121-8071, 02121-8070, 02121-8027, 02121-8026, 02121-8025

Servicing: Kia

B+ M6, Grooves 1, Pulley P, Fan EF

A: 51.00 B: 13.00 C: 80.20 mm

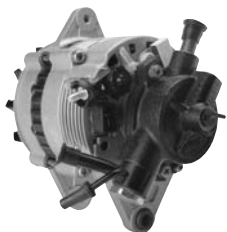

**113328** Alternator 14 V, 120 Amp

Replacing: 02131-9311, 02131-9310, 02131-9113, 02131-9112, 02131-9111, 02131-9110

Servicing: Hyundai, Kia

B+ M8, Grooves 6, Pulley SP/FW, Fan IF

A: 102.50 B: 63.70 mm


**113903** Alternator 14 V, 60 Amp

Replacing: 37300-2W001, 37300-2W000, 02121-8074

Servicing: Kia

B+ M6, Grooves 2, Pulley DP, Fan EF

A: 46.50 B: 13.00 C: 80.60 mm

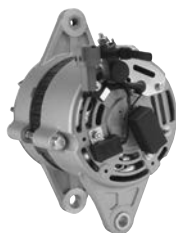

**114287** Alternator 14 V, 110 Amp

Replacing: 02131-9212

Servicing: Hyundai, Kia

B+ M8, Grooves 7, Pulley SP/FW, Fan IF

A: 43.00 B: 28.00 C: 54.30 mm

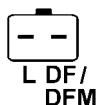

**114414** Alternator 28 V, 55 Amp

Replacing: 02142-5070

Servicing: Hino, Nissan

B+ M6, Grooves 2, Pulley DP

A: 49.90 B: 14.20 C: 89.90 mm

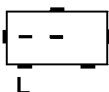

**114509** Alternator 14 V, 150 Amp

Replacing: 02131-9261

Servicing: Hyundai, Nissan, Opel, Renault, Vauxhall

B+ M8, Pulley w/o, Fan IF

B: 14.00 C: 61.00 mm


**114662** Alternator 14 V, 120 Amp

Replacing: 02131-9221

Servicing: Kia

B+ M8, Grooves 5, Pulley SP/FW, Fan IF

A: 46.50 B: 22.00 C: 53.00 mm

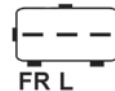

**114766** Alternator 14 V, 60 Amp

Replacing: 02121-9021

Servicing: Kia

B+ M6, Grooves 1, Pulley SP, Fan EF

A: 47.00 C: 80.00 mm

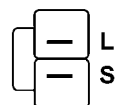

**114827** Alternator 14 V, 120 Amp

Replacing: 02131-9131, 02131-9130

Servicing: Hyundai, Kia

B+ M8, Grooves 6, Pulley SP/FW, Fan IF

A: 43.00 B: 20.00 C: 55.50 mm


 NEW PRODUCT  
[www.hc-cargo.com](http://www.hc-cargo.com)
**115409\*** Alternator 14 V, 120 Amp

Replacing: 02131-9262

Servicing: Hyundai, Kia

Grooves 6, Pulley SP/FW, Fan IF




**110043<sup>#</sup>** Alternator 28 V, 45 Amp

Replacing: 860177

Servicing: Hanomag, Pegaso, Renault V.I., Scania

B+ M6, Terminal W, Pulley w/o, Fan w/o

B: 80.00 mm


**110173** Alternator 28 V, 75 Amp

Replacing: 860053

Servicing: Clark, DAF

B+ M8, Pulley w/o, Fan EF, Insulated return

B: 14.50 C: 101.50 mm


**110175** Alternator 28 V, 100 Amp

Replacing: 8SC3133U

Servicing: Volvo Penta

B+ M8, Terminal W, Pulley w/o, Fan EF, Insulated return

Fan: HC-CARGO 134317. Pulley: HC-CARGO 131176.

B: 14.75 C: 103.00 mm


**110408** Alternator 14 V, 35 Amp

Replacing: 8AL2026F, 8AL2025F, 8AL2014F

Servicing: American Motors, Jeep, Thermo King

B+ M6, Terminal W, Pulley w/o, Fan EF

B: 27.00 mm

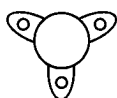

**110427** Alternator 28 V, 22 Amp

Replacing: ANB7004, ANB7003, ANB7002, ANB7001, ANB6004, ANB6002, ANB6001, 51-212, 51-178

Servicing: Case, Caterpillar

B+ M12, Grooves 2, Pulley DP, Fan w/o

A: 83.30 B: 15.50 C: 102.19 mm

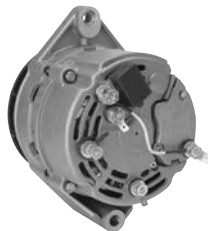

**110895** Alternator 28 V, 55 Amp

Replacing: AELB697, 859232

Servicing: DAF, Kässbohrer, MAN, Mercedes-Benz, Ssangyong

B+ M8, Terminal W, Pulley w/o, Fan EF

B: 80.00 mm


**111295** Alternator 28 V, 55 Amp

Replacing: 859327

Servicing: Cummins, Perkins

B+ M5, Terminal W, Pulley w/o, Fan EF, Insulated return

Shaft dia. 19.00 mm.

B: 76.25 mm


**111808<sup>#</sup>** Alternator 28 V, 120 Amp

Replacing: 1285515

Servicing: Volvo

B+ M10, Terminal W, Pulley w/o, Fan EF

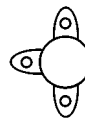

**111860<sup>#</sup>** Alternator 14 V, 90 Amp

Replacing: 46-2415

Servicing: Fiat, Lancia

B+ M8, Grooves 5, Pulley SP, Fan EF

A: 56.00 B: 17.00 C: 63.30 mm


**111886** Alternator 28 V, 65 Amp

Replacing: 860557

Servicing: Scania

B+ M8, Terminal W, Pulley w/o, Fan w/o

B: 23.25 C: 68.70 mm

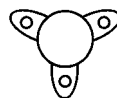

**112097** Alternator 28 V, 30 Amp

Replacing: 860141

Servicing: Allis Chalmers, Astra, Fahr, Iveco, Laverda

B+ M6, Grooves 1, Pulley P, Fan w/o

A: 45.00 B: 17.00 C: 63.00 mm

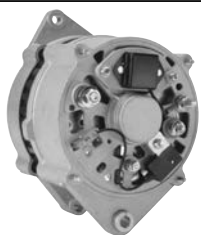

**112159** Alternator 28 V, 80 Amp

Replacing: 110-872

Servicing: DAF, MAN, Mercedes-Benz, Renault V.I.

B+ M8, Terminal W, Pulley w/o, Fan EF

B: 80.40 mm


**112189** Alternator 28 V, 80 Amp

Replacing: 860561

Servicing: Renault V.I.

B+ M8, Terminal W, Pulley w/o, Fan EF, Insulated return

B: 27.00 C: 76.25 mm

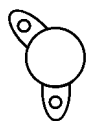

**112343** Alternator 28 V, 140 Amp

Replacing: 1277700

Servicing: Renault V.I., Volvo

 B+ M8, Terminal W, Pulley w/o, Fan EF  
 B- M8. Shaft 30 mm.

B: 15.30 C: 182.00 mm

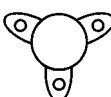
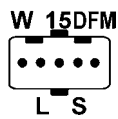

**112345** Alternator 28 V, 55 Amp

Replacing: 858884

Servicing: Volvo

B+ M8, Terminal W, Pulley w/o, Fan w/o

B: 51.50 mm


**113284** Alternator 28 V, 100 Amp

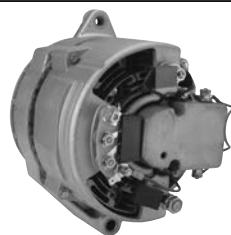
Replacing: 860809

Servicing: DAF, Peugeot

B+ M8, Terminal W, Pulley w/o, Fan IF

Alternative no.: 115491

B: 80.50 mm

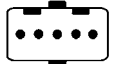

**113342<sup>#</sup>** Alternator 28 V, 95 Amp

Replacing: 8LHA3159R, 859371Z, 859371

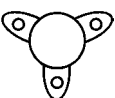
Servicing: Sabre

B+ M8, Pulley w/o, Fan EF

B: 76.20 mm

**W 15DFM**


L S


**113351** Alternator 28 V, 100 Amp

Replacing: 860807

Servicing: Mercedes-Benz

B+ M8, Terminal W, Pulley w/o, Fan IF

B: 80.00 mm

**W 15DFM**


L S


**114212** Alternator 28 V, 110 Amp

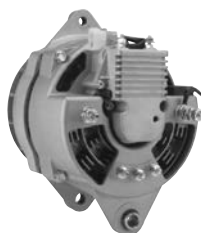
Replacing: 860804

Servicing: Renault V.I., Volvo

B+ M8, Pulley w/o, Fan IF

Alternative no.: 115488

B: 17.50 C: 106.00 mm


**114374** Alternator 28 V, 110 Amp

Replacing: JFZ2110A2

Servicing: Cummins

B+ 3/16" UNF, Grooves 2, Pulley DP

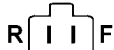
A: 50.00 B: 16.20 C: 101.20 mm



**110043<sup>#</sup>** Alternator 28 V, 45 Amp

Replacing: 19025075

Servicing: Hanomag, Pegaso, Renault V.I., Scania  
B+ M6, Terminal W, Pulley w/o, Fan w/o  
B: 80.00 mm



**110075** Alternator 14 V, 60 Amp

Replacing: 1102945, 1102944, 1102370, 1100951, 1100944, 1100943, 1100939, 1100933, 1100932, 1100931, 1100921

Servicing: American Motors, Buick, Cadillac, Chevrolet, Fiat-Allis, GMC, International, Jeep, Oldsmobile, Pontiac

B+ M6, Grooves 1, Pulley P, Fan EF  
As HC-CARGO 110215 (90 A). Regulator: HC-CARGO 130505.

A: 75.00 B: 51.00 mm

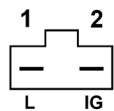


**110112** Alternator 28 V, 40 Amp

Replacing: 19025074

Servicing: Volvo, Volvo Penta

B+ M6, Terminal W, Pulley w/o, Fan w/o  
B: 51.00 mm



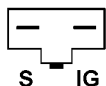
**110233** Alternator 14 V, 63 Amp

Replacing: 1979867, 1979866, 1979865, 1979863, 1979862, 1979861, 1979860, 19020501, 1105649, 1105632, 1105365

Servicing: American Motors, Buick, Cadillac, Chevrolet, GMC, International, Jeep, Oldsmobile, Pontiac

B+ M6, Grooves 1, Pulley P, Fan EF  
Replacing: 10SI.

A: 75.00 B: 51.00 mm



**110234<sup>#</sup>** Alternator 14 V, 80 Amp

Replacing: 1105693, 11056709, 1105578, 1101434, 1101090, 1101073, 1101064, 1101063, 1101062, 1101061, 1101060

Servicing: Buick, Cadillac, Chevrolet, GMC, Oldsmobile, Pontiac

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

Replacing: 27SI.

B: 20.50 C: 69.00 mm



**110235** Alternator 14 V, 80 Amp

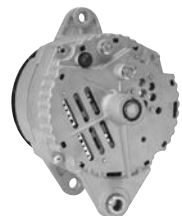
Replacing: 1105552, 1105512, 1105433, 1105415, 1105347, 1105346, 1105343, 1105342, 1105339, 1105335, 1105333

Servicing: American Motors, Buick, Cadillac, Chevrolet, Fiat, GMC, Jeep, Oldsmobile, Pontiac

B+ M6, Pulley w/o, Fan w/o

Replacing: 15SI.

B: 50.70 mm



**110300** Alternator 28 V, 65 Amp

Replacing: 321-654, 1105476, 1105475, 1105474, 1100274, 1100211, 1100093, 1100077, 10463160

Servicing: Case, International

B+ M6, Terminal W, Pulley w/o, Fan EF

Replacing: 27SI. Shaft dia. 22.00 mm. Fan: HC-CARGO 131854.

B: 11.90 C: 103.00 mm



**110325<sup>#</sup>** Alternator 14 V, 18 Amp

Replacing: 1105076, 1105063, 1103190, 1103134, 1102871, 1100499, 1100092

Servicing: Bobcat, Various Agriculture Vehicles

B+ M6, Pulley w/o, Fan w/o

Replacing: 10SI.

B: 50.90 mm



**110349** Alternator 14 V, 55 Amp

Replacing: 19025771

Servicing: Lada

B+ M6, Grooves 1, Pulley P, Fan EF  
Regulator: HC-CARGO 130613.

A: 44.50 B: 18.50 C: 61.50 mm



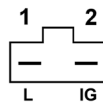
**110350** Alternator 14 V, 44 Amp

Replacing: 19025772

Servicing: Fiat, Lada

B+ M6, Grooves 1, Pulley P, Fan EF

A: 46.50 B: 19.50 C: 60.50 mm



**110471** Alternator 14 V, 94 Amp

Replacing: 1105654, 1105651, 1105630, 1105629, 1105604, 1105602, 1105592, 1105582, 1105581, 1105572, 1105569

Servicing: American Motors, Buick, Cadillac, Chevrolet, GMC, Jeep, Oldsmobile, Pontiac

B+ M6, Grooves 1, Pulley P, Fan EF

Replacing: 12SI.

B: 51.00 mm



**110492** Alternator 14 V, 108 Amp

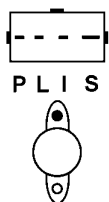
Replacing: 1105681, 1105639, 1105587, 1105571, 1105570, 1105553, 1105549, 1105515, 1105513, 1105509, 1105497

Servicing: Buick, Chevrolet, GMC, Oldsmobile, Pontiac

B+ M6, Grooves 1, Pulley P, Fan EF

Replacing: 17SI.

A: 74.50 B: 50.50 mm

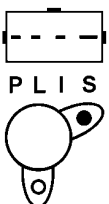

**110498** Alternator 14 V, 100/105 Amp

Replacing: 1101141, 1101138, 1101137, 10480085, 10463015, 10463012, 10463011

Servicing: Chevrolet, Pontiac

 B+ M6, Grooves 5, Pulley SP, Fan EF  
 Replacing: CS130.

A: 74.00 B: 51.00 mm

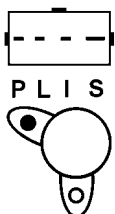

**110499** Alternator 14 V, 100/105 Amp

Replacing: 1102601, 1102600, 1101822, 1101810, 1101596, 1101595, 1101593, 1101583, 1101278, 1101277, 1101231

Servicing: Buick, Cadillac, Chevrolet, GMC, Oldsmobile, Pontiac

 B+ M6, Grooves 6, Pulley SP, Fan EF  
 Replacing: CS130.

A: 72.80 B: 51.00 mm

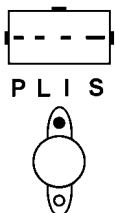

**110500** Alternator 14 V, 100/105 Amp

Replacing: 10480104, 10480097, 10480028

Servicing: AM General, Buick, Chevrolet, GMC, Oldsmobile

B+ M6, Pulley w/o, Fan EF

B: 51.00 mm


**110502** Alternator 14 V, 100/105 Amp

Replacing: 1105678, 1105677, 1101806, 10497145, 10497122, 10480088, 10463419

Servicing: Buick, Chevrolet, GMC, Jeep, Oldsmobile, Pontiac

 B+ M6, Grooves 6, Pulley SP, Fan EF  
 Replacing: CS130.

A: 73.00 B: 50.50 mm


**110503** Alternator 14 V, 100/105 Amp

Replacing: 1105701, 1105697, 1102614, 1101605, 1101461, 10479963, 10479815, 10463264, 10463175, 10463114

Servicing: Buick, Chevrolet, Pontiac

 B+ M6, Grooves 5, Pulley SP, Fan EF  
 Replacing: CS130.

A: 72.50 B: 51.00 mm

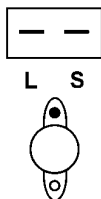

**110504** Alternator 14 V, 90 Amp

Replacing: 1105073, 1102875, 1100589

Servicing: Buick, Case, Chevrolet, Fiat-Allis, International, Jeep

 B+ M6, Terminal W, Pulley w/o, Fan EF  
 Same as HC-CARGO 110505 (75 A).

B: 51.00 mm

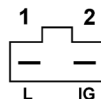

**110505** Alternator 14 V, 75 Amp

Replacing: 1105686, 1105645, 1105619, 1105584, 1105574, 1105573, 1105559, 1105558, 1105556, 1105522, 1105520

Servicing: American Motors, Buick, Cadillac, Chevrolet, GMC, International, Jeep, Oldsmobile, Pontiac

 B+ M6, Terminal W, Pulley w/o, Fan w/o  
 Replacing: CS130. As HC-CARGO 110504 (90 A).

B: 50.50 mm


**110508** Alternator 14 V, 78 Amp

Replacing: 321-1015, 1979859, 1979858, 1979857, 1105708, 1105707, 1105706, 1105705, 1105704, 1105703, 1105692

Servicing: American Motors, Buick, Cadillac, Case, Chevrolet, GMC, Jeep, Oldsmobile, Pontiac

 B+ M6, Grooves 1, Pulley P, Fan EF  
 Replacing: 12SI.

A: 77.00 B: 50.50 mm


**110544** Alternator 28 V, 125 Amp

Replacing: 19025347, 19025304

Servicing: Ikarus

 B+ M8, Terminal W, Grooves 2,  
 Pulley DP, Fan EF  
 Saddle mounting.

**110591** Alternator 28 V, 75 Amp

Replacing: 321-697, 321-655, 19010024, 19010008, 19010002, 19010000, 1117648, 1117256, 1117249, 1117238

Servicing: Caterpillar, Various Agriculture Vehicles

 B+ 7/16" UNC, Pulley w/o, Fan EF  
 Replacing: 25SI. One wire system. B+ 7/16".

B: 14.10 C: 101.50 mm


**110611** Alternator 14 V, 44 Amp

Replacing: 19025037

Servicing: Allis Chalmers, Fiat, Seat

 B+ M6, Grooves 1, Pulley P, Fan EF  
 Regulator: HC-CARGO 130613.

A: 46.00 B: 17.00 C: 61.00 mm

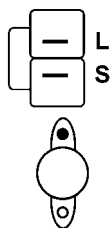

**110612<sup>#</sup>** Alternator 14 V, 43 Amp

Replacing: 19025786, 19025761, 19025066

Servicing: Bertone, Fiat, Lancia, Zastava

B+ M6, Grooves 1, Pulley P, Fan EF

A: 52.45 B: 23.15 C: 73.00 mm

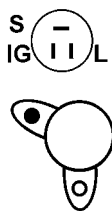


**110659** Alternator 14 V, 75 Amp

Replacing: 10463728

Servicing: Dodge, Eagle, Hyundai, Mitsubishi, Plymouth

B+ M6, Grooves 4, Pulley SP, Fan IF  
A: 38.15 B: 13.00 C: 55.00 mm

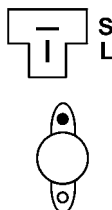


**110682** Alternator 14 V, 70 Amp

Replacing: 321-523, 10479805, 10463267

Servicing: GEO, Toyota

B+ M6, Grooves 5, Pulley SP, Fan IF  
A: 89.70 B: 58.00 mm

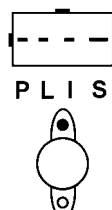


**110703** Alternator 14 V, 55 Amp

Replacing: 10463734

Servicing: Nissan, Subaru

B+ M5, Grooves 1, Pulley P, Fan EF  
A: 42.66 B: 13.00 C: 80.25 mm



**110724** Alternator 14 V, 61/74 Amp

Replacing: 321-409, 1102615, 1101483, 1101291, 1101176, 10479916, 10465016, 10463118

Servicing: Buick, Jeep

B+ M6, Pulley w/o, Fan EF  
Replacing: CS121.

B: 51.00 mm



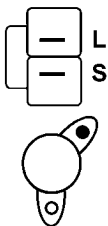
**110801** Alternator 28 V, 45 Amp

Replacing: 321-665, 321-660, 1117655, 1117650, 1117647, 1117645, 1117644, 1117643, 1117642, 1117640, 1117623

Servicing: Atlas Copco, Case, Caterpillar, Cummins, Fiat-Allis, International

B+ 1/4" UNF, Terminal W, Pulley w/o, Fan EF

B: 14.80 C: 100.00 mm



**110802** Alternator 14 V, 75 Amp

Replacing: 10463807

Servicing: Dodge, Eagle, Hyundai, Mitsubishi, Plymouth

B+ M6, Grooves 4, Pulley SP, Fan IF  
A: 35.00 B: 13.25 C: 77.60 mm



**110890** Alternator 14 V, 55 Amp

Replacing: 19025046

Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Same

B+ M6, Grooves 1, Pulley P, Fan w/o  
A: 49.00 B: 17.00 C: 63.00 mm

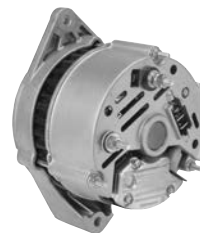
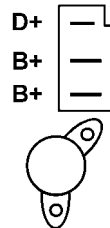


**110912** Alternator 14 V, 55 Amp

Replacing: 19025067, 19025056, 19025049

Servicing: Alfa Romeo, Ferrari, Fiat, Fiat-Allis, Lancia, Seat

B+ M6, Grooves 1, Pulley P, Fan EF  
A: 44.50 B: 16.40 C: 66.00 mm



**110913** Alternator 14 V, 70 Amp

Replacing: 19025071

Servicing: Audi, VW

B+ 9.40, Pulley w/o, Fan w/o  
B: 56.00 mm

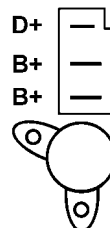


**110914<sup>#</sup>** Alternator 14 V, 45 Amp

Replacing: 3472220, 3472206, 3472065, 3472053, 220, 206, 065, 053

Servicing: Opel, Vauxhall

B+ M6, Grooves 1, Pulley P, Fan EF  
A: 86.00 B: 56.00 mm



**110923** Alternator 14 V, 55 Amp

Replacing: 19025069

Servicing: Mercedes-Benz

B+ Plug, Grooves 6, Pulley SP, Fan EF  
A: 92.00 B: 56.00 mm



**110937** Alternator 14 V, 200 Amp

Replacing: 1117743, 1117735, 1117164, 1117160, 1117148, 1117147, 10459016

Servicing: Cadillac, Caterpillar, International  
B+ M8, Terminal W, Pulley w/o, Fan EF, Insulated return

B: 15.00 C: 98.20 mm


**110952** Alternator 28 V, 40 Amp

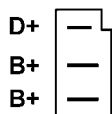
Replacing: 1105537, 1105510, 1103123, 1103031, 1102919, 1102918, 1101204

Servicing: Case, Fiat-Allis

B+ M5, Terminal W, Grooves 1, Pulley P, Fan EF

Replacing: 10SI.

A: 75.55 B: 50.70 mm

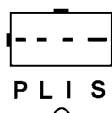

**110972** Alternator 14 V, 65 Amp

Replacing: 3472068, 3472067, 3472052, 3472050, 3471214, 068, 067, 052, 050

Servicing: Opel, Various Agriculture Vehicles, Vauxhall

B+ Plug, Grooves 1, Pulley P, Fan EF

A: 87.90 B: 56.00 mm


**110984** Alternator 14 V, 100/105 Amp

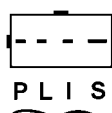
Replacing: 321-431, 1105689, 1105661, 1102631, 1102630, 1102629, 1101814, 1101636, 1101635, 1101634, 1101571

Servicing: Buick, Chevrolet, GMC

B+ M6, Grooves 6, Pulley SP, Fan EF

Replacing: CS130.

A: 73.00 B: 50.75 mm


**110985** Alternator 14 V, 100/105 Amp

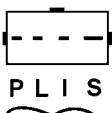
Replacing: 1101255, 1101254, 1101253, 10463099

Servicing: Chevrolet, GMC, Pontiac

B+ 6.00, Grooves 6, Pulley SP, Fan EF

Replacing: CS130.

A: 73.00 B: 50.85 mm


**110986** Alternator 14 V, 100/105 Amp

Replacing: 1101170, 1101167, 10463041, 10463037, 10463036, 10463035

Servicing: Jeep, MG

B+ M6, Grooves 6, Pulley SP, Fan EF

Replacing: CS130.

A: 73.00 B: 50.80 mm


**111032#** Alternator 14 V, 50 Amp

Replacing: 19025799

Servicing: Fiat

B+ M6, Grooves 1, Pulley P, Fan EF

A: 55.85 B: 27.10 C: 69.60 mm

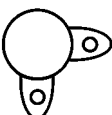

**111035** Alternator 14 V, 65 Amp

Replacing: 19025789, 19025787, 19025051

Servicing: Audi, Autobianchi, Case, Fiat, Innocenti, Lancia, VW, Zastava

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 51.25 B: 22.00 C: 73.00 mm

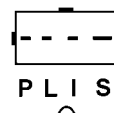

**111036** Alternator 14 V, 45 Amp

Replacing: 19025791

Servicing: Autobianchi, Fiat, Lancia

B+ M6, Grooves 1, Pulley P, Fan EF

A: 56.80 B: 32.25 mm


**111090** Alternator 14 V, 105 Amp

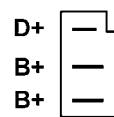
Replacing: 1101843, 1101601, 1101264, 1101127, 10463007

Servicing: Chevrolet, GMC, Oldsmobile

B+ M6, Pulley w/o, Fan EF

Replacing: CS130.

B: 51.00 mm

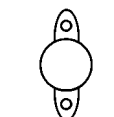

**111093** Alternator 14 V, 70 Amp

Replacing: 19025070

Servicing: Mercedes-Benz

B+ Plug, Grooves 6, Pulley SP, Fan EF

A: 92.00 B: 56.00 mm

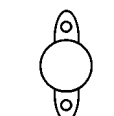

**111138** Alternator 14 V, 45 Amp

Replacing: 19025045

Servicing: Fiat, Lancia, Seat

B+ M6, Grooves 1, Pulley P, Fan EF

A: 46.35 B: 17.00 C: 63.00 mm


**111166** Alternator 14 V, 70 Amp

Replacing: 739, 716, 714, 706, 639, 606, 604, 3493739, 3493716, 3493714, 3493639, 3493606, 3493604, 3493239

Servicing: Albin, Bedford, Lancia, Opel, Vauxhall

B+ M6, Grooves 1, Pulley P, Fan EF

A: 77.00 B: 56.00 mm


**111168** Alternator 14 V, 55 Amp

Replacing: 719, 619, 3493719, 3493619, 3472208, 3472066, 3472051, 208, 066, 051

Servicing: Ferrari, Opel, Vauxhall

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 84.00 B: 56.00 mm


**111169** Alternator 14 V, 70 Amp

Replacing: 621, 3493721, 3493621, 3493220, 3472121, 3472120, 220, 121, 120, 1101551

Servicing: Opel, Vauxhall

B+ M6, Grooves 1, Pulley P, Fan EF

A: 85.00 B: 56.00 mm

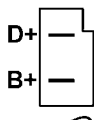

**111178** Alternator 14 V, 70 Amp

Replacing: 734, 634, 3493734, 3493634, 3493234, 3472134, 234, 134

Servicing: Bedford, Land Rover, Opel, Vauxhall

B+ M6, Grooves 1, Pulley P, Fan EF

A: 76.85 B: 56.00 mm

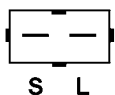

**111180** Alternator 14 V, 33 Amp

Replacing: 19025063, 19025042

Servicing: Fiat, Fiat-Allis, Lamborghini, Same, Zastava

B+ 9.40, Grooves 1, Pulley P, Fan EF

A: 49.00 B: 25.00 C: 74.00 mm

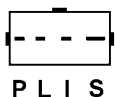

**111216** Alternator 14 V, 37 Amp

Replacing: 19020507

Servicing: Thermo King

B+ M6, Terminal W, Pulley w/o, Fan EF

B: 51.00 mm


**111220** Alternator 14 V, 105 Amp

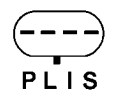
Replacing: 1102607, 10479962, 10463214

Servicing: Buick, Chevrolet, Ford, Oldsmobile, Pontiac

B+ M6, Grooves 6, Pulley SP, Fan EF, Not Insulated return

Replacing: CS130.

A: 72.62 B: 51.00 mm


**111223** Alternator 14 V, 105 Amp

Replacing: 10480252, 10480190, 10480189, 10480072, 10480017, 10479991, 10463443, 10463408

Servicing: Chevrolet, GMC

B+ M8, Grooves 6, Pulley SP, Fan IF

Replacing: CS130D.

A: 73.00 B: 51.00 mm


**111232** Alternator 14 V, 115 Amp

Replacing: 19010212, 19010192, 19010189, 19010179, 19010176, 19010175, 19010174, 19010173, 19010172, 19010171

Servicing: International, Volvo

B+ 1/4" UNF, Terminal W, Pulley w/o, Fan EF

Replacing: 21SI. One wire system. B+ 1/4".

B: 14.30 C: 101.80 mm


**111250** Alternator 14 V, 42 Amp

Replacing: 1105478, 1102496, 1102393, 1100915, 1100914, 1100912, 1100894, 1100577, 1100576

Servicing: Crusader, Mercruiser, OMC

B+ M6, Grooves 1, Pulley P, Fan EF

Replacing: 10SI. One wire system.

A: 74.95 B: 50.45 mm

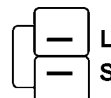

**111261** Alternator 28 V, 50 Amp

Replacing: 321-698, 321-602, 19010020, 19010006, 19010001, 1117258, 1117253, 1117250, 1117248, 1117243

Servicing: Caterpillar

B+ 7/16" UNC, Pulley w/o, Fan EF

B: 14.10 C: 102.00 mm


**111264** Alternator 14 V, 80 Amp

Replacing: 10464158

Servicing: Infiniti, Nissan

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 37.85 B: 25.45 C: 81.15 mm

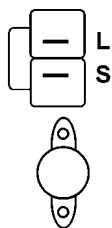

**111285** Alternator 14 V, 70 Amp

Replacing: 10464174

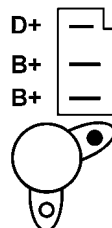
Servicing: Honda

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 90.00 B: 57.80 mm



**111315** Alternator 14 V, 90 Amp  
 Replacing: 10464165  
 Servicing: Ford, Mazda  
 B+ M8, Grooves 5, Pulley SP, Fan IF  
 A: 37.65 B: 13.20 C: 66.45 mm



**111364** Alternator 14 V, 55 Amp  
 Replacing: 3472021  
 Servicing: Ford, Rover  
 B+ M6-6.30, Terminal W, Grooves 1, Pulley P, Fan EF  
 A: 35.50 B: 12.50 C: 81.00 mm



**111388** Alternator 14 V, 100/105 Amp  
 Replacing: 1105698, 1105694, 1101987, 1101846, 1101832, 1101697, 1101696, 1101694, 1101612, 10480137, 10480136  
 Servicing: Buick, Chevrolet, Oldsmobile, Pontiac  
 B+ M6, Grooves 6, Pulley SP, Fan EF  
 Replacing: CS130.  
 A: 73.00 B: 51.00 mm



**111406** Alternator 14 V, 110 Amp  
 Replacing: 10463820  
 Servicing: Dodge, Hyundai, Mitsubishi  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 23.50 B: 17.25 C: 55.40 mm



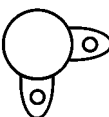
**111418** Alternator 14 V, 60 Amp  
 Replacing: 19025068  
 Servicing: Alfa Romeo, Fiat, Iveco  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 49.00 B: 17.00 C: 66.00 mm



**111426** Alternator 14 V, 100 Amp  
 Replacing: 923, 824, 823, 409, 384, 3493927, 3493923, 3493824, 3493823, 3493409, 10480384, 10480222, 10479923  
 Servicing: Isuzu, Opel, Vauxhall  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 51.00 B: 33.75 C: 56.00 mm



**111514** Alternator 14 V, 100 Amp  
 Replacing: 955, 914, 855, 814, 455, 454, 3493955, 3493914, 3493855, 3493815, 3493814, 3493455, 3493454  
 Servicing: Opel, Saab, Vauxhall  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 52.00 B: 34.00 C: 56.00 mm



**111621** Alternator 14 V, 55 Amp  
 Replacing: 19025076  
 Servicing: Autobianchi, Fiat, Lancia  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 57.50 B: 32.30 mm



**111647** Alternator 28 V, 60 Amp  
 Replacing: 390087, 2191166  
 Servicing: Cummins, John Deere, Komatsu, New Holland, Timberjack  
 B+ M6, Pulley w/o, Fan EF  
 B: 15.00 C: 102.00 mm



**111654** Alternator 14 V, 65 Amp  
 Replacing: 19025062, 19025059  
 Servicing: Fiat, Lancia  
 B+ M6, Pulley w/o, Fan EF  
 B: 16.00 C: 64.00 mm

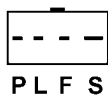


**111656** Alternator 14 V, 45 Amp  
 Replacing: 3472059, 3472048, 3472037, 3472026, 3472023, 059, 048, 037, 026, 023  
 Servicing: Bedford, Opel, Vauxhall  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 77.00 B: 56.00 mm



**111686** Alternator 14 V, 65 Amp  
 Replacing: 19025060  
 Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Lancia, Laverda  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 49.50 B: 17.00 C: 64.50 mm





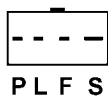
**111708** Alternator 14 V, 85 Amp

Replacing: 96252548, 96224432, 29219091, 219298, 219091, 10479999, 10479990

Servicing: Daewoo

B+ M6, Grooves 5, Pulley SP, Fan IF

A: 86.50 B: 50.50 mm



**111711** Alternator 14 V, 105 Amp

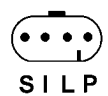
Replacing: 10480087, 10480082, 10480069, 10463940, 10463690, 10463652, 10463389

Servicing: Chevrolet, GMC

B+ M6, Grooves 6, Pulley SP, Fan EF

Replacing: CS130.

A: 73.00 B: 51.00 mm



**111712** Alternator 14 V, 105 Amp

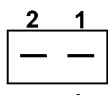
Replacing: 10480198, 10480168, 10480167, 10463940, 10463690, 10463652, 10463651

Servicing: Chevrolet, GMC

B+ M8, Grooves 6, Pulley SP, Fan IF

Replacing: CS130D.

A: 72.00 B: 50.80 mm



**111713** Alternator 14 V, 105 Amp

Replacing: 321-667, 1105609, 1105579, 1105560, 1105540, 1105539, 1105538, 1105536, 1105535, 1105418, 1102551

Servicing: Allis Chalmers, Case, Ford, John Deere, New Holland

B+ M6, Grooves 1, Pulley P, Fan EF

Replacing: 15SI.

A: 71.00 B: 50.70 mm



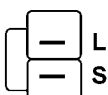
**111800** Alternator 14 V, 65 Amp

Replacing: 620, 3493620, 3472188, 3472070, 188, 1101199, 070

Servicing: Opel, Vauxhall

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 85.00 B: 56.00 mm



**111807** Alternator 14 V, 70 Amp

Replacing: 10464388, 10464206

Servicing: Kia, Mazda

B+ M8, Grooves 4, Pulley SP, Fan IF

A: 38.00 B: 13.50 C: 66.50 mm



**111833** Alternator 28 V, 140 Amp

Replacing: 19025330

Servicing: Drögmöller, Mercedes-Benz, Setra, Various Agriculture Vehicles

B+ M8, Terminal W, Pulley w/o, Fan EF

B- M8. Shaft 30 mm. Heavy duty type: HC-CARGO 113589. 180 A.

B: 15.70 C: 182.00 mm



**111834** Alternator 28 V, 55 Amp

Replacing: 1117252

Servicing: Scania

B+ M8, Terminal W, Pulley w/o, Fan EF

Heavy duty type: HC-CARGO 112182 (80 A).

B: 80.00 mm



**111842** Alternator 28 V, 140 Amp

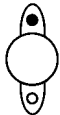
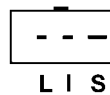
Replacing: 19025333

Servicing: Ikarus, MAN, Mercedes-Benz, Neoplan

B+ M8, Terminal W, Pulley w/o, Fan EF

B- M8, shaft 30 mm.

B: 15.00 C: 180.00 mm



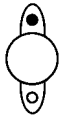
**111846** Alternator 14 V, 80 Amp

Replacing: 96252551, 96252547, 96224431, 219187, 10490073, 10490000, 10480073, 10480000

Servicing: Daewoo

B+ M6, Pulley w/o, Fan EF

B: 13.00 C: 80.50 mm



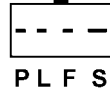
**111847** Alternator 14 V, 65 Amp

Replacing: 96566262

Servicing: Chevrolet, SGMW

B+ M6, Grooves 1, Pulley P, Fan IF

A: 42.00 B: 15.10 C: 65.30 mm



**111854** Alternator 14 V, 105 Amp

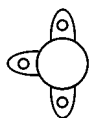
Replacing: 1101644, 10480157, 10463624, 10463375

Servicing: Chevrolet, Pontiac

B+ M6, Grooves 6, Pulley SP, Fan EF

Replacing: CS130.

A: 33.50 B: 11.70 C: 78.80 mm

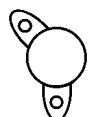

**111886** Alternator 28 V, 65 Amp

Replacing: 19025114

Servicing: Scania

B+ M8, Terminal W, Pulley w/o, Fan w/o

B: 23.25 C: 68.70 mm


**112056** Alternator 14 V, 70 Amp

Replacing: 791, 741, 641, 3493791, 3493741, 3493641, 3493244, 3493230, 3472641, 3472152, 3472144, 3472130

Servicing: Opel, Vauxhall

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 87.00 B: 56.00 mm


**112076** Alternator 28 V, 80 Amp

Replacing: 19025101

Servicing: Iveco, Renault V.I., Scania

B+ M8, Terminal W, Pulley w/o, Fan EF

B: 27.00 C: 72.10 mm


**112097** Alternator 28 V, 30 Amp

Replacing: 19025057, 19025044

Servicing: Allis Chalmers, Astra, Fahr, Iveco, Laverda

B+ M6, Grooves 1, Pulley P, Fan w/o

A: 45.00 B: 17.00 C: 63.00 mm


**112159** Alternator 28 V, 80 Amp

Replacing: 19025107, 19025100

Servicing: DAF, MAN, Mercedes-Benz, Renault V.I.

B+ M8, Terminal W, Pulley w/o, Fan EF

B: 80.40 mm


**112160** Alternator 28 V, 75 Amp

Replacing: 19020391, 19020383, 19020382, 19020376, 19020346, 19020307, 19011192, 19010199, 19010195, 19010193

Servicing: Cummins, John Deere, Komatsu, New Holland, Timberjack, Vauxhall

B+ M6, Pulley w/o, Fan EF

Replacing: 21SI. One wire system.

B: 14.25 C: 101.50 mm



S I L P


**112165** Alternator 14 V, 75 Amp

Replacing: DRX08378, 3493214, 215, 214, 10480215, 10480214

Servicing: Renault

B+ M8, Grooves 4, Pulley SP, Fan IF

A: 46.70 B: 27.00 C: 66.50 mm


**112229** Alternator 14 V, 70 Amp

Replacing: 947, 848, 847, 456, 3493848, 3493847, 10479947

Servicing: Opel, Vauxhall

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 50.50 B: 34.00 C: 59.00 mm


**112260<sup>#</sup>** Alternator 14 V, 80 Amp

Replacing: 321-603, 1105470, 1105469, 1105467, 1105465, 1105464, 1105463, 1105462, 1105460, 1102553, 1101289

Servicing: Allis Chalmers, Case, Chevrolet, Cummins, International, Volvo

B+ M5, Pulley w/o, Fan w/o

Replacing: 27SI. Negative grounding.

B: 12.60 C: 103.45 mm


**112261** Alternator 28 V, 60 Amp

Replacing: 1117846, 1117838, 1117834, 1117831, 1117826, 1117805, 1117746, 1117734, 10461238, 10459057

Servicing: Caterpillar

B+ M8, Pulley w/o, Fan EF, Insulated return

Replacing: 30SI.

B: 14.00 C: 100.00 mm


**112262<sup>#</sup>** Alternator 14 V, 90 Amp

Replacing: 1117814, 1117744, 1117485, 1117484, 1117483, 1117481, 1117068, 1117067

Servicing: Cummins, Ford, Freightliner, International, Kenworth, Mack, Volvo

B+ M6, Pulley w/o, Fan EF

Replacing: 30SI. Neg. connection. 12/24 V adapter.

B: 13.30 C: 101.60 mm


**112264<sup>#</sup>** Alternator 14 V, 105 Amp

Replacing: 1117816, 1117813, 1117812, 1117811, 1117809, 1117801

Servicing: Caterpillar, Cummins, Ford, Freightliner, International, Kenworth, Mack, Volvo

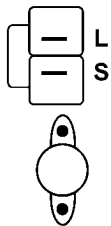
B+ M6, Pulley w/o, Fan EF

Replacing: 30SI. Negative grounding.

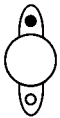
B: 14.00 C: 101.60 mm



**112265** Alternator 28 V, 100 Amp  
 Replacing: 1117836, 1117828, 1117817  
 Servicing: Cummins  
 B+ 1/4" UNF, Pulley w/o, Fan EF  
 Replacing: 30SI. Negative grounding.  
 B: 13.80 C: 101.10 mm



**112297** Alternator 14 V, 60 Amp  
 Replacing: 219053  
 Servicing: Kia, Mazda, Mercury  
 B+ M6, Terminal W, Grooves 1, Pulley P, Fan IF  
 A: 42.50 B: 13.10 C: 67.00 mm



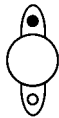
**112303<sup>#</sup>** Alternator 14 V, 80 Amp  
 Replacing: 1105471, 1105468, 1105466, 1105461, 1100214, 1100088, 1100083, 1100082, 1100076, 1100075, 10463074  
 Servicing: Caterpillar, Cummins  
 B+ M6, Pulley w/o  
 Replacing: 27SI. Pos. ground.  
 B: 13.00 C: 102.00 mm



**112337** Alternator 14 V, 105 Amp  
 Replacing: 1105710, 1101582, 10479993  
 Servicing: Chevrolet, GMC  
 B+ M6, Grooves 4, Pulley SP, Fan EF  
 Replacing: CS130.  
 A: 73.80 B: 50.70 mm



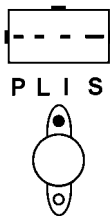
**112338** Alternator 14 V, 105 Amp  
 Replacing: 1101629, 1101628, 1101620, 1101318, 1101317, 1101293, 10479922, 10479921, 10479808, 10479807  
 Servicing: Chevrolet, GMC  
 B+ M6, Grooves 6, Pulley SP, Fan EF  
 Replacing: CS130.  
 A: 72.00 B: 50.70 mm



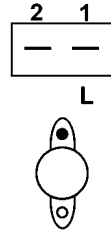
**112416** Alternator 14 V, 100 Amp  
 Replacing: 3493459, 3493225, 225, 10480225  
 Servicing: Holden, Opel, Vauxhall  
 B+ M8, Grooves 5, Pulley SP, Fan IF  
 A: 53.35 B: 33.50 C: 57.20 mm



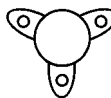
**112424** Alternator 28 V, 140 Amp  
 Replacing: 19025339  
 Servicing: Scania  
 B+ M8, Pulley w/o, Fan EF  
 B- M8, shaft 30 mm.  
 B: 15.50 C: 182.00 mm



**112447** Alternator 14 V, 105 Amp  
 Replacing: 1102644, 1101267, 1101266  
 Servicing: Dodge, Eagle  
 B+ M6, Grooves 6, Pulley SP, Fan EF  
 Replacing: CS130.  
 A: 33.00 B: 12.90 C: 81.80 mm



**112448** Alternator 14 V, 100 Amp  
 Replacing: 334-2145, 321-136, 1972724, 1105637, 1105577, 1105345, 1101435, 1101178, 1101109, 1101091, 1101059  
 Servicing: Buick, Cadillac, Chevrolet, GMC, Oldsmobile, Pontiac  
 B+ 3/8" UNF, Pulley w/o, Fan w/o  
 Replacing: 27SI. Negative grounding.  
 B: 20.45 C: 69.80 mm



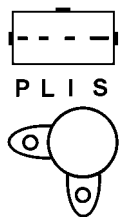
**112561** Alternator 28 V, 80 Amp  
 Replacing: 19070058, 19070006, 19025113  
 Servicing: Mercedes-Benz  
 B+ M8, Terminal W, Pulley w/o, Fan EF  
 B: 80.00 mm



**112613** Alternator 14 V, 105 Amp  
 Replacing: 10480188, 10479981, 10463632, 10463406  
 Servicing: Chevrolet, GMC, Oldsmobile  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 Replacing: CS130D.  
 A: 73.00 B: 51.00 mm



**112614** Alternator 14 V, 105 Amp  
 Replacing: 10480187, 10479984, 10463407  
 Servicing: Chevrolet, GMC, Isuzu  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 Replacing: CS130D.  
 A: 73.00 B: 51.00 mm


**112615** Alternator 14 V, 105 Amp

Replacing: 321-1797, 321-1753, 10480378, 10480307, 10480264, 10480262, 10480240, 10480182, 10464409, 10464075

Servicing: Buick, Chevrolet, Pontiac  
B+ M8, Grooves 6, Pulley SP, Fan IF  
Replacing: CS130D.

A: 44.00 B: 15.35 C: 39.00 mm

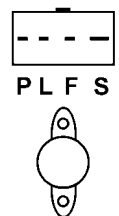

**112629** Alternator 14 V, 100/105 Amp

Replacing: 321-503, 321-479, 321-452, 321-439, 321-339, 321-1016, 1105715, 1105711, 1101647, 1101646, 1101645

Servicing: Buick, Cadillac, Chevrolet, GMC, Oldsmobile, Pontiac

B+ M6, Grooves 6, Pulley SP, Fan EF  
Replacing: CS130.

A: 73.50 B: 50.90 mm

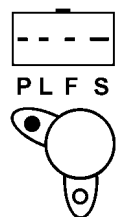

**112636** Alternator 14 V, 100/105 Amp

Replacing: 1101310, 10463094

Servicing: Buick, Chevrolet, Oldsmobile, Pontiac

B+ M6, Grooves 6, Pulley SP, Fan EF  
Replacing: CS130.

A: 73.00 B: 50.70 mm

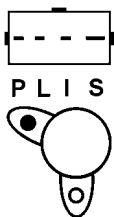

**112639** Alternator 14 V, 100/105 Amp

Replacing: 10480094, 10480084, 10463424, 10463415

Servicing: Chevrolet, GMC, Pontiac

B+ M6, Grooves 6, Pulley SP, Fan EF  
Replacing: CS130.

A: 74.00 B: 50.90 mm

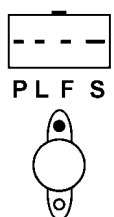

**112640** Alternator 14 V, 100/105 Amp

Replacing: 1101633, 1101632, 1101111, 1101110, 10480099, 10480086, 10479997, 10479994, 10463425, 10463417

Servicing: Buick, Cadillac, Chevrolet, GMC, Oldsmobile, Pontiac

B+ M6, Grooves 6, Pulley SP, Fan EF  
Replacing: CS130.

A: 72.00 B: 51.00 mm


**112641** Alternator 14 V, 100/105 Amp

Replacing: 10479976

Servicing: Freightliner

B+ M6, Grooves 8, Pulley SP, Fan EF  
Replacing: CS130.

A: 37.00 B: 12.00 C: 82.00 mm

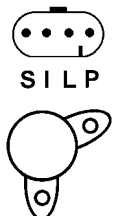

**112657** Alternator 28 V, 60 Amp

Replacing: 219072

Servicing: Various Industrial applications

B+ M6, Grooves 8, Pulley SP, Fan EF  
*One wire hookup(self-exciting) type.*

A: 42.75 B: 14.85 C: 101.00 mm


**112665** Alternator 14 V, 100 Amp

Replacing: 10480254, 10480251, 10464084

Servicing: Chevrolet, GMC, Isuzu, Oldsmobile

B+ M8, Fan IF

Replacing: CS130.

B: 50.80 mm


**112720** Alternator 14 V, 100 Amp

Replacing: 922, 3493273, 273, 10480273

Servicing: Opel, Vauxhall

B+ M8, Grooves 1, Pulley P, Fan IF

A: 54.00 B: 33.40 C: 57.00 mm


**112775** Alternator 14 V, 70 Amp

Replacing: 717, 706, 3493717, 3493706

Servicing: Mercedes-Benz, Opel, Vauxhall

B+ M6, Grooves 1, Pulley P, Fan EF

A: 90.00 B: 55.90 mm


**112805** Alternator 14 V, 55 Amp

Replacing: 715, 704, 3493715, 3493704

Servicing: Opel, Vauxhall

B+ M6, Grooves 1, Pulley P, Fan EF

A: 88.50 B: 56.00 mm


**112824** Alternator 14 V, 145 Amp

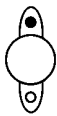
Replacing: 321-739, 19020806, 19020801, 19020377, 19020365, 19020364, 19020359, 19020358, 19020323, 19020303

Servicing: Freightliner, International, Kenworth, Mack

B+ 5/16" UNC, Terminal W, Pulley w/o, Fan EF, Not Insulated return

Replacing: 22SI. Negative grounding. One wire system. R-Terminal universal. I-Terminal 10-24.

B: 14.10 C: 100.60 mm



**112834** Alternator 14 V, 145 Amp

Replacing: 19020381, 19020379, 19020312, 19020310, 19020308, 19020306, 19020305, 10459472, 10459254, 10459217

Servicing: Ford, International

B+ 1/4" UNF, Terminal R, Pulley w/o, Fan EF

Replacing: 22SI. One wire system. B+ 1/4"-UNC. I-Terminal universal. R-Terminal 10-24.

B: 13.20 C: 101.50 mm



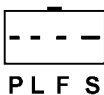
**112850** Alternator 14 V, 105 Amp

Replacing: 321-1811, 321-1798, 321-1748, 10480388, 10480326, 10480229, 10464451, 10464438, 10464404

Servicing: Cadillac, Chevrolet, GMC

B+ M6, Grooves 6, Pulley SP, Fan IF  
Replacing: AD230.

A: 72.50 B: 50.60 mm



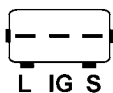
**112853** Alternator 14 V, 130 Amp

Replacing: 321-1749, 15768830, 15750871, 10754097, 10480390, 10480234, 10464405

Servicing: Buick, Cadillac, Chevrolet, GMC, Isuzu

B+ M6, Grooves 6, Pulley SP, Fan IF  
Replacing: AD244.

A: 71.70 B: 51.00 mm



**112860** Alternator 14 V, 80 Amp

Replacing: 321-1018, 10480096, 10480095, 10463398

Servicing: GEO, Toyota

B+ M6, Grooves 5, Pulley SP, Fan EF  
Replacing: CS121.

A: 52.00 B: 28.00 C: 42.00 mm



**112861**# Alternator 14 V, 90 Amp

Replacing: 321-1846, 21025339, 21025094, 21024727, 21024726, 21024486, 21024485, 21023969, 21022992, 10464477

Servicing: Saturn

B+ M6, Grooves 5, Pulley SP, Fan IF

Replacing: CS121D.

A: 37.00 B: 13.60 C: 79.10 mm



**112868** Alternator 14 V, 102 Amp

Replacing: 321-1139, 10480184, 10463839

Servicing: Chevrolet, Oldsmobile, Pontiac

B+ M8, Grooves 5, Pulley SP, Fan IF

Replacing: CS130D.

A: 55.00 B: 74.00 C: 74.00 mm



**112869**# Alternator 14 V, 102 Amp

Replacing: 321-1441, 10480332, 10480299, 10464401, 10464097

Servicing: Chevrolet, Oldsmobile

B+ M8, Grooves 6, Pulley SP, Fan IF

Replacing: CS130D.

A: 53.00 B: 74.00 C: 76.30 mm



**112873**# Alternator 14 V, 100 Amp

Replacing: 321-1437, 321-1436, 321-1428, 321-1427, 10480366, 10480313, 10480311, 10480310, 10480297, 10480296

Servicing: Cadillac

B+ M6, Grooves 6, Pulley SP, Fan EF

Replacing: CS144.

A: 71.75 B: 51.00 mm



**112874**# Alternator 14 V, 140 Amp

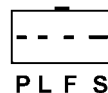
Replacing: 321-1747, 10480347, 10464403

Servicing: Chevrolet, Oldsmobile, Pontiac, Volvo

B+ M8, Grooves 6, Pulley SP, Fan EF

Replacing: CS144.

A: 36.50 B: 13.70 C: 55.40 mm



**112880** Alternator 14 V, 120 Amp

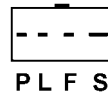
Replacing: 321-367, 321-275, 1105657, 1101518, 1101329, 1101296, 1101239, 10497111, 10463069

Servicing: Cadillac

B+ M6, Grooves 6, Pulley SP, Fan EF

Replacing: CS144.

A: 79.00 B: 51.00 mm



**112884** Alternator 14 V, 140 Amp

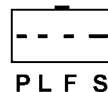
Replacing: 321-594, 10480201, 10479891, 10463678, 10463338

Servicing: Buick, Cadillac, Chevrolet, Oldsmobile, Pontiac

B+ M8, Grooves 6, Pulley SP, Fan EF

Replacing: CS144.

A: 73.00 B: 50.75 mm



**112886** Alternator 14 V, 140 Amp

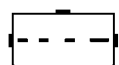
Replacing: 321-1006, 10479995, 10463377

Servicing: Cadillac

B+ M8, Grooves 6, Pulley SP, Fan EF

Replacing: CS144.

A: 73.00 B: 51.00 mm



P L I S



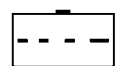
**112888** Alternator 14 V, 140 Amp

Replacing: 321-1056, 10480203, 10480111, 10463680, 10463523

Servicing: Pontiac

B+ M8, Grooves 6, Pulley SP, Fan EF

A: 72.75 B: 51.00 mm



P L F S



**112893** Alternator 14 V, 140 Amp

Replacing: 321-1429, 321-1134, 321-1095, 10480255, 10480206, 10480130, 10464081, 10463692, 10463636

Servicing: AM General, Cadillac, Chevrolet, GMC

B+ M8, Grooves 6, Pulley SP, Fan EF

Replacing: CS144.

A: 73.50 B: 50.50 mm



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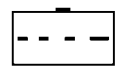
**112977<sup>#</sup>** Alternator 14 V, 60 Amp

Replacing: 10464209

Servicing: Honda, Isuzu

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 91.50 B: 57.50 mm



P L F S



**112980<sup>#</sup>** Alternator 14 V, 140 Amp

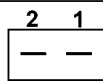
Replacing: 321-1426, 321-1131, 10480282, 10480177, 10464078, 10463689

Servicing: Oldsmobile

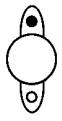
B+ M8, Grooves 6, Pulley SP, Fan EF

Replacing: CS144.

A: 72.85 B: 51.00 mm



2 1 L



**112988** Alternator 14 V, 120 Amp

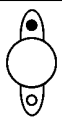
Replacing: 1105690, 1105658, 1105499, 1101290, 1101215, 10479915

Servicing: GMC

B+ M6, Grooves 1, Pulley P, Fan EF

Replacing: CS144.

A: 76.35 B: 51.00 mm



**112989** Alternator 14 V, 60 Amp

Replacing: 321-666, 1117641, 1117628, 1117621, 1117620, 1117618, 1117613, 1117612, 1117611, 10459200, 10459020

Servicing: Caterpillar, Chevrolet, Cummins, International, Mack, Massey Ferguson

B+ M8, Terminal W, Pulley w/o, Fan IF

Replacing: 20SI. Negative grounding. One wire system. B+ 1/4".

B: 14.85 C: 101.65 mm



**112992** Alternator 28 V, 70 Amp

Replacing: 1117915

Servicing: Fiat-Allis

B+ M8, Pulley w/o, Fan EF

Replacing: 20SI. Negative grounding. One wire system. B+ 5/16".

B: 15.75 C: 101.55 mm



**112993** Alternator 14 V, 130 Amp

Replacing: 19010166, 19010163, 19010162, 19010161, 19010160, 19010159, 19010158, 19010157, 19010154, 19010137

Servicing: Cummins, Ford, International, Volvo

B+ 1/4" UNF, Terminal W, Pulley w/o, Fan EF

Replacing: 21SI. Negative grounding. One wire system. B+ 1/4".

B: 14.20 C: 101.50 mm



**112994** Alternator 14 V, 100 Amp

Replacing: 19010181, 19010105, 19010101, 1117905, 1117892, 1117890, 1117887, 1117886, 1117885, 10459301

Servicing: Cummins, Ford, International, Volvo

B+ 5/16" UNC, Pulley w/o, Fan EF

Replacing: 21SI. Negative grounding. One wire system. B+ 5/16".

B: 13.60 C: 100.80 mm



**112995** Alternator 14 V, 145/160 Amp

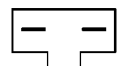
Replacing: 19010202, 19010168, 19010139, 19010128, 19010127, 19010126, 19010115, 1117964, 1117963, 1117934

Servicing: Kenworth, Mack

B+ M8, Pulley w/o, Fan EF

Replacing: 21SI. Negative grounding. One wire system. B+ 5/16".

B: 14.00 C: 101.00 mm



S IG



**112996** Alternator 14 V, 115/130 Amp

Replacing: 321-687, 19010207, 19010196, 19010191, 19010188, 19010187, 19010170, 19010150, 19010147, 19010145

Servicing: Caterpillar, Ford, Freightliner, John Deere, Kenworth, Mack, New Holland, Volvo

B+ M8, Pulley w/o, Fan EF

Replacing: 21SI. Negative grounding. One wire system. B+ 1/4".

B: 14.55 C: 100.50 mm



**112998#** Alternator 14 V, 85 Amp

Replacing: A-1442, 321-707, 321-700, 19010019, 19010014, 19010011, 19010009, 19010005, 19010003, 1117280

Servicing: Caterpillar, Cummins, Ford, Freightliner, International, Kenworth, Mack, Volvo

B+ M8, Pulley w/o, Fan EF  
Replacing: 26SI. Negative grounding.

B: 14.00 C: 101.25 mm



**113001#** Alternator 14 V, 110 Amp

Replacing: 321-734, 321-733, 1901160, 1901158, 19011174, 19011162, 19011160, 19011158, 19011154, 19011151

Servicing: Ford, Freightliner, International, Kenworth, Volvo

B+ 5/16" UNF, Pulley w/o, Fan EF  
Replacing: 33SI. Negative grounding. One wire system. B+ 1/4".

B: 14.25 C: 101.00 mm



**113002#** Alternator 14 V, 135 Amp

Replacing: 321-732, 321-731, 19011173, 19011171, 19011163, 19011161, 19011159, 19011156, 19011155, 19011152

Servicing: International, Kenworth, Mack, Volvo

B+ 1/4" UNF, Pulley w/o, Fan EF  
Replacing: 33SI. Negative grounding. One wire system. B+ terminal 1/4".

B: 14.00 C: 101.25 mm



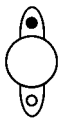
**113003#** Alternator 14 V, 110 Amp

Replacing: 321-735, 19011213, 19011169, 19011157, 10459184, 10459145

Servicing: Various Industrial applications

B+ M8, Terminal W, Pulley w/o, Fan EF  
Replacing: 34SI. Negative grounding. One wire system.

B: 14.20 C: 100.00 mm



**113077** Alternator 14 V, 70 Amp

Replacing: 10463753

Servicing: Toyota, VW

B+ M6, Grooves 1, Pulley P, Fan IF

A: 92.60 B: 58.75 mm



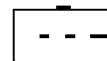
**113349** Alternator 14 V, 85 Amp

Replacing: 96404010, 219202, 219138

Servicing: Daewoo

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 36.00 B: 13.00 C: 81.50 mm



**113350** Alternator 14 V, 85 Amp

Replacing: 219139

Servicing: Chevrolet, Daewoo

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 36.00 B: 13.20 C: 81.30 mm

W 15DFM



**113351** Alternator 28 V, 100 Amp

Replacing: 19070016, 19070015, 19070014, 19070009, 19070008, 19070007

Servicing: Mercedes-Benz

B+ M8, Terminal W, Pulley w/o, Fan IF

Alternative no.: 115497

B: 80.00 mm



**113376** Alternator 14 V, 55 Amp

Replacing: 3493204, 3472204, 3472104, 3472061, 3472049, 3472039, 3472038, 3472024, 3472022

Servicing: Bedford, Lancia, Opel, Vauxhall

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 76.60 B: 56.20 mm



**113432** Alternator 14 V, 145/160 Amp

Replacing: 321-688, 19010156, 1117952, 1117948, 1117933, 1117924, 1117916, 10459051, 10459050

Servicing: International, Kenworth, Mack, Renault Agriculture, Volvo

B+ M6, Terminal W, Pulley w/o, Fan EF  
Replacing: 21SI. Negative grounding. One wire system. B+ 1/4".

B: 14.30 C: 101.20 mm





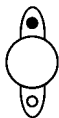
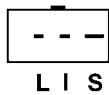
**113448** Alternator 28 V, 100 Amp  
 Replacing: 19025112, 19025111, 19025110, 19025109  
 Servicing: Mercedes-Benz  
 B+ M8, Terminal W, Pulley w/o, Fan EF  
 B: 80.00 mm



**113457** Alternator 28 V, 60 Amp  
 Replacing: 390049, 219055  
 Servicing: Various Industrial applications  
 B+ M6, Terminal W, Grooves 2, Pulley DP, Fan EF  
 A: 65.75 B: 15.00 C: 101.00 mm



**113458** Alternator 28 V, 60 Amp  
 Replacing: 390050, 219051  
 Servicing: Various Industrial applications  
 B+ M6, Terminal W, Grooves 2, Pulley DP, Fan EF  
 A: 45.25 B: 15.00 C: 101.00 mm



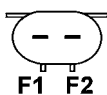
**113498** Alternator 14 V, 80 Amp  
 Replacing: 96404011, 96341300, 96255115, 96252115, 96206871, 219199, 219137  
 Servicing: Chevrolet, Daewoo, Lancia  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 50.65 B: 33.65 C: 58.60 mm



**113579** Alternator 14 V, 145 Amp  
 Replacing: 19020889, 19020804, 19020803, 19020389, 19020388, 19020387, 10459321, 10459320, 10459318  
 Servicing: International, Kenworth, Mack, Volvo  
 B+ 5/16" UNC, Terminal W, Pulley w/o, Fan EF  
 Replacing: 22SI.  
 B: 80.00 C: 108.00 mm



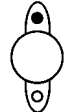
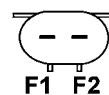
**113685** Alternator 14 V, 70 Amp  
 Replacing: 19020609, 19020601  
 Servicing: Mercury  
 B+ M6, Terminal W, Grooves 6, Pulley SP, Fan IF  
 A: 41.00 B: 16.80 C: 65.20 mm



**113691** Alternator 14 V, 70 Amp  
 Replacing: 19020616  
 Servicing: Crusader, Hyster  
 B+ M6, Terminal W, Grooves 2, Pulley DP, Fan IF  
 A: 76.75 B: 50.75 mm



**113692** Alternator 14 V, 70 Amp  
 Replacing: 19020608  
 Servicing: Crusader  
 B+ M6, Terminal W, Grooves 1, Pulley P, Fan IF  
 A: 77.00 B: 50.80 mm



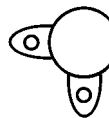
**113693** Alternator 14 V, 70 Amp  
 Replacing: 19020614  
 Servicing: Crusader, Hyster  
 B+ M6, Terminal W, Grooves 2, Pulley DP, Fan IF  
 A: 76.65 B: 50.80 mm



**113694** Alternator 14 V, 70 Amp  
 Replacing: 19020615, 19020606  
 Servicing: Hyster  
 B+ M6, Terminal W, Grooves 6, Pulley SP, Fan IF  
 A: 72.50 B: 50.80 mm



**113771** Alternator 14 V, 190 Amp  
 Replacing: 10480407  
 Servicing: Mercedes-Benz, VW  
 B+ M8, Grooves 6, Pulley SP/FW, Fan IF  
*Water cooled.*  
 A: 30.50 B: 93.45 C: 56.75 mm



**113777** Alternator 14 V, 145 Amp  
 Replacing: 15754097M, 15754097, 15226003  
 Servicing: Various Industrial applications  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 72.46 B: 50.91 mm





**113778#** Alternator 28 V, 100 Amp  
 Replacing: 19011175, 19011153, 10459251, 10455196  
 Servicing: Various Industrial applications  
 B+ 1/4" UNF-28.00, Pulley w/o  
 B: 14.00 C: 101.40 mm



L IG/R



**114114** Alternator 14 V, 65 Amp  
 Replacing: 96567255, 96380673, 219292, 219251, 219235, 219170  
 Servicing: Chevrolet, Daewoo  
 B+ M6, Grooves 1, Pulley P, Fan IF  
 A: 42.00 B: 14.35 C: 66.00 mm



L IG/R

**114172** Alternator 14 V, 65 Amp  
 Replacing: 19020600  
 Servicing: Mercury  
 B+ M8, Grooves 1, Pulley SP  
 A: 42.00 B: 15.00 C: 64.50 mm



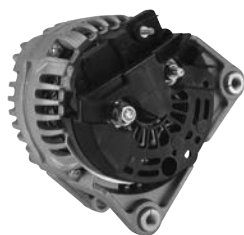
**114271** Alternator 28 V, 75 Amp  
 Replacing: 19011206, 19011205, 19011191, 10459599  
 Servicing: Caterpillar  
 B+ M6, Terminal W, Pulley w/o, Not Insulated return  
 Replacing: 34SI.  
 B: 14.20 C: 100.00 mm



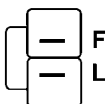
**114351** Alternator 14 V, 200 Amp  
 Replacing: 8600313  
 Servicing: Caterpillar, Cummins, International  
 B+ M8, Terminal W, Pulley w/o, Fan IF  
 B: 14.00 C: 101.20 mm



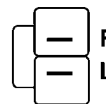
**114359** Alternator 14 V, 170 Amp  
 Replacing: 8700047, 8700040, 8700039, 8600203, 8600178, 8600171, 8600127, 8600073, 8600060, 8600055, 8600015  
 Servicing: Sterling, Volvo  
 B+ 3/16" UNF, Pulley w/o, Fan EF  
 B: 80.00 C: 126.00 mm



**114431** Alternator 14 V, 120 Amp  
 Replacing: 8000004, 18000004  
 Servicing: Alfa Romeo, Fiat, Holden, Opel, Vauxhall  
 B+ M8, Grooves 5, Pulley SP, Fan IF  
 A: 64.70 B: 23.00 C: 57.20 mm



**114512** Alternator 14 V, 140 Amp  
 Replacing: 8400218, 8400158, 8400156  
 Servicing: Opel, Vauxhall  
 B+ M8, Grooves 6, Pulley SP/FW, Fan IF  
 A: 35.50 B: 13.00 C: 66.00 mm



**114665** Alternator 14 V, 100 Amp  
 Replacing: 8400219, 8400159, 8400157  
 Servicing: Opel, Vauxhall  
 B+ M8x1.25, Pulley w/o, Fan IF  
 B: 13.20 C: 67.40 mm

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**114864** Alternator 28 V, 75 Amp  
 Replacing: 8600479, 8600050, 19011195, 19011189, 10459353  
 Servicing: John Deere  
 B+ 1/4" UNC, Insulated return  
 B: 14.2 C: 102.0 mm



**110639** Alternator 14 V, 36 Amp

Replacing: DM91134, DM1132, DM1130

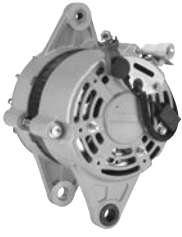
Servicing: Allis Chalmers, Fiat-Allis

B+ M6, Grooves 1, Pulley P, Fan EF

Regulator: HC-CARGO 130017.

A: 91.00 B: 60.75 mm

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**114423** Alternator 28 V, 55 Amp

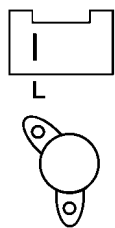
Replacing: 0201-102-3015

Servicing: Hino

B+ M6, Grooves 2, Pulley DP, Fan EF

A: 51.00 B: 14.00 C: 85.47 mm

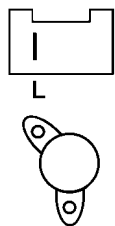
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**110048** Alternator 14 V, 35 Amp

Replacing: 71473902(2), 71473802, 71470602, 71470402, 71427012, 71427002, 71273402, 70229002

Servicing: Farymann, Renault, Volvo Penta  
B+ M6, Pulley w/o, Fan EF, Insulated return

B: 51.00 mm


**110052** Alternator 28 V, 40 Amp

Replacing: 71543002, 71491002, 71490802, 71490702, 71490502, 71340002, 71249002

Servicing: Baudouin, DAF, Volvo Penta  
B+ M6, Terminal W, Pulley w/o, Fan EF, Insulated return

B: 50.75 mm


**110112** Alternator 28 V, 40 Amp

Replacing: 71554102  
Servicing: Volvo, Volvo Penta  
B+ M6, Terminal W, Pulley w/o, Fan w/o

B: 51.00 mm


**110127** Alternator 14 V, 70 Amp

Replacing: 71523102, 71523002, 71473602, 71470502, 71470302, 71430402, 71429802, 71429702, 71427302, 71427102

Servicing: Farymann, Volvo Penta  
B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF, Insulated return

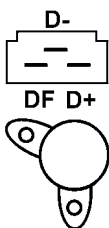
A: 79.00 B: 51.00 mm


**110745<sup>#</sup>** Alternator 14 V, 40 Amp

Replacing: 71229002, 71226802, 26650

Servicing: Peugeot  
B+ M6, Terminal DF, Grooves 1, Pulley P, Fan EF  
Regulator: HC-CARGO 130679.

A: 49.00 B: 27.00 C: 66.20 mm


**110887** Alternator 14 V, 45 Amp

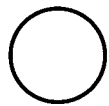
Replacing: 71271402, 71270702, 71212702

Servicing: Alfa Romeo, Renault  
B+ M6, Grooves 1, Pulley P, Fan EF  
Regulator: HC-CARGO 130675.

A: 51.20 B: 27.00 mm


**110916<sup>#</sup>** Alternator 14 V, 40 Amp

Replacing: 71636402  
Servicing: Citroen, Peugeot, Talbot  
B+ M6, Grooves 1, Pulley P, Fan EF  
A: 59.00 B: 40.00 mm

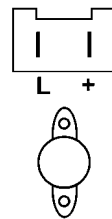

**110931** Alternator 14 V, 70 Amp

Replacing: 71233002  
Servicing: Porsche  
B+ M6, Pulley w/o, Fan w/o


**111139** Alternator 14 V, 75 Amp

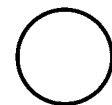
Replacing: 71236002  
Servicing: Audi, Porsche, VW

B+ M8, Grooves 1, Pulley P, Fan EF  
A: 82.30 B: 56.00 mm

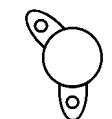

**111144<sup>#</sup>** Alternator 14 V, 70 Amp

Replacing: 71770202, 71770102  
Servicing: Citroen, Renault, Talbot

B+ M6, Grooves 1, Pulley P, Fan EF  
A: 49.15 B: 27.00 C: 64.80 mm


**111226** Alternator 14 V, 55 Amp

Replacing: 71314202  
Servicing: Hatz  
B+ M6, Pulley w/o, Fan w/o


**111397** Alternator 14 V, 45 Amp

Replacing: 70230502, 70230302, 70230202, 70230002, 70229802, 70229602, 70229502, 70229102

Servicing: BUKH, Volvo Penta  
B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF, Insulated return  
A: 74.20 B: 50.70 mm



**112230** Alternator 14 V, 90 Amp

Replacing: 71716600

Servicing: Citroen, Fiat, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 42.00 B: 27.20 C: 69.20 mm

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**113376** Alternator 14 V, 55 Amp

Replacing: 6020940MO30SM

Servicing: Bedford, Lancia, Opel, Vauxhall

B+ M6, Terminal W, Grooves 1,

Pulley P, Fan EF

A: 76.60 B: 56.20 mm



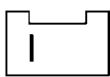
**110043#** Alternator 28 V, 45 Amp

Replacing: A13R214

Servicing: Hanomag, Pegaso, Renault V.I., Scania

B+ M6, Terminal W, Pulley w/o, Fan w/o

B: 80.00 mm



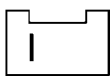
**110048** Alternator 14 V, 35 Amp

Replacing: A13N57M, A13N3M, 2927750

Servicing: Farymann, Renault, Volvo Penta

B+ M6, Pulley w/o, Fan EF, Insulated return

B: 51.00 mm



**110052** Alternator 28 V, 40 Amp

Replacing: A13N270, 2937130A, 2937130

Servicing: Baudouin, DAF, Volvo Penta

B+ M6, Terminal W, Pulley w/o, Fan EF, Insulated return

B: 50.75 mm



**110076#** Alternator 28 V, 55 Amp

Replacing: A14R33, A14N39, A14N133, 2960250

Servicing: Pegaso, Scania

B+ M6, Terminal W, Pulley w/o, Fan w/o

B: 80.00 mm



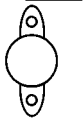
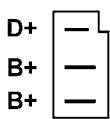
**110077** Alternator 14 V, 50 Amp

Replacing: 2927990

Servicing: Case, Citroen, Deutz-Fahr, Fendt, Goldoni, Opel, Peugeot, Vauxhall

B+ M6, Grooves 1, Pulley P, Fan EF

A: 78.50 B: 56.00 mm



**110107** Alternator 14 V, 55 Amp

Replacing: 9AR2725

Servicing: Massey Ferguson

B+ 6.30, Pulley w/o, Fan w/o

B: 27.00 mm



**110112** Alternator 28 V, 40 Amp

Replacing: 2939210, 2937390

Servicing: Volvo, Volvo Penta

B+ M6, Terminal W, Pulley w/o, Fan w/o

B: 51.00 mm



**110113** Alternator 28 V, 27 Amp

Replacing: 310426

Servicing: Mercedes-Benz

B+ M6, Pulley w/o, Fan EF

B: 80.00 mm



**110116** Alternator 28 V, 35 Amp

Replacing: A13N33

Servicing: DAF, Ford, MAN

B+ M8, Terminal W, Pulley w/o, Fan w/o

B: 80.00 mm



**110117** Alternator 28 V, 35 Amp

Replacing: 2960120

Servicing: Iveco, Magirus-Deutz, Steyr, Various Agriculture Vehicles

B+ M6, Pulley w/o, Fan EF

B: 56.00 mm



**110127** Alternator 14 V, 70 Amp

Replacing: 510819, 2927120

Servicing: Farymann, Volvo Penta

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF, Insulated return

A: 79.00 B: 51.00 mm



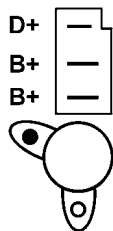
**110163** Alternator 28 V, 45 Amp

Replacing: A13N5T, A13N56M, A13N4T, A13N283M, A13N283, A13N22T, A13N229T, A13N140T, A13N140, 2938680, 2541777

Servicing: Renault V.I.

B+ M6, Terminal W, Grooves 2, Pulley DP, Fan EF

A: 48.75 B: 27.25 C: 67.50 mm

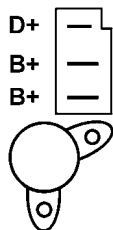

**110178** Alternator 14 V, 36 Amp

Replacing: 29409930, 2523234

Servicing: Austin, Bedford, Case, Ford, Jensen, Land Rover, Lotus, Massey Ferguson, MG, Morris, New Holland, Plymouth, Talbot

B+ 9.40, Pulley w/o, Fan EF

B: 10.00 C: 87.00 mm


**110358** Alternator 14 V, 55 Amp

Replacing: 2950281, 2541264

Servicing: Mercedes-Benz, Seat

B+ Plug, Grooves 1, Pulley P, Fan EF

A: 77.50 B: 56.00 mm


**110540** Alternator 14 V, 55 Amp

Replacing: TA0B09601, M40473, M34377, AR150DA, AR150CA, AC155907, AC155515, AC155513, A0B09601, A000B0431

Servicing: Bobcat, OMC

B+ 1/4" UNC, Terminal W, Grooves 1, Pulley P, Fan EF

A: 75.00 B: 50.50 mm


**110618**<sup>#</sup> Alternator 14 V, 50 Amp

Replacing: A11VI42, A11VI37, A11VI10, 2541718, 2541677, 2541299A, 2541299

Servicing: Citroen, Peugeot

B+ M8, Grooves 1, Pulley P, Fan IF

A: 95.00 B: 56.00 mm

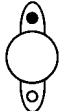
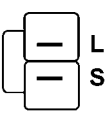

**110619** Alternator 14 V, 70 Amp

Replacing: A11VI55, A11VI43, A11VI11, 2541763D, 2541763C, 2541763A, 2541763, 2541719, 2541298A, 2541298

Servicing: Citroen, Peugeot

B+ M8, Grooves 1, Pulley P, Fan IF

A: 95.00 B: 56.10 mm


**110659** Alternator 14 V, 75 Amp

Replacing: TA000A15101, M36881, AB175053, AB175015, A000A003

Servicing: Dodge, Eagle, Hyundai, Mitsubishi, Plymouth

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 38.15 B: 13.00 C: 55.00 mm

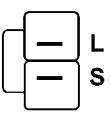

**110660**<sup>#</sup> Alternator 14 V, 65 Amp

Replacing: M36880, AB165014, A000A002

Servicing: Dodge, Hyundai, Mitsubishi, Plymouth

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 38.25 B: 13.25 C: 55.00 mm

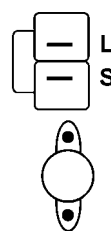

**110663** Alternator 14 V, 60 Amp

Replacing: TA000A11001, M40546

Servicing: Ford, Kia, Mazda, Mercury

B+ M6, Terminal W, Grooves 1, Pulley P, Fan IF

A: 41.75 B: 13.15 C: 66.60 mm

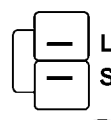

**110664** Alternator 14 V, 70 Amp

Replacing: TA000B16701

Servicing: Ford, Mazda

B+ M6, Terminal W, Grooves 3, Pulley SP, Fan IF

A: 43.50 B: 13.10 C: 66.10 mm

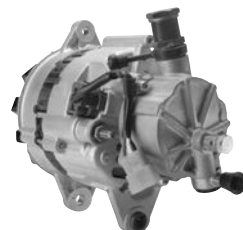
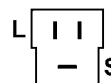

**110666**<sup>#</sup> Alternator 14 V, 60 Amp

Replacing: TA000A47001

Servicing: Eagle, Mitsubishi, Plymouth

B+ M5, Grooves 4, Pulley SP, Fan IF

A: 38.50 B: 13.00 C: 48.10 mm


**110694** Alternator 14 V, 40 Amp

Replacing: M35529, APR140AA, 2EA0629

Servicing: Nissan

B+ M6, Grooves 1, Pulley P, Fan EF

A: 42.00 B: 13.10 C: 80.45 mm


**110699** Alternator 14 V, 50 Amp

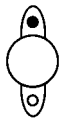
Replacing: M36710, AD155325, A000B015

Servicing: Ford, Mazda

B+ M5, Grooves 1, Pulley P, Fan EF

A: 50.90 B: 13.00 C: 80.25 mm



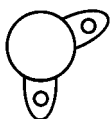

**110706** Alternator 14 V, 60 Amp

Replacing: M36709, APR155BA, AD160209, AD155326, A000B016, 582783, 2EA0411

Servicing: Ford, Kia, Mazda

B+ M5, Grooves 1, Pulley P, Fan EF

A: 49.7 B: 13 C: 80.0 mm


**110743** Alternator 14 V, 30 Amp

Replacing: A12R56, A11M6, A11M5, A11M4, A11M12, A11M11, 310231Z, 310221W, 310058L

Servicing: Citroen

B+ M6, Grooves 1, Pulley P, Fan EF

Regulator: HC-CARGO 130679.

A: 61.00 B: 40.00 mm


**110745**# Alternator 14 V, 40 Amp

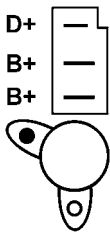
Replacing: A13R95, A13R38, A13R22, A13R170, A13R157, A13R15, A13N135, A12R223, A12R21

Servicing: Peugeot

B+ M6, Terminal DF, Grooves 1, Pulley P, Fan EF

Regulator: HC-CARGO 130679.

A: 49.00 B: 27.00 C: 66.20 mm


**110759** Alternator 14 V, 35 Amp

Replacing: 592798, 2541452, 2541239

Servicing: Austin, Ford, Mercury

B+ 9.40, Grooves 1, Pulley P, Fan EF

A: 36.15 B: 10.50 C: 79.00 mm


**110766** Alternator 28 V, 27 Amp

Replacing: 2960150, 2523162

Servicing: Atlas Copco, Case, Deutz-Fahr, Iveco, KHD, Liebherr, Magirus-Deutz, Mercedes-Benz, Steyr

B+ M6, Terminal W, Pulley w/o, Fan EF

B: 56.00 mm


**110769**# Alternator 14 V, 70 Amp

Replacing: A13N239, 2940426A, 2940426

Servicing: Citroen, Peugeot

B+ M6, Grooves 1, Pulley P, Fan EF

A: 48.50 B: 27.10 C: 66.00 mm

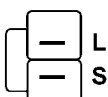

**110801** Alternator 28 V, 45 Amp

Replacing: A13R182

Servicing: Atlas Copco, Case, Caterpillar, Cummins, Fiat-Allis, International

B+ 1/4" UNF, Terminal W, Pulley w/o, Fan EF

B: 14.80 C: 100.00 mm

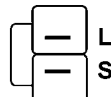

**110802** Alternator 14 V, 75 Amp

Replacing: TA000B33801, TA000A34801, M39589, AB175020, A000B0301

Servicing: Dodge, Eagle, Hyundai, Mitsubishi, Plymouth

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 35.00 B: 13.25 C: 77.60 mm


**110804** Alternator 14 V, 90 Amp

Replacing: M39882, AB190119, AB190072, AB190025, A000B0441

Servicing: Dodge, Eagle, Hyundai, Kia, Mitsubishi, Plymouth

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 34.85 B: 13.40 C: 77.40 mm

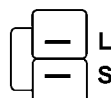

**110805** Alternator 14 V, 50 Amp

Replacing: AD150413, 2EA0550A1

Servicing: Dodge, Mazda, Mitsubishi, Plymouth

B+ M5, Grooves 1, Pulley P, Fan EF

A: 45.30 B: 13.10 C: 54.20 mm

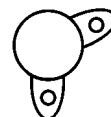

**110806** Alternator 14 V, 65 Amp

Replacing: M04418, APR165AA, AD165309, 2EA0550D3

Servicing: Mitsubishi

B+ M6, Grooves 1, Pulley P, Fan EF

A: 44.40 B: 12.80 C: 56.30 mm


**110877** Alternator 14 V, 65 Amp

Replacing: 2941253A, 2941253

Servicing: BMW

B+ M6, Grooves 1, Pulley P, Fan EF

A: 74.45 B: 51.00 mm

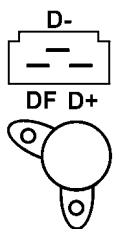

**110880<sup>#</sup>** Alternator 14 V, 45 Amp

Replacing: 514002

Servicing: Alfa Romeo

B+ M6, Grooves 1, Pulley P, Fan EF

A: 77.00 B: 56.00 mm


**110887** Alternator 14 V, 45 Amp

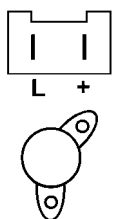
Replacing: A13R121

Servicing: Alfa Romeo, Renault

B+ M6, Grooves 1, Pulley P, Fan EF

Regulator: HC-CARGO 130675.

A: 51.20 B: 27.00 mm


**110889** Alternator 14 V, 75 Amp

 Replacing: A14N4, A14N163, A14N144,  
2541324, 2541204

Servicing: Renault, Renault V.I.

 B+ M6, Terminal W, Grooves 1,  
Pulley P, Fan EF

A: 57.90 B: 26.90 C: 69.00 mm


**110890** Alternator 14 V, 55 Amp

Replacing: 2950500

 Servicing: Alfa Romeo, Fiat, Iveco,  
Lamborghini, Same

B+ M6, Grooves 1, Pulley P, Fan w/o

A: 49.00 B: 17.00 C: 63.00 mm


**110891** Alternator 14 V, 70 Amp

Replacing: 2925330

Servicing: Ford, Land Rover, MG

 B+ M6, Terminal W, Pulley w/o,  
Fan w/o

As HC-CARGO 114788, but without pulley

B: 11.30 C: 83.00 mm


**110895** Alternator 28 V, 55 Amp

Replacing: 523161, 2940780, 2940778

 Servicing: DAF, Kässbohrer, MAN, Mercedes-Benz,  
Ssangyong

B+ M8, Terminal W, Pulley w/o, Fan EF

B: 80.00 mm


**110902** Alternator 14 V, 45 Amp

Replacing: 2940369, 2940308

Servicing: VW

 B+ M8, Terminal W, Grooves 1,  
Pulley P, Fan EF

A: 99.00 B: 56.00 mm


**110906** Alternator 28 V, 30 Amp

Replacing: A13N166, 2104264

Servicing: Mercedes-Benz

 B+ M8, Terminal W, Pulley w/o,  
Fan w/o

B: 80.00 mm

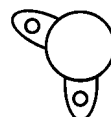

**110908<sup>#</sup>** Alternator 14 V, 80 Amp

 Replacing: 2940130A, 2940130, 2541300,  
2541139B, 2541139

Servicing: BMW

B+ M8, Grooves 1, Pulley P, Fan EF

A: 82.50 B: 56.00 mm


**110911** Alternator 14 V, 55 Amp

Replacing: 9AR2621, 9AR2596

Servicing: Audi, Peugeot, Saab, VW

B+ M6, Grooves 1, Pulley P, Fan EF

A: 77.64 B: 56.00 mm

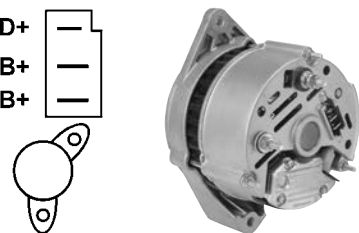
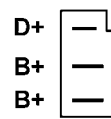

**110912** Alternator 14 V, 55 Amp

Replacing: A13E23, 2541234, 2541233

 Servicing: Alfa Romeo, Ferrari, Fiat, Fiat-  
Allis, Lancia, Seat

B+ M6, Grooves 1, Pulley P, Fan EF

A: 44.50 B: 16.40 C: 66.00 mm


**110913** Alternator 14 V, 70 Amp

Replacing: 9AR2518

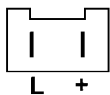
Servicing: Audi, VW

B+ 9.40, Pulley w/o, Fan w/o

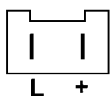
B: 56.00 mm



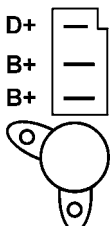
**110916#** Alternator 14 V, 40 Amp  
 Replacing: A12R37, A12R36, 2941097  
 Servicing: Citroen, Peugeot, Talbot  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 59.00 B: 40.00 mm



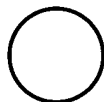
**110920#** Alternator 14 V, 50 Amp  
 Replacing: A13N12, 310154H  
 Servicing: Renault  
 B+ M5, Grooves 1, Pulley P, Fan EF  
 A: 101.00 B: 56.00 mm



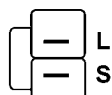
**110921#** Alternator 14 V, 55 Amp  
 Replacing: A13N64  
 Servicing: Volvo  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 72.50 B: 26.80 C: 65.70 mm



**110923** Alternator 14 V, 55 Amp  
 Replacing: A13V05, 2518046  
 Servicing: Mercedes-Benz  
 B+ Plug, Grooves 6, Pulley SP, Fan EF  
 A: 92.00 B: 56.00 mm



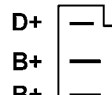
**110931** Alternator 14 V, 70 Amp  
 Replacing: A14N11  
 Servicing: Porsche  
 B+ M6, Pulley w/o, Fan w/o



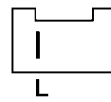
**110957#** Alternator 14 V, 75 Amp  
 Replacing: M36311, AR175AA, AB175051, A000A0190  
 Servicing: Hyundai  
 B+ M6, Grooves 4, Pulley SP, Fan IF  
 A: 35.05 B: 12.99 C: 55.04 mm



**110959** Alternator 14 V, 55 Amp  
 Replacing: M40472, M31612, AR150BA, AR150AA, AC155604, AC155603, AC155602, A000B0331, 2EA0436A  
 Servicing: Mercruiser, Mercury, OMC  
 B+ M8, Terminal W, Grooves 1, Pulley P, Fan EF  
 Purple wire = +15 Red wire = S (+)  
 A: 76.35 B: 50.70 mm



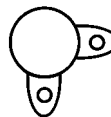
**110968** Alternator 14 V, 70 Amp  
 Replacing: 9AR2699  
 Servicing: Austin, Case, Dronningborg, Mercedes-Benz, MG, Nissan, Rover, Valtra  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 34-43 B: 11.00 C: 82.00 mm



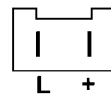
**110993#** Alternator 14 V, 50 Amp  
 Replacing: A13N123  
 Servicing: Citroen, Peugeot  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 71.85 B: 36.00 C: 56.45 mm



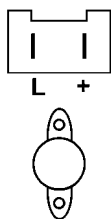
**111035** Alternator 14 V, 65 Amp  
 Replacing: A13E26, A13E25, 2541236, 2541235  
 Servicing: Audi, Autobianchi, Case, Fiat, Innocenti, Lancia, VW, Zastava  
 B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF  
 A: 51.25 B: 22.00 C: 73.00 mm



**111036** Alternator 14 V, 45 Amp  
 Replacing: A13E1, 2541135, 2518028  
 Servicing: Autobianchi, Fiat, Lancia  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 56.80 B: 32.25 mm



**111071** Alternator 14 V, 75 Amp  
 Replacing: A14R28, A14R26, A14N55, A14N2, A14N1, 2941232, 2940275  
 Servicing: Citroen, Peugeot  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 61.85 B: 35.90 C: 53.00 mm

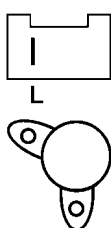

**111072** Alternator 14 V, 50 Amp

Replacing: A13R269, A13R260, A13R228, A13N87, A13N65, A13N63, A13N139, 2181730

Servicing: Renault, VW

B+ M6, Grooves 1, Pulley P, Fan IF

A: 49.40 B: 27.00 C: 66.00 mm

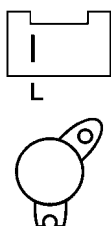

**111075** Alternator 14 V, 55 Amp

Replacing: A13N94, A13N43, A13N38, A13N293

Servicing: Citroen, Peugeot, Talbot, Vauxhall

B+ M6, Grooves 1, Pulley P, Fan EF

A: 59.50 B: 40.00 mm

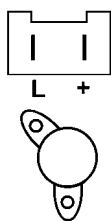

**111076** Alternator 14 V, 50 Amp

Replacing: A13N95, A13N240, A13N218, A13N181, 2541489, 2541366, 2541314, 2541180

Servicing: Citroen, Opel, Peugeot, Talbot

B+ M6, Grooves 4, Pulley SP, Fan EF

A: 46.35 B: 26.80 C: 66.00 mm


**111082** Alternator 14 V, 60 Amp

Replacing: A13N121, A13N110, 2541471

Servicing: Renault

B+ M6, Grooves 1, Pulley P, Fan EF

A: 100.95 B: 56.00 mm

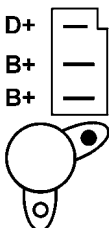

**111085** Alternator 14 V, 55 Amp

Replacing: A13N39

Servicing: Volvo

B+ M6, Grooves 2, Pulley DP, Fan EF

A: 91.95 B: 71.00 mm

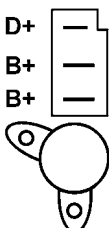

**111086** Alternator 14 V, 65 Amp

Replacing: 2941231, 2927060

Servicing: Austin, Ford, Mercury, MG, Rover

B+ Plug, Grooves 1, Pulley P, Fan IF

A: 34.60 B: 10.80 C: 81.00 mm

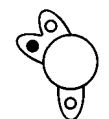

**111093** Alternator 14 V, 70 Amp

Replacing: A13V07, A13V02, 2541297, 2518044

Servicing: Mercedes-Benz

B+ Plug, Grooves 6, Pulley SP, Fan EF

A: 92.00 B: 56.00 mm


**111094** Alternator 14 V, 65 Amp

Replacing: A13E45, 2940311A, 2940311

Servicing: Audi, VW

B+ M8, Terminal W, Grooves 1, Pulley P, Fan EF

A: 109.00 B: 56.00 mm

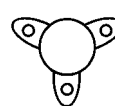

**111095#** Alternator 14 V, 65 Amp

Replacing: A13E39, 2941293, 2940363

Servicing: VW

B+ M8, Grooves 1, Pulley P, Fan EF

A: 76.30 B: 56.00 mm

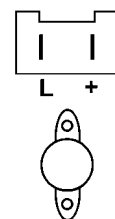

**111141** Alternator 14 V, 55 Amp

Replacing: 523159, 523158, 2325158

Servicing: MAN, Mercedes-Benz

B+ M6, Terminal W, Pulley w/o, Fan w/o

B: 80.00 mm


**111144#** Alternator 14 V, 70 Amp

Replacing: A14N93, A14N89, A14N84, A14N69, A14N64, A14N50, A14N37, A14N22, A14N20, A14N150, A14N13, A14N106

Servicing: Citroen, Renault, Talbot

B+ M6, Grooves 1, Pulley P, Fan EF

A: 49.15 B: 27.00 C: 64.80 mm


**111148** Alternator 14 V, 65 Amp

Replacing: A13E68

Servicing: Autobianchi, Fiat, Lancia, Zastava

B+ M6, Grooves 1, Pulley P, Fan w/o

A: 52.25 B: 23.00 C: 73.00 mm



**111152<sup>#</sup>** Alternator 14 V, 45 Amp  
 Replacing: 2940306A, 2940306, 2523202  
 Servicing: VW  
 B+ M8, Terminal W, Grooves 1,  
 Pulley P, Fan EF  
 A: 99.00 B: 56.00 mm



**111153** Alternator 14 V, 55 Amp  
 Replacing: A13R192, A13N80  
 Servicing: Alfa Romeo  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 52.00 B: 27.00 mm



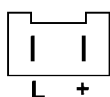
**111154** Alternator 14 V, 65 Amp  
 Replacing: A13E58, A13E43, A13E09,  
 2940371, 2940309, 2940307, 2541438,  
 2523203  
 Servicing: Audi, Mercedes-Benz, Seat, VW  
 B+ M8, Terminal W, Grooves 1,  
 Pulley P, Fan EF  
 A: 98.00 B: 56.00 mm



**111155<sup>#</sup>** Alternator 14 V, 70 Amp  
 Replacing: A14R41, A14R23, A14N79, A14N78,  
 A14N36, A14N23  
 Servicing: Peugeot, Talbot  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 64.30 B: 27.00 C: 66.00 mm



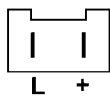
**111168** Alternator 14 V, 55 Amp  
 Replacing: A13N214, 2541341  
 Servicing: Ferrari, Opel, Vauxhall  
 B+ M6, Terminal W, Grooves 1,  
 Pulley P, Fan EF  
 A: 84.00 B: 56.00 mm



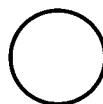
**111171** Alternator 14 V, 70 Amp  
 Replacing: A14N62, A14N53, A13N62,  
 A13N228, A13N226, A13N171, 2541160,  
 2541156  
 Servicing: Renault  
 B+ M6, Terminal W, Grooves 1,  
 Pulley P, Fan EF  
 A: 49.65 B: 27.00 C: 66.50 mm



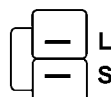
**111175<sup>#</sup>** Alternator 14 V, 80 Amp  
 Replacing: A14N172, A14N139, A13V168,  
 A13V108, 2541793A, 2541793, 2541655,  
 2541369, 2541189  
 Servicing: Citroen, Peugeot  
 B+ M8, Grooves 5, Pulley SP, Fan EF  
 A: 41.30 B: 27.25 C: 69.95 mm



**111179<sup>#</sup>** Alternator 14 V, 105 Amp  
 Replacing: A14N95, A14N76, 2518085  
 Servicing: Renault  
 B+ M6, Grooves 5, Pulley SP/FW,  
 Fan EF  
 A: 48.00 B: 27.00 C: 66.25 mm



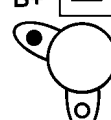
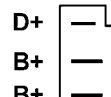
**111226** Alternator 14 V, 55 Amp  
 Replacing: A13N52, A13N281, A13N28,  
 2541768  
 Servicing: Hatz  
 B+ M6, Pulley w/o, Fan w/o



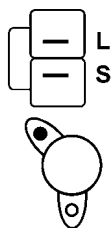
**111237** Alternator 14 V, 70 Amp  
 Replacing: TA000A28801, APR140AB,  
 AB175036, AB170094, AB170036  
 Servicing: Kia, Mazda  
 B+ M6, Grooves 4, Pulley SP, Fan IF  
 A: 37.75 B: 13.00 C: 66.55 mm



**111288** Alternator 14 V, 65 Amp  
 Replacing: A13E41, 2940367, 2940303A,  
 2940303, 2541442, 2541441, 2541435,  
 2541222  
 Servicing: Seat, VW  
 B+ M8, Terminal W, Grooves 1,  
 Pulley P, Fan EF  
 A: 75.00 B: 56.00 mm



**111289** Alternator 14 V, 70 Amp  
 Replacing: 2950220, 2940981, 2929780,  
 2927070  
 Servicing: Austin, Case, Dronningborg, Ford,  
 Land Rover, Massey Ferguson, MG, Morris,  
 Rover  
 B+ 9.40, Terminal W, Grooves 1,  
 Pulley P, Fan EF  
 A: 35.00 B: 12.50 C: 80.00 mm

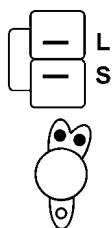

**111309** Alternator 14 V, 75 Amp

Replacing: TA000A39101, TA000A35201, M37208, AB180128, AB175068, AB175054, AB175019, A000B0391

Servicing: Hyundai, Proton

B+ M8, Grooves 4, Pulley SP, Fan IF

A: 34.15 B: 13.15 C: 54.50 mm

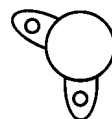

**111314** Alternator 14 V, 90 Amp

Replacing: AB190386, AB190205, AB190097

Servicing: Hyundai, Mitsubishi

B+ M6, Grooves 5, Pulley SP, Fan IF

A: 37.90 B: 13.15 C: 55.15 mm

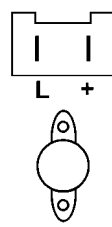

**111318** Alternator 14 V, 80 Amp

Replacing: A13VI262, A13VI232, A13VI102, 2542355A, 2542355, 2542255, 2541785B, 2541785

Servicing: BMW, Citroen, Fiat, Lancia, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 92.35 B: 56.00 mm

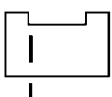

**111319** Alternator 14 V, 105 Amp

Replacing: A14N75, A14N73, A14N140, A13VI13, 2541307D, 2541307C, 2541307, 2541197

Servicing: Renault, Renault V.I.

B+ M6, Grooves 1, Pulley P, Fan EF

A: 47.90 B: 26.90 C: 66.00 mm

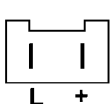

**111321** Alternator 14 V, 70 Amp

Replacing: A13N289, A13N241, A13N232, A13N178, A13N133, 2541807, 2541490, 2541445, 2541173

Servicing: Volvo

B+ M6, Grooves 6, Pulley SP, Fan EF

A: 46.20 B: 27.15 C: 69.00 mm

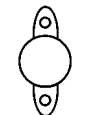
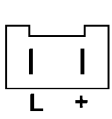

**111325** Alternator 14 V, 70 Amp

Replacing: A13N158, 2541118

Servicing: Renault

B+ M6, Grooves 1, Pulley P, Fan EF

A: 57.10 B: 27.15 C: 66.75 mm

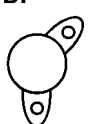
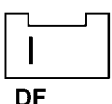

**111326** Alternator 14 V, 110 Amp

Replacing: A13VI30, A13VI28, A13VI122, 2541813, 2541359, 2541325

Servicing: Renault, Volvo

B+ M6, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 46.10 B: 26.65 C: 66.10 mm

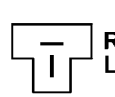

**111331** Alternator 28 V, 60 Amp

Replacing: A14N44M, A14N43M, A14N3T, A14N3, A14N28T

Servicing: Renault V.I.

B+ M6, Terminal W, Grooves 2, Pulley DP, Fan EF

A: 48.50 B: 27.30 C: 69.80 mm

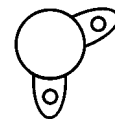
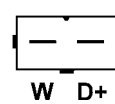

**111344** Alternator 28 V, 25 Amp

Replacing: TA000A06101, M04419, APR225AA, AD225412, 2EA0501A

Servicing: Mitsubishi

B+ M5, Grooves 1, Pulley P, Fan EF

A: 43.25 B: 12.55 C: 81.20 mm

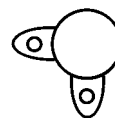
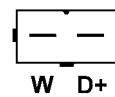

**111352** Alternator 14 V, 70 Amp

Replacing: A11VI66, A11VI22, A11VI21, 2541821A, 2541821, 2541415H, 2541415, 2541410

Servicing: Seat, Skoda, VW

B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 39.45 B: 14.65 C: 59.80 mm

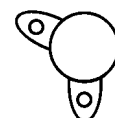

**111353** Alternator 14 V, 70 Amp

Replacing: A11VI64, A11VI36, 2541819, 2541676, 2541619

Servicing: Audi, Ford, Seat, Skoda, VW

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 39.00 B: 14.00 C: 59.00 mm

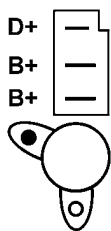

**111354** Alternator 14 V, 70 Amp

Replacing: A13VI75, A13VI74, 2541699, 2541683A, 2541683, 2541680

Servicing: Mercedes-Benz

B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 92.35 B: 56.00 mm



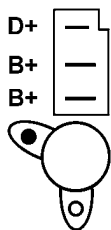
**111355** Alternator 14 V, 65 Amp

Replacing: 2541400, 2541290

Servicing: Austin, Dronningborg, Massey Ferguson, MG, New Holland, Nissan, Rover, Universal, Valtra

B+ M6-6.30, Terminal W, Grooves 1, Pulley P, Fan EF

A: 37.00 B: 11.50 C: 81.00 mm



**111362** Alternator 14 V, 55 Amp

Replacing: 2926300

Servicing: Austin, Ford, Land Rover, MG, Rover, Valtra

B+ Plug, Terminal W, Grooves 1, Pulley P, Fan EF

A: 34.50 B: 11.00 C: 81.00 mm



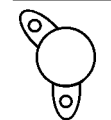
**111369** Alternator 14 V, 90 Amp

Replacing: A13VI220, A13VI198, A13VI176, A13VI170, A13VI169, A13VI135, A13VI100, 2541992B, 2541992, 2541960

Servicing: Mercedes-Benz, Various Agriculture Vehicles

B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 92.00 B: 56.00 mm



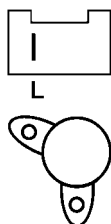
**111397** Alternator 14 V, 45 Amp

Replacing: A13N35M, A13N2M, A13N259M, A13N259, A13N234, A13N2, A13N1M, A13N186M, A13N149M, A13N148M, A13N147M

Servicing: BUKH, Volvo Penta

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF, Insulated return

A: 74.20 B: 50.70 mm



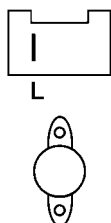
**111402** Alternator 14 V, 50 Amp

Replacing: A13N237

Servicing: Citroen, Peugeot

B+ M6, Grooves 1, Pulley P, Fan EF

A: 59.45 B: 40.00 mm



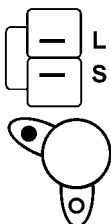
**111403#** Alternator 14 V, 70 Amp

Replacing: A13N238, A13N233, A13N179, A13N138

Servicing: Volvo

B+ M6, Terminal W, Grooves 3, Pulley SP, Fan EF

A: 46.75 B: 27.00 C: 66.00 mm



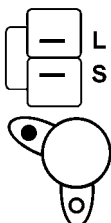
**111405** Alternator 14 V, 90 Amp

Replacing: TA000A14501, AB190058

Servicing: Hyundai

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 35.00 B: 13.25 C: 55.45 mm



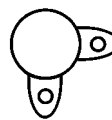
**111406** Alternator 14 V, 110 Amp

Replacing: TA000A07401, AB111057, AB111033

Servicing: Dodge, Hyundai, Mitsubishi

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 23.50 B: 17.25 C: 55.40 mm



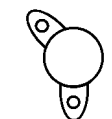
**111411** Alternator 14 V, 75 Amp

Replacing: A11VI46, 2541728A, 2541728

Servicing: Citroen, Fiat, Ford, Lancia, Peugeot

B+ M8, Grooves 4, Pulley SP, Fan IF

A: 54.80 B: 32.00 mm



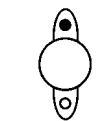
**111419** Alternator 28 V, 55 Amp

Replacing: 2541423

Servicing: Allis Chalmers, Benfra, Fiat-Allis, Iveco, Laverda

B+ M8, Terminal W, Grooves 2, Pulley DP, Fan EF

A: 50.00 B: 17.45 C: 63.00 mm



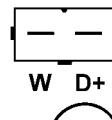
**111426** Alternator 14 V, 100 Amp

Replacing: SG10B041, SG10B012, 2542273

Servicing: Isuzu, Opel, Vauxhall

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 51.00 B: 33.75 C: 56.00 mm



**111477** Alternator 14 V, 90 Amp

Replacing: A13VI41, A13VI124, A13VI121, 2541815B, 2541815A, 2541815, 2541675, 2541417K, 2541417

Servicing: Ford, Seat, Skoda, VW

B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 39.50 B: 13.50 C: 59.00 mm

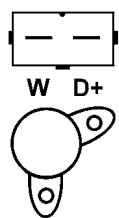

**111478** Alternator 14 V, 90 Amp

Replacing: A13VI156, A13VI138, 2541895C, 2541895B, 2541895, 2541856A, 2541856

Servicing: Audi, VW

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 35.00 B: 14.00 C: 82.00 mm

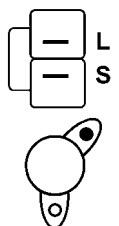

**111479** Alternator 14 V, 90 Amp

Replacing: A13VI40, A13VI123, 2941814, 2541416F, 2541416

Servicing: Seat, VW

B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 39.00 B: 14.00 C: 59.00 mm


**111491**<sup>#</sup> Alternator 14 V, 75 Amp

Replacing: AF175503, AF175435

Servicing: Mitsubishi

B+ M6, Grooves 2, Pulley DP, Fan IF

A: 42.50 B: 13.00 C: 55.00 mm


**111498** Alternator 14 V, 110 Amp

Replacing: A13VI73, 2541679C, 2541679

Servicing: Citroen, Fiat

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 28.15 B: 26.90 C: 66.60 mm


**111510** Alternator 28 V, 45 Amp

Replacing: 9AR3855, 2960000, 2939590

Servicing: Ford, Perkins

B+ M6, Terminal W, Pulley w/o, Fan EF, Insulated return

B: 10.00 C: 82.00 mm

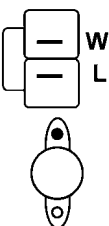

**111512**<sup>#</sup> Alternator 14 V, 110 Amp

Replacing: A13VI185, A13VI105, 2541942, 2541789

Servicing: Renault

B+ M6, Terminal W, Grooves 3, Pulley SP, Fan IF

A: 52.60 B: 27.50 C: 66.00 mm


**111515** Alternator 14 V, 70 Amp

Replacing: TA000A55401, 567051

Servicing: AC, Opel, Vauxhall

B+ M8, Grooves 1, Pulley P, Fan IF

A: 42.50 B: 13.00 C: 78.50 mm


**111527**<sup>#</sup> Alternator 28 V, 55 Amp

Replacing: A14N135, 2541147

Servicing: Scania

B+ M6, Terminal W, Pulley w/o, Fan w/o

B: 27.00 C: 66.70 mm

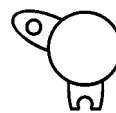

**111528** Alternator 28 V, 55 Amp

Replacing: 2180620, 2105473B

Servicing: Volvo, Volvo BM, Volvo Penta

B+ M8, Terminal W, Pulley w/o, Fan EF

B: 51.50 mm

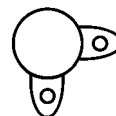

**111532** Alternator 14 V, 80 Amp

Replacing: A13VI84, 2541726B, 2541726

Servicing: Citroen, Peugeot

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 53.00 B: 26.40 C: 58.00 mm


**111621** Alternator 14 V, 55 Amp

Replacing: A13E50, 2541399

Servicing: Autobianchi, Fiat, Lancia

B+ M6, Grooves 1, Pulley P, Fan EF

A: 57.50 B: 32.30 mm


**111631** Alternator 28 V, 55 Amp

Replacing: A14N208M, A14N207M, A14N183M, A14N183, 2542514A, 2542514, 2542359, 2541624A, 2541624

Servicing: Volvo

B+ M8, Terminal W, Pulley w/o, Fan EF

B: 14.10 C: 100.00 mm





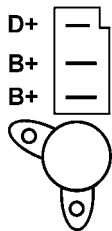
**111647** Alternator 28 V, 60 Amp

Replacing: 21EA00050

Servicing: Cummins, John Deere, Komatsu, New Holland, Timberjack

B+ M6, Pulley w/o, Fan EF

B: 15.00 C: 102.00 mm



**111653** Alternator 14 V, 45 Amp

Replacing: 9AR2708

Servicing: Audi, VW

B+ 9.70, Grooves 1, Pulley P, Fan EF

A: 108.50 B: 56.00 mm



**111656** Alternator 14 V, 45 Amp

Replacing: 2941301, 2940353

Servicing: Bedford, Opel, Vauxhall

B+ M6, Grooves 1, Pulley P, Fan EF

A: 77.00 B: 56.00 mm



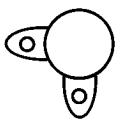
**111658** Alternator 28 V, 55 Amp

Replacing: A14N206M, A14N200M, A14N141M, A14N118M, 2541850, 2541828, 2541199D, 2541199B, 2541199, 2522104

Servicing: Renault V.I., Volvo, Volvo Penta

B+ M6, Terminal W, Pulley w/o, Fan w/o, Insulated return

B: 50.75 mm



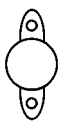
**111676** Alternator 14 V, 90 Amp

Replacing: A13VI63, A13VI126, 2541817, 2541626E, 2541626

Servicing: Audi, Skoda, VW

B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 41.00 B: 14.80 C: 59.00 mm



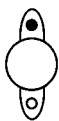
**111686** Alternator 14 V, 65 Amp

Replacing: 2929510, 2565995, 2565994

Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Lancia, Laverda

B+ M6, Grooves 1, Pulley P, Fan EF

A: 49.50 B: 17.00 C: 64.50 mm



**111710** Alternator 14 V, 65 Amp

Replacing: TA000B28101, TA000B13001, TA00023301, AC165618, AC165617, AC165616, AC165610, AC155616

Servicing: Mercury, OMC

B+ 1/4" UNC, Grooves 6, Pulley SP, Fan EF

A: 72.00 B: 50.70 mm



**111718** Alternator 14 V, 75 Amp

Replacing: TG8S025, TG8S017, A11VI88, 2542897, 2541953B, 2541953

Servicing: Opel, Renault

B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 46.50 B: 26.50 C: 66.50 mm



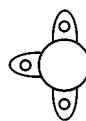
**111719** Alternator 14 V, 120 Amp

Replacing: A13VI292, A13VI254, A13VI207, 2542603, 2542315A, 2542315, 2541976D, 2541976

Servicing: Renault

B+ M6, Terminal W, Grooves 6, Pulley SP/FW, Fan IF

A: 46.00 B: 26.30 C: 66.50 mm



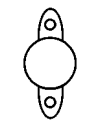
**111720** Alternator 28 V, 90 Amp

Replacing: HD90S020ZD, HD90S019ZD, HD90S017ZD, HD90S016ZD, HD90S014ZD, HD90S014, HD90S013ZD, HD90S013

Servicing: Scania

B+ M8, Terminal W, Pulley w/o, Fan w/o

B: 22.70 C: 68.70 mm



**111722** Alternator 14 V, 75 Amp

Replacing: A13VI224, A11VI97, A11VI92, A11VI104, 2542363A, 2542363, 2542231, 2541999, 2541978A, 2541978

Servicing: Renault

B+ M6, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 45.00 B: 26.80 C: 68.00 mm



**111723** Alternator 14 V, 70 Amp

Replacing: A11VI89, 2541965A, 2541965

Servicing: Citroen, Fiat, Peugeot

B+ M8, Grooves 5, Pulley SP, Fan IF

B: 56.00 mm

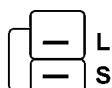

**111775<sup>#</sup>** Alternator 14 V, 120 Amp

Replacing: A13VI255, A13VI208, 2542316, 2541977B, 2541977

Servicing: Renault, Volvo

B+ M6, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 46.60 B: 27.00 C: 66.75 mm


**111787** Alternator 14 V, 70 Amp

Replacing: TA000A08101, AB170035

Servicing: Kia

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 38.00 B: 13.00 C: 66.60 mm


**111788** Alternator 14 V, 105 Amp

Replacing: A13VI76, 2541694D, 2541694

Servicing: BMW, Opel, Vauxhall

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 77.00 B: 56.00 mm


**111800** Alternator 14 V, 65 Amp

Replacing: 2940349, 2940347

Servicing: Opel, Vauxhall

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 85.00 B: 56.00 mm

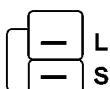

**111803** Alternator 14 V, 60 Amp

Replacing: A13N269, 2541695

Servicing: Renault

B+ M6, Grooves 1, Pulley P, Fan EF

A: 50.50 B: 26.00 mm


**111807** Alternator 14 V, 70 Amp

Replacing: AB170066

Servicing: Kia, Mazda

B+ M8, Grooves 4, Pulley SP, Fan IF

A: 38.00 B: 13.50 C: 66.50 mm


**111820** Alternator 14 V, 90 Amp

Replacing: A13VI114, 2541801

Servicing: Audi, Skoda, VW

B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 39.5 B: 14.00 C: 59.00 mm

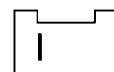

**111834** Alternator 28 V, 55 Amp

Replacing: A13N11

Servicing: Scania

 B+ M8, Terminal W, Pulley w/o, Fan EF  
*Heavy duty type: HC-CARGO 112182 (80 A).*

B: 80.00 mm

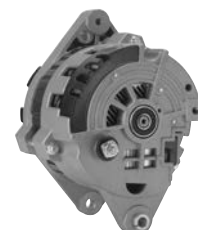
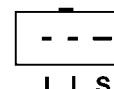

**111841** Alternator 14 V, 50 Amp

Replacing: A13N215, A13N175, A13N129, 2541363, 2541169

Servicing: Citroen, Peugeot

B+ M6, Grooves 1, Pulley P, Fan EF

A: 95.50 B: 56.00 mm


**111846** Alternator 14 V, 80 Amp

Replacing: 219187

Servicing: Daewoo

B+ M6, Pulley w/o, Fan EF

B: 13.00 C: 80.50 mm

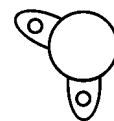

**111847** Alternator 14 V, 65 Amp

Replacing: TA000A52202, 2655476

Servicing: Chevrolet, SGMW

B+ M6, Grooves 1, Pulley P, Fan IF

A: 42.00 B: 15.10 C: 65.30 mm

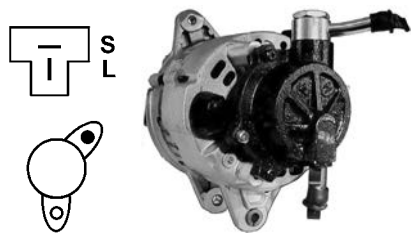

**111890** Alternator 14 V, 90 Amp

Replacing: A13VI222

Servicing: Mercedes-Benz

B+ M8, Terminal W, Grooves 6, Pulley SP/FW, Fan IF

A: 92.00 B: 56.00 mm



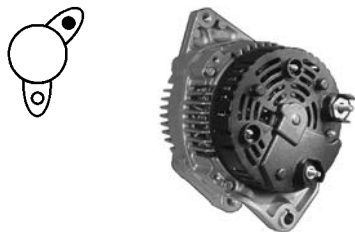
**111929** Alternator 14 V, 65 Amp

Replacing: M36934, BM51267AR, AD165321Q, AD165321, AD165320Q, AD165320, AD165202, AC165531, A000A0063

Servicing: Hyundai

B+ M6, Grooves 1, Pulley P, Fan EF

A: 44.50 B: 13.15 C: 54.50 mm



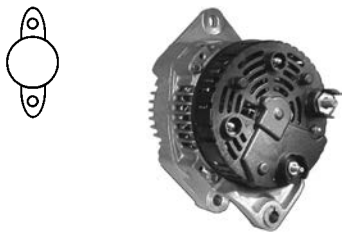
**111934** Alternator 14 V, 80 Amp

Replacing: A13VI266, A13VI212, A11VI93, A11VI105, 2542367A, 2542367, 2542366A, 2542366, 2541984A, 2541984

Servicing: Opel, Renault

B+ M6, Grooves 3, Pulley SP, Fan IF

A: 52.50 B: 27.00 C: 66.40 mm



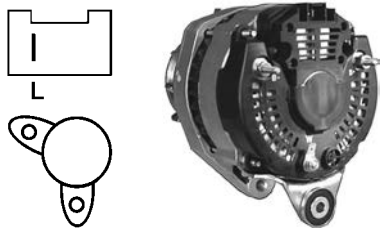
**111937** Alternator 14 V, 75 Amp

Replacing: A11VI81, 2541928A, 2541928

Servicing: Opel, Renault, Vauxhall

B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 52.00 B: 27.00 C: 69.30 mm



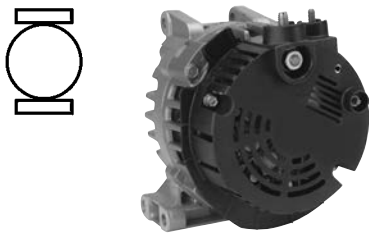
**111940#** Alternator 14 V, 70 Amp

Replacing: A13N276, A13N274, 2541714, 2541712

Servicing: Massey Ferguson

B+ M6, Terminal W, Pulley w/o, Fan IF

B: 27.00 C: 71.30 mm



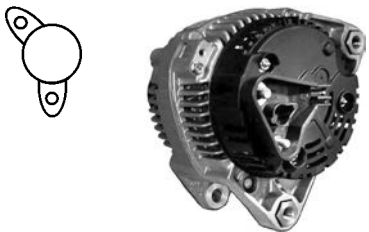
**111943** Alternator 14 V, 90 Amp

Replacing: SG9B039, SG9B038, A13VI257, A13VI202, 2542414A, 2542414, 2542413C, 2542413A, 2542413, 2542347A

Servicing: Mercedes-Benz

B+ M8, Grooves 5, Pulley SP/FW, Fan IF

A: 29.50 B: 140.20 C: 42.00 mm



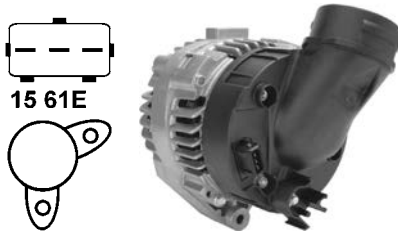
**111946** Alternator 14 V, 80 Amp

Replacing: A13VI78, 2541697B, 2541697

Servicing: BMW

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 46.80 B: 19.65 C: 73.50 mm



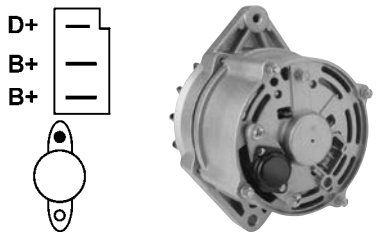
**111947** Alternator 14 V, 95 Amp

Replacing: A13VI150, A13VI130, 2541884, 2541848

Servicing: BMW

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 77.30 B: 56.00 mm



**111948** Alternator 14 V, 70 Amp

Replacing: 9AR2786, 9AR2566, 2950700, 2940772, 2928610, 2541148, 2541131, 2541130, 2518051

Servicing: Massey Ferguson

B+ Plug, Terminal W, Pulley w/o, Fan EF

B: 29.00 mm



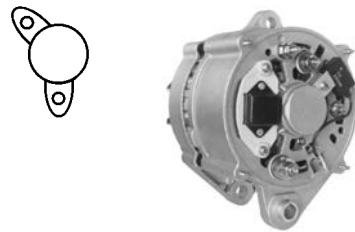
**111967** Alternator 14 V, 90 Amp

Replacing: SG9B037, A13VI237, A13VI178, 2542412C, 2542412B, 2542412A, 2542412, 2542291A, 2542291, 2541922B

Servicing: Mercedes-Benz

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 30.00 B: 140.00 C: 41.20 mm



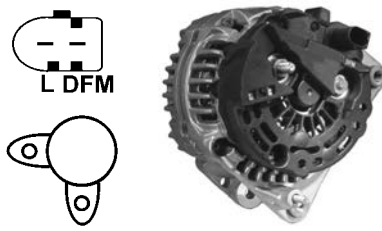
**111987** Alternator 28 V, 55 Amp

Replacing: A14N190, A14N189, A14N188, A14N187, A14N186, A14N185, A14N182, 2541648, 2541639, 2541638, 25416373

Servicing: Iveco

B+ M8, Terminal W, Pulley w/o, Fan EF

B: 17.00 C: 63.80 mm



**111989** Alternator 14 V, 90 Amp

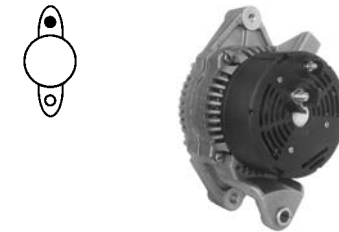
Replacing: SG9B088, SG9B087, SG9B059, SG9B049, SG9B013, 2543328, 2543320, 2542767, 2542571, 2542241C, 2542241B

Servicing: Audi, Seat, Skoda, VW

B+ M8, Grooves 6, Pulley SP, Fan IF

Alternative no.: 115482

A: 39.60 B: 14.00 C: 61.00 mm



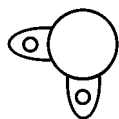
**111990** Alternator 14 V, 70 Amp

Replacing: SG7S021, 2542543

Servicing: Opel, Vauxhall

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 55.00 B: 33.50 C: 56.00 mm


**112002** Alternator 14 V, 120 Amp

Replacing: SG12B090, SG12B042, SG12B015, 2542949A, 2542949, 2542461D, 2542461C, 2542461B, 2542461A, 2542461

Servicing: Audi, Ford, Seat, Skoda, VW

B+ M8, Terminal W, Grooves 6,

Pulley w/o, Fan IF

As HC-CARGO 114797, but without pulley

Alternative no.: 115483

A: 39.5 B: 14.50 C: 59.00 mm


**112057** Alternator 14 V, 110 Amp

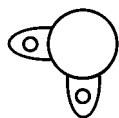
Replacing: A13VI179, 2541927A, 2541927

Servicing: Opel, Renault, Vauxhall

B+ M8, Terminal W, Grooves 6,

Pulley SP, Fan IF

A: 53.00 B: 26.40 C: 66.50 mm


**112058** Alternator 14 V, 70 Amp

Replacing: SG7S024, SG7S014, A11VI91, 2542678A, 2542678, 2542483A, 2542483, 2541969A, 2541969

Servicing: Citroen, Fiat, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 42.50 B: 22.00 C: 45.00 mm

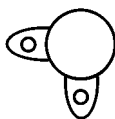

**112059** Alternator 14 V, 110 Amp

Replacing: A13VI300, A13VI259, A13VI195, 2542691C, 2542691, 2542354A, 2542354, 2541954B, 2541954

Servicing: Renault

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 46.00 B: 27.40 C: 66.30 mm

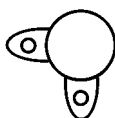

**112075** Alternator 14 V, 70 Amp

Replacing: SG8B011, 2542240C, 2542240A, 2542240

Servicing: Audi, Seat, Skoda, VW

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 40,00 B: 14.00 C: 60,75 mm


**112079** Alternator 14 V, 90 Amp

Replacing: SG9B078, SG9B015, A13VI182, 2542948A, 2542948, 2542245C, 2542245

Servicing: Audi, Ford, Seat, Skoda, VW

B+ M8, Pulley w/o, Fan IF

B: 14.00 C: 61.00 mm

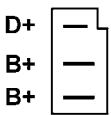

**112097** Alternator 28 V, 30 Amp

Replacing: 2939520

Servicing: Allis Chalmers, Astra, Fahr, Iveco, Laverda

B+ M6, Grooves 1, Pulley P, Fan w/o

A: 45.00 B: 17.00 C: 63.00 mm


**112112** Alternator 14 V, 70 Amp

Replacing: 2929580, 2928580, 2927440

Servicing: Perkins, Sabre, Yanmar

B+ M6, Terminal W, Grooves 1,

Pulley P, Fan EF, Insulated return

A: 45.00 B: 11.50 C: 82.50 mm

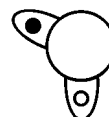

**112144** Alternator 14 V, 98 Amp

Replacing: SG9B047, SG9B033, 2542548, 2542420C, 2542420B, 2542420A, 2542420

Servicing: Dacia, Nissan, Renault

B+ M8, Pulley w/o, Fan IF

B: 80.00 C: 40.50 mm


**112149** Alternator 14 V, 65 Amp

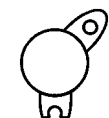
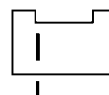
Replacing: 2940375, 2940305A, 2940305, 2940304A, 2940304, 2541434A, 2541434, 2523205, 2523204

Servicing: Audi, Seat, VW

B+ M8, Terminal W, Grooves 1,

Pulley P, Fan EF

A: 109.80 B: 56.00 mm

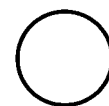

**112162** Alternator 14 V, 70 Amp

Replacing: A13N220, A13N219, A13N183, A13N182, A13N177, A13N167, A13N151, 2541368, 2541367, 2541182, 2541181

Servicing: Citroen, Peugeot

B+ M6, Grooves 4, Pulley SP, Fan EF

A: 46.50 B: 27.00 C: 65.90 mm

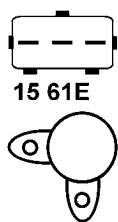

**112183** Alternator 14 V, 60 Amp

Replacing: A13N255, A13N165, 2541659, 2541133

Servicing: KHD, Various Agriculture Vehicles

B+ M6, Terminal W, Pulley w/o,

Fan w/o



**112193** Alternator 14 V, 120 Amp

Replacing: SG14B020, SG14B019, SG12B029, A14VI22, 2543237, 2542875, 2542377B, 2542377, 2541963A, 2541963

Servicing: BMW

B+ M8, Grooves 6, Pulley SP, Fan IF  
A: 69.00 B: 28.00 C: 76.00 mm



**112197** Alternator 14 V, 115 Amp

Replacing: SG12B087

Servicing: Mercedes-Benz

B+ M8, Grooves 6, Pulley w/o, Fan IF  
As HC-CARGO 114790, but without pulley  
A: 31.00 B: 69.80 C: 56.00 mm



**112199** Alternator 14 V, 75 Amp

Replacing: SG7S071, SG7S013, SG7S010, A11VI94, 2543554, 2542481, 2542342, 2541980B, 2541980A, 2541980

Servicing: Dacia, Nissan, Renault

B+ M8, Grooves 6, Pulley SP, Fan IF  
A: 21.00 B: 80.00 C: 40.00 mm



**112229** Alternator 14 V, 70 Amp

Replacing: SG7S025, 2542689C, 2542689A, 2542689

Servicing: Opel, Vauxhall

B+ M8, Grooves 6, Pulley SP, Fan IF  
A: 50.50 B: 34.00 C: 59.00 mm



**112230** Alternator 14 V, 90 Amp

Replacing: A13VI87, A13VI49, 2541740B, 2541740, 2541461B, 2541461

Servicing: Citroen, Fiat, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF  
A: 42.00 B: 27.20 C: 69.20 mm



**112273** Alternator 14 V, 70 Amp

Replacing: SG8B018, A11VI95, 2542281C, 2542281, 2541997

Servicing: Seat, Skoda, VW

B+ M8, Grooves 6, Pulley SP, Fan IF  
A: 41.00 B: 14.00 C: 60.80 mm



**112274** Alternator 14 V, 90 Amp

Replacing: SG9B024, A13VI223, 2542282C, 2542282, 2541998

Servicing: Seat, Skoda, VW

B+ M8, Grooves 6, Pulley SP, Fan IF  
A: 39.50 B: 14.10 C: 61.40 mm



**112287** Alternator 14 V, 70 Amp

Replacing: A11VI45, 2541725H, 2541725B, 2541725

Servicing: Citroen, Peugeot, Rover

B+ M8, Grooves 5, Pulley SP, Fan IF  
A: 52.10 B: 26.00 C: 58.00 mm



**112292** Alternator 14 V, 70 Amp

Replacing: A11VI72, A11VI51, A11VI40, A11VI25, 2541854A, 2541854, 2541735, 2541710B, 2541710, 2541459

Servicing: Citroen, Fiat, Peugeot, Suzuki

B+ M8, Grooves 6, Pulley SP, Fan IF  
A: 42.00 B: 27.20 C: 65.00 mm



**112298** Alternator 14 V, 80 Amp

Replacing: SG9B077, A13VI81, A13VI280, A13VI189, 2542880A, 2542880, 2542417, 2541950B, 2541950, 2541703B

Servicing: Citroen, Fiat, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF  
A: 42.00 B: 26.10 C: 66.70 mm



**112299** Alternator 14 V, 95 Amp

Replacing: A13VI71, A13VI281, A13VI191, 2542418A, 2542418, 2541951C, 2541951A, 2541951, 2541665C, 2541665B

Servicing: Citroen, Fiat, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF  
A: 43.00 B: 27.30 C: 67.70 mm

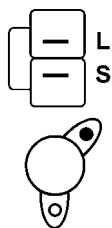


**112327** Alternator 14 V, 100 Amp

Replacing: AB195126, A0002655009

Servicing: Hyundai, Kia, Mitsubishi, Volvo

B+ M8, Grooves 4, Pulley SP, Fan IF  
A: 38.45 B: 13.00 C: 66.50 mm

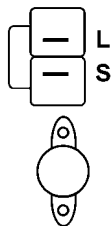

**112333** Alternator 14 V, 110 Amp

Replacing: TA000A57301, AF111364

Servicing: Hyundai

B+ M8, Grooves 2, Pulley DP, Fan IF

A: 42.20 B: 13.00 C: 55.00 mm

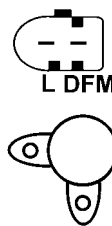

**112334** Alternator 14 V, 75 Amp

Replacing: AF185452

Servicing: Kia

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 46.00 B: 13.00 C: 80.00 mm


**112396** Alternator 14 V, 90 Amp

Replacing: SG9B042, SG9B017, 2542507, 2542239B, 2542239

Servicing: Audi, VW

B+ M8, Grooves 5, Pulley SP/FW, Fan IF

A: 30.00 B: 14.00 C: 60.85 mm

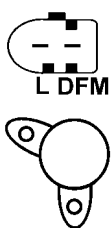

**112397** Alternator 14 V, 120 Amp

Replacing: SG12B049, SG12B012, 2542508F, 2542508E, 2542508D, 2542508C, 2542508A, 2542508, 2542234A, 2542234

Servicing: Audi, Skoda, VW

B+ M8, Grooves 5, Pulley SP/FW, Fan IF

A: 29.85 B: 14.10 C: 61.00 mm

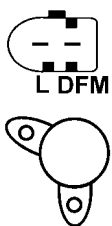

**112398#** Alternator 14 V, 70 Amp

Replacing: SG8B010, 2542238

Servicing: Audi, Skoda, VW

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 35.00 B: 14.00 C: 82.00 mm

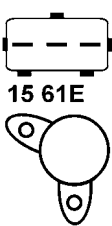

**112399** Alternator 14 V, 90 Amp

Replacing: SG9B027, SG9B011, SG9B010, 2542225B, 2542225A, 2542225

Servicing: Audi, Skoda, VW

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 34.65 B: 14.00 C: 82.50 mm

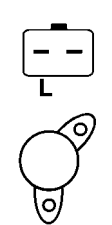

**112413** Alternator 14 V, 90 Amp

Replacing: A13VI286, A13VI190, 2542515A, 2542515, 2541961A, 2541961

Servicing: BMW

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 47.00 B: 20.00 C: 74.00 mm

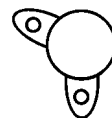

**112458** Alternator 14 V, 120 Amp

Replacing: SG10B019, SG10B010, A13VI289, A13VI285, A13VI252, 2542551A, 2542551, 2542495A, 2542495, 2542466D

Servicing: Renault

 B+ M8, Terminal W, Pulley w/o, Fan IF  
 As HC-CARGO 114791, but without pulley

B: 27.50 C: 66.50 mm

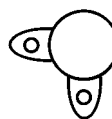

**112460** Alternator 14 V, 150 Amp

Replacing: TG15C115, SG15S022, SG15S021, SG15S016, A14VI42, A14VI27, 2543492, 2542684A, 2542684, 2542681A

Servicing: Citroen, Fiat, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 43.60 B: 22.00 C: 45.60 mm

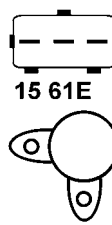

**112461** Alternator 14 V, 150 Amp

Replacing: TG15C116, SG15S018, A14VI41, A14VI35, 2543493, 2542564A, 2542564, 2542500A, 2542500, 2542351B

Servicing: Alfa Romeo, Citroen, Fiat, Lancia, Peugeot, Suzuki

 B+ M8, Grooves 6, Pulley w/o, Fan IF  
 As HC-CARGO 114798, but without pulley

A: 42.50 B: 22.30 C: 45,20 mm


**112462** Alternator 14 V, 120 Amp

Replacing: A14VI28, 2542251B, 2542251A, 2542251

Servicing: BMW, Land Rover, MG, Rover

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 60.00 B: 27.85 C: 75.00 mm


**112465** Alternator 14 V, 100 Amp

Replacing: A13VI287, A13VI200, 2542516A, 2542516, 2541962A, 2541962

Servicing: BMW

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 46.30 B: 20.00 C: 73.50 mm

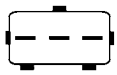


**112467** Alternator 14 V, 90 Amp

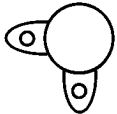
Replacing: A13VI273, A13VI142, 2542375, 2541863

Servicing: Citroen, Peugeot

B+ M8, Grooves 5, Pulley SP, Fan IF  
A: 55.00 B: 26.60 C: 56.70 mm



**15 61E**



**112468** Alternator 14 V, 150 Amp

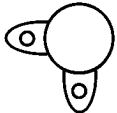
Replacing: SG15S030, A14VI53, A14VI52, A14VI29, A14S055, A14S054, 2542826A, 2542826, 2542824, 2542812A

Servicing: BMW, Opel, Vauxhall

B+ M8, Grooves 5, Pulley SP, Fan IF  
A: 60.70 B: 27.80 C: 75.00 mm



**L DF/DFM**

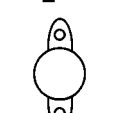


**112469** Alternator 14 V, 90 Amp

Replacing: TG9B028, SG10B022, A13VI277, A13VI242, 2543215A, 2543215, 2542490A, 2542490, 2542397B, 2542397

Servicing: Citroen, Fiat, Peugeot, Toyota

B+ M8, Grooves 6, Pulley SP, Fan IF  
A: 42.50 B: 22.20 C: 45.60 mm



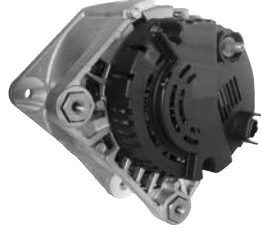
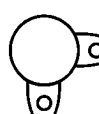
**112470** Alternator 14 V, 110 Amp

Replacing: A13VI253, 2542327B, 2542327

Servicing: Renault

B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 47.00 B: 27.50 C: 66.50 mm



**112471** Alternator 14 V, 125 Amp

Replacing: SG12B123, SG12B110, SG12B096, SG12B071, SG12B017, 2543639, 2543558, 2543384A, 2543384, 2543339A

Servicing: Nissan, Opel, Renault, Vauxhall, Volvo

B+ M8, Grooves 6, Pulley SP/FW, Fan IF  
A: 32.50 B: 13.50 C: 60.90 mm



**15 61E**



**112472** Alternator 14 V, 100 Amp

Replacing: SG12B080, A13VI234, 2542797B, 2542797A, 2542797, 2542265B, 2542265A, 2542265

Servicing: BMW, Land Rover, MG, Rover

B+ M8, Grooves 5, Pulley SP, Fan IF  
A: 61.00 B: 28.00 C: 75.40 mm



**112480** Alternator 14 V, 90 Amp

Replacing: SG10B021, A13VI204, 2542489A, 2542489, 2541971B, 2541971

Servicing: Citroen, Fiat, Lancia, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 44.00 B: 22.00 C: 46.00 mm



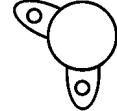
**112529** Alternator 14 V, 90 Amp

Replacing: A13VI99, A13VI197, A13VI175, A13VI134, 2541959, 2541919B, 2541919, 2541838A, 2541838, 2541775B

Servicing: Daewoo, John Deere, Mercedes-Benz, Ssangyong

B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 92.00 B: 56.10 mm



**112530** Alternator 14 V, 120 Amp

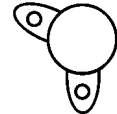
Replacing: TA000A33001

Servicing: Daewoo, Mercedes-Benz, Ssangyong

B+ M8, Grooves 6, Pulley SP, Fan IF  
A: 92.50 B: 56.10 mm



**L DFM**



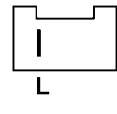
**112535** Alternator 14 V, 120 Amp

Replacing: SG12B027, 2542345C, 2542345

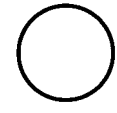
Servicing: Mercedes-Benz

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 91.95 B: 56.00 mm



**L**

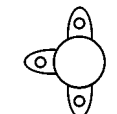


**112548** Alternator 14 V, 60 Amp

Replacing: A13N271

Servicing: KHD

B+ M6, Terminal W, Pulley w/o, Fan w/o



**112557** Alternator 14 V, 120 Amp

Replacing: A13VI152, A13VI151, A13VI118, 2541880B, 2541880, 2541879B, 2541879A, 2541879, 2541809A, 2541809

Servicing: Renault, Volvo

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 47.80 B: 21.00 C: 55.50 mm





**112648** Alternator 14 V, 70 Amp  
 Replacing: A11VI108, A11VI102, 2542398B, 2542398, 2542305  
 Servicing: Citroen, Peugeot  
 B+ M8, Grooves 5, Pulley SP, Fan IF  
 A: 75.00 B: 56.00 mm



**112657** Alternator 28 V, 60 Amp  
 Replacing: 390086, 21EA00040  
 Servicing: Various Industrial applications  
 B+ M6, Grooves 8, Pulley SP, Fan EF  
*One wire hookup(self-exciting) type.*  
 A: 42.75 B: 14.85 C: 101.00 mm



**112679** Alternator 14 V, 110 Amp  
 Replacing: A13VI57, A13VI210, A13VI167, A13VI164, A13VI153, 2541982C, 2541982, 2541906B, 2541906, 2541903  
 Servicing: Renault, Volvo  
 B+ M6, Terminal W, Grooves 6, Pulley SP, Fan IF  
 A: 46.50 B: 27.70 C: 66.30 mm



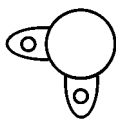
**112681** Alternator 14 V, 80 Amp  
 Replacing: A13VI72, 2541678C, 2541678B, 2541678  
 Servicing: Citroen, Fiat  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 52.00 B: 27.00 C: 69.00 mm



**112682<sup>#</sup>** Alternator 14 V, 110 Amp  
 Replacing: A13VI55, A13VI163, 2541608  
 Servicing: Renault  
 B+ M6, Terminal W, Grooves 4, Pulley SP, Fan IF  
 A: 54.00 B: 27.00 C: 68.50 mm



**112683** Alternator 14 V, 105 Amp  
 Replacing: A14V13, 2541682, 2521682  
 Servicing: BMW  
 B+ M8, Grooves 1, Pulley P, Fan EF  
 A: 72.40 B: 16.00 C: 82.00 mm



**112687** Alternator 14 V, 80 Amp  
 Replacing: A13VI54, 2541494A, 2541494  
 Servicing: BMW  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 69.00 B: 28.00 C: 76.50 mm



**112688** Alternator 14 V, 95 Amp  
 Replacing: A13VI94, A13VI274, A13VI261, A13VI258, A13VI231, 2542376A, 2542376, 2542358A, 2542358, 2542352  
 Servicing: Alfa Romeo, Citroen, Fiat, Lancia, Peugeot  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 92.50 B: 55.80 mm



**112689** Alternator 14 V, 55 Amp  
 Replacing: SG6S010, 2542350  
 Servicing: Opel, Vauxhall  
 B+ M8, Grooves 1, Pulley P, Fan IF  
 A: 53.00 B: 34.00 C: 59.00 mm



**112695<sup>#</sup>** Alternator 14 V, 80 Amp  
 Replacing: A13VI184, A13VI104, A11VI85, A11VI61, 2541938, 2541937A, 2541937, 2541797E, 2541797, 2541788E  
 Servicing: Renault  
 B+ M6, Grooves 3, Pulley SP, Fan IF  
 A: 52.50 B: 26.80 C: 66.40 mm

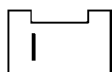


**112696** Alternator 14 V, 80 Amp  
 Replacing: A13VI64, A13VI165, 2541641  
 Servicing: Renault, Volvo  
 B+ M6, Terminal W, Grooves 6, Pulley SP, Fan IF  
 A: 46.50 B: 26.60 C: 66.50 mm



**112703** Alternator 14 V, 120 Amp  
 Replacing: A14VI13, 2541760B, 2541760  
 Servicing: Citroen, Fiat, Peugeot  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 92.00 B: 56.00 mm





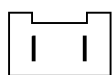
**112705<sup>#</sup>** Alternator 14 V, 70 Amp

Replacing: A13N207

Servicing: Rover

B+ M6, Terminal W, Grooves 5, Pulley SP, Fan EF

A: 45.75 B: 27.00 C: 66.00 mm



**112728** Alternator 14 V, 55 Amp

Replacing: A13N104, 2541465

Servicing: Renault

B+ M6, Grooves 1, Pulley P, Fan EF

A: 102.00 B: 56.00 mm



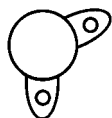
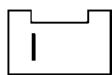
**112735** Alternator 14 V, 45 Amp

Replacing: 2940373A, 2940373, 2940310A, 2940310

Servicing: Audi, VW

B+ M8, Terminal W, Grooves 1, Pulley P, Fan EF

A: 109.50 B: 56.30 mm



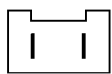
**112739** Alternator 14 V, 50 Amp

Replacing: A13N50

Servicing: Renault

B+ M6, Grooves 1, Pulley P, Fan EF

A: 56.00 B: 27.00 C: 66.00 mm



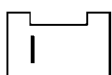
**112744** Alternator 14 V, 60 Amp

Replacing: A13N89, A13N124, A13N120, 2541466

Servicing: Renault, Volvo

B+ M6, Grooves 5, Pulley SP, Fan EF

A: 45.00 B: 27.00 C: 66.00 mm



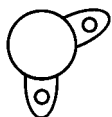
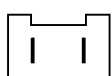
**112754** Alternator 14 V, 70 Amp

Replacing: A13N216, A13N176, A13N130, 2541364, 2541170, 2180675

Servicing: Citroen, Peugeot

B+ M6, Grooves 1, Pulley P, Fan EF

A: 95.00 B: 56.00 mm



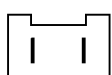
**112755<sup>#</sup>** Alternator 14 V, 90 Amp

Replacing: A14N96, A14N117, 2518086

Servicing: Eagle, Renault

B+ M6, Grooves 5, Pulley SP, Fan EF

A: 49.00 B: 26.80 C: 64.50 mm



**112756** Alternator 14 V, 60 Amp

Replacing: A13N157, 2541257, 2541117

Servicing: Renault

B+ M6, Grooves 1, Pulley P, Fan EF

A: 56.00 B: 27.00 C: 65.00 mm



**112758<sup>#</sup>** Alternator 28 V, 75 Amp

Replacing: A14N205, A14N160, A14N138, A14N104, 57158, 2541849, 2541329, 2541178

Servicing: Scania

B+ M8, Terminal W, Pulley w/o, Fan w/o

B: 27.00 C: 67.30 mm



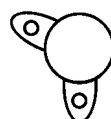
**112763** Alternator 14 V, 55 Amp

Replacing: 2541645, 2541439, 2541221

Servicing: Seat, VW

B+ M8, Grooves 1, Pulley P, Fan EF

A: 78.50 B: 56.00 mm



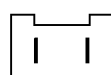
**112764<sup>#</sup>** Alternator 14 V, 90 Amp

Replacing: A14V04, 2541115

Servicing: BMW

B+ M8, Grooves 1, Pulley P, Fan EF

A: 60.80 B: 15.80 C: 80.50 mm



**112769** Alternator 14 V, 60 Amp

Replacing: A13N209, A13N206, A13N161, 2541328, 2541313

Servicing: Renault

B+ M6, Grooves 6, Pulley SP, Fan EF

A: 46.50 B: 26.80 C: 70.00 mm


**112772** Alternator 14 V, 120 Amp

Replacing: A14VI31, A14VI30, A14VI10, 2542267, 2542262A, 2542262, 2541711C, 2541711B, 2541711

Servicing: Citroen, Fiat, Lancia, Peugeot  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 41.70 B: 26.70 C: 66.80 mm


**112782** Alternator 14 V, 80 Amp

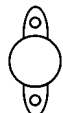
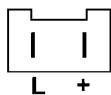
Replacing: A13VI96, A13VI83, A13VI46, A13VI27, 2541767C, 2541767A, 2541767, 2541724, 2541447A, 2541447

Servicing: Citroen, Peugeot  
 B+ M8, Grooves 5, Pulley SP, Fan IF  
 A: 75.00 B: 56.00 mm


**112793<sup>#</sup>** Alternator 14 V, 70 Amp

Replacing: A11VI58, A11VI57, A11VI53, A11VI52, A11VI49, A11VI33, A11VI32, A11VI23, 2541765A, 2541765, 2541733

Servicing: Citroen, Fiat, Lancia, Peugeot  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 42.00 B: 27.00 C: 72.00 mm


**112795<sup>#</sup>** Alternator 14 V, 90 Amp

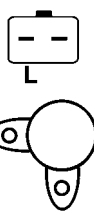
Replacing: A14N164, A14N132, 2541327, 2541127

Servicing: Renault  
 B+ M6, Terminal W, Grooves 6, Pulley SP, Fan EF  
 A: 46.00 B: 27.00 C: 66.00 mm


**112800** Alternator 14 V, 95 Amp

Replacing: A13VI18, 2541321H, 2541321F, 2541321E, 2541321

Servicing: BMW  
 B+ M8, Grooves 5, Pulley SP, Fan IF  
 A: 77.50 B: 56.00 mm


**113245** Alternator 14 V, 125 Amp

Replacing: SG12B122, SG12B107, SG12B097, SG12B072, SG12B068, SG12B030, 2543557B, 2543557, 2543386, 2543338A

Servicing: Nissan, Opel, Renault, Vauxhall  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 33.00 B: 13.90 C: 60.70 mm


**113246** Alternator 14 V, 90 Amp

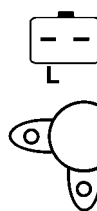
Replacing: TG9B065, SG10B023, A13VI283, 2607211A, 2607211, 2542491A, 2542491, 2542429

Servicing: Citroen, Peugeot  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 42.50 B: 22.00 C: 45.40 mm


**113247** Alternator 14 V, 120 Amp

Replacing: SG12B040, 2542441D, 2542441A, 2542441

Servicing: Citroen, Fiat, Peugeot  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 52.00 B: 27.00 C: 68.50 mm


**113248** Alternator 14 V, 120 Amp

Replacing: SG12B116, SG12B108, SG12B095, SG12B050, 2543441A, 2543441, 2543387A, 2543387, 2543340A, 2543340

Servicing: Nissan, Opel, Renault, Vauxhall, Volvo

B+ M8, Grooves 5, Pulley SP/FW, Fan IF  
 A: 36.00 B: 14.00 C: 60.75 mm


**113249** Alternator 14 V, 125 Amp

Replacing: SG12B055, 2542573E, 2542573D, 2542573C, 2542573A, 2542573

Servicing: Renault  
 B+ M8, Grooves 6, Pulley SP/FW, Fan IF  
 A: 32.50 B: 13.80 C: 61.20 mm


**113250** Alternator 14 V, 70 Amp

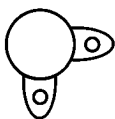
Replacing: TG7S015, TG7S013, TG7S011, SG7S016, A11VI109, 2607209A, 2607209, 2543520, 2542921, 2542485A

Servicing: Citroen, Peugeot  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 42.00 B: 22.00 C: 45.50 mm


**113251** Alternator 14 V, 150 Amp

Replacing: SG15L026, SG15L012, 2542771B, 2542771, 2542524A, 2542524

Servicing: Mercedes-Benz  
 B+ M8, Grooves 5, Pulley SP/FW, Fan IF  
 Water cooled.  
 A: 30.00 B: 151.50 C: 43.00 mm



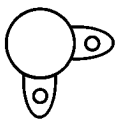
**113252** Alternator 14 V, 140 Amp

Replacing: SG14B011, 2542496C, 2542496B, 2542496

Servicing: Audi, VW

B+ M8, Pulley w/o, Fan IF

B: 14.50 C: 61.50 mm



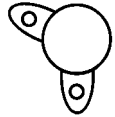
**113253** Alternator 14 V, 90 Amp

Replacing: SG9B057, SG9B048, SG8B026, SG8B023, 2542747F, 2542747B, 2542747A, 2542747, 2542746E, 2542746B

Servicing: Seat, Skoda, VW

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 29.40 B: 13.85 C: 60.75 mm



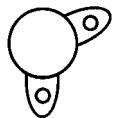
**113283** Alternator 14 V, 120 Amp

Replacing: SG12B018, 2542295A, 2542295

Servicing: Audi, Skoda, VW

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 34.25 B: 14.00 C: 82.00 mm



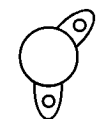
**113300** Alternator 14 V, 120 Amp

Replacing: SG12B021, 2542317C, 2542317A, 2542317

Servicing: Mercedes-Benz

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 92.00 B: 56.00 mm



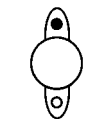
**113302** Alternator 14 V, 120 Amp

Replacing: SG12B060, SG12B023, 2542572A, 2542572, 2542319D, 2542319

Servicing: Mercedes-Benz

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 82.00 B: 56.00 mm



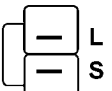
**113317** Alternator 14 V, 80 Amp

Replacing: A0002655221

Servicing: Nissan

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 38.20 B: 13.00 C: 80.90 mm



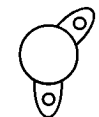
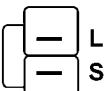
**113330** Alternator 14 V, 75 Amp

Replacing: TA000A57401, AF175476, AF175363

Servicing: Hyundai, Kia

B+ M8, Grooves 2, Pulley DP, Fan IF

A: 42.00 B: 13.10 C: 55.00 mm



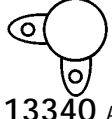
**113331** Alternator 14 V, 110 Amp

Replacing: TA000A61201, TA000A56901, AF111390, AF111225, 2655721

Servicing: Hyundai, Kia

B+ M8, Grooves 5, Pulley SP/FW, Fan IF

A: 46.40 B: 13.00 C: 80.80 mm



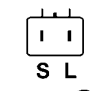
**113340** Alternator 14 V, 70 Amp

Replacing: SG8B027, 2542244

Servicing: Audi, Seat, Skoda, VW

B+ M8, Grooves 6, Pulley SP/FW, Fan IF

A: 39.00 B: 14.00 C: 62.00 mm



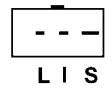
**113343** Alternator 14 V, 65 Amp

Replacing: TA000A58201, AD165471, AD165454, AD165444, AD165440, AD165439, AD165206

Servicing: Hyundai

B+ M6, Grooves 1, Pulley P, Fan EF

A: 44.50 B: 13.00 C: 54.70 mm



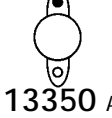
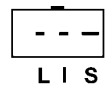
**113349** Alternator 14 V, 85 Amp

Replacing: 219202, 219138

Servicing: Daewoo

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 36.00 B: 13.00 C: 81.50 mm



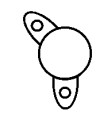
**113350** Alternator 14 V, 85 Amp

Replacing: 219139

Servicing: Chevrolet, Daewoo

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 36.00 B: 13.20 C: 81.30 mm



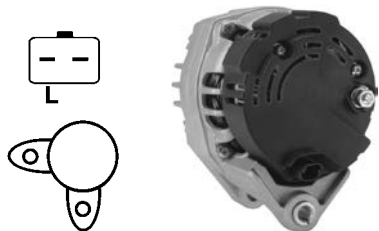
**113382** Alternator 14 V, 60 Amp

Replacing: A13N285M, A13N285

Servicing: Volvo Penta

B+ M6, Terminal W, Pulley w/o, Fan EF

B: 50.50 mm

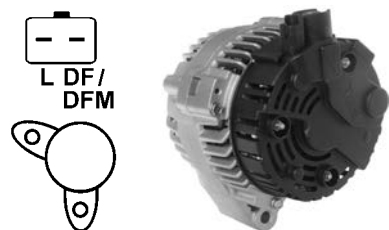

**113403** Alternator 14 V, 75 Amp

Replacing: SG7S070, SG7S012, A11VI110, 2543550, 2542540D, 2542540C, 2542540, 2542464A, 2542464

Servicing: Nissan, Renault

B+ M8, Grooves 3, Pulley SP, Fan IF

A: 53.50 B: 27.00 C: 66.60 mm

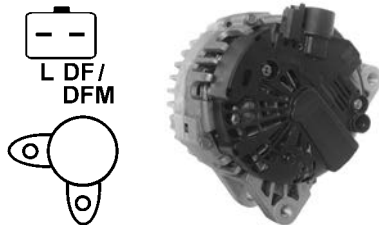

**113404** Alternator 14 V, 90 Amp

Replacing: A13VI288, A13VI279, A13VI278, A13VI256, A13VI246, 2542525A, 2542525, 2542400, 2542399B, 2542399

Servicing: Citroen, Peugeot

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 75.00 B: 56.30 mm

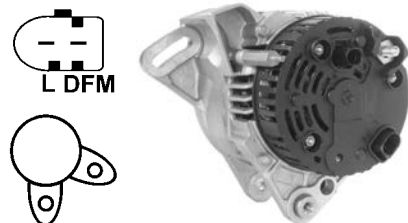

**113405** Alternator 14 V, 70 Amp

Replacing: TG9B043, TG7S014, TG7S010, SG7S015, A11VI99, A11VI106, 2607208A, 2607208, 2543521A, 2543521

Servicing: Citroen, Peugeot

B+ M8, Terminal DF, Grooves 6, Pulley SP, Fan IF

A: 42.50 B: 22.00 C: 45.50 mm


**113406** Alternator 14 V, 90 Amp

Replacing: A13VI241, 2542294A, 2542294

Servicing: VW

B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 39.00 B: 13.70 C: 60.75 mm

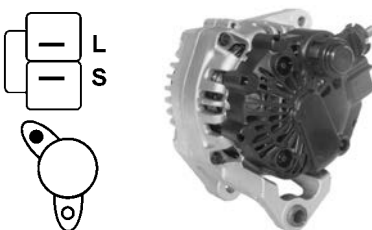

**113407** Alternator 14 V, 150 Amp

Replacing: A14VI47, A14VI46, A14VI45, A14VI34, 2542852, 2542605C, 2542605, 2542602C, 2542602A, 2542602

Servicing: BMW

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 61.00 B: 27.90 C: 75.10 mm


**113439** Alternator 14 V, 90 Amp

Replacing: 2541741B, 2541741

Servicing: Nissan

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 38.30 B: 25.00 C: 81.00 mm

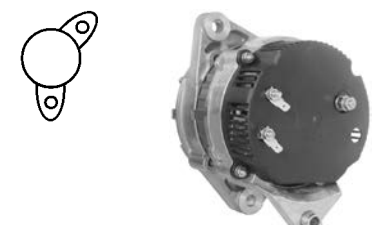

**113471** Alternator 14 V, 65 Amp

Replacing: A13E63

Servicing: Fiat, Lancia

B+ M6, Terminal W, Grooves 4, Pulley SP, Fan EF

A: 54.40 B: 32.00 mm

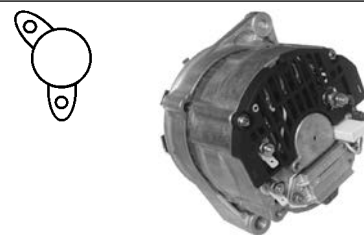

**113472** Alternator 14 V, 65 Amp

Replacing: A13E67, A13E66

Servicing: Fiat, Innocenti, Lancia

B+ M6, Terminal W, Grooves 4, Pulley SP, Fan EF

A: 49.00 B: 24.90 C: 77.45 mm

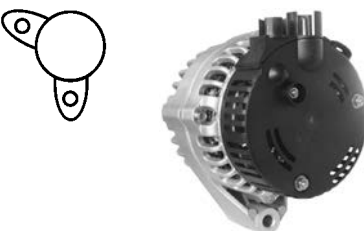

**113477** Alternator 28 V, 55 Amp

Replacing: A14N81M, A14N47M, A14N137M, A14N119M, A14N112M, A14N100M, A14N100, 2541168, 2181991

Servicing: DAF, Volvo, Volvo BM, Volvo Penta

B+ M6, Terminal W, Pulley w/o, Fan EF, Insulated return

B: 50.80 mm

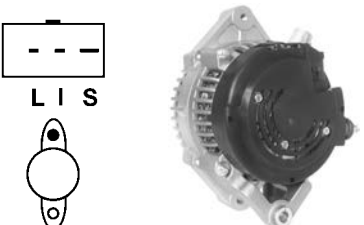

**113485** Alternator 14 V, 80 Amp

Replacing: A13VI95, A13VI260, A13VI230, 2542357, 2542253, 2541759

Servicing: Citroen, Fiat, Lancia, Peugeot, Suzuki

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 92.00 B: 56.00 mm

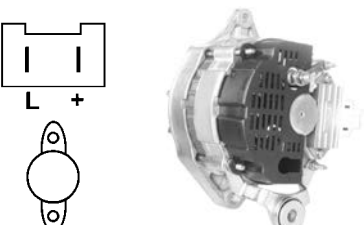

**113498** Alternator 14 V, 80 Amp

Replacing: 219199, 219137

Servicing: Chevrolet, Daewoo, Lancia

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 50.65 B: 33.65 C: 58.60 mm

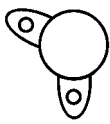

**113500** Alternator 14 V, 70 Amp

Replacing: A13N164, A13N163, 2541124

Servicing: Renault

B+ M6, Terminal W, Grooves 6, Pulley SP, Fan EF

A: 46.50 B: 27.00 C: 65.60 mm



**113503** Alternator 14 V, 120 Amp

Replacing: SG12S055, 2542547  
 Servicing: Citroen, Fiat, Peugeot  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 43.00 B: 22.20 C: 45.00 mm



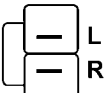
**113510** Alternator 14 V, 140 Amp

Replacing: TG15C043, TG15C011, SG14B013, SG14B012, A14VI36, 2542587B, 2542587, 2542497C, 2542497B, 2542497A  
 Servicing: Audi, Skoda, VW  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 30.00 B: 14.10 C: 82.00 mm



**113517** Alternator 14 V, 110 Amp

Replacing: TA000A44301, AB195141  
 Servicing: Hyundai  
 B+ M8, Grooves 4, Pulley SP, Fan IF  
 A: 38.25 B: 13.00 C: 66.50 mm



**113518** Alternator 14 V, 60 Amp

Replacing: TA000A17301, AB160108  
 Servicing: Hyundai  
 B+ M8, Grooves 4, Pulley SP, Fan IF  
 A: 38.00 B: 13.10 C: 48.30 mm



**113519** Alternator 14 V, 90 Amp

Replacing: TA000A58602, AF190217, AF190216, AF175385, AF175362, AF175207  
 Servicing: Hyundai, Mitsubishi  
 B+ M6, Grooves 2, Pulley DP, Fan IF  
 A: 42.00 B: 13.00 C: 54.90 mm



**113574** Alternator 14 V, 65 Amp

Replacing: NA066  
 Servicing: Case, New Holland, Valtra  
 B+ Plug, Terminal W, Grooves 1, Pulley P, Fan EF  
 A: 36.85 B: 10.40 C: 83.00 mm



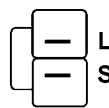
**113575** Alternator 14 V, 80 Amp

Replacing: TG9B064, TG9B045, TG9B024, SG9B066, SG9B065, SG9B063, SG8B021, SG09B063, A13VI276, A13VI236  
 Servicing: Citroen, Fiat, Peugeot  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 42.00 B: 22.00 C: 45.00 mm



**113577** Alternator 14 V, 75 Amp

Replacing: SG7S074, SG7S028, A11VI98, A11VI111, 2542480A, 2542480, 2542252A, 2542252  
 Servicing: Renault  
 B+ M8, Grooves 4, Pulley SP, Fan IF  
 A: 46.15 B: 27.00 C: 64.70 mm



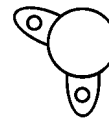
**113600** Alternator 14 V, 90 Amp

Replacing: TA000A48402, TA000A48401  
 Servicing: Bobcat  
 B+ M8, Grooves 1, Pulley P, Fan IF  
 A: 37.50 B: 13.00 C: 57.70 mm



**113603** Alternator 14 V, 80 Amp

Replacing: SG8B020, A13VI203, 2542486A, 2542486, 2541970A, 2541970  
 Servicing: Citroen, Fiat, Peugeot  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 42.00 B: 22.00 C: 46.00 mm



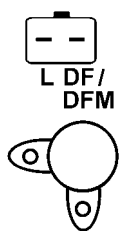
**113604** Alternator 14 V, 95 Amp

Replacing: A13VI263, A13VI233, A13VI101, 2542356A, 2542356, 2542256, 2541784B, 2541784A, 2541784  
 Servicing: Citroen, Fiat, Lancia, Peugeot  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 92.70 B: 56.00 mm



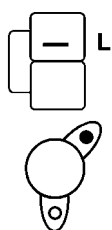
**113633** Alternator 14 V, 55 Amp

Replacing: M39590, A000B0341  
 Servicing: Various  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 56.00 B: 27.40 mm


**113640** Alternator 14 V, 150 Amp

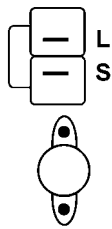
Replacing: TG15C118, TG15C053, TG15C028, TG15C020, TC15C020, SG15S024, A14VI49, A14VI48, 2543526A, 2543526

Servicing: Citroen, Fiat, Lancia, Peugeot  
B+ M8, Grooves 6, Pulley SP/FW, Fan IF  
A: 43.00 B: 21.20 C: 45.80 mm


**113652** Alternator 14 V, 110 Amp

Replacing: AB195133, AB195116, AB1950133, AB1950116, A000265516, A000265516, 2655516

Servicing: Hyundai, Kia  
B+ M8, Grooves 6, Pulley SP, Fan IF  
A: 43.30 B: 23.15 C: 44.40 mm


**113656** Alternator 14 V, 90 Amp

Replacing: AB180140

Servicing: Kia  
B+ M6, Grooves 4, Pulley SP, Fan IF  
A: 37.50 B: 13.20 C: 66.90 mm


**113657** Alternator 14 V, 90 Amp

Replacing: AB190147, A0002655023, 2608371, 2455023

Servicing: Hyundai, Kia  
B+ M8, Grooves 4, Pulley SP, Fan IF  
A: 34.60 B: 13.10 C: 55.20 mm


**113720** Alternator 14 V, 75 Amp

Replacing: TG8S023, TG8S022, TG8S016, TG8S014, TG8S013, TG8S012, 2606333A, 2606333, 2543481, 2543480A, 2543480

Servicing: Fiat, Lancia, Opel, Suzuki, Vauxhall  
B+ M8, Grooves 6, Pulley SP/FW, Fan IF  
A: 41.50 B: 64.00 C: 55.00 mm


**113721** Alternator 14 V, 75 Amp

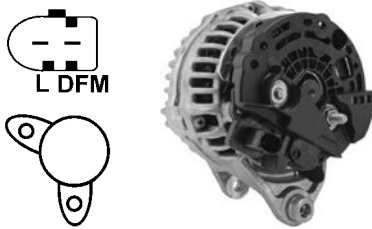
Replacing: TG8S021, TG8S010, 2543484A, 2543484, 2542671B, 2542671A, 2542671

Servicing: Fiat, Lancia  
B+ M8, Grooves 6, Pulley SP, Fan IF  
A: 41.00 B: 64.40 C: 55.00 mm


**113722** Alternator 14 V, 90 Amp

Replacing: TG9S036, TG9S022, TG9S021, TG9S016, TG9S015, TG9S010, 2606334, 2543477A, 2543477, 2542884C

Servicing: Alfa Romeo, Fiat, Lancia, Opel, Suzuki, Vauxhall  
B+ M8, Grooves 6, Pulley SP/FW, Fan IF  
A: 40.20 B: 64.15 C: 56.00 mm


**113751** Alternator 14 V, 120 Amp

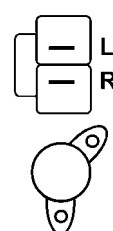
Replacing: SG12B054, SG12B025, SG12B011, 2542546B, 2542546, 2542324D, 2542324A, 2542324, 2542233C, 2542233A

Servicing: Audi, VW  
B+ M8, Grooves 6, Pulley SP, Fan IF  
A: 30.00 B: 14.00 C: 82.00 mm


**113755** Alternator 14 V, 150 Amp

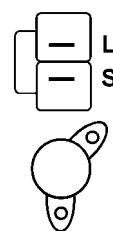
Replacing: TG15C119, TG15C054, TG15C022, SG15S017, A14VI40, 2543527, 2542925A, 2542925, 2542704A, 2542704

Servicing: Citroen, Fiat, Lancia, Peugeot, Suzuki, Toyota  
B+ M8, Grooves 6, Pulley SP, Fan IF  
A: 43.00 B: 21.00 C: 45.10 mm


**113791** Alternator 14 V, 70 Amp

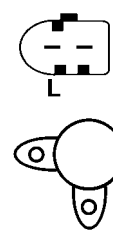
Replacing: TA000A55601, 2655517

Servicing: Hyundai, Kia  
B+ M8, Grooves 4, Pulley SP, Fan IF  
A: 38.50 B: 13.00 C: 48.00 mm


**113792** Alternator 14 V, 110 Amp

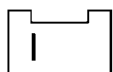
Replacing: TA000A62401, TA000A48201, AF111393, AF111382

Servicing: Hyundai, Kia  
B+ M8, Grooves 7, Pulley SP/FW, Fan IF  
A: 43.00 B: 16.00 C: 55.00 mm


**113835** Alternator 14 V, 120 Amp

Replacing: SG12B024, 2542320B, 2542320A, 2542320

Servicing: Mercedes-Benz  
B+ M8, Grooves 6, Pulley SP, Fan IF  
A: 82.40 B: 56.00 mm



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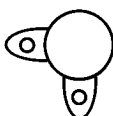
**113839#** Alternator 14 V, 70 Amp

Replacing: A13N242, A13N238, A13N233, A13N179, A13N138, 2541491, 2541478, 2541446, 2541174

Servicing: Volvo

B+ M6, Terminal W, Grooves 3, Pulley SP

A: 46.50 B: 27.00 C: 70.00 mm



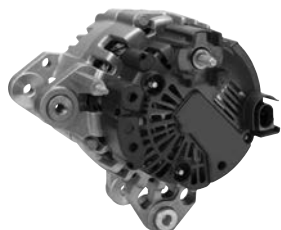
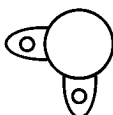
**113858** Alternator 14 V, 150 Amp

Replacing: TG15C098, TG15C018, 2543413A, 2543413, 2543292, 2542685B, 2542685

Servicing: BMW

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 69.00 B: 28.00 C: 77.00 mm



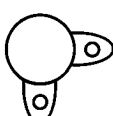
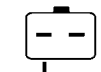
**113861** Alternator 14 V, 110 Amp

Replacing: TG11C048, 2543291

Servicing: Audi, Seat, Skoda, VW

B+ M8, Grooves 6, Pulley SP/FW, Fan IF

A: 29.20 B: 14.30 C: 60.50 mm



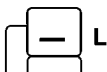
**113862** Alternator 14 V, 125 Amp

Replacing: TG12C094, SG12B105, SG12B089, 2607395A, 2607395, 2543378C, 2543378, 2542946

Servicing: Dacia, Nissan, Renault

B+ M8, Grooves 6, Pulley SP/FW, Fan IF

A: 38.35 B: 14.00 C: 61.00 mm



**113863** Alternator 14 V, 90 Amp

Replacing: A0002655103, 2655103

Servicing: Hyundai, Kia, Nissan

B+ M8, Grooves 5, Pulley SP/FW, Fan IF

A: 32.50 B: 13.20 C: 51.00 mm



**113864#** Alternator 14 V, 90 Amp

Replacing: NA473, A13VI61, 2541620B, 2541620A, 2541620

Servicing: BMW

B+ M8, Pulley w/o, Fan w/o

A: 16.00 C: 79.85 mm



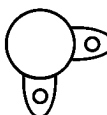
**113868** Alternator 14 V, 95 Amp

Replacing: A13VI97, 2541770A, 2541770

Servicing: BMW

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 77.50 B: 56.00 mm



**113870** Alternator 14 V, 70 Amp

Replacing: SG8B017, 2542279C, 2542279

Servicing: Seat, Skoda, VW

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 38.80 B: 14.00 C: 60.95 mm



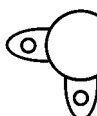
**113871** Alternator 14 V, 150 Amp

Replacing: SG9B050, SG14B017, 2542753B, 2542753, 2542608

Servicing: BMW, Porsche

B+ M8, Grooves 6, Pulley SP/FW, Fan IF

A: 29.60 B: 62.85 C: 41.65 mm



**113874** Alternator 14 V, 110 Amp

Replacing: TG11C014, 2542696C, 2542696

Servicing: Seat, Skoda, VW

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 39.30 B: 14.15 C: 61.15 mm



**113877** Alternator 14 V, 120 Amp

Replacing: TG12C026, SG12B062, 2543296A, 2543296, 2542582B, 2542582A, 2542582

Servicing: Mercedes-Benz

B+ M8, Grooves 7, Pulley SP/FW, Fan IF

A: 30.50 B: 69.90 C: 56.55 mm



**113878** Alternator 14 V, 120 Amp

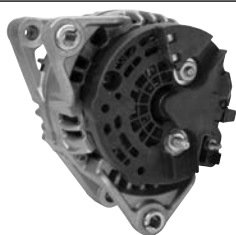
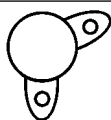
Replacing: SG12B075, SG12B047, 2542738B, 2542738A, 2542738, 2542509C, 2542509

Servicing: Audi, BMW

B+ M8, Grooves 6, Pulley SP/FW, Fan IF

A: 28.00 B: 70.00 C: 56.00 mm




**113879** Alternator 14 V, 100 Amp

 Replacing: SG7S020, 2542545A, 2542545  
 Servicing: Opel, Vauxhall

 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 50.50 B: 33.50 C: 57.00 mm

**113881** Alternator 14 V, 150 Amp

 Replacing: TG15C064, TG15C038, TG15C012,  
 2543236A, 2543236, 2542852, 2542672B,  
 2542672

Servicing: BMW, Land Rover

 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 60.65 B: 27.95 C: 76.00 mm

**113882** Alternator 14 V, 120 Amp

 Replacing: SG12B074, SG12B010, 2574347,  
 2542680C, 2542680, 2542232D, 2542232A,  
 2542232

Servicing: Audi, VW

 B+ M8, Grooves 5, Pulley SP/FW, Fan IF  
 A: 34.40 B: 14.00 C: 82.60 mm

**113883** Alternator 14 V, 90 Amp

Replacing: TG9C013, 2542736A, 2542736

Servicing: Ford

 B+ M6, Grooves 6, Pulley SP, Fan IF,  
 Not Insulated return

A: 39.58 B: 54.87 C: 74.00 mm


**113887** Alternator 14 V, 90 Amp

 Replacing: SG9B055, SG9B018, 2542650A,  
 2542650, 2542260A, 2542260

Servicing: Audi

 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 40.00 B: 14.00 C: 61.00 mm

**113896** Alternator 14 V, 170 Amp

 Replacing: TG17C048, TG17C011,  
 TG17C010B, TG17C010, 2543304A, 2543304,  
 2542613C, 2542613, 2542611B, 2542611A

Servicing: BMW

 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 60.50 B: 27.90 C: 75.90 mm

**113919** Alternator 14 V, 125 Amp

 Replacing: SG12B109, SG12B098, SG12B081,  
 SG12B052, 2543385, 2543337A, 2543337,  
 2542817B, 2542817, 2542554D

Servicing: Nissan, Renault

 B+ M8, Grooves 7, Pulley SP, Fan IF  
 A: 32.50 B: 14.20 C: 60.70 mm

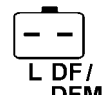
**113920** Alternator 28 V, 35 Amp

 Replacing: A13N236M, A13N236, A13N23,  
 2541476

Servicing: MAN, Mercedes-Benz, Padane

 B+ M8, Terminal W, Pulley w/o,  
 Fan w/o

B: 80.40 mm

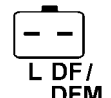

**113940** Alternator 14 V, 110 Amp

 Replacing: TG11C064, TG11C062, TG11C034,  
 TG11C011, 2543562, 2543560, 2542945,  
 2542664D, 2542664C, 2542664B

Servicing: Dacia, Nissan, Renault

 B+ M8, Pulley w/o, Fan IF  
 As HC-CARGO 114799, but without pulley

B: 14.00 C: 60.00 mm


**113946** Alternator 14 V, 90 Amp

 Replacing: TG9B066, TG9B044, TG9B026,  
 TG10B024, TG10B013, SG10B048, 2607212,  
 2543524, 2543522A, 2543522

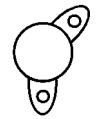
Servicing: Citroen, Fiat, Peugeot

 B+ M8, Pulley w/o, Fan IF  
 B: 21.70 C: 45.90 mm

**113948** Alternator 14 V, 150 Amp

 Replacing: TG15C023, SG15S031, 2542839A,  
 2542839, 2542705A, 2542705

Servicing: Citroen, Peugeot

 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 42.00 B: 21.50 C: 45.40 mm

**113950** Alternator 14 V, 90 Amp

 Replacing: SG9B054, 2542708B, 2542708A,  
 2542708

Servicing: Citroen, Fiat, Peugeot

 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 52.50 B: 26.40 C: 66.90 mm

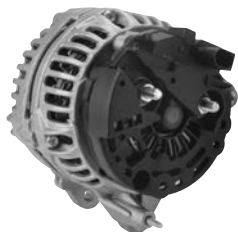




**113961** Alternator 14 V, 120 Amp  
 Replacing: A13VI243  
 Servicing: Massey Ferguson  
 B+ M6, Terminal W, Grooves 2, Pulley DP  
 A: 29.00 B: 14.30 C: 83.00 mm



**113991** Alternator 14 V, 80 Amp  
 Replacing: A13N273  
 Servicing: KHD  
 B+ M8, Terminal W, Not Insulated return  
 B: 79.80 mm



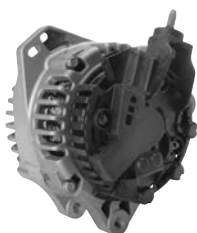
**113992** Alternator 14 V, 140 Amp  
 Replacing: TG14C026, TG14C015, TG14C011, 2607703A, 2542898, 2542695G, 2542695F, 2542695D, 2542695C, 2542695B  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Pulley w/o, Fan IF  
 As HC-CARGO 114794, but without pulley  
 B: 14.60 C: 61.30 mm



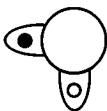
**114026** Alternator 14 V, 80 Amp  
 Replacing: A13VI85, A13VI31, 2541738C, 2541738B, 2541738, 2541360  
 Servicing: Citroen, Peugeot  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 42.00 B: 27.00 C: 66.50 mm



**114042** Alternator 14 V, 180 Amp  
 Replacing: TG17C030B, TG17C030, TG17C028, 2543289A, 2543289, 2542989A, 2542989, 2542969  
 Servicing: Jeep, Mercedes-Benz  
 B+ M8, Grooves 7, Pulley SP/FW, Fan IF  
 Can also be supplied w/ 1 plug (PLUG125).  
 A: 31.00 B: 70.00 mm



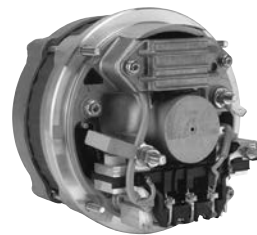
**114044** Starter/Alternator 14 V, 150 Amp  
 Replacing: ST35C010, 2603260B, 2603260  
 Servicing: Citroen  
 Grooves 6, Pulley SP, Fan IF  
 OE Valeo  
 A: 42.50 B: 22.00 C: 45.90 mm



**114045** Starter/Alternator 14 V, 120 Amp  
 Replacing: ST35C017, ST35C016, ST35C013, 2606924  
 Servicing: Smart (MCC)  
 Grooves 6, Pulley SP, Fan IF  
 OE Valeo  
 A: 42.50 B: 29.20 C: 46.80 mm



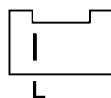
**114046** Starter/Alternator 14 V, 130 Amp  
 Replacing: ST35C015  
 Servicing: Mercedes-Benz  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 OE Valeo  
 A: 30.40 B: 60.00 mm



**114077** Alternator 28 V, 40 Amp  
 Replacing: A13N272, A13N257, A13N190  
 Servicing: KHD  
 B+ M6, Terminal W, Pulley w/o, Not Insulated return  
 Dust proof.



**114080** Alternator 14 V, 120 Amp  
 Replacing: SG12S073, 2542669A, 2542669  
 Servicing: Mini  
 B+ M8, Grooves 6, Fan IF  
 A: 19.50 B: 101.00 C: 43.00 mm



**114084** Alternator 14 V, 70 Amp  
 Replacing: A13N291, A13N260, 2541671  
 Servicing: Carrier Transcold  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 60.00 B: 40.00 mm



**114102** Alternator 14 V, 180 Amp  
 Replacing: TG17C061, TG17C041, 2543498B, 2543498A, 2543498, 2543248A, 2543248  
 Servicing: Mercedes-Benz  
 B+ M8, Grooves 6, Pulley SP/FW, Fan IF  
 A: 30.00 B: 70.00 C: 56.00 mm

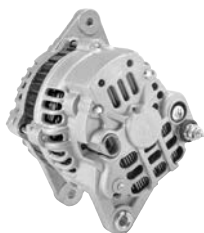

**114109** Alternator 14 V, 180 Amp

Replacing: TG17C019, FG18T033, 2605717A, 2605717, 2542783D, 2542783C, 2542783

Servicing: Audi, Seat, Skoda, VW

B+ M8, Pulley w/o, Fan IF, Not Insulated return

B: 14.50 C: 60.60 mm


**114114** Alternator 14 V, 65 Amp

Replacing: TA000A30601, AB165104, 219235

Servicing: Chevrolet, Daewoo

B+ M6, Grooves 1, Pulley P, Fan IF

A: 42.00 B: 14.35 C: 66.00 mm


**114128** Alternator 14 V, 150 Amp

Replacing: SG15S037, SG15S019, 2613270A, 2613270, 2542565B, 2542565A, 2542565

Servicing: Ford, Mazda

B+ M8, Pulley w/o, Fan IF

B: 21.00 C: 45.00 mm

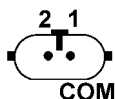

**114130** Alternator 14 V, 150 Amp

Replacing: TG15C121, TG15C057, TG15C056, TG15C034, 2543570C, 2543570B, 2543570, 2543412, 2543363, 2542952B

Servicing: Mercedes-Benz

B+ M8, Grooves 5, Pulley SP/FW, Fan IF

A: 30.00 B: 151.00 mm


**114131** Alternator 14 V, 90 Amp

Replacing: TG9B042, 2543509C, 2543509B, 2543509A, 2543509

Servicing: Renault

B+ M8, Grooves 7, Pulley SP, Fan IF, Not Insulated return

A: 32.00 B: 14.25 C: 61.00 mm


**114189** Alternator 14 V, 180 Amp

Replacing: TG17C035, TG17C021B, TG17C021, 2543293A, 2543293, 2543221D, 2543221, 2542785B, 2542785A, 2542785

Servicing: BMW

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 57.00 B: 46.00 C: 75.00 mm


**114219** Alternator 14 V, 50 Amp

Replacing: TA000A58101

Servicing: Daedong Kioti

B+ M6, Terminal W, Grooves 1, Pulley P

A: 43.00 B: 15.00 C: 66.00 mm


**114293** Alternator 14 V, 80 Amp

Replacing: TG8S024, 2543488B, 2543488A, 2543488

Servicing: Nissan

B+ M8, Grooves 4, Pulley SP, Fan IF

A: 45.50 B: 13.00 C: 67.00 mm

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**114306\*** Alternator 14 V, 180 Amp

Replacing: FG18S109, FG18S023, 2617195A, 2543539

Servicing: Fiat, Iveco

Grooves 7, Pulley SP, Fan IF


**114322** Alternator 14 V, 140 Amp

Replacing: TG14C020, 2543398A

Servicing: Audi

Grooves 6, Pulley SP/FW, Fan IF


**114352** Alternator 14 V, 130 Amp

Replacing: SG12B082, SG12B063, 2542838, 2542591

Servicing: Land Rover

B+ M8, Terminal W, Grooves 8, Pulley SP

Pulley w/ 0.5 mm spacer.

A: 83.00 B: 56.00 mm

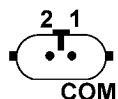

**114451** Alternator 14 V, 105 Amp

Replacing: TG9S039, TG9S011, 2543479A, 2543479, 2542729

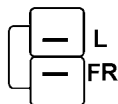
Servicing: Fiat, Ford, Lancia, Opel, Vauxhall

B+ M8, Grooves 6, Pulley SP/FW, Fan IF

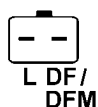
A: 41.00 B: 63.50 C: 55.00 mm



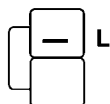
**114463** Alternator 14 V, 120 Amp  
 Replacing: TG12C078, 2606288A, 2606288  
 Servicing: Renault  
 B+ M8, Pulley w/o, Fan IF  
 B: 14.00 C: 61.00 mm



**114467** Alternator 14 V, 90 Amp  
 Replacing: 2655447  
 Servicing: Hyundai, Kia  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 33.00 B: 15.00 C: 50.50 mm



**114509** Alternator 14 V, 150 Amp  
 Replacing: TG15C058, 2542966G, 2542966F, 2542966E, 2542966D, 2542966B, 2542966  
 Servicing: Hyundai, Nissan, Opel, Renault, Vauxhall  
 B+ M8, Pulley w/o, Fan IF  
 B: 14.00 C: 61.00 mm



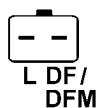
**114522** Alternator 14 V, 95 Amp  
 Replacing: SG9B025, 2542284C, 2542284B, 2542284  
 Servicing: Hyundai, Kia  
 B+ M8x1.25, Grooves 6, Pulley SP, Fan IF  
 A: 34.00 B: 23.00 C: 45.00 mm



**114524** Alternator 14 V, 180 Amp  
 Replacing: TG17C015, 2542720J, 2542720D, 2542720  
 Servicing: BMW  
 B+ M8, Grooves 6, Pulley SP/FW, Fan IF  
 A: 29.50 B: 62.50 C: 41.50 mm



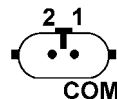
**114664** Alternator 14 V, 75 Amp  
 Replacing: A0002655301, A0002655300, 425300, 2655301, 2655300  
 B+ M8x1.25, Grooves 6, Pulley SP, Fan IF  
 A: 70.00 B: 51.00 mm



**114673** Alternator 14 V, 120 Amp  
 Replacing: SG12B103, SG12B038, 2543366, 2542470G, 2542470E, 2542470D, 2542470  
 Servicing: Dacia, Nissan, Renault  
 B+ M8x1.25, Pulley w/o, Fan IF  
 B: 14.00 C: 61.20 mm



**114697** Alternator 14 V, 180 Amp  
 Replacing: FG18T062  
 Servicing: Skoda, VW  
 B+ M8, Pulley w/o, Fan IF  
 B: 14.00 C: 61.00 mm



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**114721\*** Alternator 14 V, 150 Amp  
 Replacing: TG15C146, 2606272A, 2606272  
 Servicing: Renault  
 Grooves 6, Pulley SP/FW, Fan IF



**114722** Alternator 14 V, 140 Amp  
 Replacing: TG14C025, SG14B022, SG14B016, SG14B010, 2606237A, 2606237, 2543369, 2542739B, 2542739A, 2542739  
 Servicing: Seat, Skoda, VW  
 B+ M8, Grooves 6, Pulley SP/FW, Fan IF  
 A: 29.00 B: 70.00 C: 56.00 mm



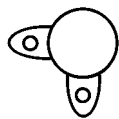
**114736** Alternator 14 V, 150 Amp  
 Replacing: TG16C011, 2542894A, 2542894  
 Servicing: Audi  
 B+ M8x1.25, Grooves 6, Pulley SP/FW, Fan IF  
 A: 29.30 B: 70.00 C: 56.00 mm



**114769** Alternator 14 V, 110 Amp  
 Replacing: TG11C015, 2542731  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 30.00 B: 14.00 C: 61.00 mm



**114797** Alternator 14 V, 120 Amp  
 Replacing: SG12B090, SG12B042, SG12B015, 2542949A, 2542949, 2542461C, 2542461A, 2542461, 2542237D, 2542237A  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 B+ M8, Terminal W, Grooves 6, Pulley SP/FW, Fan IF  
 As HC-CARGO 112002, but with pulley  
 A: 39,00 B: 14.50 C: 59.00 mm



**114798** Alternator 14 V, 150 Amp  
 Replacing: TG15C116, SG15S018, A14VI41, A14VI35, 2543493, 2542564A, 2542564, 2542500A, 2542500, 2542351  
 Servicing: Alfa Romeo, Citroen, Fiat, Lancia, Peugeot, Suzuki  
 B+ M8, Grooves 6, Pulley SP/FW, Fan IF  
 As HC-CARGO 112461, but with pulley  
 A: 42.50 B: 22.30 C: 45,20 mm



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**114848\*** Alternator 14 V, 90 Amp  
 Replacing: TG9B068, TG9B049, 2607214, 2543576A, 2543576  
 B+ M8, Grooves 6, Pulley SP/FW, Fan IF  
 A: 42.50 B: 21.50 C: 46.00 mm



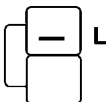
**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**114857** Alternator 14 V, 90 Amp  
 Replacing: 2655635  
 Servicing: Hyundai, Kia, Vauxhall  
 Grooves 4, Pulley SP, Fan IF



**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**114866\*** Alternator 14 V, 120 Amp  
 Replacing: TG12C038, 2543427A  
 Grooves 6, Pulley SP/FW, Fan IF



**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**114877** Alternator 14 V, 80 Amp  
 Replacing: TG8C011, 2542694B, 2542694A, 2542694  
 Servicing: Nissan  
 Grooves 4, Pulley SP, Fan IF



**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**114883\*** alternator 14 V, 120 Amp  
 Replacing: TG12C087, TG12C037, 2606952B, 2543426A, 2543426  
 Servicing: Ford  
 Grooves 6, Pulley SP, Fan IF



**15 61E** **NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**115307\*** Alternator 14 V, 120 Amp  
 Replacing: SG12B039, 2542432B, 2542432  
 Grooves 6, Pulley SP, Fan IF



**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**115310\*** Alternator 14 V, 110 Amp  
 Replacing: TG11C061, TG11C049, TG11C022, TG11C010, 2543552A, 2543552, 2543342A, 2543342, 2542818, 2542663  
 Servicing: Renault  
 Grooves 7, Pulley SP, Fan IF



**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**115366** Alternator 14 V, 80 Amp  
 Replacing: 2655866  
 Servicing: Chevrolet, Daewoo  
 Grooves 4, Pulley SP, Fan IF



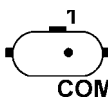
**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**115369\*** Alternator 14 V, 150 Amp  
 Replacing: TG15C154, TG15C134, TG15C112, SG15S025, 2607216A, 2607216, 2605546A, 2605546, 2543476A, 2543476  
 Servicing: Mitsubishi  
 Grooves 6, Pulley SP/FW, Fan IF



**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**115370** Alternator 14 V, 110 Amp  
 Replacing: TG11C017, 2542730  
 Servicing: Audi, Seat, Skoda, VW  
 Grooves 6, Pulley SP/FW, Fan IF



**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**115411\*** Alternator 14 V, 110 Amp  
 Replacing: TG11C060, TG11C055, 2543551, 2543439B, 2543439, 2543208  
 Servicing: Renault  
 Grooves 6, Pulley SP, Fan IF


**113708** Alternator 14 V, 115 Amp

Replacing: 20-150-01004

Servicing: Ford

B+ M6, Grooves 6, Pulley SP/FW, Fan IF

A: 41.00 B: 55.00 C: 74.00 mm


**113709** Alternator 14 V, 115 Amp

Replacing: 20-150-01006, 20-150-01005

Servicing: Ford, Jaguar

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 41.00 B: 55.00 C: 86.50 mm


**113710** Alternator 14 V, 140 Amp

Replacing: 20-150-01010, 20-150-01009

Servicing: Ford

B+ M6, Pulley w/o, Fan IF

B: 14.00 C: 69.00 mm


**113883** Alternator 14 V, 90 Amp

Replacing: 20-150-01001

Servicing: Ford

 B+ M6, Grooves 6, Pulley SP, Fan IF,  
Not Insulated return

A: 39.58 B: 54.87 C: 74.00 mm

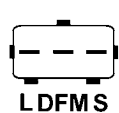

**113912** Alternator 14 V, 80 Amp

Replacing: 20-150-01002

Servicing: Ford, Mazda

B+ M8, Pulley w/o, Fan IF

B: 21.00 C: 45.00 mm

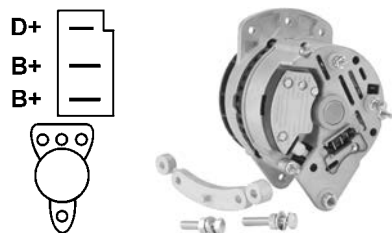

**113913** Alternator 14 V, 124 Amp

Replacing: 20-150-01007

Servicing: Ford

B+ M6, Grooves 7, Pulley SP/FW, Fan IF

A: 40.00 B: 55.00 C: 74.00 mm


**110497** Alternator 14 V, 70 Amp

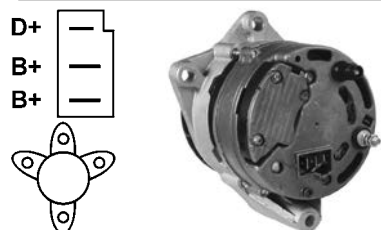
Replacing: 9120690170

Servicing: Austin-Healey, Various Agriculture Vehicles

B+ 9.40, Terminal W, Grooves 1, Pulley P, Fan EF

With mounting bearing bracket for left and right engine side.

A: 42.50 B: 10.50 C: 84.00 mm


**110577** Alternator 28 V, 55 Amp

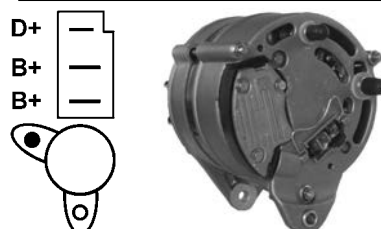
Replacing: NAB903

Servicing: Various

B+ M6, Terminal W, Grooves 2, Pulley DP, Fan EF

With mounting bearing bracket for left and right engine side.

A: 115.20 B: 80.10 mm

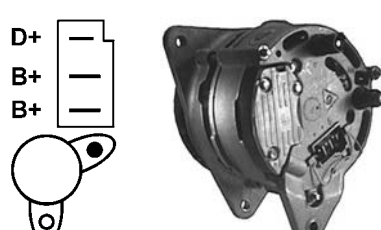

**110968** Alternator 14 V, 70 Amp

Replacing: 9AR2699

Servicing: Austin, Case, Dronningborg, Mercedes-Benz, MG, Nissan, Rover, Valtra

B+ M6, Grooves 1, Pulley P, Fan EF

A: 34-43 B: 11.00 C: 82.00 mm

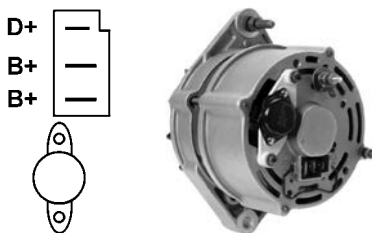

**110969** Alternator 14 V, 65 Amp

Replacing: NAB301, 60921031, 60921028, 60210160, 60210159, 60021065, 60021061, 60021041, 60021015, 60021012

Servicing: Land Rover, Various Agriculture Vehicles

B+ M6, Grooves 1, Pulley P, Fan EF

A: 38.00 B: 11.00 C: 82.00 mm

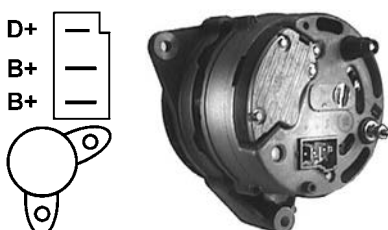

**110970** Alternator 14 V, 65 Amp

Replacing: AAG1310, 11.201.095

Servicing: Massey Ferguson

B+ M6, Grooves 1, Pulley P, Fan EF

A: 58.00 B: 27.10 mm

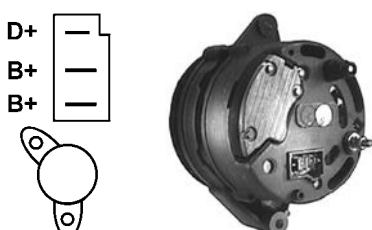

**110971#** Alternator 14 V, 65 Amp

Replacing: 0120489708, AAK4503, AAK4192, 11.201.544, 11.201.390

Servicing: Opel, Various Agriculture Vehicles, Vauxhall

B+ Plug, Terminal W, Grooves 1, Pulley P, Fan EF

A: 85.00 B: 56.00 mm

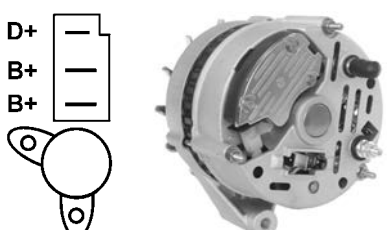

**110972** Alternator 14 V, 65 Amp

Replacing: 0120489124, 0120489123, 0120489121

Servicing: Opel, Various Agriculture Vehicles, Vauxhall

B+ Plug, Grooves 1, Pulley P, Fan EF

A: 87.90 B: 56.00 mm

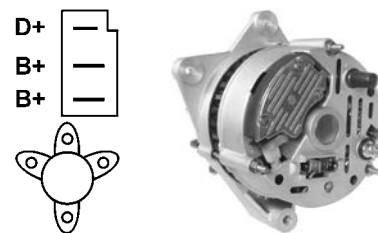

**110975** Alternator 14 V, 65 Amp

Replacing: 0120489999, 0120489975, 0120489789, 0120489569, 0120489551, 0120489058, 0120400670, 0120300584

Servicing: Audi, Various Agriculture Vehicles, VW

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 82.85 B: 56.25 mm

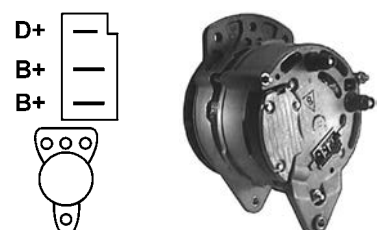

**110976** Alternator 14 V, 65 Amp

Replacing: NAB904, NAB902

Servicing: Various

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF, Not Insulated return With mounting bearing bracket for left and right engine side. Universal Alternator.

B: 56.00 mm

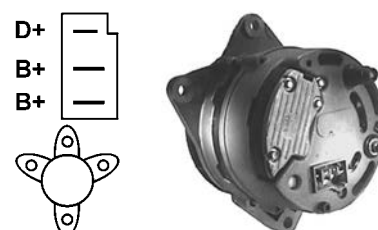

**110977** Alternator 28 V, 35 Amp

Replacing: NAB901, NAB501

Servicing: Universal

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 41.80 B: 11.00 C: 84.00 mm

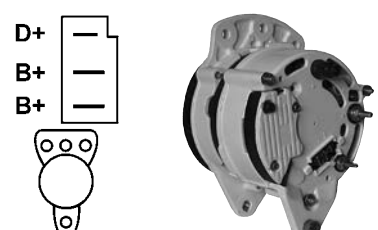

**111204** Alternator 14 V, 70 Amp

Replacing: NAB905, 24166, 24017, 24016, 24014, 23999, 23991, 23986A, 23986

Servicing: Case, Jaguar

B+ M6, Grooves 1, Pulley P, Fan EF With mounting bearing bracket for left and right engine side.

A: 54.15 B: 27.00 mm


**112237** Alternator 14 V, 70 Amp

Replacing: NAB900M

Servicing: Various

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF, Insulated return Pulley distance is ok from 34.00 to 43.00 mm.

A: 34.00-43.00 B: 10.90 C: 84.00 mm



**113152** Alternator 14 V, 90 Amp

Replacing: NAB9000M

Servicing: Various

B+ M6, Terminal W, Grooves 1,  
Pulley P, Fan EF, Insulated return  
*For right and left mounting.*

A: 44.50 B: 13.50 C: 82.20 mm



**113589** Alternator 28 V, 180 Amp

Replacing: 160-60282

Servicing: Various Industrial applications

B+ M8, Terminal W, Grooves 2,  
Pulley DP, Fan EF  
B- M8. Shaft 30 mm.

A: 54.00 B: 16.15 C: 180.00 mm



**113650** Alternator 28 V, 80 Amp

Replacing: 160-68223

Servicing: Various Industrial applications,  
Volvo

B+ M8, Terminal W, Pulley w/o, Fan EF

B: 13.80 C: 90.90 mm



**110482** Generator 12 V, 22 Amp

Replacing: DNL12-22, 69EB10002CA, 69EB10002C1, 1516986, NDB100, 26021103, 22789, 22785, 22775, 22767, 22765B, 22765, 22754, 22748, 22747, 22742, 22725

Servicing: Austin, Case, Ford, Lotus, MG, Morris, Triumph, Various Agriculture Vehicles

Pulley w/o, Length 230.00  
Rotation CW



**110483** Generator 12 V, 11 Amp

Replacing: DNL12E-42, NDB101, 26021104, 22791, 22788, 22780, 22733J, 22733E, 22733, 22719J, 22719H, 22719, 22708, 22703M

Servicing: Allis Chalmers, Case, Massey Ferguson

Length 226.00



**110484** Generator 12 V, 22 Amp

Replacing: 22792, 22783, 22769, 22764, 22762E, 22762, 22761, 22758, 22756, 534054D

Servicing: Allis Chalmers, Case, Ford, Massey Ferguson

Pulley w/o, Length 238.00



**111225** Generator 12 V, 30 Amp

Replacing: 0101304014, 0101304013, 0101302118, 0101302117, 0101302116, 0101302115, 0101302112, 0101302111

Servicing: VW

Pulley w/o, Length 160.00



**111919** Generator 12 V, 11 Amp

Replacing: G113-01A

Servicing: Harley Davidson

Pulley w/o, Length 235.00

Regulator: HC-CARGO 235781. CCW.



**113142** Dynastarter 12 V, 15 Amp

Replacing: 1101998, 1101986, 1101951

Servicing: Cub Cadet

Pulley w/o, Length 262.00

Regulator: HC-CARGO 233623, 233624.

Solenoid: HC-CARGO 132939. Nut: HC-CARGO 132346.



**113143** Dynastarter 12 V, 25 Amp

Replacing: 1101432

Servicing: Case, Cub Cadet, Jacobsen, Massey Ferguson, Roper, Simplicity

Pulley w/o, Length 265.00

Nut: HC-CARGO 132346.



**113598<sup>#</sup>** Dynastarter 12 V, 15 Amp

Replacing: 1101997, 1101996, 1101967, 1101692, 1101691

Servicing: Cub Cadet

Pulley w/o, Length 265.00

Nut: HC-CARGO 132346.

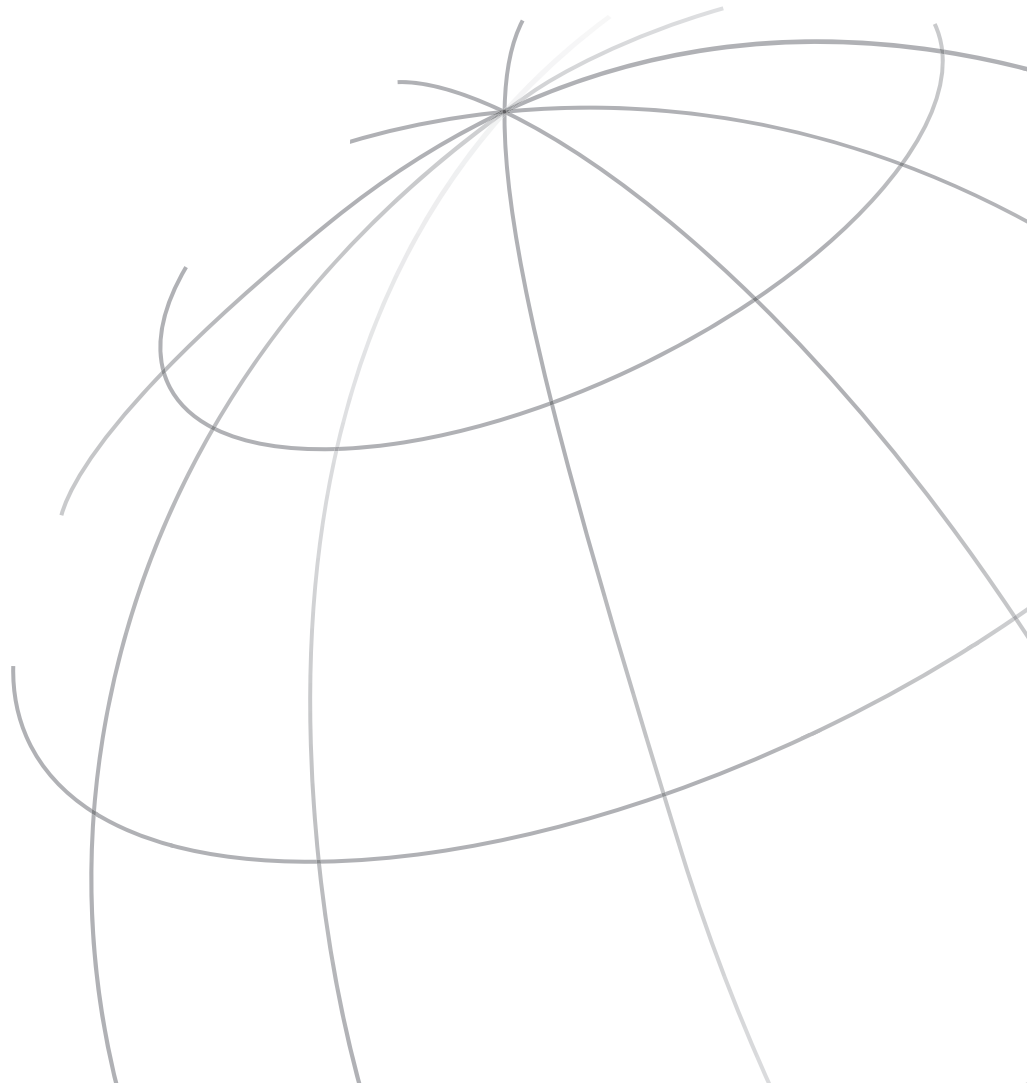






# Starters

Edition 2015/2016





**110149** Starter 12 V, 0.9 kW

Replacing: 9000692069  
 Servicing: Mazda, Mercury  
 B+ M8, Total length 198.00,  
 Gear type DD, Mount. holes 3 (2)  
 A: 74.00 B: 15.00 mm



**110205** Starter 24 V, 6.5 kW

Replacing: 9000084024, 9000084019,  
 0001417041, 0001411012, 0001411008  
 Servicing: Volvo  
 B+ M12, Total length 407.00, Gear type DD,  
 Mount. holes 3 (0), Waterproof  
 A: 89.00 B: 47.50 mm



**110206** Starter 24 V, 5.4 kW

Replacing: 0001416079, 0001416078,  
 0001416023, 0001416002, 0001415027,  
 0001415001, 0001410088, 0001410002  
 Servicing: Claas, Fiat-Allis, Kässbohrer, MAN,  
 Mercedes-Benz, Neoplan, Setra  
 B+ M12, B- M10, Total length 390.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 47.50 mm



**110207** Starter 24 V, 5.4 kW

Replacing: 0001417035, 0001416070,  
 0001416007, 0001416005, 0001415013,  
 0001414019, 0001410046, 0001402057  
 Servicing: Volvo, Volvo BM  
 B+ M10, B- M10, Total length 387.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 47.00 mm



**110208** Starter 24 V, 5.4 kW

Replacing: BNG4/24CRS162, 9000084018,  
 0001416076, 0001416021, 0001416009,  
 0001416008, 0001415016, 0001415004  
 Servicing: Fiat-Allis, Mercedes-Benz, Steyr, Volvo  
 B+ M10, B- M10, Total length 387.00,  
 Gear type DD, Mount. holes 3 (0), Oil  
 sealed, Waterproof  
 A: 89.00 B: 48.50 mm



**110209** Starter 24 V, 5.4 kW

Replacing: 9000084008, 0001416043,  
 0001410067, 0001410060  
 Servicing: DAF  
 B+ M12, B- M10, Total length 387.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 47.00 mm



**110210** Starter 24 V, 6.6 kW

Replacing: 0001417051, 0001417038,  
 0001417001, 0001411009, 0001410024  
 Servicing: Fiat-Allis, Kässbohrer, MAN,  
 Mercedes-Benz, Mitsubishi, Neoplan, Ssangyong  
 B+ M12, B- M10, Total length 407.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 48.50 mm



**110212** Starter 24 V, 6.6 kW

Replacing: 0001417046, 0001417045,  
 0001416048, 0001415015, 0001415014,  
 0001411005, 0001410115, 0001410098  
 Servicing: Iveco, Scania  
 B+ M12, B- M10, Total length 407.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 47.65 mm



**110213** Starter 24 V, 6.6 kW

Replacing: 0001417005, 0001411025,  
 0001410065  
 Servicing: Fiat, Iveco  
 B+ M12, B- M10, Total length 407.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 115.00 B: 20.80 mm



**110214** Starter 24 V, 6.6 kW

Replacing: 0001501035, 0001501033,  
 0001501029, 0001501020, 0001417043,  
 0001415008, 0001410037  
 Servicing: Scania  
 B+ M10, B- M10, Total length 407.00,  
 Gear type DD, Mount. holes 3 (0),  
 Insulated return  
 A: 92.00 B: 37.00 mm



**110279** Starter 12 V, 0.8 kW

Replacing: 0001112018  
 Servicing: Nissan, VW  
 B+ M8, Total length 227.50,  
 Gear type DD, Mount. holes 2 (0)  
 A: 70.00 B: 42.00 mm



**110283#** Starter 12 V, 1.0 kW

Replacing: 9000595824, 9000595801  
 Servicing: Mazda  
 B+ M8, Total length 206.50,  
 Gear type DD, Mount. holes 2 (0)  
 A: 74.00 B: 19.70 mm


**110336** Starter 12 V, 0.75 kW

Replacing: B001111025, 0001211989, 0001211533, 0001211513, 0001211228, 0001211206, 0001211049, 0001208718

Servicing: Ford, Mercury, Triumph

B+ M8, 15a M5, Total length 224.50, Gear type DD, Clutch type Dry, Mount. holes 3 (0)

A: 89.00 B: 28.00 mm


**110337#** Starter 12 V, 0.85 kW

Replacing: 9000333116, 9000333115, 0001208423, 0001208409, 0001208232, 0001208223, 0001208172

Servicing: Ford

B+ M8, 15a M5, Total length 235.00, Gear type DD, Mount. holes 3 (3)

A: 76.00 B: 13.00 mm


**110341#** Starter 12 V, 0.8 kW

Replacing: 0001208229, 0001208202, 0001208054, 0001208053, 0001208039, 0001208038

Servicing: Bedford, Opel, Vauxhall

B+ M8, 15a 6.30, Total length 260.00, Gear type DD, Mount. holes 2 (0)

A: 77.85 B: 15.00 mm


**110347** Starter 24 V, 7.5 kW

Replacing: 0001420011, 0001420010, 0001420008, 0001420006, 0001420002

Servicing: Caterpillar, Clark, Fiat-Allis, Iveco

B+ M12, B- M12, 15a M4, Gear type DD, Total length 522.00, Mount. holes 3 (0), Insulated return, Oil sealed  
Replacing: 50MT.

A: 92.00 B: 47.00 mm


**110351#** Starter 12 V, 1.3 kW

Replacing: 0001108099

Servicing: Lada

B+ M8, Total length 245.00,

Gear type DD, Mount. holes 3 (0)

Bushing D.E. (clutch house): HC-CARGO 140043.

A: 83.00 B: 34.00 mm


**110352** Starter 12 V, 1.3 kW

Replacing: 0001208218

Servicing: Fiat, Lada

B+ M8, Total length 237.00, Gear type DD, Clutch type Wet, Mount. holes 3 (3)

A: 83.00 B: 22.30 mm


**110363** Starter 12 V, 0.7 kW

Replacing: R007042024, 9007042024, 9000082009, 9000042034, 9000042027, 9000042021, 0001211998, 0001211997

Servicing: BMW, Porsche, VW

B+ M8, Total length 214.00,

Gear type DD, Mount. holes 2 (0)

Bushing D.E. (clutch house): HC-CARGO 140008.

A: 76.00 B: 33.00 mm


**110364** Starter 12 V, 0.65 kW

Replacing: 0001157029, 0001157025, 0001157013, 0001157012, 0001157010, 0001157009, 0001157004, 0001157003

Servicing: Opel, Vauxhall

B+ M8, 15a 6.30, Total length 229.50, Gear type DD, Mount. holes 2 (0)

A: 68.00 B: 14.00 mm


**110365** Starter 12 V, 0.8 kW

Replacing: 9000334102, 9000333122, 9000330939, 9000141107, 9000141101

Servicing: Autobianchi, Fiat, Lancia, Seat

B+ M8, Total length 236.50,

Gear type DD, Mount. holes 3 (0)

A: 62.00 B: 12.50 mm


**110367** Starter 12 V, 1.0 kW

Replacing: 9004475310, 9000330950, 9000330937, 9000330910, 9000330119, 9000141112, 9000141111, 9000141103

Servicing: Dacia, DAF, Renault, Volvo

B+ M8, Total length 200.00,

Gear type DD, Mount. holes 3 (0)

A: 66.00 B: 10.50 mm


**110368** Starter 12 V, 2.3 kW

Replacing: 9000143408, 9000143406, 0001362601, 0001362600, 0001362047, 0001362030, 0001362029, 0001362002

Servicing: Audi, Mercedes-Benz, Volvo

B+ M10, Total length 289.00,

Gear type DD, Mount. holes 2 (2)

A: 82.50 B: 21.00 mm


**110394** Starter 12 V, 0.85 kW

Replacing: 9000333121, 0001112032

Servicing: Chevrolet, GEO, Suzuki

B+ M8, Total length 207.00,

Gear type DD/GR, Mount. holes 2 (0)

A: 65.85 B: 4.35 mm


**110409** Starter 12 V, 3.0 kW

Replacing: BNG4/12, 0001418002, 0001413003, 0001401045, 0001401044, 0001401037, 0001401036, 0001401005

Servicing: Kaelble, Mack, Sennebogen

B+ M10, Total length 384.00,

Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.00 mm


**110439** Starter 12 V, 2.0 kW

Replacing: 9000143400, 0001362008

Servicing: Buhner, Compair, Eicher, Massey Ferguson

B+ M8, Total length 309.50,

Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 25.00 mm


**110443** Starter 12 V, 2.1 kW

Replacing: 0001362093

Servicing: Balkancar, Dronningborg, Massey Ferguson, Matbro, Rover

B+ M8, Total length 309.00,

Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 29.50 mm


**110454<sup>#</sup>** Starter 12 V, 3.6 kW

Replacing: 0001367055, 0001359110

Servicing: Ford

B+ M8, Total length 371.00,

Gear type DD, Mount. holes 3 (0), Oil sealed

A: 92.00 B: 20.00 mm


**110460** Starter 12 V, 2.8 kW

Replacing: 0001367022, 0001359126

Servicing: Atlas Copco, Dronningborg, JCB, Massey Ferguson

B+ M8, Total length 307.50,

Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 29.50 mm


**110461** Starter 12 V, 2.8 kW

Replacing: 0001362307, 0001358202, 0001358201, 0001358200

Servicing: Ford, Lancer Boss, Various Agriculture Vehicles

B+ M8, 30h M5, Total length 272.00,

Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 21.00 mm


**110462** Starter 12 V, 2.8 kW

Replacing: 9007044014, 0001362067

Servicing: Buhner, Ford, Matbro, New Holland

B+ M8, Total length 319.45,

Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 20.00 mm


**110465** Starter 12 V, 2.8 kW

Replacing: 0001359082

Servicing: Ford

B+ M8, Total length 309.00,

Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 20.00 mm


**110512** Starter 24 V, 5.4 kW

Replacing: BNG4/24CRS163, BNG4/24CR231, BNG4/24, 0001416054, 0001416047, 0001416024, 0001416022, 0001415002

Servicing: Ahlmann, Irmer, Mercedes-Benz, Various Agriculture Vehicles

B+ M10, Total length 384.00,

Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm


**110517** Starter 24 V, 3.2 kW

Replacing: 0001363111, 0001363101

Servicing: Benfra, Fiat-Allis, Iveco

B+ M10, Total length 295.00,

Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 27.00 mm


**110518** Starter 24 V, 4.0 kW

Replacing: 0001368020, 0001360063

Servicing: Benfra, Fiat, Fiat-Allis, Iveco

B+ M10, Total length 342.00,

Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 27.00 mm


**110519** Starter 12 V, 3.0 kW

Replacing: 0001367073, 0001367030, 0001367026, 0001359071

Servicing: Iveco, Volvo

B+ M10, Total length 340.50,

Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm


**110520** Starter 24 V, 4.0 kW

Replacing: 0001368021, 0001360027, 0001360007, 0001359127

Servicing: Cummins, Fiat-Allis

 B+ M10, Total length 343.00,  
Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.50 mm


**110521** Starter 24 V, 4.0 kW

Replacing: 0001368019, 0001360043, 0001360015

Servicing: Benfra, Fiat, Fiat-Allis, Iveco

 B+ M10, Total length 343.00,  
Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 27.00 mm


**110522** Starter 12 V, 3.0 kW

Replacing: 0986012720, 0001367029, 0001359122, 0001230009

Servicing: Fiat, Fiat-Allis, Iveco, New Holland

 B+ M10, Total length 341.00,  
Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 26.50 mm


**110523** Starter 24 V, 4.8 kW

Replacing: 0001368088, 0001368007, 0001368001, 0001360035, 0001360030, 0001360014, 0001360012, 0001360003

Servicing: ABG, Ahlmann, Case, Compair, Iveco, KHD, Payloader

B+ M10, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 27.50 mm


**110524** Starter 24 V, 4.0 kW

Replacing: B001816326, 9000143601, 9000083065, 0001368309, 0001368307, 0001368300, 0001368062, 0001368055

Servicing: Mercedes-Benz

 B+ M10, Total length 341.00,  
Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm


**110525** Starter 12 V, 3.0 kW

Replacing: 9007044002, 9000083054, 9000083028, 0001367303, 0001367301, 0001367300, 0001367059, 0001367034

Servicing: Claas, Mercedes-Benz

 B+ M10, Total length 341.00,  
Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm


**110527** Starter 24 V, 4.0 kW

Replacing: 0001368316, 0001368301, 0001368010, 0001360057, 0001360039, 0001360038, 0001360010

Servicing: Scania, Steyr

 B+ M10, Total length 342.00,  
Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 46.50 mm


**110529** Starter 12 V, 3.0 kW

Replacing: 0001367082, 0001367028, 0001367023, 0001359102, 0001359021

Servicing: Agrifull, Benfra, Fiat, Fiat-Allis, Iveco

 B+ M10, Total length 340.50,  
Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 30.00 mm


**110530** Starter 12 V, 3.0 kW

Replacing: EJD3/12BR3, 0004314011, 0001367013, 0001362035, 0001362022, 0001362009, 0001359108, 0001359004

Servicing: Huerlimann, Lamborghini, Same

 B+ M10, Total length 342.00,  
Gear type DD, Mount. holes 2 (0)

A: 82.00 B: 22.00 mm


**110531** Starter 24 V, 6.6 kW

Replacing: 0001417036, 0001417017

Servicing: Fiat-Allis, Gmeinder, KHD, Mercedes-Benz

 B+ M12, B- M10, Total length 405.00,  
Gear type DD

A: 56.00 B: 37.00 mm


**110532** Starter 24 V, 6.6 kW

Replacing: 0001417074, 0001417073, 0001417006, 0001411026, 0001411017

Servicing: Iveco

 B+ M10, B- M10, Total length 405.00,  
Gear type DD, Mount. holes 3 (0),  
Waterproof

A: 115.00 B: 21.00 mm


**110533** Starter 24 V, 5.4 kW

Replacing: 0001416003, 0001415011, 0001410062

Servicing: Steyr

 B+ M10, B- M10, Total length 387.00,  
Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 46.50 mm



**110534** Starter 24 V, 5.4 kW

Replacing: 0001416035, 0001416030, 0001410109, 0001410099, 0001410063, 0001410053

Servicing: Fiat, Ford, Iveco, Various Agriculture Vehicles

B+ M10, Total length 390.00,  
Gear type DD, Mount. holes 3 (0)  
A: 89.00 B: 47.00 mm



**110535** Starter 24 V, 5.4 kW

Replacing: 0001416036, 0001410111

Servicing: Iveco

B+ M10, B- M10, Total length 384.00,  
Gear type DD, Mount. holes 3 (0)  
A: 89.00 B: 47.00 mm



**110536** Starter 12 V, 2.7 kW

Replacing: 26025155A, 0001367004, 0001362313, 0001362311, 0001362305, 0001362091, 0001362034, 0001362016

Servicing: ABG, Atlas Copco, Bobcat, Bomag, Bosch, Case, Claas, Deutz-Fahr, Fendt, Irmer, Iveco, KHD, Kramer, Mercedes-Benz

B+ M10, Total length 234.00,  
Gear type GR, Mount. holes 3 (0)  
A: 89.00 B: 28.00 mm



**110537** Starter 12 V, 3.6 kW

Replacing: BNG4/12CR247, BNG4/12CR215, 0001418012, 0001418001, 0001413006, 0001413002, 0001413001, 0001401066

Servicing: Volvo BM

B+ M10, B- M10, Total length 384.50,  
Gear type DD, Mount. holes 3 (0)  
A: 89.00 B: 47.00 mm



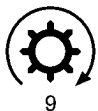
**110538** Starter 12 V, 3.6 kW

Replacing: BNG4/12CR238, 0001418009, 0001401060, 0001401023

Servicing: Volvo Penta

B+ M10, B- M10, Total length 384.00,  
Gear type DD, Mount. holes 3 (0),  
Insulated return

A: 89.00 B: 47.00 mm



**110539** Starter 12 V, 3.6 kW

Replacing: 0001418014, 0001413017

Servicing: Claas, Mercedes-Benz, New Holland

B+ M10, B- M10, Total length 384.50,  
Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 47.00 mm



**110545** Starter 12 V, 3.0 kW

Replacing: 0001367067, 0001367032, 0001359124, 0001359047

Servicing: Balkancar, Chang Feng (Liebao), Dronningborg, Sampo-Rosenlew, Ursus, Valtra, Zetor

B+ M10, Total length 335.00,  
Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm



**110551** Starter 12 V, 3.0 kW

Replacing: 0001367009, 0001359099, 0001359053, 0001359048, 0001359001

Servicing: Lamborghini, Same, Ursus, Zetor

B+ M10, Total length 326.50,  
Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.00 mm



**110552** Starter 12 V, 1.2 kW

Replacing: 0001108181, 0001107078

Servicing: Ford, JCB, John Deere, Volvo Penta

B+ M8, Total length 194.00,  
Gear type GR, Mount. holes 2 (0)

A: 74.00 B: 20.00 mm



**110565** Starter 12 V, 2.8 kW

Replacing: 9004475058, 0001367040

Servicing: Eicher, Massey Ferguson

B+ M8, Total length 313.00,  
Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 29.50 mm



**110582** Starter 24 V, 5.4 kW

Replacing: 0001416052, 0001416011, 0001415017, 0001410106

Servicing: Iveco

B+ M10, B- M10, Total length 384.00,  
Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 47.00 mm



**110584** Starter 12 V, 1.2 kW

Replacing: F000AL0327, 0001112041, 0001112029, 0001112019, 0001112007

Servicing: Citroen, Peugeot

B+ M8, Total length 210.00,  
Gear type GR, Mount. holes 3 (1)

A: 66.00 B: -6.00 mm


**110585** Starter 12 V, 1.2 kW

Replacing: 9000333117, 0001208717, 0001208528, 0001208526, 0001208517, 0001208515

Servicing: Renault, Volvo

B+ M8, Total length 214.15,

Gear type DD, Mount. holes 4 (4)

A: 66.00 B: -2.00 mm


**110587** Starter 12 V, 1.2 kW

Replacing: 0001208707, 0001208516

Servicing: Citroen, Peugeot

B+ M8, Total length 208.20, Gear type DD/GR, Clutch type Dry, Mount. holes 3 (3)

A: 66.00 B: -4.00 mm


**110601** Starter 24 V, 5.4 kW

Replacing: BNG4/24CRS165SR, BNG4/24CR165SR, 0001416013, 0001415010, 0001414017, 0001410030, 0001410029

Servicing: Mercedes-Benz, Steyr

B+ M10, Total length 384.25,

Gear type DD, Mount. holes 3 (0)

A: 88.85 B: 47.50 mm


**110615** Starter 12 V, 2.8 kW

Replacing: 9004475035

Servicing: Agco Allis, Agco White, Allis Chalmers, Atlas Copco, JCB, Massey Ferguson, Perkins

B+ M8, Total length 312.25,

Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 28.60 mm


**110637** Starter 12 V, 0.4 kW

Replacing: 0001160002

Servicing: Lombardini

B+ M6, Total length 182.00,

Gear type DD, Mount. holes 2 (0)

A: 62.00 B: 27.50 mm


**110640** Starter 12 V, 3.0 kW

Replacing: 0001367014, 0001359091

Servicing: Allis Chalmers, Fiat, Fiat-Allis, Long

B+ M10, Total length 310.00,

Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 26.00 mm


**110771** Starter 12 V, 0.8 kW

Replacing: 0001211996, 0001211995, 0001211991, 0001211514, 0001211229, 0001211055, 0001211019, 0001211018

Servicing: Ford

B+ M8, 15a M5, Gear type DD, Mount. holes 2 (0)

A: 76.00 B: 5.40 mm


**110772** Starter 12 V, 1.0 kW

Replacing: 0001311045, 0001311025, 0001311016

Servicing: BMW

B+ M8, 15a 6.30, Total length 271.25,

Gear type DD, Clutch type Dry, Mount. holes 2 (0)

A: 76.00 B: 27.30 mm


**110775** Starter 12 V, 1.8 kW

Replacing: 0001362038, 0001362028, 0001362027, 0001362004, 0001362003

Servicing: Claas, Mercedes-Benz

B+ M10, Total length 288.00,

Gear type DD, Clutch type Wet, Mount. holes 2 (0)

A: 83.00 B: 20.00 mm


**110793** Starter 12 V, 0.9 kW

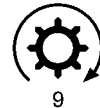
Replacing: 0001208211

Servicing: Citroen, Fiat, Peugeot

B+ M8, Total length 221.00,

Gear type DD, Mount. holes 2 (0)

A: 66.00 B: 22.00 mm


**110812** Starter 12 V, 2.0 kW

Replacing: 0001362073

Servicing: Alfa Romeo, Fiat, Seat

B+ M10, Total length 293.00,

Gear type DD, Clutch type Dry, Mount. holes 3 (0)

A: 110.00 B: 27.00 mm


**110813** Starter 12 V, 2.7 kW

Replacing: 0001362105, 0001362039, 0001362032, 0001223504, 0001223503

Servicing: Agrifull, Allis Chalmers, Benfra, Fiat, Fiat-Allis, Goldoni, Iveco

B+ M10, Total length 294.00,

Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 27.00 mm




**110814** Starter 12 V, 2.7 kW

Replacing: 0001362062

Servicing: Alfa Romeo, Benfra, Fiat, Iveco, Lancia, Massey Ferguson, Renault

 B+ M10, Total length 296.50,  
Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 26.80 mm


**110818** Starter 12 V, 2.1 kW

Replacing: 0001362084, 0001362060

Servicing: Case, Fiat-Allis, Massey Ferguson

 B+ M8, 15a 6.30, Total length 309.00,  
Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 24.60 mm


**110819** Starter 12 V, 2.8 kW

Replacing: 0001362049

Servicing: Eicher, Massey Ferguson, Perkins

 B+ M8, Total length 311.00,  
Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 23.00 mm


**110824#** Starter 12 V, 1.1 kW

 Replacing: 9000693013, 0001311143,  
0001311142, 0001311141, 0001311140,  
0001311137, 0001311136, 0001311122

Servicing: Audi, Porsche, VW

 B+ M8, 15a M5, Total length 255.50,  
Gear type DD, Mount. holes 2 (1)

A: 82.00 B: 20.60 mm

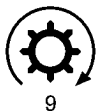

**110831** Starter 12 V, 0.8 kW

 Replacing: 0001211515, 0001211239,  
0001211237, 0001208519, 0001208514,  
0001208220

Servicing: Ford

 B+ M8, Total length 258.00,  
Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 31.00 mm


**110835#** Starter 12 V, 1.1 kW

Replacing: 0001208400

Servicing: DeLorean, Renault

 B+ M8, Total length 197.50,  
Gear type DD, Mount. holes 3 (3)

A: 66.00 B: 3.00 mm


**110838** Starter 12 V, 1.5 kW

 Replacing: B001315183, 0001315183,  
0001314030, 0001314029, 0001314005

Servicing: Mercedes-Benz

 B+ M8, 15a M5, Total length 270.65,  
Gear type DD, Mount. holes 2 (2)

A: 82.40 B: 20.25 mm


**110839** Starter 12 V, 1.7 kW

 Replacing: B001117012, 0001110115,  
0001110055, 0001110012

Servicing: Opel, Vauxhall

 B+ M8, Total length 269.50,  
Gear type GR, Mount. holes 2 (1)

A: 82.00 B: 19.60 mm


**110840** Starter 12 V, 1.1 kW

 Replacing: 0001311128, 0001108141,  
0001108117, 0001108100

Servicing: Ford

 B+ M8, Total length 139.75,  
Gear type DD, Mount. holes 3 (0)

A: 88.80 B: 29.40 mm


**110842** Starter 12 V, 1.4 kW

 Replacing: 0001108133, 0001108119,  
0001108118, 0001108109, 0001108084,  
0001108035

Servicing: Ford, Merkur

 B+ M8, Total length 243.30,  
Gear type GR, Mount. holes 2 (0)

A: 76.00 B: 5.35 mm


**110844** Starter 12 V, 2.2 kW

Replacing: 0001218122, 0001218011

 Servicing: Bedford, Ferrari, Goldoni,  
Lombardini, Opel, Valpadana, Vauxhall, VW

 B+ M8, Total length 278.45,  
Gear type GR, Mount. holes 2 (0)

A: 82.50 B: 17.20 mm


**110847** Starter 12 V, 1.4 kW

 Replacing: 0001208225, 0001131112,  
0001108184, 0001108171, 0001108151,  
0001108079, 0001108078, 0001108047

Servicing: Ford, Opel, Saab, Toyota, Vauxhall

 B+ M8, Total length 242.50,  
Gear type GR, Mount. holes 2 (1)

A: 82.50 B: 19.00 mm


**110858** Starter 12 V, 0.7 kW

Replacing: 9000692062, 0001211222, 0001211221

Servicing: VW

 B+ M8, 15a 6.30, Total length 230.00,  
 Gear type DD, Mount. holes 2 (0)  
 Bushing D.E. (clutch house): HC-CARGO 140008.  
 A: 76.00 B: 44.00 mm

**110862** Starter 12 V, 1.5 kW

Replacing: 0001314036, 0001314035, 0001314027

Servicing: Mercedes-Benz, Puch (Steyr-Daimler)

 B+ M8, 15a M5, Total length 265.00,  
 Gear type DD, Mount. holes 2 (2)  
 A: 82.50 B: 24.40 mm

**110864** Starter 12 V, 0.7 kW

Replacing: 9000692051, 0001212207, 0001212206

Servicing: VW

 B+ M8, 15a 6.30, Total length 229.70,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 3 (0)

A: 82.50 B: 13.15 mm


**110865** Starter 12 V, 0.95 kW

Replacing: B001180009, 9000082059, 9000082050, 0001211505, 0001211504, 0001208714, 0001208713, 0001208712

Servicing: Audi, VW

 B+ M8, 15a 6.30, Total length 228.75,  
 Gear type DD, Mount. holes 3 (3)  
 Bushing d.e. (clutch house): HC-CARGO 140500.

A: 82.50 B: 15.00 mm


**110867** Starter 12 V, 1.7 kW

Replacing: B001117070, 0001317023, 0001110105, 0001110104, 0001110088, 0001110064, 0001110043, 0001110019

Servicing: Ford, Mazda

 B+ M8, Total length 265.00,  
 Gear type GR, Mount. holes 3 (3)

A: 76.00 B: 14.25 mm


**110868#** Starter 12 V, 1.1 kW

Replacing: 0001311120, 0001311109, 0001311101, 0001311049, 0001311046, 0001311037, 0001311034, 0001311033

Servicing: Ford, Lamborghini, Mercury, Saab, Triumph

 B+ M8, 15a M5, Total length 255.25,  
 Gear type DD, Mount. holes 2 (0)

A: 76.00 B: 4.50 mm


**110869** Starter 12 V, 1.5 kW

Replacing: 0001314033, 0001314018, 0001314002, 0001313007, 0001313005, 0001313003, 0001313001

Servicing: Audi, Mercedes-Benz

B+ M8, Gear type DD, Mount. holes 2 (1)

A: 82.50 B: 22.00 mm


**110932** Starter 24 V, 5.4 kW

Replacing: 0001416044, 0001410068, 0001410057

Servicing: DAF

 B+ M10, B- M10, Total length 384.50,  
 Gear type DD, Mount. holes 3 (0),  
 Insulated return

A: 88.85 B: 47.00 mm


**110980** Starter 24 V, 5.4 kW

Replacing: 0001416065, 0001416061

Servicing: Volvo

 B+ M10, B- M10, Total length 387.00,  
 Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 47.00 mm


**110981** Starter 24 V, 5.4 kW

Replacing: 0001416067, 0001416062

Servicing: DAF

 B+ M12, B- M10, Total length 387.00,  
 Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 47.50 mm


**110996** Starter 12 V, 1.7 kW

Replacing: B001329010, 0001317021, 0001317020, 0001317019, 0001317018, 0001317015, 0001317014, 0001317010

Servicing: VW

 B+ M8, Total length 265.00,  
 Gear type DD/GR, Mount. holes 2 (0)

Bushing D.E. (clutch house): HC-CARGO 140008.

A: 76.00 B: 32.00 mm


**110997** Starter 12 V, 0.8 kW

Replacing: 0001208217, 0001208216, 0001208208, 0001208201, 0001208200, 0001208061, 0001208060, 0001208058

Servicing: Audi, Mercedes-Benz, Pontiac, Porsche, VW

 B+ M8, 15a M5S, Total length 234.75,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 2 (1)

A: 82.45 B: 21.20 mm


**110998** Starter 24 V, 5.2 kW

Replacing: 0001368038

Servicing: DAF, Ford

 B+ M8, Total length 166.00,  
Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 21.00 mm


**110999** Starter 24 V

 Replacing: 0001420013, 0001420009,  
0001420005, 0001420004, 0001420003,  
0001420001

 Servicing: Case, Caterpillar, Fiat-Allis,  
Peterbilt Trucks, Various, Volvo

 B+ M12, 15a M5, Total length 499.50,  
Gear type DD, Mount. holes 3 (0),  
Insulated return, Oil sealed

Replacing: 42MT.

A: 92.00 B: 46.50 mm


**111000** Starter 24 V, 6.5 kW

Replacing: 0001371020, 0001371018

Servicing: Caterpillar, Clark, Cummins, Fiat-Allis

 B+ M12, B- M12, Total length 497.50,  
Gear type DD, Mount. holes 3 (0),  
Insulated return, Oil sealed

Replacing: 42MT.

A: 92.00 B: 47.25 mm


**111001** Starter 12 V, 3.0 kW

 Replacing: 0001367005, 0001362036,  
0001362023, 0001359113, 0001359083,  
0001359056, 0001359038, 0001358005

Servicing: Lamborghini, Same, Steyr

 B+ M10, Total length 340.00,  
Gear type DD, Mount. holes 2 (0)

A: 82.00 B: 21.60 mm


**111003** Starter 24 V, 5.4 kW

 Replacing: 0001416004, 0001415007,  
0001410094, 0001410052

Servicing: Hanomag, Mercedes-Benz

 B+ M10, Total length 387.50, Gear type DD,  
Mount. holes 3 (0), Waterproof

A: 89.00 B: 47.50 mm


**111004** Starter 12 V, 2.4 kW

Replacing: 0001362046, 0001358047

Servicing: Atlas Copco, KHD

 B+ M10, Total length 294.50,  
Gear type DD, Mount. holes 2 (0)

A: 82.50 B: 19.50 mm


**111010** Starter 12 V, 1.4 kW

 Replacing: 0001108102, 0001108101,  
0001108073, 0001108072, 0001108029,  
0001108028, 0001108027, 0001108026

Servicing: Audi, VW

 B+ M8, 15a 6.30, Total length 243.25,  
Gear type GR, Mount. holes 2 (1)

A: 82.50 B: 20.80 mm


**111015** Starter 12 V, 1.1 kW

 Replacing: 0001108129, 0001107085,  
0001107062, 0001107033

 Servicing: Lombardini, Various Agriculture  
Vehicles

 B+ M8, Total length 216.25,  
Gear type GR, Clutch type Dry,  
Mount. holes 2 (0)

A: 76.00 B: 15.00 mm


**111025** Starter 12 V, 0.8 kW

Replacing: 0001211536

Servicing: Autobianchi, Fiat, Lancia

 B+ M8, Total length 199.25,  
Gear type DD, Mount. holes 3 (2)

A: 64.00 B: 11.00 mm


**111029** Starter 12 V, 1.4 kW

 Replacing: 0001108162, 0001108125,  
0001108112, 0001108074

Servicing: Citroen, Nissan, Peugeot, Rover

 B+ M8, Total length 207.00,  
Gear type GR, Mount. holes 3 (1)

A: 62.00 B: -5.00 mm


**111030** Starter 12 V, 1.4 kW

 Replacing: B001111475, 0001114021,  
0001114017, 0001114008, 0001112009,  
0001108155, 0001108132, 0001108110

Servicing: Ford

 B+ M8, 15a M6, Total length 246.00,  
Gear type GR, Clutch type Wet,  
Mount. holes 3 (0)

A: 76.20 B: 14.00 mm


**111041** Starter 12 V, 2.8 kW

 Replacing: 0001362302, 0001359114,  
0001359058, 0001359029

Servicing: Fiat-Allis, Hyster, Perkins

 B+ M10, Total length 338.50, Gear type GR,  
Clutch type Dry, Mount. holes 3 (0)  
Replacing: 22MT, 27MT, 28MT.

A: 88.85 B: 46.25 mm


**111046** Starter 24 V, 6.6 kW

Replacing: 0001417002

Servicing: MAN, Volvo

B+ M10, Total length 404.00,

Gear type DD, Mount. holes 3 (0)

A: 88.85 B: 48.00 mm


**111047** Starter 12 V, 3.1 kW

Replacing: 0001367049, 0001359119

Servicing: Volvo, Volvo Penta

B+ M8, Total length 302.75,

 Gear type GR, Mount. holes 3 (0),  
Insulated return

A: 88.85 B: 47.70 mm


**111052** Starter 12 V, 1.5 kW

 Replacing: 0001314045, 0001314043,  
0001314032, 0001314025, 0001311150,  
0001311100, 0001311042

Servicing: BMW, Ford

 B+ M8, 15a 4.70, Total length 261.00,  
Gear type DD, Mount. holes 2 (0)

A: 76.10 B: 28.00 mm


**111053<sup>#</sup>** Starter 12 V, 0.8 kW

 Replacing: 0001211535, 0001211512,  
0001211232, 0001211227

Servicing: Ford

 B+ M8, 15a M5, Total length 217.00,  
Gear type DD, Mount. holes 3 (3)

A: 76.00 B: 13.00 mm


**111054** Starter 12 V, 1.1 kW

 Replacing: EGD1/12AR37, 0001311114,  
0001311104, 0001311103, 0001311032,  
0001311027, 0001311001, 0001305016

Servicing: Volvo, Volvo Penta

 B+ M8, 15a 4.80, Total length 263.00,  
Gear type DD/GR, Mount. holes 2 (0)

*Bosch OE do not have threaded Mounting holes*

A: 82.40 B: 35.00 mm


**111055** Starter 12 V, 0.7 kW

 Replacing: 0001157030, 0001157028,  
0001157024, 0001112008

Servicing: Opel, Pontiac, Vauxhall

 B+ M8, 15a 6.30, Total length 229.50,  
Gear type DD, Mount. holes 2 (0)

A: 67.95 B: 18.25 mm


**111056<sup>#</sup>** Starter 12 V, 0.8 kW

Replacing: 0001208224

Servicing: Opel, Vauxhall

B+ M8, Total length 243.50,

Gear type DD, Mount. holes 2 (1)

A: 82.40 B: 17.00 mm


**111058** Starter 12 V, 0.8 kW

 Replacing: 0001211530, 0001211529,  
0001211526, 0001211525, 0001113002,  
0001113001

Servicing: Audi, Seat, VW

 B+ M8, 15a 6.30, Total length 215.50,  
Gear type DD, Mount. holes 3 (2)

*Bushing d.e. (clutch house): HC-CARGO 140500.*

A: 82.35 B: 14.75 mm


**111059** Starter 12 V, 0.9 kW

 Replacing: B001181007, B001110116,  
9000692050, 9000042057, 0001211258,  
0001211257, 0001208419, 0001208418

Servicing: Seat, VW

 B+ M8, 15a 6.30, Total length 230.00,  
Gear type DD/GR, Clutch type Dry,

Mount. holes 3 (0)

*Bushing D.E. (clutch house): HC-CARGO 140008.*

A: 76.00 B: 33.00 mm


**111060** Starter 12 V, 1.7 kW

 Replacing: B001117071, 0001125015,  
0001117008, 0001110134, 0001110133,  
0001110015, 0001110014, 0001110002

Servicing: VW

 B+ M8, Total length 264.35, Gear type GR,  
Clutch type Dry, Mount. holes 3 (0)

*Bushing D.E. (clutch house): HC-CARGO 140018.*

A: 76.00 B: 31.80 mm


**111061** Starter 12 V, 0.8 kW

 Replacing: 0001211254, 0001211253,  
0001211252, 0001211251

Servicing: VW

 B+ M8, Total length 230.00,  
Gear type DD/GR, Mount. holes 2 (0)

*Bushing D.E. (clutch house): HC-CARGO 140008.*

A: 76.10 B: 44.50 mm


**111063** Starter 12 V, 1.2 kW

Replacing: 9000333114

Servicing: Citroen, Peugeot, Renault

B+ M8, Total length 208.00,

Gear type DD, Mount. holes 3 (3)

A: 66.00 B: -4.00 mm


**111064** Starter 12 V, 1.05 kW

Replacing: 9000333109

Servicing: Renault, Volvo

B+ M8, Total length 207.00,

Gear type DD, Mount. holes 3 (3)

A: 65.90 B: 11.00 mm


**111065** Starter 12 V, 2.2 kW

 Replacing: B001233261, B001233172,  
B001233121, 0001218765, 0001218165,  
0001218108, 0001218021, 0001218006

 Servicing: Daewoo, Mercedes-Benz,  
Ssangyong

B+ M8, Total length 276.00,

Gear type GR, Mount. holes 2 (2)

A: 82.30 B: 26.50 mm


**111066** Starter 12 V, 1.05 kW

Replacing: 9000331702, 0001208507

Servicing: Citroen, Fiat, Peugeot, Talbot

B+ M8, Total length 197.00,

Gear type DD, Mount. holes 2 (2)

A: 65.90 B: 21.00 mm


**111068** Starter 12 V, 0.85 kW

Replacing: 0001208518, 0001208226

Servicing: Citroen, Peugeot, Talbot

B+ M8, Total length 212.25,

Gear type DD, Mount. holes 3 (3)

A: 65.85 B: 15.65 mm


**111069** Starter 12 V, 1.7 kW

 Replacing: 0001310013, 0001110010,  
0001110009

Servicing: VW

B+ M8, Total length 290.00,

Gear type GR, Mount. holes 2 (0)

A: 82.40 B: 42.50 mm


**111070** Starter 12 V, 1.7 kW

 Replacing: 0001314034, 0001110056,  
0001110017, 0001109026

 Servicing: Citroen, Fiat, Hyundai, Lancia,  
Peugeot, Suzuki, Talbot

B+ M8, Total length 230.00,

Gear type GR, Mount. holes 3 (3)

A: 66.00 B: -6.50 mm


**111088** Starter 12 V, 0.8 kW

Replacing: 0001112036

Servicing: Daihatsu, Piaggio

B+ M8, Total length 209.80,

Gear type DD, Mount. holes 2 (0)

A: 64.60 B: 30.00 mm


**111100** Starter 12 V, 0.7 kW

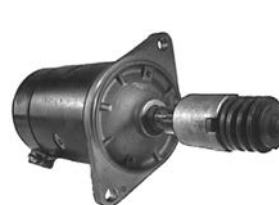
Replacing: 9000141104, 9000141015

Servicing: Citroen

B+ M8, Total length 207.75,

Gear type DD, Mount. holes 2 (0)

A: 65.60 B: 19.80 mm


**111103** Starter 12 V, 0.8 kW

Replacing: 9004475300

 Servicing: Hillman, MG, Morris, Triumph,  
Various Agriculture Vehicles, Vauxhall

B+ M8, Total length 321.50,

Gear type DD, Mount. holes 2 (0)

A: 88.80 B: 60.35 mm


**111106** Starter 12 V, 1.0 kW

Replacing: 9000333112, 0001208408

Servicing: Fiat, Lancia, Seat

B+ M8, Total length 232.00,

Gear type DD, Mount. holes 3 (3)

A: 82.00 B: 22.40 mm


**111112** Starter 12 V, 2.0 kW

 Replacing: 0001362083, 0001362078,  
0001362077, 0001362070, 0001362069

Servicing: Audi, Volvo, VW

B+ M10, Total length 287.75,

Gear type DD, Mount. holes 2 (2)

A: 82.45 B: 20.00 mm


**111115** Starter 12 V, 2.2 kW

 Replacing: 0001218620, 0001218020,  
0001218003

Servicing: Citroen, Peugeot, Talbot

B+ M8, Total length 281.00,

Gear type GR, Clutch type Dry,

Mount. holes 3 (3)

A: 98.50 B: 37.50 mm


**111118** Starter 12 V, 0.9 kW

Replacing: 9000082082, 9000082040, 9000082039, 9000082021

Servicing: Fiat

 B+ M8, Total length 230.00,  
Gear type GR, Mount. holes 3 (3)

A: 67.00 B: 13.00 mm


**111120** Starter 12 V, 2.2 kW

Replacing: B001233112, B001233104, 0001218130, 0001218112, 0001218111, 0001218017, 0001218005, 0001218004

Servicing: Volvo, VW

 B+ M8, Total length 272.65,  
Gear type GR, Mount. holes 2 (2)

A: 82.35 B: 21.60 mm


**111123** Starter 12 V, 0.9 kW

Replacing: 0001112035, 0001112015, 0001107401, 0001106015, 0001106011

Servicing: Chevrolet, Daewoo, Fiat, Mercedes-Benz, Opel, Vauxhall

 B+ M8, Total length 208.00,  
Gear type GR, Mount. holes 2 (0)

A: 67.95 B: 18.55 mm


**111125** Starter 12 V, 2.2 kW

Replacing: 0001218100

Servicing: DAF, LDV, Peugeot, Talbot

 B+ M8, Total length 257.50,  
Gear type GR, Mount. holes 3 (0)

A: 88.90 B: 21.00 mm


**111127** Starter 12 V, 1.4 kW

Replacing: 0001108093, 0001108053

Servicing: Opel, Pontiac, Vauxhall

 B+ M8, Total length 183.00,  
Gear type GR, Mount. holes 2 (0)  
Replacing: PG100.

A: 68.00 B: 18.00 mm


**111129#** Starter 12 V, 1.4 kW

Replacing: B001111164, 0001111164, 0001108138, 0001108086

Servicing: Citroen, Peugeot

 B+ M8, Total length 212.65,  
Gear type GR, Mount. holes 3 (2)

A: 62.00 B: 3.00 mm


**111130** Starter 12 V, 1.1 kW

Replacing: 0001107063, 0001107019

Servicing: Citroen, Fiat, Lancia, Peugeot

 B+ M8, Total length 208.00,  
Gear type GR, Clutch type Wet,  
Mount. holes 3 (3)

A: 65.90 B: -5.00 mm


**111131** Starter 12 V, 0.8 kW

Replacing: 9000333119, 9000333118, 0001114020, 0001114014, 0001113009, 0001113005, 0001113003, 0001112037

Servicing: Austin, Ford, Mazda, Rover

 B+ M8, Total length 208.75,  
Gear type DD, Mount. holes 3 (3)

A: 76.15 B: 13.45 mm


**111209#** Starter 12 V, 1.1 kW

Replacing: 0001311115

Servicing: Volvo Penta

 B+ M8, 15a 4.70, Total length 255.50,  
Gear type DD, Mount. holes 2 (0)

A: 82.45 B: 21.40 mm


**111217** Starter 12 V, 3.0 kW

Replacing: BNG4/12CR222, 0001418004, 0001418003, 0001413010, 0001413007, 0001401068, 0001401052, 0001401028

Servicing: Volvo, Volvo BM

 B+ M10, B- M10, Total length 386.50,  
Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm


**111218** Starter 24 V, 5.4 kW

Replacing: 0001416028, 0001414011, 0001402079

Servicing: Volvo Penta

 B+ M10, B- M10, Total length 388.00,  
Gear type DD, Mount. holes 3 (0),  
Insulated return

A: 89.00 B: 47.00 mm


**111219** Starter 24 V, 5.4 kW

Replacing: 0001417023, 0001416053, 0001415021, 0001411010, 0001410050, 0001410010

Servicing: Volvo Penta

 B+ M10, B- M10, Total length 407.00,  
Gear type DD, Mount. holes 3 (0),  
Insulated return

A: 89.00 B: 47.40 mm


**111231** Starter 24 V, 6.6 kW

Replacing: 0001417061, 0001417053

Servicing: Renault V.I.

 B+ M10, B- M10, Total length 405.00,  
 Gear type DD, Mount. holes 3 (0),  
 Insulated return

A: 89.00 B: 40.25 mm


**111249** Starter 24 V, 5.4 kW

 Replacing: BNG4/24CRS165BR,  
 BNG4/24CR165BR, 0001416027, 0001416017,  
 0001414018, 0001402058, 0001402056

Servicing: Various Industrial applications

 B+ M10, Total length 381.80,  
 Gear type DD, Mount. holes 3 (0),  
 Waterproof

A: 89.00 B: 48.25 mm


**111251** Starter 12 V, 1.1 kW

Replacing: 0001107047

Servicing: Dacia, Renault, Volvo

 B+ M8, Total length 208.20,  
 Gear type GR, Mount. holes 4 (4)

A: 66.00 B: -2.00 mm


**111269** Starter 12 V, 1.4 kW

 Replacing: 0001108158, 0001108152,  
 0001108111, 0001108082, 0001108071,  
 0001108040

Servicing: Avia, Ford, Land Rover

 B+ M8, Total length 245.60,  
 Gear type GR, Mount. holes 3 (0)

A: 88.85 B: 29.00 mm


**111270** Starter 12 V, 1.4 kW

 Replacing: 0001108091, 0001108038,  
 0001108012

Servicing: Saab

 B+ M8, 15a 4.70, Total length 246.35,  
 Gear type GR, Mount. holes 2 (0)

A: 88.75 B: 17.90 mm


**111304** Starter 12 V, 1.9 kW

 Replacing: 0001366014, 0001366005,  
 0001354038, 0001354013, 0001307025

Servicing: Sabb

 B+ M10, Total length 194.75,  
 Gear type DD, Mount. holes 2 (0)

A: 82.50 B: 20.70 mm


**111312** Starter 12 V, 0.8 kW

Replacing: 9007045016

Servicing: Nissan

 B+ M8, Total length 221.70,  
 Gear type DD/GR, Mount. holes 2 (0)

A: 70.00 B: 43.00 mm


**111332** Starter 12 V, 2.7 kW

 Replacing: 0001362341, 0001362314,  
 0001362306, 0001362043, 0001362025,  
 0001359072

Servicing: Fendt, Renault Agriculture

 B+ M8, Total length 293.55,  
 Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 21.00 mm


**111346** Starter 12 V, 2.8 kW

Replacing: 9004475061

Servicing: Massey Ferguson

 B+ M8, Total length 314.50, Gear type DD,  
 Clutch type Dry, Mount. holes 3 (0)

A: 89.00 B: 29.50 mm


**111347** Starter 12 V, 1.2 kW

 Replacing: B001111143, B001111100,  
 B001111010, 0001108149, 0001108124,  
 0001108003, 0001107403, 0001107096

 Servicing: Daewoo, Mercedes-Benz,  
 Ssangyong, VW

 B+ M8, Total length 219.80, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (2)

A: 82.35 B: 25.00 mm


**111396** Starter 12 V, 1.2 kW

 Replacing: 9007145009, 9007045020,  
 9007045009, 0001107049, 0001107031

Servicing: Chrysler, Dodge, Plymouth

 B+ M8, Total length 207.50, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (1)

A: 74.00 B: 8.30 mm


**111398** Starter 12 V, 1.1 kW

Replacing: 0001315004, 0001314031

Servicing: BUKH

 B+ M8, Total length 215.00,  
 Gear type DD, Mount. holes 2 (0)

*Oe unit has an opening on opposite side.  
 111398 should be mounted "upside down" (*
*Solenoid downward)*  
 A: 82.00 B: 21.00 mm




**111399** Starter 24 V, 4.0 kW

Replacing: 0001368083

Servicing: DAF

 B+ M10, Total length 352.50,  
 Gear type DD, Clutch type Wet,  
 Mount. holes 3 (0)

A: 89.00 B: 38.00 mm


**111400** Starter 12 V, 1.4 kW

Replacing: 0001108064, 0001108018

Servicing: BMW

 B+ M8, 30h M5, Total length 246.00,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 2 (0)

A: 76.00 B: 22.00 mm

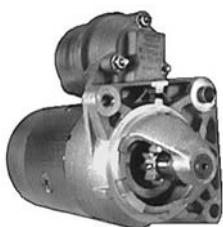

**111421** Starter 12 V, 2.2 kW

Replacing: 0001218741, 0001218141

Servicing: Citroen, Fiat

 B+ M8, Total length 272.00,  
 Gear type GR, Mount. holes 3 (3)

A: 81.75 B: 26.60 mm


**111422** Starter 12 V, 0.8 kW

 Replacing: F000AL0319, 0001116005,  
 0001113006

Servicing: Fiat, Lancia

 B+ M8, Total length 206.00,  
 Gear type DD, Mount. holes 3 (1)

A: 64.00 B: 11.50 mm

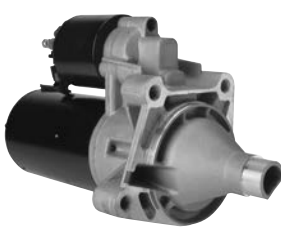

**111425** Starter 12 V, 1.4 kW

 Replacing: 0001208420, 0001108134,  
 0001108104, 0001108103, 0001108069,  
 0001108068, 0001108066, 0001108046

Servicing: Chrysler, Dodge, Plymouth

 B+ M8, Total length 267.00,  
 Gear type GR, Mount. holes 3 (2)

A: 81.90 B: 8.50 mm


**111456#** Starter 12 V, 1.4 kW

 Replacing: 0001110024, 0001108135,  
 0001108105, 0001108070

Servicing: Chrysler, Dodge, Plymouth

 B+ M8, Total length 258.00,  
 Gear type GR, Mount. holes 3 (3)

A: 80.00 B: 7.00 mm


**111475** Starter 12 V, 0.8 kW

Replacing: 9000334103

Servicing: Suzuki

 B+ M8, 15a 4.70, Total length 185.50,  
 Gear type DD, Mount. holes 2 (0)

A: 66.00 B: 18.00 mm

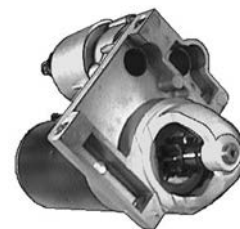

**111489** Starter 12 V, 1.4 kW

 Replacing: 0001311147, 0001311146,  
 0001108088, 0001108030

Servicing: Volvo

 B+ M8, 15a 4.70, Total length 242.00,  
 Gear type GR, Mount. holes 2 (2)

A: 82.50 B: 34.00 mm

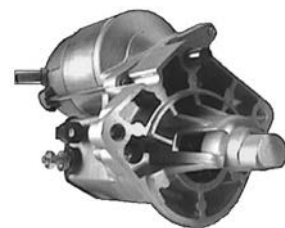

**111490** Starter 12 V, 1.4 kW

 Replacing: 0001108154, 0001108056,  
 0001108052, 0001108031

Servicing: Eagle, Jeep

 B+ M8, Total length 245.50,  
 Gear type GR, Mount. holes 2 (0)

A: 66.00 B: 11.00 mm


**111492** Starter 12 V, 1.4 kW

Replacing: 0001108123

Servicing: Chrysler, Dodge, Nissan, Plymouth

 B+ M8, Total length 226.50,  
 Gear type GR, Clutch type Wet,  
 Mount. holes 3 (2)

A: 82.00 B: 8.00 mm


**111573** Starter 12 V, 2.8 kW

Replacing: 0001359116

 Servicing: Avia, JCB, TCM, Various  
 Agriculture Vehicles

 B+ M8, Total length 311.00,  
 Gear type DD/GR, Mount. holes 3 (0)

A: 101.00 B: 25.50 mm


**111585** Starter 12 V, 0.8 kW

Replacing: 9000330948, 9000330929

Servicing: Fiat

 B+ M8, Total length 206.00,  
 Gear type DD, Mount. holes 3 (3)

A: 61.90 B: 13.00 mm




**111619** Starter 12 V, 1.7 kW

Replacing: 0001110125, 0001110082, 0001110025

Servicing: Fiat, Seat

 B+ M8, Total length 263.00,  
Gear type GR, Mount. holes 3 (3)

A: 82.50 B: 24.00 mm


**111636#** Starter 24 V, 5.0 kW

Replacing: 9000143501, 0001364402, 0001364203, 0001364200, 0001364104, 0001364102

Servicing: DAF

 B+ M10, Total length 371.00,  
Gear type DD, Clutch type Dry,  
Mount. holes 3 (0)

A: 88.75 B: 39.70 mm


**111637** Starter 24 V, 4.0 kW

Replacing: 0001368034, 0001360058, 0001360026, 0001231012

Servicing: DAF

 B+ M10, Total length 341.00,  
Gear type DD/GR, Mount. holes 3 (0)

A: 88.80 B: 48.00 mm


**111638** Starter 24 V, 4.0 kW

Replacing: 0001368074, 0001368063, 0001368017, 0001360061

Servicing: Volvo

B+ M10, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.70 mm


**111640** Starter 24 V, 4.0 kW

Replacing: 0001368081, 0001368016

Servicing: MAN

 B+ M10, Total length 338.50,  
Gear type DD, Mount. holes 3 (0)

A: 88.50 B: 28.00 mm


**111641** Starter 12 V, 0.7 kW

Replacing: 0001116001

Servicing: Nissan, Renault

 B+ M8, Total length 195.50,  
Gear type GR, Clutch type Dry,  
Mount. holes 2 (1)

A: 64.00 B: 0.50 mm


**111680** Starter 12 V, 1.1 kW

Replacing: 0001107082, 0001107059

Servicing: Ford

 B+ M8, Total length 211.75,  
Gear type GR, Clutch type Dry,  
Mount. holes 3 (2)

A: 71.00 B: 15.00 mm


**111685** Starter 12 V, 1.4 kW

Replacing: 0001107491, 0001107490, 0001107411, 0001107066

Servicing: Alfa Romeo, Fiat, Lancia

 B+ M8, Total length 211.80,  
Gear type GR, Clutch type Dry,  
Mount. holes 3 (0)

A: 65.90 B: 10.80 mm


**111693** Starter 12 V, 2.5 kW

Replacing: 0001362102

Servicing: Fiat, Iveco, Multicar

 B+ M10, Total length 295.65,  
Gear type DD/GR, Clutch type Dry,  
Mount. holes 3 (1)

A: 110.00 B: 21.65 mm


**111694** Starter 12 V, 1.8 kW

Replacing: 0001110139, 0001110138, 0001110137, 0001110136, 0001110129, 0001110128, 0001110127, 0001110126

Servicing: Audi, Ferrari, Seat, Skoda, VW

 B+ M8, Total length 270.00, Gear type GR,  
Clutch type Dry, Mount. holes 2 (2)

A: 82.50 B: 16.00 mm


**111724** Starter 12 V, 2.0 kW

Replacing: 0001109033

Servicing: Opel, Vauxhall

 B+ M8, Total length 242.00,  
Gear type GR, Mount. holes 2 (0)

A: 82.40 B: 21.00 mm


**111748** Starter 12 V, 1.1 kW

Replacing: 9000694029, 0001113011, 0001112039, 0001112038, 0001107053, 0001107052, 0001107021, 0001107020

Servicing: Audi, Ford, Seat, Skoda, VW

 B+ M8, Total length 223.00,  
Gear type GR, Mount. holes 3 (0)

 Bushing D.E. (clutch house): HC-CARGO 140018.  
A: 76.00 B: 33.00 mm


**111749** Starter 12 V, 1.1 kW

Replacing: 0001107023, 0001107022  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 B+ M8, Total length 245.00,  
 Gear type GR, Mount. holes 2 (0)  
 Bushing D.E. (clutch house): HC-CARGO 140018.  
 A: 76.00 B: 52.00 mm


**111750** Starter 12 V, 1.4 kW

Replacing: 0001108140, 0001108139,  
 0001108106, 0001108087, 0001108033,  
 0001107028, 0001107027, 0001107014  
 Servicing: Ford  
 B+ M8, 15a M5, Total length 208.50,  
 Gear type GR, Mount. holes 3 (3)  
 A: 76.00 B: 13.50 mm


**111751** Starter 12 V, 1.0 kW

Replacing: B001181014, B001111217,  
 0001114010, 0001114009, 0001112011,  
 0001112010  
 Servicing: Seat, VW  
 B+ M8, 15a 6.30, Total length 245.00,  
 Gear type DD, Mount. holes 2 (0)  
 Bushing D.E. (clutch house) enclosed.  
 A: 76.00 B: 53.50 mm


**111752** Starter 12 V, 2.7 kW

Replacing: 0001369016, 0001367001,  
 0001362300, 0001362063, 0001359074,  
 0001359014, 0001354080, 0001354073  
 Servicing: Case, Payloader  
 B+ M10, Total length 342.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 47.00 mm


**111755** Starter 12 V, 3.0 kW

Replacing: 0001369022, 0001369005,  
 0001369001, 0001367078, 0001367075,  
 0001367037, 0001362316, 0001362312  
 Servicing: John Deere  
 B+ M10, Total length 342.00,  
 Gear type DD, Mount. holes 2 (0)  
 A: 82.00 B: 34.00 mm


**111759**<sup>#</sup> Starter 12 V, 1.5 kW

Replacing: 0001354082, 0001354027,  
 0001314010, 0001307017  
 Servicing: Bomag, KHD  
 B+ M8, Total length 265.65,  
 Gear type DD, Mount. holes 2 (0)  
 A: 82.45 B: 18.00 mm


**111769** Starter 12 V, 1.4 kW

Replacing: 0001108221, 0001108220,  
 0001108175, 0001108174  
 Servicing: Audi, Skoda, VW  
 B+ M8, Total length 230.00,  
 Gear type GR, Mount. holes 2 (1)  
 A: 82.00 B: 27.00 mm


**111771** Starter 24 V, 6.2 kW

Replacing: 0001372001  
 Servicing: Mercedes-Benz  
 B+ M12, Total length 405.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 47.00 mm


**111791**<sup>#</sup> Starter 12 V, 2.4 kW

Replacing: EJD3/12BR4, 0001362052,  
 0001359107, 0001358050, 0001358021  
 Servicing: Claas  
 B+ M10, Total length 315.60,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 3 (0)  
 A: 89.00 B: 48.00 mm


**111793** Starter 12 V, 3.0 kW

Replacing: 0001367076, 0001367048,  
 0001367017, 0001359088, 0001359020  
 Servicing: Caterpillar, Mercedes-Benz, Volvo  
 B+ M10, Total length 342.00,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 3 (0)  
 A: 88.80 B: 28.50 mm


**111805** Starter 12 V, 2.5 kW

Replacing: 9000331203, 9000331201  
 Servicing: Ford, Nissan  
 B+ M8, Total length 228.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 95.00 B: 11.50 mm


**111817** Starter 12 V, 1.8 kW

Replacing: 0001110101, 0001110100  
 Servicing: Audi  
 B+ M8, 15a 6.30, Total length 268.00,  
 Gear type GR, Mount. holes 2 (1)  
 A: 76.00 B: 29.00 mm


**111823** Starter 12 V, 1.1 kW

Replacing: 0001121035, 0001121034, 0001121031, 0001121030, 0001121002, 0001121001

Servicing: Seat, Skoda, VW

B+ M8, Total length 211.00,

Gear type GR, Mount. holes 3 (1)

A: 82.50 B: 4.00 mm


**111848** Starter 12 V, 1.0 kW

Replacing: F005M00001, B001110097, 9000061017, 0001107108, 0001107101, 0001107100, 0001107056, 0001107045

Servicing: Chevrolet, Citroen, Daewoo, Holden, Isuzu, Opel, Peugeot, Vauxhall

B+ M8, Total length 215.50,

Gear type GR, Mount. holes 2 (1)

A: 82.50 B: 19.00 mm


**111851** Starter 12 V, 2.0 kW

Replacing: 0001218738, 0001218138, 0001218124, 0001110112, 0001110091, 0001110075, 0001110016, 0001109036

Servicing: Mercedes-Benz

B+ M8, Total length 240.00,

Gear type GR, Mount. holes 2 (2)

A: 82.50 B: 25.50 mm


**111855** Starter 12 V, 2.2 kW

Replacing: 0001223002, 0001218772, 0001218172, 0001109370

Servicing: KHD, Various Agriculture Vehicles

B+ M8, Total length 267.00, Gear type GR,

Clutch type Dry, Mount. holes 2 (0)

A: 82.50 B: 23.00 mm


**111865** Starter 12 V, 1.7 kW

Replacing: 0001110120, 0001110090, 0001109040, 0001108137

Servicing: Lancia, Land Rover

B+ M8, Total length 268.00,

Gear type GR, Mount. holes 2 (0)

A: 73.00 B: 39.00 mm


**111874** Starter 12 V, 2.2 kW

Replacing: 0001218166

Servicing: Toyota

B+ M8, Total length 234.00, Gear type GR, Clutch type Dry, Mount. holes 2 (2)

A: 74.00 B: 3.50 mm


**111885** Starter 12 V, 3.1 kW

Replacing: 0001369025, 0001369019, 0001369007, 0001367072, 0001367019

Servicing: Case

B+ M10, Total length 332.50,

Gear type DD, Mount. holes 3 (0)

*Oil and waterproof.*

A: 89.00 B: 48.00 mm


**111900** Starter 12 V, 1.8 kW

Replacing: 0001125043, 0001125042, 0001125013, 0001125012, 0001125008, 0001125007, 0001124002, 0001124001

Servicing: Audi, Ford, Seat, Skoda, VW

B+ M8, Total length 235.00,

Gear type GR, Mount. holes 2 (0)

Alternative no.: 115503

A: 76.00 B: 53.00 mm


**111904** Starter 12 V, 1.8 kW

Replacing: 0001127022, 0001125003, 0001124027, 0001124026, 0001124025, 0001124024, 0001124023, 0001124022

Servicing: Seat, VW

B+ M8, Total length 247.00,

Gear type GR, Mount. holes 2 (0)

A: 66.00 B: 46.70 mm


**111906** Starter 12 V, 1.1 kW

Replacing: 0001113017, 0001113010, 0001107500, 0001107499, 0001107417, 0001107407, 0001107087, 0001107043

Servicing: Ford, Mazda, Volvo

B+ M8, Total length 214.35,

Gear type GR, Mount. holes 3 (3)

A: 76.00 B: 26.35 mm


**111908** Starter 12 V, 1.8 kW

Replacing: 0001110110

Servicing: BMW

B+ M8, 30h M5, Total length 265.50,

Gear type GR, Mount. holes 3 (0)

A: 76.00 B: 21.50 mm


**111909** Starter 12 V, 1.1 kW

Replacing: 0001121029, 0001121028, 0001121007, 0001121006, 0001120403, 0001120402

Servicing: Audi, Ford, Seat, Skoda, VW

B+ M8, Total length 212.00,

Gear type GR, Mount. holes 3 (0)

Alternative no.: 115504

A: 76.25 B: 32.00 mm



11


**111910** Starter 24 V, 6.7 kW

Replacing: 0001371006

Servicing: Scania

 B+ M12, 30h M12, Total length 429.00,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 3 (0), Not Insulated return

A: 92.00 B: 47.00 mm



9


**111911** Starter 12 V, 1.4 kW

 Replacing: 0001108442, 0001108401,  
 0001108231, 0001108230, 0001108190,  
 0001108157, 0001108108, 0001107443

 Servicing: Bertolini, BMW, Ford, Various  
 Agriculture Vehicles

 B+ M8, 30h M5, Total length 231.50,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 3 (2)

A: 76.00 B: 20.50 mm



8,10


**111931** Starter 12 V, 1.1 kW

Replacing: F000AL0101

Servicing: Mercedes-Benz

 B+ M8, Total length 212.00,  
 Gear type GR, Mount. holes 2 (0)

A: 70.00 B: 15.00 mm



9


**111984** Starter 12 V, 1.1 kW

Replacing: 0001107075, 0001107030

Servicing: Toyota

 B+ M8, Total length 211.00,  
 Gear type GR, Mount. holes 2 (1)

A: 74.00 B: 8.00 mm



9


**111994** Starter 12 V, 0.7 kW

Replacing: 0001116003

Servicing: Citroen, Peugeot

 B+ M8, Total length 194.00,  
 Gear type GR, Mount. holes 3 (1)

A: 62.00 B: -5.00 mm



10


**111995** Starter 12 V, 2.0 kW

 Replacing: B001116092, 0001109067,  
 0001109066, 0001109022, 0001109021

Servicing: Audi, Skoda, VW

 B+ M8, Total length 285.00,  
 Gear type GR, Mount. holes 2 (2)

A: 76.00 B: 29.00 mm



9


**111996** Starter 12 V, 2.2 kW

 Replacing: 0001218774, 0001218174,  
 0001109344

Servicing: Iveco

 B+ M8, Total length 274.00,  
 Gear type GR, Mount. holes 3 (1)

A: 110.00 B: 26.00 mm



10


**112005** Starter 12 V, 1.1 kW

 Replacing: 0001121027, 0001121026,  
 0001121009, 0001121008

Servicing: Audi, Seat, Skoda, VW

 B+ M8, Total length 211.50,  
 Gear type GR, Clutch type Wet,  
 Mount. holes 2 (0)

A: 76.00 B: 52.00 mm



9,10


**112006** Starter 12 V, 2.0 kW

Replacing: 0001110132, 0001109034

Servicing: Toyota

 B+ M8, Total length 250.50,  
 Gear type GR, Mount. holes 2 (2)

A: 74.00 B: 3.50 mm



9


**112014** Starter 12 V, 2.0 kW

 Replacing: 0001125514, 0001125513,  
 0001125504, 0001125503

Servicing: VW

 B+ M8, Total length 237.00,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 2 (2)

A: 82.50 B: 21.00 mm



9,10


**112034** Starter 12 V, 1.7 kW

 Replacing: 0001214002, 0001115042,  
 0001110033, 0001109029

 Servicing: ACME, Arona, BCS, Ferrari,  
 Goldoni, Hatz, Lombardini, Mosa, Ruggerini

 B+ M8, Total length 233.30,  
 Gear type GR, Mount. holes 2 (0)

A: 76.00 B: 27.00 mm



10


**112037** Starter 24 V, 4.0 kW

Replacing: 0001368085

Servicing: Perkins, Volvo

 B+ M10, Total length 340.70,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 3 (0)

A: 89.00 B: 22.20 mm


**112039** Starter 12 V, 2.7 kW

Replacing: 0001366004, 0001362076, 0001362040, 0001362018, 0001362017, 0001358038, 0001354091, 0001354012

Servicing: Fendt, Jenbacher Werke, KHD, Lombardini

 B+ M10, Total length 295.00,  
 Gear type DD, Mount. holes 2 (0)  
 A: 82.50 B: 21.00 mm

**112040** Starter 12 V, 1.5 kW

Replacing: 0001314047

Servicing: Hatz

 B+ M8, Total length 272.50,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 2 (0)

A: 82.50 B: 43.50 mm


**112041** Starter 12 V, 2.2 kW

Replacing: 0001362700

Servicing: KHD, Various Agriculture Vehicles

 B+ M10, Total length 293.00,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 3 (0)

A: 82.50 B: 21.00 mm


**112052** Starter 12 V, 2.2 kW

Replacing: 9000331427, 0001218117, 0001218116

Servicing: VW

 B+ M8, Total length 294.00,  
 Gear type GR, Mount. holes 3 (0)

A: 76.00 B: 52.00 mm


**112053** Starter 12 V, 2.2 kW

Replacing: 0001223001, 0001218757, 0001218157, 0001109364

Servicing: Citroen, Peugeot

 B+ M8, Total length 272.50,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 3 (3)

A: 74.00 B: -6.00 mm


**112055** Starter 24 V, 5.2 kW

Replacing: 0001368313, 0001364400, 0001231041, 0001231013

Servicing: DAF

 B+ M10, Total length 340.00,  
 Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 48.00 mm


**112071** Starter 12 V, 3.0 kW

Replacing: 0001262002, 0001230014, 0001230006

Servicing: Deutz-Fahr

 B+ M10, Total length 315.80,  
 Gear type GR, Mount. holes 3 (0)

A: 89.00 B: 28.80 mm


**112074** Starter 12 V, 3.1 kW

Replacing: 0001369023, 0001369020, 0001369015, 0001367006

Servicing: Ford, New Holland

B+ M8, Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 21.00 mm


**112080** Starter 12 V, 1.4 kW

Replacing: 0001108173

Servicing: Volvo

 B+ M8, Total length 230.00,  
 Gear type GR, Mount. holes 3 (3)

A: 66.00 B: -1.00 mm


**112116** Starter 24 V, 6.6 kW

Replacing: 0001417075, 0001417065

Servicing: Volvo

 B+ M12, B- M12, Total length 407.00,  
 Gear type DD, Mount. holes 3 (0),  
 Insulated return

A: 92.00 B: 47.00 mm


**112118#** Starter 24 V, 6.6 kW

Replacing: 0001417007, 0001411027, 0001411021

Servicing: Isotta Fraschini, Iveco

 B+ M12, B- M10, Total length 405.00,  
 Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 48.00 mm


**112119** Starter 24 V, 6.6 kW

Replacing: 0001417042

Servicing: Scania

 B+ M10, B- M10, Total length 406.00,  
 Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 37.00 mm


**112120** Starter 24 V, 6.6 kW

Replacing: 0001417037, 0001411022

Servicing: MAN, Mercedes-Benz

 B+ M12, B- M10, Total length 405.00,  
 Gear type DD, Mount. holes 3 (0),  
 Insulated return

A: 92.00 B: 47.50 mm


**112125#** Starter 12 V, 2.2 kW

 Replacing: 0001218147, 0001218146,  
 0001218145, 0001218133, 0001218120

Servicing: Alfa Romeo, Fiat, Ford, Lancia

 B+ M8, Total length 272.00,  
 Gear type GR, Mount. holes 3 (3)

A: 82.40 B: 24.00 mm


**112131** Starter 12 V, 1.4 kW

 Replacing: 0001108077, 0001108076,  
 0001107004, 0001107003

Servicing: VW

 B+ M8, 15a 6.30, Total length 244.00,  
 Gear type GR, Mount. holes 2 (0)

*Bushing D.E. (clutch house): HC-CARGO 140018.*

A: 76.00 B: 52.00 mm


**112132** Starter 24 V, 4.0 kW

 Replacing: 0001368030, 0001360036,  
 0001360023

Servicing: Volvo BM

 B+ M10, Total length 339.00,  
 Gear type DD, Mount. holes 3 (0), Oil  
 sealed

A: 88.70 B: 47.00 mm


**112133#** Starter 12 V, 1.7 kW

Replacing: 0001110085, 0001110084

Servicing: Seat, VW

 B+ M8, Total length 282.50, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (0)  
*Bushing D.E. (clutch house): HC-CARGO 140018.*

A: 76.00 B: 52.50 mm


**112135** Starter 12 V, 3.1 kW

 Replacing: 0001369018, 0001362301,  
 0001362064, 0001359075, 0001359019,  
 0001354074

Servicing: Case

 B+ M10, Total length 315.50, Gear type DD,  
 Clutch type Dry, Mount. holes 3 (0)

A: 88.80 B: 22.00 mm


**112141** Starter 12 V, 1.0 kW

Replacing: 0001107016

Servicing: Ford

 B+ M8, Total length 210.00,  
 Gear type GR, Mount. holes 3 (2)

A: 76.00 B: 13.50 mm


**112166** Starter 12 V, 1.7 kW

 Replacing: 0001110119, 0001110118,  
 0001110087, 0001110086, 0001110070,  
 0001110069

Servicing: Ford, VW

 B+ M8, Total length 288.50, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (0)  
*Bushing D.E. (clutch house): HC-CARGO 140018.*

A: 76.00 B: 52.00 mm


**112167** Starter 12 V, 1.8 kW

Replacing: 0001110062, 0001110061

Servicing: VW

 B+ M8, Total length 236.00,  
 Gear type GR, Mount. holes 3 (0)  
*Bushing D.E. (clutch house): HC-CARGO 140018.*

A: 76.00 B: 52.00 mm


**112171** Starter 12 V, 1.1 kW

Replacing: 0001107024

 Servicing: BCS, Bertolini, Ferrari, Goldoni,  
 Lombardini, Piaggio, Valpadana

 B+ M8, Total length 220.00, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (0)

A: 76.00 B: 28.00 mm


**112172** Starter 12 V, 1.6 kW

 Replacing: 0001314001, 0001115035,  
 0001110042, 0001110041, 0001110028,  
 0001109009

 Servicing: Arona, BMW, Ferrari, Lombardini,  
 Mosa

 B+ M8, 30h M5, Total length 267.50,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 2 (0)

A: 76.00 B: 28.00 mm


**112173** Starter 12 V, 2.7 kW

 Replacing: 0001367008, 0001354108,  
 0001354029

 Servicing: Bertolini, BMW, Hatz, VM  
 (Stabilimenti Mec)

 B+ M10, Total length 342.50, Gear type DD,  
 Clutch type Dry, Mount. holes 2 (0)

A: 82.50 B: 20.00 mm


**112174** Starter 24 V, 3.2 kW

Replacing: 0001363123  
 Servicing: Mercedes-Benz  
 B+ M10, Total length 289.00,  
 Gear type DD, Mount. holes 2 (2)  
 A: 82.50 B: 21.00 mm


**112175** Starter 12 V, 3.0 kW

Replacing: 0001367054  
 Servicing: Hyster  
 B+ M10, Total length 341.00,  
 Gear type DD, Clutch type Wet,  
 Mount. holes 3 (0)  
 A: 89.00 B: 48.00 mm


**112221** Starter 12 V, 2.0 kW

Replacing: B001126081, B001126016,  
 0001125512, 0001125511, 0001125502,  
 0001125501  
 Servicing: VW  
 B+ M8, Total length 236.50,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 2 (2)  
 A: 82.50 B: 21.70 mm


**112224** Starter 24 V, 6.7 kW

Replacing: 0001371004  
 Servicing: Scania  
 B+ M12, Total length 428.00,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 3 (0)  
 A: 92.00 B: 48.00 mm


**112235** Starter 12 V, 1.4 kW

Replacing: 0001108121  
 Servicing: Ford, Mazda, Mercury  
 B+ M8, Total length 225.00,  
 Gear type GR, Mount. holes 3 (2)  
 A: 76.10 B: 13.00 mm


**112236** Starter 12 V, 1.8 kW

Replacing: B001127041, 0001124014,  
 0001124013  
 Servicing: Seat, Skoda, VW  
 B+ M8, Total length 245.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 76.10 B: 27.50 mm


**112249** Starter 12 V, 2.7 kW

Replacing: 0001366025, 0001354095,  
 0001354088, 0001354031  
 Servicing: Mercedes-Benz, Various  
 Agriculture Vehicles  
 B+ M10, Total length 295.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 82.50 B: 21.50 mm


**112267** Starter 12 V, 2.5 kW

Replacing: 0001367079, 0001362332,  
 0001362321, 0001362319  
 Servicing: Bobcat, Cummins, Ford  
 B+ M10, Total length 339.00,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 3 (0)  
 A: 89.00 B: 46.50 mm


**112286** Starter 12 V, 1.7 kW

Replacing: 0001125036, 0001125035,  
 0001125014, 0001125006, 0001125005,  
 0001124004, 0001124003, 0001110099  
 Servicing: Audi, Ford, Mercedes-Benz, Seat,  
 Skoda, VW  
 B+ M8, Total length 236.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 76.10 B: 32.00 mm


**112289** Starter 12 V, 0.8 kW

Replacing: 9000082061, 0001211246,  
 0001112024  
 Servicing: Fiat, Innocenti, Lancia  
 B+ M8, 15a M5, Total length 224.00,  
 Gear type DD, Mount. holes 3 (3)  
 A: 64.20 B: 13.00 mm


**112290** Starter 12 V, 2.2 kW

Replacing: 0001218728, 0001218128,  
 0001218105  
 Servicing: Ford, Mazda  
 B+ M8, Total length 264.00, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (3)  
 A: 76.00 B: 15.00 mm


**112295** Starter 12 V, 1.7 kW

Replacing: B001117311, 9000331411,  
 0001115001, 0001110114, 0001110095,  
 0001110089, 0001110026, 0001110003  
 Servicing: Mitsubishi, Renault, Volvo  
 B+ M8, Total length 265.00, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (3)  
 A: 66.00 B: -0.50 mm




**112304** Starter 12 V, 1.8 kW

Replacing: 0001108203

Servicing: Lada

B+ M8, Total length 267.00,

Gear type GR, Mount. holes 2 (0)

A: 76.10 B: 35.00 mm


**112306** Starter 12 V, 1.1 kW

Replacing: 0001108097, 0001108096,

0001107006, 0001107005

Servicing: VW

B+ M8, Total length 254.00, Gear type GR,

Clutch type Dry, Mount. holes 3 (0)

*Bushing D.E. (clutch house): HC-CARGO 140018.*

A: 76.00 B: 52.00 mm


**112307** Starter 12 V, 1.1 kW

Replacing: 0001107104, 0001107103,

0001107026, 0001107025

Servicing: Seat, VW

B+ M8, Total length 234.00, Gear type GR,

Clutch type Dry, Mount. holes 4 (2)

*Bushing D.E. (clutch house): HC-CARGO 140018.*

A: 82.50 B: 2.00 mm


**112309** Starter 12 V, 1.4 kW

Replacing: 0001108114, 0001108113

Servicing: Audi, VW

B+ M8, 15a 6.30, Total length 245.00,

Gear type GR, Mount. holes 2 (1)

A: 76.00 B: 27.00 mm


**112321** Starter 12 V, 1.1 kW

Replacing: B001110043, 0001112014,

0001112013, 0001112006, 0001112005,

0001107074, 0001107073, 0001107069

Servicing: Audi, Skoda, VW

B+ M8, Total length 227.55,

Gear type GR, Clutch type Dry,

Mount. holes 2 (2)

A: 82.50 B: 13.50 mm


**112340** Starter 12 V, 1.4 kW

Replacing: 0001108122

Servicing: Ford, Mazda, Mercury

B+ M8, Total length 226.00,

Gear type GR, Mount. holes 3 (3)

A: 76.00 B: 4.00 mm


**112429** Starter 12 V, 2.0 kW

Replacing: 0001125049, 0001125048,

0001125019, 0001125018

Servicing: Audi, Ford, Seat, Skoda, VW

B+ M8, Total length 259.00,

Gear type GR, Mount. holes 2 (0)

A: 76.00 B: 62.00 mm


**112430** Starter 12 V, 2.0 kW

Replacing: 0001125518, 0001125517,

0001125508, 0001125507

Servicing: VW

B+ M8, Total length 229.50,

Gear type GR, Clutch type Dry,

Mount. holes 2 (1)

A: 82.50 B: 21.00 mm


**112431** Starter 12 V, 1.1 kW

Replacing: 0001107098, 0001107077

Servicing: Chevrolet, Daewoo, Opel, Vauxhall

B+ M8, Total length 211.50,

Gear type GR, Clutch type Dry,

Mount. holes 2 (0)

A: 68.00 B: 18.00 mm


**112435** Starter 12 V, 1.1 kW

Replacing: 0001121017, 0001121016

Servicing: Audi, Seat, Skoda, VW

B+ M8, Total length 210.50,

Gear type GR, Clutch type Dry,

Mount. holes 2 (0)

A: 76.00 B: 52.50 mm


**112436** Starter 12 V, 2.3 kW

Replacing: 0001223013, 0001218759

Servicing: Citroen, Fiat, Peugeot

B+ M8, Total length 273.00,

Gear type GR, Clutch type Dry,

Mount. holes 3 (3)

A: 81.50 B: 21.50 mm


**112437#** Starter 24 V, 6.7 kW

Replacing: 0001371008

Servicing: Scania

B+ M12, Total length 430.00,

Gear type DD, Clutch type Wet,

Mount. holes 3 (0)

A: 92.00 B: 36.50 mm





10


**112438** Starter 12 V, 2.0 kW

Replacing: 0001125052, 0001125051, 0001125022, 0001125021

Servicing: Seat, Skoda, VW

B+ M8, Total length 234.25, Gear type GR, Clutch type Dry, Mount. holes 2 (0)

A: 76.00 B: 52.50 mm



9


**112439** Starter 12 V, 2.2 kW

Replacing: 0001218814, 0001218768, 0001218168, 0001218152

Servicing: Land Rover

B+ M8, Total length 274.00, Gear type GR, Mount. holes 3 (0)

A: 92.00 B: 20.50 mm



10


**112440** Starter 12 V, 2.2 kW

Replacing: 0001223005, 0001218162, 0001218156, 0001218150, 0001109250

Servicing: Mercedes-Benz, Ssangyong, VW

B+ M8, Total length 240.00, Gear type GR, Clutch type Dry, Mount. holes 2 (2)

A: 82.50 B: 26.00 mm



9


**112441** Starter 12 V, 2.3 kW

Replacing: 0001223024, 0001223007, 0001223003, 0001109376, 0001109375, 0001109371, 0001109307, 0001109306

Servicing: Iveco, Renault V.I.

B+ M8, Total length 258.00, Gear type GR, Clutch type Dry, Mount. holes 3 (3)

Alternative no.: 115505

A: 81-84 mm

A: 82.00 B: 27.00 mm



10,11


**112442** Starter 12 V, 3.0 kW

Replacing: 0001367077, 0001230002

Servicing: John Deere

B+ M10, Total length 315.00, Gear type GR, Clutch type Dry, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm



10


**112444** Starter 12 V, 2.0 kW

Replacing: 0001125047, 0001125046, 0001125017, 0001125016

Servicing: VW

B+ M8, Total length 257.00, Gear type GR, Clutch type Dry, Mount. holes 3 (0)

A: 76.00 B: 68.00 mm



9


**112445** Starter 12 V, 1.1 kW

Replacing: 0001107111, 0001107110, 0001107109, 0001107097, 0001107091

Servicing: Fiat, Lancia

B+ M8, Total length 210.00, Gear type GR, Clutch type Dry, Mount. holes 3 (2)

A: 66.00 B: 12.00 mm



11


**112454** Starter 12 V, 2.2 kW

Replacing: 0001218725, 0001218175, 0001218158, 0001218125, 0001218023

Servicing: Alfa Romeo, Chrysler, Dodge, Jeep, Rover

B+ M8, Total length 274.00, Gear type GR, Clutch type Dry, Mount. holes 3 (0)

A: 82.50 B: 21.00 mm



11


**112455** Starter 12 V, 1.4 kW

Replacing: 0001108146, 0001108025

Servicing: Alfa Romeo, Fiat, Lancia, VW

B+ M8, 15a 6.30, Total length 241.00, Gear type GR, Clutch type Dry, Mount. holes 3 (0)

A: 68.00 B: 22.45 mm



9


**112459** Starter 12 V, 1.4 kW

Replacing: 0001108188, 0001108178, 0001108177, 0001108150

Servicing: Cadillac, Opel, Vauxhall

B+ M8, Total length 230.00, Gear type GR, Mount. holes 2 (0)

A: 76.00 B: 22.00 mm



9


**112494** Starter 24 V, 4.0 kW

Replacing: 0001263008, 0001231028, 0001231005

Servicing: Volvo

B+ M10, Total length 316.00, Gear type GR, Clutch type Dry, Mount. holes 3 (0)

A: 89.00 B: 29.00 mm



11


**112496** Starter 12 V, 2.0 kW

Replacing: 0001109017

Servicing: Farymann

B+ M8, Total length 269.00, Gear type GR, Clutch type Dry, Mount. holes 3 (1)

A: 82.50 B: 14.50 mm


**112497** Starter 12 V, 1.4 kW

Replacing: 0001108050, 0001107058  
 Servicing: Mosa, Ruggerini  
 B+ M8, 15a 6.30, Total length 227.00,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 2 (0)  
 A: 76.00 B: 24.00 mm


**112498** Starter 24 V, 4.0 kW

Replacing: 0001263022, 0001263021,  
 0001231016  
 Servicing: Iveco  
 B+ M10, Total length 315.00,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 3 (0)  
 A: 88.75 B: 49.00 mm


**112499#** Starter 24 V, 6.6 kW

Replacing: 0001417060  
 Servicing: Liebherr  
 B+ M10, B- M10, Total length 407.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 51.00 mm


**112507** Starter 24 V, 5.4 kW

Replacing: 0001416026, 0001414022  
 Servicing: Volvo, Volvo Penta  
 B+ M10, B- M10, Total length 385.00,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 3 (0) BOSCH OE 0001414022 ER  
 OLJETÆT. HC-CARGO 112507 ER IKKE  
 A: 89.00 B: 51.00 mm


**112533** Starter 12 V, 2.2 kW

Replacing: 0001218771, 0001218171,  
 0001218134, 0001218026, 0001218009,  
 0001218001, 0001109024  
 Servicing: BMW, Land Rover, Opel, Vauxhall  
 B+ M8, 30h M5, Total length 271.75,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 2 (0)  
 A: 76.00 B: 21.00 mm


**112534** Starter 12 V, 2.0 kW

Replacing: 0001109035  
 Servicing: JCB, KHD, Perkins  
 B+ M8, Total length 239.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 74.00 B: 18.00 mm


**112537** Starter 12 V, 2.2 kW

Replacing: 0001218715, 0001218115,  
 0001218114, 0001218113, 0001218018,  
 0001218013, 0001218012  
 Servicing: Audi, Fiat, VW  
 B+ M8, Total length 274.00, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (2)  
 A: 82.50 B: 22.00 mm


**112541** Starter 12 V, 2.2 kW

Replacing: 9000331420, 0001218002  
 Servicing: Fiat, Jeep, Renault  
 B+ M8, Total length 273.00,  
 Gear type DD/GR, Clutch type Dry,  
 Mount. holes 2 (1)  
 A: 77.00 B: -4.00 mm


**112542** Starter 12 V, 1.35 kW

Replacing: 0001311054, 0001307021  
 Servicing: Bomag, Hatz  
 B+ M8, Total length 265.00,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 2 (0)  
 A: 82.50 B: 22.00 mm


**112553** Starter 12 V, 1.7 kW

Replacing: 0001110072  
 Servicing: Alpina, BMW  
 B+ M8, 30h M5, Total length 269.00,  
 Gear type GR, Mount. holes 2 (2)  
 A: 76.05 B: 21.50 mm


**112555** Starter 12 V, 3.1 kW

Replacing: 0001369024, 0001369014,  
 0001230014  
 Servicing: Bosch, Deutz-Fahr, Fendt, Irmer,  
 Jenbacher Werke, KHD, Kramer, Linde  
 B+ M10, Total length 303.00,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 3 (0)  
 A: 89.00 B: 28.50 mm


**112581** Starter 24 V, 6.2 kW

Replacing: B001860023, B001860021,  
 0001372008, 0001372007, 0001372003,  
 0001372002, 0001371015, 0001371010  
 Servicing: DAF  
 B+ M12, Total length 380.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 110.00 B: 48.00 mm


**112651** Starter 24 V, 4.8 kW

Replacing: 0001364300, 0001364101

Servicing: Bosch, KHD

 B+ M10, Total length 351.50,  
 Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm


**112660** Starter 12 V, 2.8 kW

 Replacing: 0001367042, 0001362310,  
 0001359069, 0001359045

Servicing: Case

 B+ M10, Total length 333.00,  
 Gear type DD, Mount. holes 3 (0)

A: 88.80 B: 48.00 mm


**112670** Starter 24 V, 4.0 kW

 Replacing: 0001368051, 0001368040,  
 0001368026

 Servicing: DAF, Hanomag, Mercedes-Benz,  
 Perkins

 B+ M10, Total length 341.00,  
 Gear type DD, Mount. holes 3 (0)

A: 88.80 B: 28.50 mm


**112818** Starter 12 V, 1.4 kW

 Replacing: 0001108167, 0001108166,  
 0001108153, 0001108107

Servicing: Renault, Volvo

 B+ M8, 15a 6.30, Total length 241.50,  
 Gear type GR, Mount. holes 2 (2)

A: 76.00 B: 0.20 mm


**113007**<sup>#</sup> Starter 24 V, 4.0 kW

Replacing: 0001368059

Servicing: John Deere

 B+ M10, Total length 338.50,  
 Gear type GR, Clutch type Wet,  
 Mount. holes 2 (0)

A: 82.50 B: 33.00 mm


**113134** Starter 12 V, 2.2 kW

 Replacing: 0001218167, 0001218163,  
 0001218101, 0001218019

Servicing: Renault, Renault V.I., Vauxhall

 B+ M8, Total length 272.00,  
 Gear type GR, Mount. holes 3 (0)

A: 109.70 B: 27.00 mm


**113177** Starter 12 V, 1.1 kW

Replacing: 0001107046, 0001107040

Servicing: Lamborghini

 B+ M8, Total length 212.50,  
 Gear type GR, Mount. holes 2 (0)  
 Non OE HC-CARGO 115329

A: 76.00 B: 16.00 mm


**113181** Starter 12 V, 2.3 kW

Replacing: 0001223021, 0001223016

Servicing: Bomag, JCB, KHD

 B+ M8, Total length 258.00,  
 Gear type GR, Mount. holes 2 (0)

A: 82.50 B: 23.25 mm


**113182** Starter 12 V, 3.0 kW

 Replacing: 0001230023, 0001230010,  
 0001230007

Servicing: New Holland

 B+ M10, Total length 320.00,  
 Gear type GR, Mount. holes 3 (0)

A: 110.00 B: 30.00 mm


**113183** Starter 24 V, 4.0 kW

Replacing: 0001231010

Servicing: Iveco

 B+ M10, Total length 315.00,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 3 (0)

A: 110.00 B: 31.00 mm


**113184** Starter 24 V, 4.0 kW

Replacing: 0001368069

Servicing: Case

 B+ M10, Total length 340.00,  
 Gear type DD, Mount. holes 3 (0)

A: 88.70 B: 48.00 mm


**113267** Starter 12 V, 0.7 kW

Replacing: 0001116006

Servicing: Nissan

 B+ M8, Total length 185.50,  
 Gear type DD, Mount. holes 2 (1)

A: 69.90 B: 12.00 mm


**113268** Starter 12 V, 1.6 kW

Replacing: 0001314016, 0001307035, 0001109012

Servicing: Arona, Claas, Ferrari, Goldoni, Lombardini, Valpadana

B+ M8, Total length 255.50, Gear type GR, Mount. holes 2 (0)

A: 82.40 B: 22.00 mm


**113269** Starter 12 V, 3.0 kW

Replacing: 0001359094

Servicing: Atlas Copco, Barber Greene, Benford, Case, Daewoo, Matbro, Perkins, Thwaites

B+ M10, Total length 234.50, Gear type GR, Mount. holes 3 (0)

A: 88.80 B: 31.50 mm


**113271** Starter 12 V, 1.1 kW

Replacing: 0001107434, 0001107433, 0001107088

Servicing: Toyota

B+ M8, Total length 204.00, Gear type GR, Clutch type Dry, Mount. holes 2 (1)

A: 73.90 B: 15.00 mm


**113276** Starter 12 V, 1.1 kW

Replacing: 0001107436, 0001107435, 0001107409, 0001107408, 0001107405, 0001107404, 0001107402

Servicing: Fiat, Opel, Saab, Vauxhall

B+ M8, Total length 214.00, Gear type GR, Mount. holes 2 (0)

A: 67.90 B: 18.00 mm


**113277** Starter 24 V, 4.0 kW

Replacing: 0001231011

Servicing: Iveco

B+ M10, Total length 315.00, Gear type GR, Mount. holes 3 (0)

A: 109.80 B: 27.50 mm


**113281** Starter 12 V, 1.1 kW

Replacing: 0001107080

Servicing: MG, Rover

B+ M8, Total length 231.40, Gear type GR, Clutch type Dry, Mount. holes 2 (0)

A: 75.00 B: 43.00 mm


**113282** Starter 12 V, 1.4 kW

Replacing: 0001108410, 0001108409, 0001108404, 0001108403, 0001108197

Servicing: Mercedes-Benz

B+ M8, Gear type GR, Mount. holes 2 (0)

A: 60.00 B: 25.80 mm


**113286** Starter 12 V, 0.9 kW

Replacing: 0001106019

Servicing: Mini

B+ M8, Total length 202.50, Gear type GR, Mount. holes 2 (0)

A: 73.90 B: 22.00 mm


**113292** Starter 12 V, 1.4 kW

Replacing: 0001108196

Servicing: BMW

B+ M8, 15a M5, Total length 230.20, Gear type GR, Clutch type Wet, Mount. holes 2 (1)

A: 76.10 B: 25.50 mm


**113303** Starter 12 V, 2.2 kW

Replacing: 0001109311, 0001109310, 0001109264, 0001109252

Servicing: Volvo

B+ M8, Total length 240.00, Gear type GR, Mount. holes 3 (2)

A: 76.00 B: 0.00 mm


**113346** Starter 12 V, 0.8 kW

Replacing: 0001106016

Servicing: MG, Rover

B+ M8, Total length 210.50, Gear type DD/GR, Mount. holes 3 (0)

A: 67.00 B: 39.50 mm

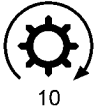

**113353** Starter 24 V, 4.0 kW

Replacing: 0001368311

Servicing: Fendt

B+ M10, Total length 340.00, Gear type DD, Mount. holes 3 (0)

A: 88.80 B: 27.50 mm



**113380** Starter 12 V, 2.8 kW

Replacing: 0001367056

Servicing: Ford

B+ M8, B- M8, Total length 307.00,  
Gear type DD, Mount. holes 3 (0)

A: 91.80 B: 20.00 mm



**113387** Starter 12 V, 2.0 kW

Replacing: 0001125032, 0001125031,  
0001125011, 0001125002, 0001125001,  
0001124006, 0001124005

Servicing: Seat, VW

B+ M8, Total length 238.00,  
Gear type GR, Mount. holes 3 (0)

A: 76.00 B: 54.00 mm



**113389** Starter 12 V, 2.2 kW

Replacing: 0001218710, 0001218110,  
0001218016

Servicing: Mercedes-Benz

B+ M8, Total length 272.50,  
Gear type GR, Mount. holes 2 (2)

A: 82.40 B: 25.00 mm



**113430** Starter 12 V, 1.8 kW

Replacing: 0001115025, 0001115021,  
0001109270, 0001109269, 0001109268,  
0001109253, 0001109045, 0001109030

Servicing: Alfa Romeo, Fiat, Lancia, Suzuki

B+ M8, Total length 226.00,  
Gear type GR, Mount. holes 3 (0)

A: 81.50 B: 9.50 mm



**113443** Starter 12 V, 1.4 kW

Replacing: B001111399, 0001108176,  
0001108130, 0001108085

Servicing: Citroen, Fiat, Peugeot

B+ M8, Total length 240.00,  
Gear type GR, Mount. holes 3 (3)

A: 62.10 B: -5.00 mm



**113446** Starter 12 V, 2.2 kW

Replacing: 0001109201, 0001109200,  
0001109025

Servicing: BMW, Land Rover, Opel, Vauxhall

B+ M8, 30h M5, Total length 239.00,  
Gear type GR, Clutch type Dry,  
Mount. holes 2 (2)

Alternative no.: 115506

A: 76.00 B: 20.00 mm



**113451** Starter 12 V, 2.2 kW

Replacing: 0001218159

Servicing: Citroen, Fiat, Peugeot

B+ M8, Total length 272.50,  
Gear type GR, Mount. holes 3 (3)

A: 81.50 B: 23.00 mm



**113464** Starter 24 V, 4.0 kW

Replacing: 0001364301, 0001364100

Servicing: ABG, Irmer, Iveco, KHD

B+ M10, Total length 346.50,  
Gear type DD, Clutch type Dry,  
Mount. holes 3 (0)

A: 89.00 B: 28.80 mm



**113465** Starter 12 V, 3.0 kW

Replacing: 0001367302, 0001367070,  
0001359095, 0001359008, 0001358034

Servicing: Renault V.I.

B+ M10, Total length 338.00, Gear type DD,  
Clutch type Dry, Mount. holes 3 (0)

A: 88.75 B: 21.50 mm



**113466** Starter 24 V, 4.0 kW

Replacing: 0001368306, 0001368304,  
0001368070, 0001368052, 0001360050,  
0001360013, 0001231009

Servicing: Renault V.I.

B+ M10, Total length 316.00,  
Gear type DD/GR, Clutch type Dry,  
Mount. holes 3 (0)

A: 88.90 B: 22.00 mm



**113467** Starter 12 V, 3.7 kW

Replacing: 0001365004

Servicing: Atlas Copco, Deutz-Fahr, Iveco

B+ M10, Total length 346.00, Gear type DD,  
Clutch type Dry, Mount. holes 3 (0)

A: 88.80 B: 28.00 mm



**113468** Starter 24 V, 4.0 kW

Replacing: 0001368317, 0001368310,  
0001368305, 0001368056, 0001231030,  
0001231019, 0001231007

Servicing: MAN

B+ M10, Total length 340.00, Gear type DD,  
Clutch type Dry, Mount. holes 3 (0)

A: 89.00 B: 27.00 mm


**113478** Starter 12 V, 2.8 kW

Replacing: 0001230005, 0001230003, 0001223502

Servicing: Atlas Copco, John Deere

 B+ M10, 15a M5, Total length 303.50,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 2 (0), Oil sealed

A: 82.00 B: 35.00 mm


**113480** Starter 12 V, 1.2 kW

Replacing: 0001107060

Servicing: Ruggieri

 B+ M8, Total length 210.00,  
 Gear type GR, Mount. holes 2 (0)

A: 76.00 B: 31.00 mm


**113481** Starter 12 V, 1.4 kW

 Replacing: 0001108186, 0001108182,  
 0001108180, 0001108143, 0001108051,  
 0001108022

 Servicing: Chrysler, Opel, Renault, Suzuki,  
 Vauxhall

 B+ M8, Total length 231.00,  
 Gear type GR, Mount. holes 4 (4)

A: 65.90 B: -1.00 mm


**113482** Starter 12 V, 3.0 kW

 Replacing: 0001367046, 0001367045,  
 0001359089, 0001359087, 0001359044,  
 0001359013

Servicing: Volvo BM

 B+ M10, Total length 338.50, Gear type DD,  
 Clutch type Wet, Mount. holes 3 (0)

A: 88.75 B: 47.00 mm


**113484** Starter 24 V, 4.0 kW

Replacing: 0001368039, 0001368037

Servicing: Sisu, Valtra

 B+ M10, Total length 340.00,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 3 (0)

A: 88.85 B: 47.50 mm


**113509** Starter 12 V, 2.0 kW

Replacing: 0001123017, 0001123016

Servicing: Audi, Seat, Skoda, VW

 B+ M8, Total length 242.00,  
 Gear type GR, Mount. holes 2 (0)

A: 76.10 B: 42.50 mm


**113513** Starter 12 V, 1.1 kW

Replacing: 0001107540, 0001107406

Servicing: Mercedes-Benz

 B+ M8, Total length 199.00,  
 Gear type GR, Mount. holes 2 (2)

A: 69.80 B: 27.00 mm


**113515** Starter 12 V, 0.9 kW

Replacing: 0001120401, 0001120400

Servicing: Audi, Seat, Skoda, VW

 B+ M8, Total length 197.05,  
 Gear type GR, Mount. holes 2 (0)

A: 76.00 B: 56.35 mm


**113534** Starter 12 V, 3.0 kW

Replacing: 0001367069

Servicing: Fiat-Allis, Perkins

 B+ M8, Total length 342.00,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 3 (0)

A: 88.85 B: 27.00 mm


**113570** Starter 12 V, 4.2 kW

Replacing: 0001260026, 0001260025

Servicing: Valtra

 B+ M10, Total length 320.00,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 3 (0)

A: 89.00 B: 47.50 mm


**113587#** Starter 12 V, 1.1 kW

Replacing: 9007045018, 6004AA0018

Servicing: Chrysler, Dodge, Plymouth

 B+ M8, Total length 207.50,  
 Gear type GR, Mount. holes 2 (1)

A: 73.90 B: 8.80 mm


**113605** Starter 12 V, 1.1 kW

Replacing: 0001107067

Servicing: Renault, Volvo

 B+ M8, Total length 216.00,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 3 (3)

A: 66.00 B: -1.70 mm


**113608** Starter 24 V, 6.2 kW

Replacing: 0001372005

Servicing: Evobus, Kässbohrer, Mercedes-Benz

 B+ M12, 15a M6, Total length 380.50,  
 Gear type DD/GR, Clutch type Wet,  
 Mount. holes 3 (0)

A: 92.00 B: 46.25 mm


**113609** Starter 24 V, 6.2 kW

Replacing: 0001372006

Servicing: Mercedes-Benz

 B+ M12, 15a M6S, Total length 391.00,  
 Gear type DD/GR, Clutch type Dry,  
 Mount. holes 3 (0)

A: 92.00 B: 48.00 mm


**113613** Starter 12 V, 1.1 kW

 Replacing: 6004AA0027, 6004AA0008,  
 6004AA0003, 0001107432, 0001107431,  
 0001107415

Servicing: Dodge, Plymouth

 B+ M8, Total length 211.50,  
 Gear type GR, Mount. holes 2 (1)

A: 73.90 B: 9.00 mm


**113644** Starter 12 V, 1.2 kW

Replacing: 0001112017, 0001107092

Servicing: Nissan

 B+ M8, Total length 189.80,  
 Gear type DD, Mount. holes 2 (1)

A: 69.90 B: 10.60 mm


**113649** Starter 12 V, 1.2 kW

Replacing: 0001107079

Servicing: Toyota

 B+ M8, Total length 206.30,  
 Gear type GR, Clutch type Wet,  
 Mount. holes 2 (2)

A: 74.00 B: 4.50 mm


**113674** Starter 12 V, 2.0 kW

 Replacing: 0001218068, 0001109068,  
 0001109062, 0001109055, 0001109052,  
 0001109015

Servicing: Opel, Saab, Vauxhall

 B+ M8, Total length 246.00,  
 Gear type GR, Mount. holes 2 (1)

A: 82.30 B: 18.50 mm


**113677** Starter 12 V, 1.1 kW

Replacing: 0001121011, 0001121010

Servicing: VW

 B+ M8, Total length 213.15,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 3 (0)

A: 76.00 B: 52.50 mm


**113678** Starter 12 V, 2.2 kW

Replacing: 0001125606, 0001125605

Servicing: VW

 B+ M8, Total length 258.00,  
 Gear type GR, Mount. holes 2 (0)

Alternative no.: 115507

A: 76.10 B: 62.00 mm


**113695** Starter 24 V, 6.0 kW

Replacing: 0001371001

Servicing: Caterpillar

 B+ M12, Total length 433.50,  
 Gear type DD, Mount. holes 3 (0), Oil  
 sealed

Replacing: 37MT.

A: 89.00 B: 47.00 mm


**113705** Starter 12 V, 1.7 kW

Replacing: 0001312001

Servicing: NSU, Volvo Penta

 B+ M8, Total length 241.00,  
 Gear type GR, Mount. holes 2 (0)

A: 82.20 B: 18.00 mm


**113706** Starter 12 V, 1.1 kW

Replacing: 0001107107

Servicing: Lombardini

B+ M8, Gear type GR, Mount. holes 2 (0)

A: 76.00 B: 15.50 mm


**113745** Starter 12 V, 1.4 kW

Replacing: 0001110011

Servicing: Jaguar

 B+ M8, 15a M4, Total length 267.00,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 2 (1)

A: 89.00 B: 26.70 mm


**113749<sup>#</sup>** Starter 12 V, 1.7 kW

Replacing: 0001115007

Servicing: Volvo

B+ M8, Total length 238.00,

Gear type GR, Mount. holes 3 (2)

A: 76.10 B: -0.50 mm


**113750** Starter 12 V, 0.9 kW

 Replacing: 0001113014, 0001113013,  
0001112045, 0001112044, 0001112028,  
0001112027

Servicing: Seat, VW

B+ M8, Total length 229.00,

 Gear type DD, Mount. holes 4 (2) *HC-*
*CARGOref<sup>®</sup> 114758 Marelli Version HC-*
*CARGOref<sup>®</sup> 113750 Bosch Version*

A: 82.50 B: 5.00 mm


**113752** Starter 12 V, 1.8 kW

 Replacing: 0001110124, 0001110102,  
0001110092, 0001109018

Servicing: Fiat

B+ M8, Total length 240.00,

Gear type GR, Mount. holes 3 (3)

A: 81.80 B: 23.50 mm


**113753** Starter 12 V, 0.9 kW

Replacing: 0001112025

Servicing: Citroen, Hyundai, Kia, Renault

B+ M8, Total length 216.00,

Gear type DD, Mount. holes 3 (3)

A: 65.90 B: -1.50 mm


**113759** Starter 24 V, 4.0 kW

Replacing: 0001231029, 0001231008

Servicing: MAN

B+ M10, Total length 315.00,

Gear type GR, Clutch type Dry,

Mount. holes 3 (0)

A: 89.00 B: 29.00 mm


**113760** Starter 24 V, 4.0 kW

 Replacing: 0001263002, 0001263001,  
0001231045, 0001231017

Servicing: DAF

B+ M10, Total length 315.00,

Gear type DD, Clutch type Dry,

Mount. holes 3 (0)

A: 89.00 B: 27.00 mm


**113761** Starter 12 V, 0.9 kW

 Replacing: 0001106022, 0001106017,  
0001106012

Servicing: Renault

B+ M8, Total length 208.00,

Gear type GR, Mount. holes 4 (4)

A: 65.90 B: -0.50 mm


**113773** Starter 12 V, 1.1 kW

Replacing: 0001121403, 0001121402

Servicing: Audi, Seat, Skoda, VW

B+ M8, Total length 210.00,

Gear type GR, Mount. holes 2 (0)

A: 76.15 B: 62.00 mm


**113841** Starter 12 V, 1.7 kW

 Replacing: 0001123039, 0001123038,  
0001123015, 0001123014

 Servicing: Audi, BMW, Opel, Peugeot,  
Renault, Seat, Skoda, VW

 B+ M8, Total length 242.00, Gear type GR,  
Clutch type Dry, Mount. holes 2 (0)

A: 76.10 B: 62.00 mm


**113842** Starter 12 V, 1.7 kW

Replacing: 0001123013, 0001123012

Servicing: Audi, Seat, Skoda, VW

B+ M8, Total length 246.00,

Gear type GR, Mount. holes 2 (0)

Alternative no.: 115508

A: 76.20 B: 52.50 mm


**113843** Starter 12 V, 1.1 kW

 Replacing: F002G20485, 0001107437,  
0001107429

Servicing: Fiat, Lancia, Opel, Suzuki, Vauxhall

B+ M8, Total length 199.00, Gear type GR,

Clutch type Dry, Mount. holes 2 (1)

A: 64.00 B: 24.25 mm


**113844** Starter 12 V, 0.95 kW

 Replacing: 9007042016, 9007042015,  
0001212401, 0001212400

Servicing: VW

B+ M8, 15a 6.30, Total length 240.00,

 Gear type DD, Clutch type Dry,  
Mount. holes 3 (0)

A: 82.50 B: 19.00 mm




**113845#** Starter 12 V, 1.5 kW

Replacing: 0001312110, 0001312100

Servicing: Porsche

 B+ M8, 15a M5, Total length 266.00,  
Gear type DD, Mount. holes 2 (0)

A: 76.20 B: 34.00 mm


**113846** Starter 12 V, 2.2 kW

 Replacing: 0001218703, 0001218103,  
0001218024

Servicing: Alfa Romeo, Fiat

 B+ M8, Total length 272.00,  
Gear type GR, Clutch type Dry,  
Mount. holes 3 (0)

A: 110.00 B: 26.50 mm


**113847** Starter 12 V, 0.95 kW

 Replacing: 0001208429, 0001208428,  
0001208426, 0001208425

Servicing: VW

 B+ M8, Total length 241.00,  
Gear type DD, Clutch type Dry,  
Mount. holes 2 (0)

A: 76.15 B: 43.25 mm


**113850** Starter 24 V, 5.4 kW

Replacing: 0001416059

Servicing: Volvo BM

 B+ M10, B- M10, Total length 387.00,  
Gear type DD, Clutch type Dry,  
Mount. holes 3 (0), Not Insulated return,  
Oil sealed

A: 89.00 B: 48.00 mm

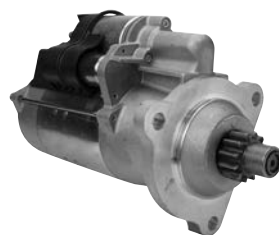

**113855** Starter 24 V, 5.4 kW

Replacing: 0001416010

Servicing: MAN, Mercedes-Benz

 B+ M12, B- M10, Total length 381.00,  
Gear type DD, Mount. holes 3 (0),  
Insulated return

A: 92.00 B: 51.00 mm


**113859** Starter 24 V, 6.0 kW

Replacing: 0001330008

Servicing: Scania

 B+ M10, B- M6, Total length 385.00,  
Gear type GR, Clutch type Dry,  
Mount. holes 3 (0)

A: 92.00 B: 48.00 mm


**113891** Starter 24 V, 5.5 kW

 Replacing: 0001261028, 0001261027,  
0001261026, 0001261025, 0001261002,  
0001261001, 0001241001

Servicing: Scania

 B+ M10, Total length 317.00, Gear type GR,  
Clutch type Dry, Mount. holes 3 (0)

 Alternative no.: 115509 **5★**

A: 92.00 B: 48.00 mm


**113900** Starter 12 V, 2.5 kW

 Replacing: F000AL0115, 6004AA3014,  
0001109331, 0001109330

Servicing: John Deere

 B+ M8, Total length 239.50, Gear type DD,  
Clutch type Dry, Mount. holes 2 (0)

A: 82.50 B: 26.00 mm

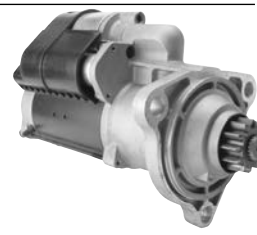

**113931** Starter 12 V, 1.7 kW

 Replacing: 0001108240, 0001108239,  
0001108235, 0001108234, 0001108224,  
0001108202

 Servicing: Alfa Romeo, Cadillac, Fiat, Lancia,  
Opel, Saab, Vauxhall

 B+ M8, Total length 226.00,  
Gear type GR, Mount. holes 3 (0)

A: 81.80 B: 9.80 mm


**113934** Starter 24 V, 5.5 kW

 Replacing: 0001241119, 0001241019,  
0001241014, 0001241007, 0001241003

Servicing: Bova, DAF, Solaris

 B+ M10, Total length 321.00,  
Gear type GR, Mount. holes 3 (0)

A: 110.00 B: 48.00 mm


**113935** Starter 12 V, 2.5 kW

Replacing: 0001109301, 0001109300

Servicing: Citroen, Fiat, Peugeot

 B+ M8x1.25, Total length 243.80,  
Gear type GR, Mount. holes 3 (3)

 Alternative no.: 115501 **5★**

A: 82.00 B: 1.00 mm


**113959** Starter 12 V, 2.0 kW

 Replacing: 0001109392, 0001109391,  
0001109388, 0001109387, 0001109329,  
0001109328, 0001109325, 0001109324

 Servicing: Citroen, Fiat, Ford, Land Rover,  
Peugeot

 B+ M8, Total length 261.50,  
Gear type GR, Mount. holes 2 (0)

 Alternative no.: 115510 **5★**

A: 89.00 B: 36.00 mm


**113960** Starter 12 V, 0.9 kW

Replacing: 0001106406, 0001106405  
 Servicing: Citroen, Mini, Peugeot  
 B+ M8, Total length 194.00,  
 Gear type GR, Mount. holes 4 (2)A.  
 Measure = 60-64mm  
 A: 64.00 B: 13.00 mm


**113962** Starter 12 V, 0.9 kW

Replacing: F000AL0320  
 Servicing: Alfa Romeo, Fiat, Ford, Lancia  
 B+ M8, Total length 169.60,  
 Gear type DD/GR, Mount. holes 2 (1)  
 A: 64.10 B: 10.00 mm


**113963** Starter 12 V, 1.1 kW

Replacing: 0001107439, 0001107438  
 Servicing: Citroen, Peugeot, Toyota  
 B+ M8, Total length 168.40,  
 Gear type DD/GR, Mount. holes 2 (1)  
 A: 74.00 B: 25.00 mm


**113968** Starter 12 V, 3.6 kW

Replacing: 0001369200  
 Servicing: New Holland  
 B+ M8, Total length 330.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 20.00 mm


**113979** Starter 24 V, 4.0 kW

Replacing: 0001231003  
 Servicing: Mercedes-Benz  
 B+ M10, Total length 310.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 92.00 B: 48.50 mm


**113980** Starter 24 V, 4.0 kW

Replacing: 0001368077, 0001231006  
 Servicing: KHD  
 B+ M10, Total length 319.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 82.50 B: 23.00 mm


**113981** Starter 12 V, 1.5 kW

Replacing: 0001314044  
 Servicing: KHD  
 B+ M8x1.25, 15a M5-6.30,  
 Total length 236.00, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (0)  
 A: 82.50 B: 25.50 mm


**114001** Starter 24 V, 4.0 kW

Replacing: 0001231034, 0001231023  
 Servicing: MAN  
 B+ M8, Total length 317.00,  
 Gear type GR, Mount. holes 3 (0)  
 With safety switch.  
 A: 89.00 B: 29.00 mm


**114002** Starter 12 V, 4.2 kW

Replacing: 0001262022, 0001230021  
 Servicing: Case  
 B+ M10, Total length 316.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 89.00 B: 27.00 mm


**114020** Starter 12 V, 2.2 kW

Replacing: 0001109267  
 Servicing: LDV  
 B+ M8, Total length 240.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 82.00 B: 0.00 mm


**114021** Starter 12 V, 3.0 kW

Replacing: 0001230020  
 Servicing: New Holland  
 B+ M10, Total length 314.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 89.00 B: 29.00 mm


**114031** Starter 24 V, 5.5 kW

Replacing: 0001241021, 0001241009,  
 0001241005  
 Servicing: MAN  
 B+ M10, Total length 318.50,  
 Gear type GR, Mount. holes 3 (0)  
 A: 92.00 B: 48.00 mm


**114033** Starter 24 V, 4.0 kW

Replacing: 0001231004

Servicing: Volvo

 B+ M10, B- M10, Total length 266.00,  
Gear type GR, Mount. holes 3 (0)

A: 92.00 B: 47.00 mm


**114034** Starter 12 V, 1.0 kW

Replacing: 0001120407, 0001120406

Servicing: Audi, Seat, Skoda, VW

 B+ M8, Total length 194.00,  
Gear type GR, Mount. holes 2 (0)

A: 76.00 B: 52.50 mm

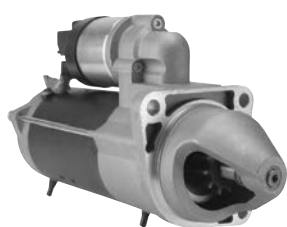

**114047** Starter 24 V, 4.0 kW

Replacing: 0001231014

Servicing: Volvo

 B+ M10, Total length 290.00,  
Gear type GR, Mount. holes 3 (0), Not  
Insulated return

A: 89.00 B: 48.00 mm


**114050** Starter 12 V, 4.2 kW

Replacing: 0001230022

Servicing: Case, New Holland

 B+ M10, 30h M10, Total length 317.00,  
Gear type GR, Mount. holes 3 (0)

A: 89.00 B: 27.50 mm


**114051** Starter 12 V, 1.0 kW

Replacing: 0001106014

Servicing: Smart (MCC)

 B+ M8, 30h M8, Total length 203.40,  
Gear type GR, Mount. holes 2 (2)

A: 70.00 B: 15.50 mm


**114052** Starter 12 V, 1.1 kW

Replacing: 0001107430, 0001107083

Servicing: Lombardini

 B+ M8, 15a M6, Total length 219.30,  
Gear type DD, Mount. holes 2 (0)

A: 76.00 B: 18.00 mm


**114053** Starter 12 V, 2.0 kW

Replacing: 0001218161, 0001109031

Servicing: Lombardini

 B+ M8, Total length 240.50,  
Gear type GR, Mount. holes 2 (0)

A: 82.50 B: 17.00 mm


**114054** Starter 12 V, 2.5 kW

 Replacing: 0001109335, 0001109334,  
0001109313, 0001109303, 0001109302

Servicing: Citroen, Fiat, Peugeot

 B+ M8, Total length 246.00,  
Gear type GR, Clutch type Dry,  
Mount. holes 3 (3)

Alternative no.: 115516

A: 82.00 B: 24.00 mm


**114055** Starter 12 V, 2.3 kW

 Replacing: 0001218776, 0001218176,  
0001109357

Servicing: Jacobsen, John Deere

 B+ M8, Total length 273.00,  
Gear type GR, Mount. holes 2 (0)

A: 82.50 B: 21.00 mm


**114062** Starter 12 V, 1.7 kW

Replacing: 0001123019, 0001123018

Servicing: Seat, Skoda, VW

 B+ M8, Total length 233.00, Gear type GR,  
Mount. holes 2 (0), Not Insulated return

A: 76.20 B: 52.00 mm


**114068** Starter 12 V, 1.1 kW

Replacing: 0001107441, 0001107440

Servicing: Toyota

 B+ M8, Total length 199.00,  
Gear type GR, Mount. holes 2 (1)

A: 74.00 B: 15.00 mm


**114069** Starter 24 V, 4.0 kW

 Replacing: 0001263004, 0001263003,  
0001231040, 0001231036

Servicing: DAF

 B+ M10, Total length 318.00,  
Gear type DD/GR, Mount. holes 3 (0)  
With safety switch.

A: 110.00 B: 48.00 mm


**114073** Starter 24 V, 5.5 kW

Replacing: 0001261045, 0001261044, 0001261013, 0001261012, 0001261008, 0001261007, 0001241020, 0001241015

Servicing: Bova, DAF, Solaris

 B+ M10, Total length 319.00,  
 Gear type DD/GR, Mount. holes 3 (0)  
 With safety switch.

Alternative no.: 115511

A: 110.00 B: 47.00 mm


**114091** Starter 12 V, 1.8 kW

Replacing: 0001115046, 0001115045, 0001115041, 0001115040

Servicing: BMW

 B+ M8, Total length 236.00,  
 Gear type GR, Mount. holes 2 (2)

A: 74.00 B: 21.50 mm


**114092** Starter 12 V, 2.0 kW

Replacing: 0001109389, 0001109341, 0001109340, 0001109204

Servicing: Ford

 B+ M8, Total length 239.00,  
 Gear type GR, Mount. holes 3 (3)

A: 76.00 B: 6.00 mm


**114093** Starter 12 V, 1.7 kW

Replacing: 0001115075, 0001115074, 0001115048, 0001115047

Servicing: Mercedes-Benz

 B+ M8, Total length 237.00,  
 Gear type GR, Mount. holes 2 (2)

Alternative no.: 115112

A: 82.50 B: 26.00 mm


**114094** Starter 12 V, 2.2 kW

Replacing: 0001109320, 0001109319, 0001109259, 0001109258

Servicing: Audi, VW

 B+ M8, Total length 252.00,  
 Gear type GR, Mount. holes 2 (1)

A: 76.00 B: 24.50 mm


**114096** Starter 12 V, 2.0 kW

Replacing: 0001125054, 0001125053

Servicing: Audi, Seat, Skoda

 B+ M8, Total length 244.00,  
 Gear type GR, Mount. holes 2 (2), Not  
 Insulated return

A: 82.00 B: 2.00 mm


**114105** Starter 12 V, 1.1 kW

Replacing: 0001107090

Servicing: Lombardini

 B+ M8, Total length 220.00,  
 Gear type GR, Mount. holes 2 (0)

A: 76.10 B: 28.00 mm


**114106** Starter 12 V, 1.6 kW

Replacing: 0001109043, 0001109008

Servicing: Hatz

 B+ M8, Total length 263.00,  
 Mount. holes 2 (0)

A: 82.50 B: 40.00 mm


**114118** Starter 12 V, 1.4 kW

Replacing: B001111158, 0001108115, 0001108065

Servicing: BMW

 B+ M8, 30h M5, Total length 244.00,  
 Gear type GR, Mount. holes 3 (0)

A: 75.90 B: 23.00 mm


**114123** Starter 12 V, 0.8 kW

Replacing: F000AL0310, F000AL0309

Servicing: Fiat

 B+ M8, 30h M6, Total length 190.00,  
 Gear type DD/GR, Mount. holes 3 (2)

A: 64.00 B: 12.00 mm


**114160** Starter 12 V, 1.8 kW

Replacing: 0001125040, 0001125039, 0001125010, 0001125009

Servicing: Seat, VW

 B+ M8, Total length 243.00,  
 Gear type GR, Mount. holes 2 (0)

A: 76.20 B: 53.00 mm


**114162** Starter 12 V, 1.1 kW

Replacing: F004A94410, 0001107502, 0001107501, 0001107418, 0001107410

Servicing: Ford

 B+ M8, Total length 201.00,  
 Gear type GR, Mount. holes 3 (3)

A: 76.00 B: 15.00 mm


**114163** Starter 12 V, 1.1 kW

Replacing: 0001121409, 0001121408  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Total length 195.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 76.00 B: 53.00 mm


**114170** Starter 24 V, 4.0 kW

Replacing: 0001368004  
 Servicing: Various Industrial applications,  
 Volvo  
 B+ M10, Total length 340.00,  
 Mount. holes 2 (0)  
 A: 89.00 B: 48.20 mm


**114173** Starter 12 V, 1.7 kW

Replacing: 0001123021, 0001123020  
 Servicing: VW  
 B+ M8, Total length 244.00,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 2 (0)  
 A: 76.00 B: 58.00 mm


**114174** Starter 12 V, 1.1 kW

Replacing: 0001121023, 0001121022  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Total length 233.90,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 2 (0)  
 A: 76.00 B: 62.00 mm


**114175** Starter 12 V, 1.1 kW

Replacing: 0001121411, 0001121410,  
 0001120411, 0001120410  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Total length 223.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 76.00 B: 56.00 mm


**114176** Starter 12 V, 1.0 kW

Replacing: 0001120409, 0001120408  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Total length 208.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 76.00 B: 52.00 mm


**114177** Starter 12 V, 2.0 kW

Replacing: 0001109065, 0001109064  
 Servicing: Audi  
 B+ M8, Total length 241.50,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 2 (2)  
 A: 82.50 B: 15.50 mm


**114178** Starter 12 V, 1.4 kW

Replacing: 0001115006, 0001108223,  
 0001108222  
 Servicing: Mercedes-Benz  
 B+ M8, Total length 246.30,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 2 (2)  
 A: 60.00 B: 27.00 mm


**114179** Starter 12 V, 1.2 kW

Replacing: 0001107428, 0001107427  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Total length 200.00,  
 Gear type GR, Mount. holes 2 (2)  
 A: 82.50 B: 15.45 mm



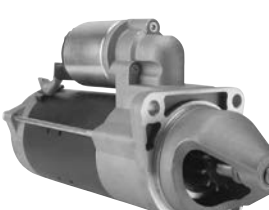
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**114181\*** Starter 12 V, 1.9 kW

Replacing: 0001354100  
 Mount. holes 2 (0)  
 A: 82.50 B: 21.00 mm


**114195** Starter 12 V, 3.0 kW

Replacing: 0001230018, 0001230008  
 Servicing: John Deere  
 B+ M10, Total length 312.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 89.00 B: 51.00 mm


**114196** Starter 24 V, 4.0 kW

Replacing: 0001263020, 0001263019,  
 0001231027, 0001231026  
 Servicing: Case, New Holland  
 B+ M10, Total length 317.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 89.00 B: 27.60 mm



**114199** Starter 12 V, 0.7 kW  
 Replacing: 0001116008  
 Servicing: Nissan  
 B+ M8x1.25, Total length 166.00,  
 Gear type DD, Mount. holes 2 (1)  
 A: 70.00 B: 11.00 mm



**114220** Starter 24 V, 4.0 kW  
 Replacing: 0001231018, 0001101110  
 Servicing: Deutz-Fahr  
 B+ M10, Total length 315.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 82.50 B: 25.00 mm



**114233** Starter 12 V, 2.2 kW  
 Replacing: 0001218177  
 Servicing: Jeep  
 B+ M8, Total length 272.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 82.50 B: 21.00 mm



**114265** Starter 12 V, 2.7 kW  
 Replacing: 0001366009, 0001354099  
 Servicing: VM Motori  
 B+ M10, Total length 295.00,  
 Mount. holes 2 (0)  
 A: 82.50 B: 21.50 mm



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**114266** Starter 24 V, 4.0 kW  
 Replacing: 0001368015  
 Servicing: AGCO POWER ( SISU DIESEL )  
 B+ M10, B- M8, Mount. holes 3 (0),  
 Insulated return  
 A: 89.00 B: 48.00 mm



**114275** Starter 12 V, 4.0 kW  
 Replacing: 0001260004, 0001260001  
 Servicing: John Deere  
 B+ M10, Gear type GR, Mount. holes 2 (0)  
 A: 89.00 B: 48.00 mm



**114294** Starter 12 V, 1.1 kW  
 Replacing: 0001107064  
 Servicing: Chrysler, Plymouth  
 B+ M8, Total length 239.00,  
 Gear type GR, Mount. holes 3 (2), Not  
 Insulated return  
 A: 70.00 B: 7.00 mm



**114295** Starter 12 V, 0.9 kW  
 Replacing: 0001106018  
 Servicing: Mini  
 B+ M6, Total length 211.50,  
 Gear type GR, Mount. holes 2 (0)  
 A: 74.00 B: 25.50 mm



**114297** Starter 12 V, 1.2 kW  
 Replacing: 0001107426, 0001107425  
 Servicing: BMW  
 B+ M8, Total length 199.00,  
 Gear type DD/GR, Mount. holes 2 (1)  
 A: 76.00 B: 25.00 mm



**114299** Starter 12 V, 1.7 kW  
 Replacing: 0001123029, 0001123028  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, 15a Plug, Total length 232.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 76.20 B: 56.00 mm



**114304** Starter 12 V, 2.3 kW  
 Replacing: 6033AB1J00, 0001218822  
 Servicing: VW  
 B+ M8, Total length 272.00,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 3 (0)  
 A: 110.00 B: 27.00 mm



**114307** Starter 24 V, 4.0 kW  
 Replacing: 0001263024, 0001263023,  
 0001231039  
 Servicing: Case  
 B+ M10, Total length 314.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 89.00 B: 47.00 mm


**114313** Starter 24 V, 2.5 kW

Replacing: 0001219014

Servicing: VM Motori

 B+ M8, Total length 272.00,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 2 (0)

A: 82.50 B: 21.00 mm


**114315** Starter 12 V, 1.4 kW

Replacing: 0001108402

Servicing: Ford, Volvo

 B+ M8, Total length 213.50,  
 Gear type GR, Mount. holes 3 (2)

A: 76.00 B: 0.00 mm


**114316** Starter 12 V, 1.7 kW

Replacing: 0001124015, 0001123001

Servicing: Porsche

 B+ M8, Total length 232.00,  
 Gear type GR, Mount. holes 2 (0)

A: 76.20 B: 53.00 mm


**114317** Starter 12 V, 2.0 kW

Replacing: 0001125056, 0001125055

Servicing: VW

 B+ M8, Total length 234.00,  
 Gear type GR, Mount. holes 2 (2)

A: 82.50 B: 20.00 mm


**114318** Starter 12 V, 2.2 kW

 Replacing: 9000331430, 9000331424,  
 9000331421, 9000331406, 0001218818

Servicing: Nissan

 B+ M8, Total length 262.00,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 2 (2)

A: 82.50 B: 9.00 mm


**114319** Starter 24 V, 2.5 kW

Replacing: 0001219009, 0001219007

 Servicing: Mercedes-Benz, Puch (Steyr-  
 Daimler)

 B+ M8, Total length 274.00,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 2 (2)

A: 82.50 B: 27.00 mm


**114320** Starter 12 V, 3.0 kW

Replacing: 0001230013

Servicing: JCB, KHD

 B+ M10, Total length 316.00,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 2 (0)

A: 82.50 B: 23.00 mm


**114321** Starter 12 V, 2.0 kW

Replacing: 0001109048, 0001108204

Servicing: Fiat

 B+ M8, Total length 238.00,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 3 (0)

A: 82.00 B: 11.00 mm


**114327** Starter 24 V, 5.5 kW

Replacing: 0001261016, 0001241008

Servicing: Howo, Scania, Weichai

 B+ M10, Total length 320.00,  
 Gear type GR, Mount. holes 3 (0)

A: 88.80 B: 47.80 mm


**114376** Starter 24 V, 4.0 kW

Replacing: 0001231035

Servicing: MAN

 B+ M10, Total length 311.50,  
 Gear type GR, Mount. holes 3 (0)  
 With safety switch

Alternative no.: 115113

A: 89.00 B: 29.00 mm


**114395** Starter 12 V, 3.0 kW

 Replacing: 0001262006, 0001230027,  
 0001230001

Servicing: Mercedes-Benz

 B+ M10, Total length 316.50,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 3 (0)

A: 89.00 B: 49.00 mm


**114397** Starter 24 V, 4.0 kW

Replacing: 0001368067

Servicing: Cummins

 B+ M10, Total length 340.00,  
 Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.20 mm


**114398** Starter 24 V, 4.0 kW

Replacing: 0001368071, 0001368050, 0001368046

Servicing: Hatz

B+ M10, Total length 345.00, Gear type DD, Mount. holes 2 (0), Not Insulated return

A: 82.50 B: 21.00 mm


**114402** Starter 12 V, 2.3 kW

Replacing: 0001223022, 0001109355

Servicing: Mercruiser, Mercury, Seat, VM Motori

B+ M8x1.25, Total length 257.00, Gear type GR, Mount. holes 2 (0), Not Insulated return

A: 82.50 B: 16.00 mm


**114437** Starter 24 V, 5.4 kW

Replacing: 0001416031

Servicing: Atlas Copco, Bosch, Ford, KHD, Poclairn

B+ M10, B- M10, Total length 324.00, Gear type DD, Mount. holes 3 (0), Insulated return

A: 89.00 B: 47.50 mm


**114438** Starter 24 V, 5.4 kW

Replacing: 0001416032

Servicing: KHD, Liebherr, Orenstein and koppel

B+ M10, B- M10, Mount. holes 3 (0), Insulated return

A: 89.00 B: 47.50 mm


**114446** Starter 24 V, 5.4 kW

Replacing: 0001416046

Servicing: Iveco

B+ M10, Total length 387.00, Mount. holes 3 (0)

A: 92.00 B: 47.50 mm


**114460** Starter 12 V, 1.4 kW

Replacing: 0001108400, 0001108183

Servicing: Citroen, Fiat, Hyundai, Lancia, Mitsubishi, Peugeot

B+ M8, Total length 216.00, Gear type GR, Mount. holes 3 (3)

B: -4.00 mm


**114473\*** Starter 12 V, 6.0 kW

Replacing: 0001330017, 0001330007

Mount. holes 3 (0)

A: 92.00 B: 51.00 mm


**114477** Starter 12 V, 1.7 kW

Replacing: 0001125025

Servicing: Porsche

B+ M8, Total length 234.00, Gear type GR, Mount. holes 2 (0)

A: 60.00 B: 29.00 mm


**114478** Starter 24 V, 3.2 kW

Replacing: 0001363113

Servicing: Lombardini

B+ M10, Gear type GR, Mount. holes 2 (0)

A: 82.50 B: 23.00 mm


**114507** Starter 12 V, 1.8 kW

Replacing: 0001115077, 0001115076

Servicing: Mercedes-Benz

B+ M8, Total length 255.00, Gear type GR, Mount. holes 2 (0)

A: 60.00 B: 26.00 mm


**114523** Starter 24 V, 4.0 kW

Replacing: B001260015, 0001263049, 0001263016, 0001263015, 0001231033, 0001231032, 0001231002

Servicing: Mercedes-Benz

B+ M10, Total length 313.00, Mount. holes 3 (0)

 Alternative no.: 115514 5★

A: 89.00 B: 48.50 mm


**114527** Starter 24 V, 6.0 kW

Replacing: 0001330004

Servicing: Volvo Penta

B+ M10, B- M10, Total length 360.00, Gear type GR, Mount. holes 3 (0), Insulated return

A: 92.00 B: 48.00 mm




**114676** Starter 12 V, 2.2 kW

Replacing: 0001362705

Servicing: KHD

 B+ M10, Total length 293.00,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 3 (0)

A: 82.50 B: 23.00 mm


**114689** Starter 12 V, 2.0 kW

 Replacing: 0001115069, 0001115068,  
 0001109070, 0001109069

Servicing: BMW

 B+ M8, Total length 240.00,  
 Gear type GR, Mount. holes 3 (0)

A: 69.0 B: 5.00 mm


**114690** Starter 12 V, 2.0 kW

Replacing: 0001125520, 0001125519

Servicing: Audi, VW

 B+ M8, Total length 230.00,  
 Gear type GR, Mount. holes 3 (1)

A: 76.20 B: 25.00 mm


**114692** Starter 12 V, 1.7 kW

Replacing: 0001138004, 0001138003

Servicing: Mini

 B+ M8, Total length 228.00,  
 Gear type GR, Mount. holes 4 (2)

A: 60.00 B: 14.00 mm


**114702** Starter 24 V, 4.0 kW

Replacing: 0001261006, 0001241016

 B+ M10, Total length 321.00,  
 Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 47.00 mm


**114723** Starter 12 V, 2.2 kW

Replacing: 0001125601, 0001125600

Servicing: VW

 B+ M8, Total length 245.00,  
 Gear type GR, Mount. holes 2 (2)

A: 82.50 B: 60.00 mm


**114740** Starter 12 V, 1.2 kW

Replacing: 0001107424, 0001107423

Servicing: BMW

 B+ M8, Total length 222.00,  
 Gear type GR, Mount. holes 2 (1)

A: 76.00 B: 25.00 mm


**114741** starter 12 V, 1.6 kW

Replacing: 0001314040, 0001109011

Servicing: Piaggio

 B+ M8, Total length 260.00,  
 Gear type GR, Mount. holes 3 (3)

A: 76.00 B: 21.50 mm


**114742** starter 12 V, 1.8 kW

Replacing: 0001149400

Servicing: Mercedes-Benz

 B+ M8, Total length 242.00,  
 Gear type GR, Mount. holes 2 (2), Not  
 Insulated return

A: 70.00 B: 16.00 mm


**114744** starter 24 V, 5.4 kW

Replacing: 0001416071, 0001410087

Servicing: Various Industrial applications

 B+ M10, B- M10, Total length 387.00,  
 Gear type DD, Mount. holes 3 (0),  
 Insulated return

A: 89.00 B: 47.50 mm


**114745** Starter 24 V, 4.0 kW

Replacing: 0001368078

Servicing: DAF

 B+ M10, B- M8, Total length 332.00,  
 Gear type DD, Mount. holes 3 (0),  
 Insulated return

A: 89.00 B: 49.00 mm


**114746** Starter 12 V, 1.4 kW

Replacing: 0001108412, 0001108411

Servicing: Volvo

 B+ M8, Total length 224.00,  
 Gear type GR, Mount. holes 3 (0), Not  
 Insulated return

A: 56.00 B: -7.00 mm



**114775** Starter 12 V, 2.2 kW  
 Replacing: 0001125610, 0001125609  
 Servicing: Audi, VW  
 B+ M8, Total length 235.50,  
 Gear type GR, Mount. holes 3 (1)  
 Alternative no.: 115502   
 A: 76.20 B: 25.00 mm



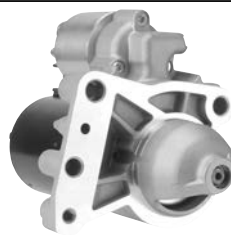
**114814** Starter 12 V, 0.9 kW  
 Replacing: 0001106024, 0001106023  
 Servicing: Nissan, Opel, Renault, Vauxhall  
 B+ M8, Total length 208.00,  
 Gear type GR, Mount. holes 4 (3)  
 A: 66.00 B: 0.00 mm



**114833** Starter 12 V, 1.7 kW  
 Replacing: 0001115079, 0001115078  
 Servicing: Fiat  
 B+ M8, Total length 235.00,  
 Gear type GR, Mount. holes 3 (3), Not  
 Insulated return  
 A: 82.00 B: 1.00 mm



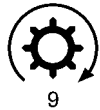
**114837** Starter 12 V, 1.2 kW  
 Replacing: 0001108406, 0001108405  
 Servicing: Audi  
 B+ M8, Total length 213.50,  
 Gear type GR, Mount. holes 2 (2)  
 A: 66.00 B: 25.50 mm



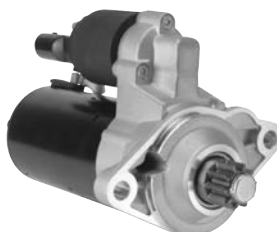
**114849** Starter 12 V, 1.7 kW  
 Replacing: 0001138006, 0001138005  
 Servicing: Mini  
 B+ M8, Total length 228.00,  
 Gear type GR, Mount. holes 4 (2), Not  
 Insulated return  
 A: 60.00 B: 14.00 mm



**114850** Starter 12 V, 2.5 kW  
 Replacing: 0001139030, 0001139029  
 Servicing: Mercedes-Benz  
 B+ M8, Total length 240.00,  
 Gear type GR, Mount. holes 2 (2), Not  
 Insulated return  
 A: 70.00 B: 16.00 mm



**114886** Starter 12 V, 1.2 kW  
 Replacing: 0001107449, 0001107448  
 Servicing: Toyota  
 B+ M8, Total length 189.00,  
 Gear type GR, Mount. holes 2 (1)  
 A: 74.0 B: 14.00 mm



**115311** Starter 12 V, 1.7 kW  
 Replacing: 0001123037, 0001123036  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Total length 245.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 76.00 B: 42.50 mm



**115312** Starter 12 V, 1.1 kW  
 Replacing: 0001137002, 0001137001  
 Servicing: Alfa Romeo, Fiat, Lancia  
 B+ M8, Total length 218.00,  
 Gear type GR, Mount. holes 3 (1)  
 A: 64.00 B: 10.50 mm



**115324** Starter 12 V, 1.9 kW  
 Replacing: 0001366010  
 Servicing: Hatz  
 B+ M10, Gear type DD, Mount. holes 2 (0)  
 A: 82.50 B: 21.00 mm



**115329** Starter 12 V, 1.2 kW  
 Replacing: 0001107046, 0001107040  
 Servicing: Lombardini  
 B+ M8, Total length 212.00,  
 Gear type GR, Mount. holes 2 (0)  
 Bosch OE HC-CARGO 113177  
 A: 76.20 B: 16.00 mm



**115333** Starter 12 V, 1.0 kW  
 Replacing: 0001121413, 0001121412  
 Servicing: Audi, Seat, VW  
 B+ M8, Total length 216.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 76.00 B: 43.00 mm


**115335** Starter 12 V, 2.2 kW

Replacing: 0001148010, 0001148009, 0001139016, 0001139015, 0001139002, 0001139001

Servicing: BMW

 B+ M8, Total length 242.00,  
 Gear type GR, Mount. holes 3 (0)

A: 69.00 B: 6.00 mm


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**115336** Starter 12 V, 2.2 kW

Replacing: 0001145002, 0001145001

Servicing: Audi, Seat, Skoda, VW

 B+ M8, Total length 252.00,  
 Gear type GR, Mount. holes 3 (0)

A: 79.00 B: 52.00 mm


**115337** Starter 12 V, 2.0 kW

Replacing: 0001142006, 0001142005

Servicing: Audi, Seat, VW

 B+ M8, Total length 240.00,  
 Gear type GR, Mount. holes 2 (0)

A: 79.00 B: 62.00 mm


**115338** Starter 12 V, 2.0 kW

Replacing: 0001142004, 0001142003

Servicing: Seat, VW

 B+ M8, Total length 240.00,  
 Gear type GR, Mount. holes 3 (0)

A: 79.00 B: 52.00 mm

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**115339\*** Starter 12 V

Replacing: 0001147409, 0001147408

Mount. holes 2 (2)


**115344** Starter 12 V, 2.3 kW

Replacing: 0001109360, 0001109359

Servicing: Lombardini

 B+ M10, Total length 295.00,  
 Mount. holes 2 (0), Not Insulated return

A: 82.50 B: 21.00 mm


**115375** Starter 12 V, 2.0 kW

Replacing: 0001125522, 0001125521

Servicing: Audi

 B+ M8, Total length 230.00,  
 Gear type GR, Mount. holes 3 (1)

A: 76.00 B: 25.00 mm


**115394** Starter 12 V, 1.1 kW

Replacing: 0001107534, 0001107509, 0001107508, 0001107451, 0001107450

Servicing: Audi

 B+ M8, Total length 218.50,  
 Gear type GR, Mount. holes 2 (1)

A: 66.00 B: 24.00 mm


**115395** Starter 12 V, 1.1 kW

Replacing: 0001107522, 0001107521

Servicing: Chevrolet, Opel, Vauxhall

 B+ M8, Total length 201.00,  
 Gear type GR, Mount. holes 2 (0), Not Insulated return

A: 68.00 B: 19.00 mm


**115397** Starter 12 V, 2.0 kW

Replacing: 0001109042

Servicing: GAZ

 B+ M8, Total length 245.00,  
 Gear type GR, Mount. holes 2 (2), Not Insulated return

Alternative no.: 115500

A: 82.50 B: 21.50 mm


**115398** Starter 12 V, 1.7 kW

Replacing: 0001138002, 0001138001

Servicing: BMW

 B+ M8, Total length 227.00,  
 Gear type GR, Mount. holes 2 (1), Not Insulated return

A: 76.2 B: 26.00 mm


**115399** Starter 12 V, 1.4 kW

Replacing: 0001138010, 0001138009

Servicing: Alfa Romeo, Fiat, Lancia

 B+ M8, Total length 227.00,  
 Gear type GR, Mount. holes 3 (0), Not Insulated return

A: 76.2 B: 3.00 mm



**115400** Starter 12 V, 1.4 kW  
 Replacing: 0001138012, 0001138011  
 Servicing: Alfa Romeo, Fiat, Ford, Lancia  
 B+ M8, Total length 230.00,  
 Gear type GR, Mount. holes 2 (1)  
 A: 64.00 B: 24.00 mm



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**115401** Starter 12 V, 2.2 kW  
 Replacing: 0001142002, 0001142001  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Total length 242.00,  
 Gear type GR, Mount. holes 2 (0), Not  
 Insulated return  
 A: 79.0 B: 52.00 mm



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**115402** Starter 12 V, 1.8 kW  
 Replacing: 0001153010, 0001153009  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Total length 248.00,  
 Gear type GR, Mount. holes 2 (0), Not  
 Insulated return  
 A: 79.0 B: 61.00 mm



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**115408\*** Starter 12 V, 2.3 kW  
 Replacing: 0001223006  
 Servicing: Mercedes-Benz  
 Gear type GR, Mount. holes 2 (0)

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**115423\*** Starter 12 V, 2.4 kW  
 Replacing: 0001366003, 0001362058  
 Mount. holes 2 (0)  
 A: 82.50 mm



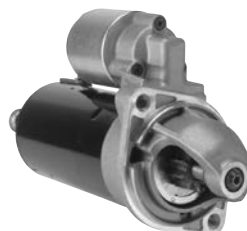
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**115427\*** 12 V, 2.7 kW  
 Replacing: 0001354089  
 Mount. holes 2 (0)



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**115428\*** Starter 12 V, 1.8 kW  
 Replacing: 0001354026  
 Gear type DD, Mount. holes 2 (0)



**115500** 5★ Starter 12 V, 2 kW  
 Manufacturer: Bosch  
 Replacing: GAZ  
 Servicing: 0001109042  
 B+ M8, Total length 245.00,  
 Gear type GR, Mount. holes 2 (2), Not  
 Insulated return  
 Alternative no.: 115397  
 A: 82.50 B: 21.00 mm



**115501** 5★ Starter 12 V, 2.5 kW  
 Manufacturer: Bosch  
 Replacing: Citroen, Fiat, Peugeot  
 Servicing: 0001109300  
 B+ M8x1.25, Total length 243.80, Gear type GR,  
 Mount. holes 3 (3), Not Insulated return  
 Alternative no.: 113935  
 A: 82.00 B: 1.00 mm



**115502** 5★ Starter 12 V, 2.2 kW  
 Manufacturer: Bosch  
 Replacing: Audi, VW  
 Servicing: 0001125609  
 B+ M8, Total length 235.50, Gear type GR,  
 Mount. holes 3 (1), Not Insulated return  
 Alternative no.: 114775  
 A: 76.20 B: 25.00 mm



**115503** 5★ Starter 12 V, 1.8 kW  
 Manufacturer: Bosch  
 Replacing: Audi, Ford, Seat, Skoda, VW  
 Servicing: 0001125042  
 B+ M8, Total length 235.00, Gear type GR,  
 Mount. holes 2 (0), Not Insulated return  
 Alternative no.: 111900  
 A: 76.00 B: 53.00 mm



**115504** 5★ Starter 12 V, 1.1 kW  
 Manufacturer: Bosch  
 Replacing: Audi, Ford, Seat, Skoda, VW  
 Servicing: 0001121028  
 B+ M8, Total length 212.00, Gear type GR,  
 Mount. holes 3 (0), Not Insulated return  
 Alternative no.: 111909  
 A: 76.25 B: 32.00 mm



**115505** 5★ Starter 12 V, 2.3 kW

Manufacturer: Bosch

Replacing: Iveco, Mitsubishi, Multicar, Renault V.I.

Servicing: 0001109371, 0001109306

B+ M8, Total length 246.00, Gear type GR, Mount. holes 3 (3), Not Insulated return

Alternative no.: 112441

A: 82.00 B: 27.00 mm

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**115506** 5★ Starter 12 V, 2.2 kW

Manufacturer: Bosch

Replacing: BMW, Land Rover

Servicing: 0001109025

Mount. holes 2 (2)

Alternative no.: 113446



**115507** 5★ Starter 12 V, 2.2 kW

Manufacturer: Bosch

Replacing: VW

Servicing: 0001125605

B+ M8, Total length 257.3, Gear type GR, Mount. holes 2 (0)

Alternative no.: 113678

A: 76.15 B: 61.6 mm



**115508** 5★ Starter 12 V, 1.7 kW

Manufacturer: Bosch

Replacing: Audi, Seat, Skoda, VW

Servicing: 0001123012

B+ M8, Total length 246.00, Gear type GR, Mount. holes 3 (0), Not Insulated return

Alternative no.: 113842

A: 76.20 B: 52.50 mm



**115509** 5★ Starter 24 V, 5.5 kW

Manufacturer: Bosch

Replacing: Scania

Servicing: 0001261028, 0001261027, 0001261026

Mount. holes 3 (0)

Alternative no.: 113891



**115510** 5★ Starter 12 V, 2.0 kW

Manufacturer: Bosch

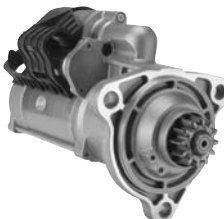
Replacing: Citroen, Fiat, Ford, Land Rover, Peugeot

Servicing: 0001109324

B+ M8, Total length 255.00, Gear type GR, Mount. holes 2 (0), Not Insulated return

Alternative no.: 113959

A: 89.00 B: 36.00 mm



**115511** 5★ Starter 24 V, 5.5 kW

Manufacturer: Bosch

Replacing: Bova, DAF, Minelli, Solaris

Servicing: 0001261045, 0001261044, 0001261013, 0001261012

B+ M10, Total length 324.00, Gear type DD/GR, Mount. holes 3 (0), Not Insulated return  
With safety switch.

Alternative no.: 114073

A: 110.00 B: 47.00 mm



**115512** 5★ Starter 12 V, 1.7 kW

Manufacturer: Bosch

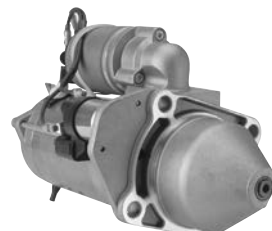
Replacing: Mercedes-Benz

Servicing: 0001115047

B+ M8, Total length 238.00, Gear type GR, Mount. holes 2 (2), Not Insulated return

Alternative no.: 114093

A: 82.50 B: 26.00 mm



**115513** 5★ Starter 24 V, 4.0 kW

Manufacturer: Bosch

Replacing: MAN

Servicing: 0001231035

B+ M10, Total length 315.00, Gear type GR, Mount. holes 3 (0), Not Insulated return  
w/ safety switch.

Alternative no.: 114376

A: 89.00 B: 29.00 mm



**115514** 5★ Starter 24 V, 4.0 kW

Manufacturer: Bosch

Replacing: Mercedes-Benz

Servicing: 0001231033

B+ M10, Total length 313.00, Gear type GR, Mount. holes 3 (0), Not Insulated return

Alternative no.: 114523

A: 89.00 B: 48.50 mm



**115515** 5★ Starter 12 V, 2.0 kW

Manufacturer: Bosch

Replacing: GAZ

Servicing: 0001109046

Mount. holes 3 (0)



**115516** 5★ Starter 12 V, 2.5 kW

Manufacturer: Bosch

Replacing: Citroen, Fiat, Peugeot

Servicing: 0001109302

B+ M8, Total length 246.00, Gear type GR, Clutch type Dry, Mount. holes 3 (3), Not Insulated return

Alternative no.: 114054

A: 82.00 B: 23.00 mm


**110634** Starter 12 V, 0.65 kW

Replacing: 693054, 497595, 497594, 491766, 453303, 394805, 392749, 391423, 390838

Servicing: Briggs &amp; Stratton

 B+ 1/4" UNC, Total length 170.00,  
 Gear type DD, Mount. holes 3 (0)  
 mm

**110635** Starter 12 V, 0.5 kW

Replacing: 497596, 435307, 394808, 394674, 393017

 Servicing: Briggs & Stratton, Various  
 Agriculture Vehicles

 B+ M6, Total length 169.00,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 2 (0)

B: 15.60 mm


**111804** Starter 12 V, 0.6 kW

Replacing: 396306, 394807, 391178

Servicing: Toro, Various Agriculture Vehicles

 B+ 1/4" UNC, Total length 182.00,  
 Gear type DD, Mount. holes 2 (0)

B: 50.00 mm


**112242** Starter 12 V, 0.6 kW

Replacing: 498148, 495100, 399928

 Servicing: Briggs & Stratton, Various  
 Agriculture Vehicles

 B+ M6, Total length 182.00,  
 Gear type DD, Mount. holes 2 (0)

B: 10.00 mm


**112563** Starter 12 V, 0.8 kW

Replacing: 795121, 691262, 499529, 499521, 497401, 495920, 494990, 494900, 494490, 494198, 494148, 490420

Servicing: Briggs &amp; Stratton

 B+ 1/4" UNC, Total length 182.00,  
 Gear type DD, Mount. holes 2 (0)  
 mm

**113539** Starter 12 V

Replacing: 844717, 808106, 693469, 691564

Servicing: Briggs &amp; Stratton, John Deere

 B+ M8, Total length 185.70,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 2 (0)

**113853** Starter 12 V

Replacing: 693551

 Servicing: Briggs & Stratton, Cub Cadet,  
 John Deere

 B+ 1/4" UNC, Total length 170.00,  
 Gear type PMDD, Mount. holes 3 (0)

B: 13.00 mm


**114517** Starter 12 V

Replacing: 498149

Servicing: Briggs &amp; Stratton

 B+ 1/4" UNC, Total length 169.00,  
 Gear type DD, Mount. holes 2 (0)

B: 12.00 mm


**114519** Starter 12 V, 1.0 kW

Replacing: 693552

Servicing: Briggs &amp; Stratton

 B+ 1/4" UNC, Total length 182.00,  
 Gear type DD, Mount. holes 2 (0)

B: 13.00 mm


**114520** Starter 12 V

Replacing: 490753

Servicing: Briggs &amp; Stratton

 B+ 1/4" UNC, Total length 235.00,  
 Gear type DD, Mount. holes 3 (1)

B: 48.00 mm


**110205** Starter 24 V, 6.5 kW

Replacing: 860500, 858881, 857466

Servicing: Volvo

 B+ M12, Total length 407.00,  
 Gear type DD, Mount. holes 3 (0),  
 Waterproof

A: 89.00 B: 47.50 mm


**110206** Starter 24 V, 5.4 kW

Replacing: 860508, 857470

 Servicing: Claas, Fiat-Allis, Kässbohrer, MAN,  
 Mercedes-Benz, Neoplan, Setra

 B+ M12, B- M10, Total length 390.00,  
 Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 47.50 mm


**110207** Starter 24 V, 5.4 kW

Replacing: 110207

Servicing: Volvo, Volvo BM

 B+ M10, B- M10, Total length 387.00,  
 Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.00 mm


**110208** Starter 24 V, 5.4 kW

Replacing: 860504, 860121

 Servicing: Fiat-Allis, Mercedes-Benz, Steyr,  
 Volvo

 B+ M10, B- M10, Total length 387.00,  
 Gear type DD, Mount. holes 3 (0), Oil  
 sealed, Waterproof

A: 89.00 B: 48.50 mm


**110210** Starter 24 V, 6.6 kW

Replacing: 860506, 860132, 857468

 Servicing: Fiat-Allis, Kässbohrer, MAN,  
 Mercedes-Benz, Mitsubishi, Neoplan, Ssangyong

 B+ M12, B- M10, Total length 407.00,  
 Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 48.50 mm


**110214** Starter 24 V, 6.6 kW

Replacing: 860548

Servicing: Scania

 B+ M10, B- M10, Total length 407.00,  
 Gear type DD, Mount. holes 3 (0),  
 Insulated return

A: 92.00 B: 37.00 mm


**110347** Starter 24 V, 7.5 kW

Replacing: MS7-410C

Servicing: Caterpillar, Clark, Fiat-Allis, Iveco

 B+ M12, B- M12, 15a M4,  
 Total length 522.00, Gear type DD,  
 Mount. holes 3 (0), Insulated return, Oil  
 sealed

Replacing: 50MT.

A: 92.00 B: 47.00 mm


**110442** Starter 12 V, 2.1 kW

Replacing: 859883

 Servicing: Balkancar, Conveyancer, Massey  
 Ferguson, Matbro

 B+ M8, Total length 309.00,  
 Gear type DD, Mount. holes 3 (0)

A: 88.90 B: 30.00 mm


**110449** Starter 12 V, 3.6 kW

Replacing: 870644

 Servicing: Caterpillar, Dronningborg, Hyster,  
 Massey Ferguson, Perkins

 B+ M8, Total length 370.00,  
 Gear type DD, Mount. holes 3 (0)

A: 88.90 B: 48.75 mm


**110452** Starter 12 V, 3.6 kW

Replacing: 870656

Servicing: Perkins

 B+ M8, Gear type DD, Mount. holes 3  
 (0), Insulated return, Oil sealed

A: 89.00 B: 48.00 mm


**110454#** Starter 12 V, 3.6 kW

 Replacing: LNS4524/14, 870643, 859536,  
 858764

Servicing: Ford

 B+ M8, Total length 371.00,  
 Gear type DD, Mount. holes 3 (0), Oil  
 sealed

A: 92.00 B: 20.00 mm


**110517** Starter 24 V, 3.2 kW

Replacing: 860104

Servicing: Benfra, Fiat-Allis, Iveco

 B+ M10, Total length 295.00,  
 Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 27.00 mm



**110518** Starter 24 V, 4.0 kW  
 Replacing: LNS4524/20, 859542  
 Servicing: Benfra, Fiat, Fiat-Allis, Iveco  
 B+ M10, Total length 342.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 110.00 B: 27.00 mm



**110523** Starter 24 V, 4.8 kW  
 Replacing: LNS4524/17, 859539  
 Servicing: ABG, Ahlmann, Case, Compair, Iveco, KHD, Payloader  
 B+ M10, Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 27.50 mm



**110524** Starter 24 V, 4.0 kW  
 Replacing: LNS4524/15, 859537, 858780  
 Servicing: Mercedes-Benz  
 B+ M10, Total length 341.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 48.00 mm



**110525** Starter 12 V, 3.0 kW  
 Replacing: 860130, 860109  
 Servicing: Claas, Mercedes-Benz  
 B+ M10, Total length 341.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 48.00 mm



**110527** Starter 24 V, 4.0 kW  
 Replacing: LNS4524/13, 859535, 857472  
 Servicing: Scania, Steyr  
 B+ M10, Total length 342.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 46.50 mm



**110535** Starter 24 V, 5.4 kW  
 Replacing: 860655, 860115  
 Servicing: Iveco  
 B+ M10, B- M10, Total length 384.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 47.00 mm



**110538** Starter 12 V, 3.6 kW  
 Replacing: 860542  
 Servicing: Volvo Penta  
 B+ M10, B- M10, Total length 384.00,  
 Gear type DD, Mount. holes 3 (0),  
 Insulated return  
 A: 89.00 B: 47.00 mm



**110566** Starter 24 V, 5.2 kW  
 Replacing: 870660, 870648  
 Servicing: Perkins  
 B+ M8, Total length 371.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 88.85 B: 47.75 mm



**110582** Starter 24 V, 5.4 kW  
 Replacing: 860516, 860125  
 Servicing: Iveco  
 B+ M10, B- M10, Total length 384.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 47.00 mm



**110590** Starter 12 V, 2.8 kW  
 Replacing: LNS2830  
 Servicing: Bobcat, Perkins  
 B+ M10, Total length 339.00, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (0),  
 Waterproof  
 Replaces: 22MT, 27MT, 28MT.  
 A: 88.90 B: 46.00 mm



**110602** Starter 12 V, 2.8 kW  
 Replacing: LNS2820  
 Servicing: Bobcat, Clark, Perkins  
 B+ M10, Total length 339.00, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (0), Oil sealed  
 Replacing: 22MT, 28MT.  
 A: 89.00 B: 46.00 mm



**110721**<sup>#</sup> Starter 24 V, 7.1 kW  
 Replacing: MS1A/12, MS1/400A, MS1/100,  
 MS1-400C, MS1-400A, MS1-300C, MS1-300A,  
 MS1-129, MS1-100, 859471  
 Servicing: ERF, Foden, LDV International  
 B+ M12, 15a M6, Total length 483.00,  
 Gear type DD, Mount. holes 3 (0),  
 Insulated return  
 A: 92.00 B: 46.55 mm




**110980** Starter 24 V, 5.4 kW

Replacing: 860512, 860110, 858878

Servicing: Volvo

 B+ M10, B- M10, Total length 387.00,  
 Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 47.00 mm


**110981** Starter 24 V, 5.4 kW

Replacing: 860509, 859021

Servicing: DAF

 B+ M12, B- M10, Total length 387.00,  
 Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 47.50 mm


**110998** Starter 24 V, 5.2 kW

Replacing: 870651

Servicing: DAF, Ford

 B+ M8, Total length 166.00,  
 Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 21.00 mm


**111000** Starter 24 V, 6.5 kW

 Replacing: MS1A/25, MS1A/20, MS1/411AZ,  
 MS1/401A, MS1-403A, MS1-401C, MS1-401A,  
 MS1-401, MS1-124, MS1-103

 Servicing: Caterpillar, Clark, Cummins, Fiat-  
 Allis

 B+ M12, B- M12, Total length 497.50,  
 Gear type DD, Mount. holes 3 (0),  
 Insulated return, Oil sealed

Replacing: 42MT.

A: 92.00 B: 47.25 mm


**111024#** Starter 12 V, 3.6 kW

Replacing: 870646

 Servicing: Clark, Lister, Massey Ferguson,  
 Perkins

 B+ M8, Total length 370.50,  
 Gear type DD, Mount. holes 3 (0), Oil  
 sealed

A: 89.00 B: 47.45 mm


**111041** Starter 12 V, 2.8 kW

Replacing: LNS2810

Servicing: Fiat-Allis, Hyster, Perkins

 B+ M10, Total length 338.50,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 3 (0)

Replacing: 22MT, 27MT, 28MT.

A: 88.85 B: 46.25 mm


**111097** Starter 24 V, 5.5 kW

 Replacing: MS4/406, MS4-406, LNS4524/7,  
 LNS4524/4, 870663, 870655, 859432, 859422

Servicing: Komatsu, Perkins

 B+ M10, 15a M5, Total length 374.50,  
 Gear type DD, Mount. holes 3 (0),  
 Insulated return, Oil sealed

A: 88.90 B: 30.35 mm


**111100** Starter 12 V, 0.7 kW

Replacing: MS1/453

Servicing: Citroen

 B+ M8, Total length 207.75,  
 Gear type DD, Mount. holes 2 (0)

A: 65.60 B: 19.80 mm


**111231** Starter 24 V, 6.6 kW

Replacing: 860123

Servicing: Renault V.I.

 B+ M10, B- M10, Total length 405.00,  
 Gear type DD, Mount. holes 3 (0),  
 Insulated return

A: 89.00 B: 40.25 mm


**111286#** Starter 24 V, 5.5 kW

 Replacing: MS4/405, MS4/401, MS4-  
 403K, MS4-401, LNS4524/6, LNS4524/26,  
 LNS4524/24, LNS4524/21, LNS4524, GR45/2

Servicing: ERF, Foden, Seddon

 B+ M10, Total length 375.50,  
 Gear type DD, Mount. holes 3 (0)

A: 88.50 B: 48.00 mm


**111399** Starter 24 V, 4.0 kW

Replacing: LNS4524/9, 859506, 859022

Servicing: DAF

 B+ M10, Total length 352.50,  
 Gear type DD, Clutch type Wet,  
 Mount. holes 3 (0)

A: 89.00 B: 38.00 mm


**111574** Starter 12 V, 2.8 kW

Replacing: 858762

 Servicing: ERF, LDV International, Various  
 Agriculture Vehicles

 B+ M8, Total length 340.00,  
 Gear type DD, Mount. holes 3 (0)

A: 88.75 B: 47.15 mm



9,11


**111638** Starter 24 V, 4.0 kW

Replacing: LNS4524/12, 859534

Servicing: Volvo

B+ M10, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.70 mm



10


**111640** Starter 24 V, 4.0 kW

Replacing: LNS4524/16, 859538, 858318

Servicing: MAN

B+ M10, Total length 338.50, Gear type DD, Mount. holes 3 (0)

A: 88.50 B: 28.00 mm



11


**111910** Starter 24 V, 6.7 kW

Replacing: 860305

Servicing: Scania

B+ M12, 30h M12, Total length 429.00, Gear type DD, Clutch type Dry, Mount. holes 3 (0), Not Insulated return

A: 92.00 B: 47.00 mm



9,11


**111982** Starter 24 V, 4.0 kW

Replacing: 860321

Servicing: Mercedes-Benz

B+ M10, Total length 317.50, Gear type GR, Mount. holes 3 (0)

A: 88.75 B: 45.00-49.00 mm



11


**112055** Starter 24 V, 5.2 kW

Replacing: 860304

Servicing: DAF

B+ M10, Total length 340.00, Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 48.00 mm



10


**112084#** Starter 12 V, 3.6 kW

Replacing: 870645

Servicing: Ford

B+ M8, 15a M5, Total length 370.50, Gear type DD, Clutch type Dry, Mount. holes 3 (0), Insulated return, Oil sealed

A: 92.10 B: 20.60 mm



10


**112090** Starter 24 V, 5.2 kW

Replacing: 870653

Servicing: Ford

B+ M8, 15a M5, Total length 371.50, Gear type DD, Mount. holes 3 (0), Insulated return, Oil sealed

A: 92.00 B: 20.50 mm



10


**112091** Starter 24 V, 5.2 kW

Replacing: 870658, 870649

Servicing: Perkins

B+ M8, 15a M5, Total length 371.55, Gear type DD, Mount. holes 3 (0), Insulated return, Oil sealed

A: 89.00 B: 47.00 mm



12


**112116** Starter 24 V, 6.6 kW

Replacing: 860511

Servicing: Volvo

B+ M12, B- M12, Total length 407.00, Gear type DD, Mount. holes 3 (0), Insulated return

A: 92.00 B: 47.00 mm



11


**112118#** Starter 24 V, 6.6 kW

Replacing: 860514

Servicing: Isotta Fraschini, Iveco

B+ M12, B- M10, Total length 405.00, Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 48.00 mm



11


**112119** Starter 24 V, 6.6 kW

Replacing: 860505, 858879

Servicing: Scania

B+ M10, B- M10, Total length 406.00, Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 37.00 mm



10,13


**112267** Starter 12 V, 2.5 kW

Replacing: LNS2800

Servicing: Bobcat, Cummins, Ford

B+ M10, Total length 339.00, Gear type GR, Clutch type Dry, Mount. holes 3 (0)

A: 89.00 B: 46.50 mm


**112507** Starter 24 V, 5.4 kW

Replacing: 860520

 Servicing: Volvo, Volvo Penta  
 B+ M10, B- M10, Total length 385.00,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 3 (0)

A: 89.00 B: 51.00 mm


**112656**<sup>#</sup> Starter 24 V, 4.5 kW

 Replacing: MS4/400, MS4-400, LNS4524/5,  
 LNS4524/11, 869399Z, 860603, 859532,  
 859399

Servicing: DAF, ERF, Foden, Seddon

 B+ M10, Total length 375.00,  
 Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm


**113332**<sup>#</sup> Starter 24 V, 7.5 kW

 Replacing: MS3/51, MS3/503, MS3/451A,  
 MS3/351A, 857663

Servicing: ERF, Seddon

 B+ M12, B- M12, Total length 436.00,  
 Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 47.00 mm


**113333**<sup>#</sup> Starter 24 V, 7.0 kW

 Replacing: MS1/410A, MS1-409A, MS1-404P,  
 MS1-130, MS1-119, MS1-110, MS1-109, MS1-  
 104, MS1, 859344, 858900

Servicing: Seddon

 B+ M12, B- M12, Total length 483.00,  
 Gear type DD, Mount. holes 3 (0),  
 Insulated return

A: 92.00 B: 47.00 mm


**113334**<sup>#</sup> Starter 24 V, 6.0 kW

 Replacing: MS3/502, MS3/300A, MS3-502,  
 MS3, 855873, 851450, 851360, 851291,  
 851022, 850998, 850996, 850773

Servicing: Perkins

 B+ 1/2" UNC, Total length 433.00,  
 Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 48.00 mm


**113380** Starter 12 V, 2.8 kW

Replacing: 860106

Servicing: Ford

 B+ M8, B- M8, Total length 307.00,  
 Gear type DD, Mount. holes 3 (0)

A: 91.80 B: 20.00 mm


**113389** Starter 12 V, 2.2 kW

Replacing: 860100

Servicing: Mercedes-Benz

 B+ M8, Total length 272.50,  
 Gear type GR, Mount. holes 2 (2)

A: 82.40 B: 25.00 mm


**113453** Starter 24 V, 6.5 kW

Replacing: 870640, 870604

Servicing: Iveco

 B+ M10, 15a M5-6.30,  
 Total length 370.50, Gear type DD,  
 Clutch type Dry, Mount. holes 3 (0),  
 Insulated return, Oil sealed

A: 110.00 B: 26.80 mm


**114193** Starter 24 V, 5.5 kW

Replacing: 860822

Servicing: Renault V.I., Volvo

 B+ M8, Total length 316.00,  
 Gear type GR, Mount. holes 3 (0)

A: 92.00 B: 48.00 mm


**114387** Starter 12 V, 3.2 kW

Replacing: 860714

Servicing: JCB, Perkins

 B+ M8, B- M8, Total length 299.00,  
 Gear type DD, Mount. holes 3 (0)

*Iskra version.*

A: 89.00 B: 28.85 mm


**110205** Starter 24 V, 6.5 kW

Replacing: S130L24-21, 2311210

Servicing: Volvo

 B+ M12, Total length 407.00,  
 Gear type DD, Mount. holes 3 (0),  
 Waterproof

A: 89.00 B: 47.50 mm


**110206** Starter 24 V, 5.4 kW

Replacing: S115HD24-1, 2998011, 1403000

 Servicing: Claas, Fiat-Allis, Kässbohrer, MAN,  
 Mercedes-Benz, Neoplan, Setra

 B+ M12, B- M10, Total length 390.00,  
 Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 47.50 mm


**110207** Starter 24 V, 5.4 kW

 Replacing: S115A24-21, 2998008, 1327A601,  
 1327A600

Servicing: Volvo, Volvo BM

 B+ M10, B- M10, Total length 387.00,  
 Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.00 mm


**110209** Starter 24 V, 5.4 kW

Replacing: 2998009

Servicing: DAF

 B+ M12, B- M10, Total length 387.00,  
 Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.00 mm


**110210** Starter 24 V, 6.6 kW

Replacing: 2998010

 Servicing: Fiat-Allis, Kässbohrer, MAN,  
 Mercedes-Benz, Mitsubishi, Neoplan, Ssangyong

 B+ M12, B- M10, Total length 407.00,  
 Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 48.50 mm


**110214** Starter 24 V, 6.6 kW

Replacing: 2998006

Servicing: Scania

 B+ M10, B- M10, Total length 407.00,  
 Gear type DD, Mount. holes 3 (0),  
 Insulated return

A: 92.00 B: 37.00 mm


**110347** Starter 24 V, 7.5 kW

Replacing: 2311040

Servicing: Caterpillar, Clark, Fiat-Allis, Iveco

 B+ M12, B- M12, 15a M4, Total length 522.00,  
 Gear type DD, Mount. holes 3 (0),  
 Insulated return, Oil sealed

Replacing: 50MT.

A: 92.00 B: 47.00 mm


**110449** Starter 12 V, 3.6 kW

 Replacing: Z1320F515, S115A12-1,  
 CA45H12-2, CA45G12-51A, CA45G12-51,  
 CA45G12-2M, CA45G12-2, CA45F12-Y81

 Servicing: Caterpillar, Dronningborg, Hyster,  
 Massey Ferguson, Perkins

 B+ M8, Total length 370.00,  
 Gear type DD, Mount. holes 3 (0)

A: 88.90 B: 48.75 mm


**110450** Starter 12 V, 3.6 kW

 Replacing: S115A12-3M, S11512-3M,  
 S1115A12-3, CA45H12-3M, CA45G12-3M,  
 CA45G12-3, CA45F12-Y3M, CA45F12-3M

Servicing: Perkins

 B+ M8, B- M8, 15a M4, Total length 370.00,  
 Gear type DD, Mount. holes 3 (0),  
 Insulated return, Oil sealed

A: 88.80 B: 47.50 mm


**110452** Starter 12 V, 3.6 kW

 Replacing: S115A12-15M, CA45H12-11M,  
 CA45G12-95M, CA45G12-95, CA45G12-11M,  
 CA45F12-Y11M, CA45F12-95M

Servicing: Perkins

 B+ M8, Gear type DD, Mount. holes 3  
 (0), Insulated return, Oil sealed

A: 89.00 B: 48.00 mm


**110454#** Starter 12 V, 3.6 kW

 Replacing: Z1320F183, S115A12-9, S11512-  
 9, CA45H12-18, CA45G12-18, CA45F12-Y83,  
 CA45F12-Y18, CA45F12-83Y

Servicing: Ford

 B+ M8, Total length 371.00, Gear type DD,  
 Mount. holes 3 (0), Oil sealed

A: 92.00 B: 20.00 mm


**110518** Starter 24 V, 4.0 kW

Replacing: 2998201

Servicing: Benfra, Fiat, Fiat-Allis, Iveco

 B+ M10, Total length 342.00,  
 Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 27.00 mm


**110524** Starter 24 V, 4.0 kW

Replacing: 2998001

Servicing: Mercedes-Benz

B+ M10, Total length 341.00,

Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm


**110525** Starter 12 V, 3.0 kW

Replacing: 2998000

Servicing: Claas, Mercedes-Benz

B+ M10, Total length 341.00,

Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm


**110527** Starter 24 V, 4.0 kW

Replacing: CA45F24-Y78, 2998004, 2996101, 1321F904, 1321F780, 1321780

Servicing: Scania, Steyr

B+ M10, Total length 342.00,

Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 46.50 mm


**110529** Starter 12 V, 3.0 kW

Replacing: 2998200

Servicing: Agrifull, Benfra, Fiat, Fiat-Allis, Iveco

B+ M10, Total length 340.50,

Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 30.00 mm


**110531** Starter 24 V, 6.6 kW

Replacing: 2998007

Servicing: Fiat-Allis, Gmeinder, KHD, Mercedes-Benz

B+ M12, B- M10, Total length 405.00,

Gear type DD

A: 56.00 B: 37.00 mm


**110566** Starter 24 V, 5.2 kW

Replacing: S115A24-2, S115A24-1, S11524-2, S11524-1, CA45H24-2, CA45G24-2, CA45F24-Y2, CA45F24-47, CA45F24-2

Servicing: Perkins

B+ M8, Total length 371.00,

Gear type DD, Mount. holes 3 (0)

A: 88.85 B: 47.75 mm


**110998** Starter 24 V, 5.2 kW

Replacing: S115A24-9, S11524-9, CA45H24-18, CA45G24-18, CA45F24-18, CA45D24-18, CA4524-18, 1327A491, 1327A490

Servicing: DAF, Ford

B+ M8, Total length 166.00,

Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 21.00 mm


**111000** Starter 24 V, 6.5 kW

Replacing: 2998150

Servicing: Caterpillar, Clark, Cummins, Fiat-Allis

B+ M12, B- M12, Total length 497.50,

Gear type DD, Mount. holes 3 (0),

Insulated return, Oil sealed

Replacing: 42MT.

A: 92.00 B: 47.25 mm


**111024#** Starter 12 V, 3.6 kW

Replacing: Z1320F720, S115A12-2, S115A12-12, S11512-2, CA45H12-72, CA45G12-72, CA45F12-Y72, CA45F12-72

Servicing: Clark, Lister, Massey Ferguson, Perkins

B+ M8, Total length 370.50,

Gear type DD, Mount. holes 3 (0), Oil sealed

A: 89.00 B: 47.45 mm


**111097** Starter 24 V, 5.5 kW

Replacing: S115A24-8, S115A24-7, S115A24-29, S115A24-23, S115A24-20, S11524-8, S11524-7X, S11524-7, S11524-23X

Servicing: Komatsu, Perkins

B+ M10, 15a M5, Total length 374.50,

Gear type DD, Mount. holes 3 (0),

Insulated return, Oil sealed

A: 88.90 B: 30.35 mm


**111636#** Starter 24 V, 5.0 kW

Replacing: 2998003

Servicing: DAF

B+ M10, Total length 371.00, Gear type DD,

Clutch type Dry, Mount. holes 3 (0)

A: 88.75 B: 39.70 mm


**111638** Starter 24 V, 4.0 kW

Replacing: 2998002

Servicing: Volvo

B+ M10, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.70 mm


**111798#** Starter 24 V, 7.8 kW

Replacing: S115A24-18, S11524-18, S11424-18, 1327A571, 1327A570, 1327571, 1327570

Servicing: Ford

 B+ M8, Total length 372.00,  
 Gear type DD, Mount. holes 3 (0)

A: 88.80 B: 47.50 mm


**112084#** Starter 12 V, 3.6 kW

Replacing: S115A12-4M, S11512-4M, CA45G12-55M, CA45G12-124M, CA45F12-55M, CA45D12-55M, 1327A031, 1327A030

Servicing: Ford

 B+ M8, 15a M5, Total length 370.50,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 3 (0), Insulated return, Oil sealed

A: 92.10 B: 20.60 mm


**112090** Starter 24 V, 5.2 kW

Replacing: S115A24-4M, S11524-4M, CA45G24-55M, CA45G24-124M, CA45F24-55M, CA45F24-55, CA45D24-55M, CA45D24-55

Servicing: Ford

 B+ M8, 15a M5, Total length 371.50,  
 Gear type DD, Mount. holes 3 (0),  
 Insulated return, Oil sealed

A: 92.00 B: 20.50 mm


**112091** Starter 24 V, 5.2 kW

Replacing: S115A24-3M, S11524-3M, CA45H24-3M, CA45G24-3M, CA45G24-3, CA45F24-Y55M, CA45F24-Y3, CA45F24-3M

Servicing: Perkins

 B+ M8, 15a M5, Total length 371.55,  
 Gear type DD, Mount. holes 3 (0),  
 Insulated return, Oil sealed

A: 89.00 B: 47.00 mm


**112248#** Starter 12 V, 3.6 kW

Replacing: S115A12-11M, CA45H12-125M, CA45G12-125M, 1327A081, 1327A080, 1320H934, 1320G934

Servicing: Cummins

 B+ M8, Total length 366.00,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 3 (0), Insulated return, Oil sealed

A: 89.00 B: 48.50 mm


**112372** Starter 24 V, 7.8 kW

Replacing: S115A24-11M, CA45H24-125M, CA45G24-125M, CA45F24-125M, 1327A501, 1327A500, 1321H936, 1321G936

Servicing: Cummins

 B+ M8, Total length 366.00,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 3 (0), Insulated return

A: 89.00 B: 48.00 mm


**112579#** Starter 12 V, 6.5 kW

Replacing: S115A12-30M, CA45G12-121M, 1327A141, 1324A140, 1320G938

Servicing: Iveco

 B+ M8, 15a M5-6.30, Total length 370.50,  
 Gear type DD, Clutch type Wet,  
 Mount. holes 3 (0), Insulated return

A: 110.00 B: 26.50 mm


**113453** Starter 24 V, 6.5 kW

Replacing: S115A24-30M, CA45G24-12M, CA45G24-121M, CA45G24-121, CA45F24-121, 1327A691, 1327A690, 1321G938

Servicing: Iveco

 B+ M10, 15a M5-6.30,  
 Total length 370.50, Gear type DD,  
 Clutch type Dry, Mount. holes 3 (0),  
 Insulated return, Oil sealed

A: 110.00 B: 26.80 mm


**110222** Starter 12 V, 1.3 kW

Replacing: 4145568, 4145360, 4111860, 4091950, 3755250

 Servicing: Chrysler, Dodge, Plymouth  
 B+ M8, Total length 298.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 71.00 B: 24.50 mm

**110223** Starter 12 V, 1.1 kW

Replacing: 4091975, 3755900, 3755259, 3656650, 3656575, 2875560, 2098500, 2095150

 Servicing: Chrysler, Dodge, Plymouth  
 B+ 5/16" UNC, Total length 283.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 71.40 B: 23.50 mm

**110231** Starter 12 V

Replacing: 3131372, 3131371

 Servicing: American Motors, Jeep  
 B+ M6, Total length 265.50,  
 Gear type DD, Mount. holes 2 (1)  
 A: 82.50 B: 17.50 mm

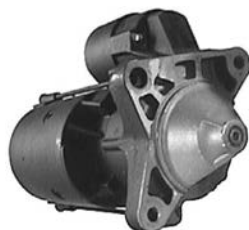
**110509** Starter 12 V, 1.4 kW

Replacing: 3182774

 Servicing: American Motors, Jeep  
 B+ M8, Total length 265.50,  
 Gear type DD, Mount. holes 2 (1)  
 A: 82.50 B: 17.00 mm

**110636** Starter 12 V, 0.6 kW

Replacing: 616955, 480955

 Servicing: Chrysler  
 B+ 1/4" UNC, Total length 262.00,  
 Gear type DD, Mount. holes 2 (2)  
 A: 63.30 B: 64.00 mm

**111114** Starter 12 V, 3.1 kW

Replacing: 56026851

 Servicing: Jeep, Renault  
 B+ M8, Total length 257.75,  
 Gear type GR, Mount. holes 3 (3)  
 A: 75.00 B: -9.50 mm

**111349** Starter 12 V, 1.2 kW

Replacing: 56041021AD, 56041014, 56041012AE, 56041012AB, 56041012, 56027317, 56021012AB, 54041012AC, 33002709

 Servicing: Jeep  
 B+ M8, Total length 230.00,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 2 (1)  
 A: 82.40 B: 5.50 mm

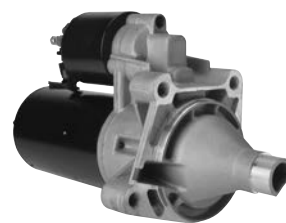
**111396** Starter 12 V, 1.2 kW

Replacing: 4793210, 4793110, 4557468, 4557466, 04793110

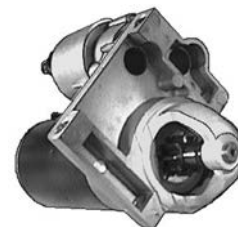
 Servicing: Chrysler, Dodge, Plymouth  
 B+ M8, Total length 207.50,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 2 (1)  
 A: 74.00 B: 8.30 mm

**111425** Starter 12 V, 1.4 kW

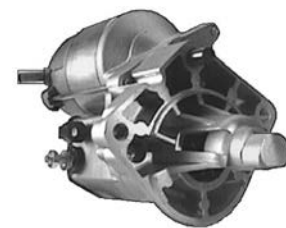
Replacing: 5233007, 5233006, 5227342, 5227282, 5226842, 5226444, 4671130, 4557209, 4419312, 4419311, 4419308

 Servicing: Chrysler, Dodge, Plymouth  
 B+ M8, Total length 267.00,  
 Gear type GR, Mount. holes 3 (2)  
 A: 81.90 B: 8.50 mm

**111456**<sup>#</sup> Starter 12 V, 1.4 kW

Replacing: 5234648, 5227548, 5227248, 5226948, 4671084, 4557384, 4557284, 4467185, 4419340, 44193080, 4379144

 Servicing: Chrysler, Dodge, Plymouth  
 B+ M8, Total length 258.00,  
 Gear type GR, Mount. holes 3 (3)  
 A: 80.00 B: 7.00 mm

**111490** Starter 12 V, 1.4 kW

Replacing: 56027350

 Servicing: Eagle, Jeep  
 B+ M8, Total length 245.50,  
 Gear type GR, Mount. holes 2 (0)  
 A: 66.00 B: 11.00 mm

**111492** Starter 12 V, 1.4 kW

Replacing: 5334509, 5234509, 4686109, 4686045, 4557709

 Servicing: Chrysler, Dodge, Nissan, Plymouth  
 B+ M8, Total length 226.50,  
 Gear type GR, Clutch type Wet,  
 Mount. holes 3 (2)  
 A: 82.00 B: 8.00 mm


**111764** Starter 12 V, 1.4 kW

Replacing: 53005984, 5226844, 4379160, 4379143, 4349144

Servicing: Dodge

 B+ M8, Total length 240.50,  
 Gear type GR, Clutch type Wet,  
 Mount. holes 2 (0)

A: 71.00 B: 23.50 mm


**112301** Starter 12 V, 1.2 kW

Replacing: 56041013, 56027904, 4796981

Servicing: Dodge, Jeep

 B+ M8, Total length 207.50,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 2 (0)

A: 60.00 B: 18.00 mm


**112845#** Starter 12 V, 1.4 kW

Replacing: 4609011

Servicing: Chrysler, Dodge, Eagle, Plymouth

 B+ M8, Total length 240.00,  
 Gear type DD, Clutch type Wet,  
 Mount. holes 3 (3)

A: 82.00 B: 8.00 mm


**112846** Starter 12 V, 1.4 kW

Replacing: 4609058

Servicing: Chrysler, Dodge

 B+ M8, Total length 231.00,  
 Gear type DD, Clutch type Wet,  
 Mount. holes 3 (0)

A: 81.90 B: 7.70 mm


**113044** Starter 12 V, 1.4 kW

Replacing: 56004934

Servicing: Jeep

 B+ M8, Total length 215.10,  
 Gear type GR, Clutch type Wet,  
 Mount. holes 2 (0)

A: 71.80 B: 23.00 mm


**113114** Starter 12 V, 2.7 kW

Replacing: 4746639, 4741012

Servicing: Cummins, Dodge

 B+ M10, Total length 301.00,  
 Gear type GR, Mount. holes 3 (0)

A: 89.00 B: 47.00 mm


**113116** Starter 12 V, 1.4 kW

Replacing: 56027702, 560277002

Servicing: Dodge

 B+ M8, Total length 220.00,  
 Gear type GR, Mount. holes 2 (0)

A: 72.40 B: 23.00 mm


**113120** Starter 12 V, 1.4 kW

Replacing: 56027702AC, 56027702AB

Servicing: Dodge

 B+ M8, Total length 220.00,  
 Gear type GR, Mount. holes 2 (0)

A: 72.50 B: 23.00 mm

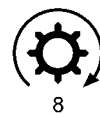

**113242** Starter 12 V, 1.4 kW

 Replacing: 4609346AB, 4609346,  
 04609346AB, 04609346

Servicing: Chrysler, Dodge, Plymouth

 B+ M8, Total length 237.50,  
 Gear type GR, Mount. holes 2 (2)

A: 81.60 B: 8.00 mm


**113587#** Starter 12 V, 1.1 kW

Replacing: 4793804

Servicing: Chrysler, Dodge, Plymouth

 B+ M8, Total length 207.50,  
 Gear type GR, Mount. holes 2 (1)

A: 73.90 B: 8.80 mm


**113613** Starter 12 V, 1.1 kW

 Replacing: 5033556AC, 5033556AB,  
 5033556AA, 5033133AC, 5033133AB,  
 5033133AA, 4793493, 05033556AB,  
 05033556AA

Servicing: Dodge, Plymouth

 B+ M8, Total length 211.50,  
 Gear type GR, Mount. holes 2 (1)

A: 73.90 B: 9.00 mm


**113618** Starter 12 V, 1.6 kW

 Replacing: 56041207AD, 56041207AC,  
 56041207AB, 56041207

Servicing: Jeep

 B+ M8, Total length 215.00,  
 Gear type GR, Mount. holes 2 (1)

A: 64.90 B: 5.00 mm





**113642** Starter 12 V, 1.6 kW

Replacing: 56041641AD, 56041641AC, 56041136AB

Servicing: Jeep

B+ M8, Total length 226.00,  
Gear type DD, Clutch type Wet,  
Mount. holes 2 (2)

A: 65.00 B: 4.85 mm



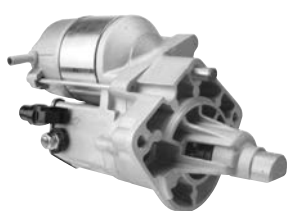
**113977** Starter 12 V, 2.2 kW

Replacing: 4868860AA, 04868860AA

Servicing: Chrysler, Dodge

B+ M8, Total length 251.00,  
Gear type GR, Mount. holes 3 (3)

A: 82.00 B: 9.00 mm



**114135** Starter 12 V, 1.2 kW

Replacing: 4686111AC, 4686045AC,  
4686045AB, 04686111AC, 04686045AC,  
04686045AB

Servicing: Chrysler, Dodge, Plymouth

B+ M8, Total length 230.00,  
Gear type GR, Mount. holes 2 (0)  
*Only for US market.*

A: 81.60 B: 7.50 mm



**114144** Starter 12 V, 2.0 kW

Replacing: 5033125AA, 05033125AA

Servicing: Chrysler, Jeep

B+ M8, Total length 227.00,  
Gear type GR, Mount. holes 2 (0)

A: 82.50 B: 25.95 mm



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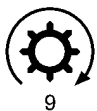
**114217\*** Starter 12 V, 2.0 kW

Replacing: 5033440AC, 5033440AA,  
05033440AC, 05033440AA

Servicing: Dodge, Jeep, Mitsubishi

Gear type GR, Mount. holes 3 (0)

B: 14.00 mm



**114233** Starter 12 V, 2.2 kW

Replacing: 4883447AA, 35532045

Servicing: Jeep

B+ M8, Total length 272.00,

Gear type GR, Mount. holes 3 (0)

A: 82.50 B: 21.00 mm



**114237** Starter 12 V, 2.2 kW

Replacing: 5033125AB, 05033125AB

Servicing: Chrysler, Jeep

B+ M8, Total length 227.00,

Gear type GR, Mount. holes 2 (2)

A: 82.00 B: 25.50 mm



**114238** Starter 12 V, 1.4 kW

Replacing: 56041013AB

Servicing: Jeep

B+ M8, Total length 206.00,

Gear type DD, Mount. holes 4 (0)

A: 58.50 B: 9.00 mm



**114279** Starter 12 V, 2.2 kW

Replacing: 56041579AB

Servicing: Jeep

B+ M8, Total length 227.50,

Gear type GR, Mount. holes 3 (0)

A: 82.50 B: 19.00 mm



**114283** Starter 12 V, 2.0 kW

Replacing: 4727313AC, 4727313AB,  
4727313AA, 04727313AC, 04727313AB,  
04727313AA

Servicing: Chrysler

B+ M8, Total length 227.00,

Gear type GR, Mount. holes 3 (2)

A: 82.50 B: 0.00 mm



**114294** Starter 12 V, 1.1 kW

Replacing: 4686512AC, 4686512, 04686512,  
04686564AC

Servicing: Chrysler, Plymouth

B+ M8, Total length 239.00,

Gear type GR, Mount. holes 3 (2), Not  
Insulated return

A: 70.00 B: 7.00 mm



**114328** Starter 12 V, 1.6 kW

Replacing: 4609345, 04609345

Servicing: Chrysler

B+ M8, Total length 239.00,

Gear type GR, Mount. holes 3 (3)

A: 82.00 B: 8.00 mm



**114878** Starter 12 V, 2.2 kW

Replacing: 4801472AA, 04801472AA

Servicing: Chrysler, Jeep

B+ M8, Total length 249.00,

Gear type GR, Mount. holes 2 (2), Not Insulated return

A: 60.00 B: 27.00 mm


**110149** Starter 12 V, 0.9 kW

Replacing: 228000-3381, 228000-3380

Servicing: Mazda, Mercury

B+ M8, Total length 198.00,

Gear type DD, Mount. holes 3 (2)

A: 74.00 B: 15.00 mm


**110152** Starter 12 V, 0.9 kW

 Replacing: 028000-9020, 028000-7530,  
028000-6813, 028000-6812, 028000-6811,  
028000-6810, 028000-6803

Servicing: Toyota

B+ M8, Total length 194.00,

Gear type DD, Mount. holes 2 (0)

A: 74.00 B: 19.50 mm


**110154** Starter 12 V, 0.8 kW

 Replacing: 028000-9010, 028000-7521,  
028000-7520, 028000-6823, 028000-6822,  
028000-6821, 028000-6820

Servicing: Daihatsu, Komatsu, Toyota

B+ M8, 15a 6.30, Total length 252.00,

Gear type DD, Mount. holes 2 (0)

A: 83.00 B: 32.50 mm


**110158** Starter 12 V, 1.2 kW

Replacing: 128000-0462, 128000-0461

 Servicing: Dodge, Eagle, Hyundai, Mitsubishi,  
Plymouth, Proton

B+ M8, Total length 233.00,

Gear type DD, Mount. holes 2 (2)

A: 77.00 B: 18.00 mm


**110245** Starter 12 V, 1.7 kW

 Replacing: 128000-6841, 128000-6840,  
128000-6621, 128000-6620, 028000-8434,  
028000-8432, 028000-8431

Servicing: Kubota, Various Agriculture Vehicles

B+ M8, Total length 196.00,

Gear type GR, Mount. holes 2 (0)

A: 82.50 B: 26.00 mm


**110246** Starter 12 V, 1.4 kW

 Replacing: 228000-1061, 228000-1060,  
128000-4900, 028000-6140

Servicing: Kubota, Various Agriculture Vehicles

B+ M8, Total length 212.00,

Gear type GR, Mount. holes 2 (0)

A: 66.00 B: 18.00 mm


**110249** Starter 12 V, 0.8 kW

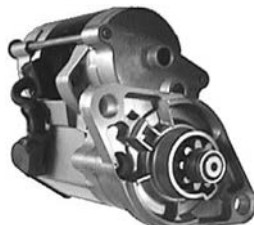
 Replacing: 128000-9540, 128000-5230,  
128000-0670, 128000-0290

Servicing: Honda, Nissan, Rover

B+ M8, Total length 209.50,

Gear type DD, Mount. holes 2 (0)

A: 75.00 B: 34.75 mm


**110260** Starter 12 V, 1.0 kW

 Replacing: 128000-8241, 128000-8240,  
128000-1241, 128000-1240, 028000-7561,  
028000-7560, 028000-5901

Servicing: Toyota, VW

B+ M8, Total length 197.00,

Gear type GR, Mount. holes 2 (0)

A: 73.80 B: 20.00 mm


**110312** Starter 12 V, 1.0 kW

 Replacing: 228000-0211, 228000-0210,  
128000-5080, 128000-0281, 128000-0280

Servicing: Honda, Rover

B+ M8, Total length 178.00,

Gear type GR, Mount. holes 2 (0)

A: 75.00 B: 32.40 mm


**110323** Starter 12 V, 0.8 kW

 Replacing: 128000-8531, 128000-8530,  
128000-1621, 128000-1620

Servicing: Toyota

B+ M8, Total length 232.00,

Gear type DD, Mount. holes 2 (2)

A: 74.00 B: 5.00 mm


**110336** Starter 12 V, 0.75 kW

 Replacing: 028000-7711, 028000-5410,  
028000-5401, 028000-5400

Servicing: Ford, Mercury, Triumph

B+ M8, 15a M5, Total length 224.50,

Gear type DD, Clutch type Dry,

Mount. holes 3 (0)

A: 89.00 B: 28.00 mm


**110356** Starter 12 V, 1.4 kW

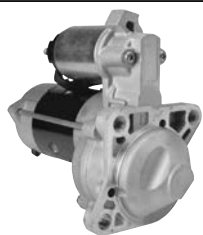
 Replacing: 228000-1050, 128000-2131,  
128000-2130

 Servicing: Kubota, Various Agriculture  
Vehicles

B+ M8, Total length 207.20,

Gear type GR, Mount. holes 2 (0)

A: 82.40 B: 25.00 mm


**110389** Starter 12 V, 2.0 kW

Replacing: 228000-3842, 228000-3841, 228000-3840, 128000-0040  
 Servicing: Asia Motors, Ford, Kia, Mazda, Suzuki  
 B+ M8, Total length 232.00,  
 Gear type GR, Mount. holes 3 (2)  
 A: 88.00 B: 6.00 mm


**110396** Starter 12 V, 1.4 kW

Replacing: 028000-9861, 028000-9860, 028000-7621, 028000-7620, 028000-4532, 028000-4343, 028000-4342  
 Servicing: Toyota  
 B+ M8, Total length 189.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 74.00 B: 20.00 mm


**110397** Starter 12 V, 1.0 kW

Replacing: 128000-7090, 128000-3440, 128000-3340, 128000-1520, 128000-0220, 028000-9381, 028000-9261  
 Servicing: Daihatsu, Toyota, VW  
 B+ M8, Total length 181.00, Gear type GR,  
 Clutch type Wet, Mount. holes 2 (2)  
 A: 73.95 B: 18.50 mm


**110399**<sup>#</sup> Starter 12 V, 1.0 kW

Replacing: 128000-0102, 128000-0101, 128000-0100, 028000-6362, 028000-6361, 028000-6360, 028000-6001  
 Servicing: Toyota  
 B+ M8, Total length 200.00,  
 Gear type GR, Mount. holes 2 (2)  
 A: 74.00 B: 20.00 mm


**110402** Starter 12 V, 0.6 kW

Replacing: 128000-4201, 128000-3641, 128000-1863, 128000-1862, 128000-1861, 028000-9091, 028000-9090  
 Servicing: Bedford, Suzuki  
 B+ M8, 15a M5, Total length 231.00,  
 Gear type DD, Mount. holes 2 (0)  
 A: 65.00 B: 26.00 mm


**110411** Starter 12 V, 1.4 kW

Replacing: 228000-4850, 228000-4840, 228000-4392, 228000-4391, 228000-4390, 228000-4371, 228000-4370  
 Servicing: Toyota, VW  
 B+ M8, Total length 189.30,  
 Gear type GR, Mount. holes 2 (0)  
 A: 74.00 B: 20.00 mm


**110421** Starter 12 V, 0.8 kW

Replacing: 028000-9570, 028000-8890, 028000-7471, 028000-7470, 028000-7462, 028000-7461, 028000-7460  
 Servicing: Daihatsu, Kubota, Suzuki, Toyota, Various Agriculture Vehicles  
 B+ M8, Total length 188.00,  
 Gear type DD, Mount. holes 2 (0)  
 A: 66.00 B: 16.00 mm


**110444** Starter 12 V, 2.1 kW

Replacing: 028000-2260  
 Servicing: LDV  
 B+ M8, Total length 309.00,  
 Gear type DD, Mount. holes 2 (0)  
 A: 88.80 B: 23.50 mm


**110447** Starter 12 V, 1.0 kW

Replacing: 428000-2640, 228000-7151, 228000-7150, 228000-0981, 228000-0980, 228000-0970, 228000-0800  
 Servicing: Kubota, Various Agriculture Vehicles  
 B+ M8, Total length 199.50,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 2 (0)  
 A: 66.00 B: 17.00 mm


**110473** Starter 12 V, 2.5 kW

Replacing: 028000-6292, 028000-6291, 028000-6290  
 Servicing: Daihatsu  
 B+ M8, Total length 296.00,  
 Gear type GR, Mount. holes 2 (2)  
 A: 81.50 B: 21.00 mm


**110485** Starter 12 V, 1.4 kW

Replacing: 228000-7111, 228000-3802, 228000-3801, 228000-3800, 228000-3780, 228000-3732, 228000-3731  
 Servicing: Thermo King, Yanmar  
 B+ M8, Total length 214.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 95.00 B: 21.00 mm


**110486**<sup>#</sup> Starter 12 V, 1.4 kW

Replacing: 128000-0721, 128000-0720, 028000-5800  
 Servicing: Thermo King  
 B+ M8, Total length 211.00,  
 Gear type GR, Mount. holes 2 (1)  
 A: 55.00 B: 30.00 mm


**110490** Starter 24 V, 4.5 kW

Replacing: 028000-6013, 028000-6012, 028000-6011, 028000-6010, 028000-5864, 028000-5863, 028000-5862

Servicing: Toyota

 B+ M10, Total length 295.00,  
 Gear type GR, Mount. holes 2 (0)

A: 90.00 B: 16.00 mm


**110507** Starter 24 V, 4.5 kW

Replacing: 028000-5301, 028000-5300

Servicing: Toyota

 B+ M10, Total length 299.00,  
 Gear type GR, Mount. holes 3 (0)

A: 105.00 B: 56.00 mm


**110573** Starter 12 V, 2.0 kW

Replacing: 128000-2880, 028000-6440

Servicing: Daewoo, Hyster, Isuzu

 B+ M8, Total length 234.00,  
 Gear type GR, Mount. holes 2 (0)

A: 95.00 B: 21.80 mm


**110580** Starter 24 V, 4.5 kW

Replacing: 028000-6202, 028000-6201, 028000-6200

Servicing: Isuzu

 B+ M10, Total length 358.00,  
 Gear type GR, Mount. holes 3 (0)

A: 105.00 B: 41.00 mm


**110581** Starter 24 V, 4.5 kW

Replacing: 028000-7811, 028000-7810, 028000-7242, 028000-7241, 028000-7240, 028000-5891, 028000-5890

Servicing: Peugeot, Toyota

 B+ M10, Total length 296.00,  
 Gear type GR, Mount. holes 2 (0)

A: 105.00 B: 16.30 mm


**110626** Starter 12 V, 1.4 kW

Replacing: 028000-8230

Servicing: Caterpillar

 B+ M8, Total length 228.00,  
 Gear type GR, Mount. holes 3 (0)  
*Units with 2 and 3 mounting holes are interchangeable*

A: 88.80 B: 20.25 mm

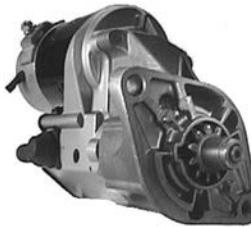

**110627** Starter 12 V, 2.5 kW

Replacing: 228000-8410, 028000-5884, 028000-5883, 028000-5882, 028000-5881, 028000-5880

Servicing: Case, Ford

 B+ M8, Total length 291.00,  
 Gear type GR, Mount. holes 3 (0)

A: 89.00 B: 47.60 mm


**110708** Starter 12 V, 2.7 kW

Replacing: 128000-9582, 128000-9581, 128000-9580, 128000-7923, 128000-7922, 128000-7921, 128000-7920

Servicing: Toyota, VW

 B+ M10, Total length 296.50,  
 Gear type GR, Mount. holes 2 (1)

A: 82.45 B: 15.60 mm


**110709** Starter 12 V, 1.0 kW

Replacing: 128000-1441, 128000-1440

Servicing: Toyota

 B+ M8, Total length 197.25,  
 Gear type GR, Mount. holes 2 (2)

A: 74.00 B: 5.30 mm


**110713** Starter 12 V, 1.0 kW

Replacing: 228000-6840, 228000-1710, 228000-1100, 228000-0311, 128000-8500, 128000-8360, 128000-8350

Servicing: GEO, Toyota

 B+ M8, Total length 199.00,  
 Gear type GR, Mount. holes 2 (1)

A: 73.90 B: 8.00 mm


**110720** Starter 12 V, 1.4 kW

Replacing: 228000-4922, 228000-4920, 228000-1082, 228000-1081, 228000-1080, 228000-1022, 128000-6640

Servicing: Kubota

 B+ M8, Total length 188.00,  
 Gear type GR, Mount. holes 2 (0)

A: 82.50 B: 25.00 mm


**110831** Starter 12 V, 0.8 kW

Replacing: 028000-7681, 028000-7680, 028000-5210, 028000-5201, 028000-5200

Servicing: Ford

 B+ M8, Total length 258.00,  
 Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 31.00 mm


**110934<sup>#</sup>** Starter 12 V, 2.0 kW

Replacing: 128000-2280, 128000-0570  
 Servicing: Carrier Transicold, Thermo King  
 B+ M8, Total length 229.00,  
 Gear type GR, Mount. holes 2 (1)  
 A: 82.45 B: 22.50 mm


**110938** Starter 12 V, 1.4 kW

Replacing: 128000-0141, 128000-0140,  
 028000-7830  
 Servicing: Carrier Transicold  
 B+ M8, Total length 188.50,  
 Gear type GR, Mount. holes 2 (0)  
 A: 82.45 B: 26.00 mm


**110940** Starter 12 V, 1.4 kW

Replacing: 228000-6250, 228000-1071,  
 228000-1070, 228000-1041, 228000-1040,  
 228000-1002, 228000-1001  
 Servicing: Carrier Transicold, Kubota, Various  
 Agriculture Vehicles  
 B+ M8, Total length 212.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 82.50 B: 26.50 mm


**110941** Starter 12 V, 2.5 kW

Replacing: 228000-1422, 228000-1421,  
 228000-1420, 228000-1350, 128000-1062,  
 128000-1061, 128000-1060  
 Servicing: Caterpillar  
 B+ M10, Total length 301.85,  
 Gear type GR, Clutch type Wet,  
 Mount. holes 3 (0), Oil sealed  
 A: 88.90 B: 24.60 mm


**110942** Starter 12 V, 2.5 kW

Replacing: 228000-6471, 228000-6470,  
 028000-8404, 028000-8403, 028000-8402,  
 028000-8401, 028000-8400  
 Servicing: Bobcat  
 B+ M10, Total length 295.00, Gear type GR,  
 Clutch type Wet, Mount. holes 2 (0), Oil sealed  
 A: 82.50 B: 35.50 mm


**110944** Starter 24 V, 5.5 kW

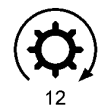
Replacing: 128000-5733, 128000-5732,  
 128000-5731, 128000-5730  
 Servicing: Caterpillar  
 B+ M10, Total length 322.00, Gear type GR,  
 Clutch type Wet, Mount. holes 3 (0), Oil sealed  
 A: 88.75 B: 47.50 mm


**110961** Starter 12 V, 2.5 kW

Replacing: 128000-9610, 128000-4720,  
 128000-4083, 128000-4082, 128000-4081,  
 128000-4080  
 Servicing: Caterpillar  
 B+ M10, Total length 292.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 88.90 B: 48.00 mm


**110962** Starter 12 V, 2.0 kW

Replacing: 128000-7031, 128000-7030,  
 028000-9831, 028000-9830  
 Servicing: Caterpillar  
 B+ M10, Total length 228.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 73.90 B: 19.10 mm


**110999** Starter 24 V

Replacing: 228000-0070, 128000-7520,  
 128000-7510  
 Servicing: Case, Caterpillar, Fiat-Allis,  
 Peterbilt Trucks, Various, Volvo  
 B+ M12, 15a M5, Total length 499.50,  
 Gear type DD, Mount. holes 3 (0),  
 Insulated return, Oil sealed  
 Replacing: 42MT.  
 A: 92.00 B: 46.50 mm


**111021** Starter 12 V, 1.4 kW

Replacing: 228000-7671, 228000-3660,  
 228000-1531, 228000-1530, 228000-0991,  
 228000-0990, 228000-0150  
 Servicing: Kubota, Various Agriculture Vehicles  
 B+ M8, Total length 209.50,  
 Gear type GR, Mount. holes 2 (0)  
 A: 66.00 B: 18.00 mm


**111030** Starter 12 V, 1.4 kW

Replacing: 128000-8660, 128000-2660,  
 128000-1360  
 Servicing: Ford  
 B+ M8, 15a M6, Total length 246.00,  
 Gear type GR, Clutch type Wet,  
 Mount. holes 3 (0)  
 A: 76.20 B: 14.00 mm


**111053<sup>#</sup>** Starter 12 V, 0.8 kW

Replacing: 128000-4891, 128000-4890,  
 128000-4540, 028000-7121, 028000-7120,  
 028000-7112, 028000-7111  
 Servicing: Ford  
 B+ M8, 15a M5, Total length 217.00,  
 Gear type DD, Mount. holes 3 (3)  
 A: 76.00 B: 13.00 mm



11


**111087** Starter 12 V, 1.0 kW

Replacing: 128000-1152, 128000-1151, 128000-1150

Servicing: John Deere, Yanmar

 B+ M8, Total length 199.45,  
Gear type GR, Mount. holes 2 (0)

A: 94.90 B: 21.00 mm



8


**111088** Starter 12 V, 0.8 kW

Replacing: 228000-6430, 128000-3662, 128000-3621, 028000-9470

Servicing: Daihatsu, Piaggio

 B+ M8, Total length 209.80,  
Gear type DD, Mount. holes 2 (0)

A: 64.60 B: 30.00 mm



10


**111131** Starter 12 V, 0.8 kW

Replacing: 228000-1540, 128000-8990, 128000-8690, 128000-8650, 128000-4230, 128000-3741, 128000-3740

Servicing: Austin, Ford, Mazda, Rover

 B+ M8, Total length 208.75,  
Gear type DD, Mount. holes 3 (3)

A: 76.15 B: 13.45 mm



8,10


**111182#** Starter 12 V, 0.8 kW

Replacing: 128000-5980, 128000-4880, 128000-4450, 128000-4430, 128000-0690

Servicing: Subaru

 B+ M8, Total length 213.75,  
Gear type DD, Mount. holes 2 (0)

A: 82.40 B: 39.80 mm



9


**111189** Starter 12 V, 0.8 kW

Replacing: 128000-8130

Servicing: Komatsu, Toyota

 B+ M8, Total length 231.50,  
Gear type DD, Mount. holes 2 (0)

A: 73.90 B: 20.00 mm



9


**111197** Starter 12 V, 2.0 kW

Replacing: 228000-5273, 228000-5270, 228000-4750, 228000-4593, 228000-4592, 228000-4591, 228000-4590

Servicing: Kubota, Various Agriculture Vehicles

 B+ M8, Total length 232.40,  
Gear type GR, Mount. holes 2 (0)

A: 82.55 B: 26.00 mm



10


**111224** Starter 12 V, 4.0 kW

Replacing: 128000-9680, 128000-5913, 128000-5912, 128000-5911, 128000-5910, 128000-0772, 128000-0771

Servicing: John Deere

 B+ M10, Total length 402.50, Gear type GR,  
Mount. holes 3 (0), Oil sealed  
Replacing: 37MT.

A: 88.90 B: 47.60 mm



9


**111299** Starter 12 V, 1.4 kW

Replacing: 228000-0664, 228000-0663, 228000-0662, 228000-0661, 228000-0660

Servicing: Carrier Transcold

 B+ M8, Total length 187.50, Gear type DD,  
Clutch type Dry, Mount. holes 2 (0)

A: 82.40 B: 24.40 mm



8


**111310** Starter 12 V, 0.8 kW

Replacing: 428000-1570, 228000-7161, 228000-7160, 228000-5481, 228000-5480, 228000-4641, 228000-4640

Servicing: Chevrolet, GEO, Pontiac, Suzuki

 B+ M8, Total length 190.50,  
Gear type GR, Mount. holes 2 (2)

A: 75.00 B: 7.80 mm



8


**111385** Starter 12 V, 0.6 kW

Replacing: 128000-4032, 128000-4031, 128000-4030, 128000-1541, 128000-1540, 028000-9221, 028000-9220

Servicing: Bedford, Suzuki

 B+ M8, 15a 6.30, Gear type DD,  
Mount. holes 2 (0)

A: 64.85 B: 27.00 mm



9


**111386#** Starter 12 V, 2.0 kW

Replacing: 228000-2980, 228000-0450, 128000-0561, 128000-0560, 128000-0551, 128000-0550, 028000-9670

Servicing: Toyota

 B+ M8, Total length 230.50, Gear type GR,  
Clutch type Wet, Mount. holes 2 (2)

A: 74.00 B: 3.50 mm



11


**111387** Starter 12 V, 2.0 kW

Replacing: 228000-0400, 128000-9592, 128000-9591, 128000-9590, 128000-8142, 128000-8141, 128000-8140

Servicing: Toyota, VW

 B+ M8, Total length 232.50, Gear type GR,  
Clutch type Wet, Mount. holes 2 (1)

A: 82.50 B: 15.00 mm


**111425** Starter 12 V, 1.4 kW

Replacing: 128000-2581, 128000-2580  
 Servicing: Chrysler, Dodge, Plymouth  
 B+ M8, Total length 267.00,  
 Gear type GR, Mount. holes 3 (2)  
 A: 81.90 B: 8.50 mm


**111442** Starter 12 V, 1.4 kW

Replacing: 128000-7714, 128000-7713,  
 128000-7712, 128000-7711, 128000-7710,  
 128000-5110, 128000-3190  
 Servicing: Acura, Honda, Rover  
 B+ M8, Total length 211.50,  
 Gear type GR, Clutch type Wet,  
 Mount. holes 2 (0)  
 A: 75.00 B: 33.50 mm


**111447** Starter 12 V, 0.8 kW

Replacing: 028000-9501, 028000-9500  
 Servicing: Daihatsu  
 B+ M8, Total length 231.55, Gear type DD,  
 Clutch type Wet, Mount. holes 2 (0)  
 A: 74.00 B: 31.00 mm


**111451** Starter 12 V, 1.4 kW

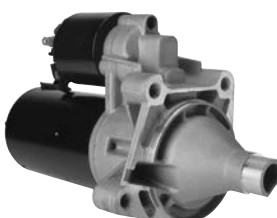
Replacing: 128000-7201, 128000-7200,  
 128000-1230, 028000-9800, 028000-8570,  
 028000-6550, 028000-6540  
 Servicing: Subaru  
 B+ M8, Total length 210.50,  
 Gear type GR, Clutch type Wet,  
 Mount. holes 2 (0)  
 A: 82.50 B: 33.50 mm


**111454#** Starter 12 V, 1.4 kW

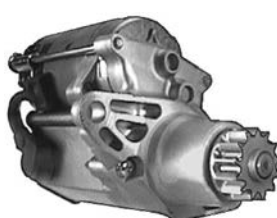
Replacing: 228000-7141, 228000-7140,  
 128000-8323, 128000-8322, 128000-8321,  
 128000-8320  
 Servicing: Subaru  
 B+ M8, Total length 188.00, Gear type GR,  
 Clutch type Wet, Mount. holes 2 (0)  
 A: 82.50 B: 33.00 mm


**111455** Starter 12 V, 0.8 kW

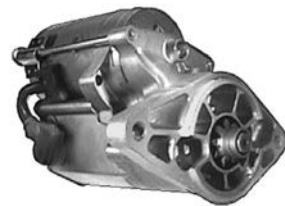
Replacing: 228000-2900, 228000-0941,  
 228000-0940, 128000-6422, 128000-6421,  
 128000-6420, 128000-5682  
 Servicing: Toyota  
 B+ M8, Total length 201.25, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (1)  
 A: 74.00 B: 8.50 mm


**111456#** Starter 12 V, 1.4 kW

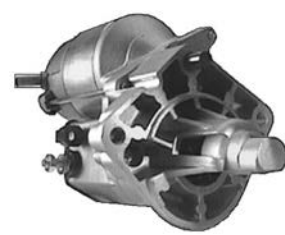
Replacing: 128000-8030, 128000-7500,  
 128000-3500  
 Servicing: Chrysler, Dodge, Plymouth  
 B+ M8, Total length 258.00,  
 Gear type GR, Mount. holes 3 (3)  
 A: 80.00 B: 7.00 mm


**111463** Starter 12 V, 1.0 kW

Replacing: 228000-5922, 228000-5920,  
 228000-3332, 228000-3331, 228000-3330  
 Servicing: Toyota  
 B+ M8, Total length 223.50, Gear type GR,  
 Clutch type Wet, Mount. holes 2 (0)  
 A: 55.00 B: 65.00 mm


**111464** Starter 12 V, 1.0 kW

Replacing: 128000-6780  
 Servicing: Daihatsu  
 B+ M8, Total length 194.50,  
 Gear type GR, Mount. holes 2 (2)  
 A: 74.00 B: 3.50 mm


**111492** Starter 12 V, 1.4 kW

Replacing: 228000-0473, 228000-0472,  
 228000-0471, 228000-0470, 128000-9380,  
 128000-7141, 128000-7140  
 Servicing: Chrysler, Dodge, Nissan, Plymouth  
 B+ M8, Total length 226.50,  
 Gear type GR, Clutch type Wet,  
 Mount. holes 3 (2)  
 A: 82.00 B: 8.00 mm


**111525** Starter 12 V, 2.2 kW

Replacing: 128000-5760  
 Servicing: Daihatsu  
 B+ M8, Total length 237.00,  
 Gear type GR, Mount. holes 2 (2)  
 A: 82.50 B: 22.00 mm

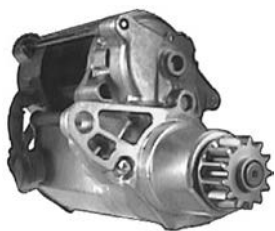

**111543#** Starter 12 V, 1.4 kW

Replacing: 128000-2600  
 Servicing: Honda, Mazda  
 B+ M8, Total length 199.25,  
 Gear type GR, Clutch type Wet,  
 Mount. holes 2 (0)  
 A: 75.00 B: 40.00 mm





13


**111544** Starter 12 V, 1.4 kW

Replacing: 228000-0530, 128000-9720, 128000-9710, 128000-8400, 128000-7991, 128000-7990, 128000-7913

Servicing: Lexus, Toyota

B+ M8, Total length 236.00, Gear type GR, Clutch type Wet, Mount. holes 2 (0)

A: 55.00 B: 65.00 mm



9


**111546#** Starter 12 V, 1.6 kW

Replacing: 128000-2830

Servicing: Acura, Honda, Rover, Sterling

B+ M8, Total length 211.00, Gear type GR, Mount. holes 3 (0)

A: 75.00 B: 40.00 mm



9


**111548** Starter 12 V, 1.0 kW

Replacing: 228000-2221, 228000-2220, 128000-6300, 128000-6240, 128000-6230, 028000-6300

Servicing: Daihatsu

B+ M8, Total length 203.00, Gear type GR, Mount. holes 2 (1)

A: 74.00 B: 3.50 mm



13


**111550** Starter 12 V, 1.4 kW

Replacing: 228000-7250, 228000-2500, 228000-0832, 228000-0831, 228000-0830, 228000-0823, 228000-0822

Servicing: Toyota

B+ M8, Total length 217.00, Gear type GR, Mount. holes 2 (0)

A: 55.00 B: 66.00 mm



8.9


**111552** Starter 12 V, 1.0 kW

Replacing: 228000-9270, 228000-7130, 128000-8312, 128000-8311, 128000-8310, 128000-7191, 128000-7190

Servicing: Subaru

B+ M8, Total length 204.25, Gear type GR, Mount. holes 2 (0)

A: 65.00 B: 49.00 mm



10


**111554** Starter 12 V, 1.4 kW

Replacing: 128000-9880, 128000-9860

Servicing: Toyota

B+ M8, Total length 211.00, Gear type GR, Mount. holes 2 (2)

A: 73.90 B: 3.00 mm



8


**111561** Starter 12 V, 0.6 kW

Replacing: 128000-4061, 128000-4060, 128000-1950, 128000-1930, 028000-9940

Servicing: Suzuki

B+ M8, 15a 4.70, Total length 231.00, Gear type DD, Mount. holes 2 (0)

A: 82.40 B: 34.00 mm



10


**111564** Starter 12 V, 2.2 kW

Replacing: 228000-3000, 228000-0880, 228000-0460, 228000-0200, 128000-5350

Servicing: Toyota

B+ M8, Total length 234.50, Gear type GR, Clutch type Wet, Mount. holes 2 (2)

A: 74.00 B: 3.50 mm



9


**111622** Starter 12 V, 1.2 kW

 Replacing: 228000-0951, 228000-0950  
 Servicing: Kubota, Various Agriculture Vehicles

B+ M8, Total length 177.50, Gear type GR, Clutch type Wet, Mount. holes 2 (0)

A: 66.30 B: 18.00 mm



12


**111679** Starter 24 V, 4.5 kW

Replacing: 228000-1601, 228000-1600, 128000-8621, 128000-8620

Servicing: Toyota

B+ M10, Total length 292.00, Gear type GR, Mount. holes 2 (0)

A: 91.00 B: 17.00 mm



9


**111682#** Starter 12 V, 1.4 kW

Replacing: 128000-9191, 128000-9190, 128000-8210

Servicing: Toyota

B+ M8, Total length 189.00, Gear type GR, Mount. holes 3 (2)

A: 73.90 B: 20.00 mm



9


**111683** Starter 12 V, 2.0 kW

Replacing: 228000-5382, 228000-4293, 228000-4292, 228000-4291, 228000-4290, 228000-3852, 228000-3851

Servicing: Chevrolet, GMC, Iseki, Isuzu, Opel, TCM

B+ M8, Total length 232.50, Gear type GR, Clutch type Dry, Mount. holes 2 (0)

A: 95.00 B: 19.50 mm



**111764** Starter 12 V, 1.4 kW  
 Replacing: 128000-7810, 128000-5280, 128000-5270, 128000-4960  
 Servicing: Dodge  
 B+ M8, Total length 240.50, Gear type GR, Clutch type Wet, Mount. holes 2 (0)  
 A: 71.00 B: 23.50 mm



**111765** Starter 12 V, 0.9 kW  
 Replacing: 128000-4864, 128000-4863, 128000-4862, 128000-4861, 128000-4860  
 Servicing: Sea Doo  
 B+ M6, Total length 205.00, Gear type DD, Mount. holes 2 (0)  
*High torque.*  
 A: 61.00 B: 25.00 mm



**111783<sup>#</sup>** Starter 12 V, 1.4 kW  
 Replacing: 228000-2740  
 Servicing: Toyota  
 B+ M8, Total length 211.00, Gear type GR, Mount. holes 2 (1)  
 A: 55.00 B: 17.50 mm



**111784** Starter 12 V, 1.4 kW  
 Replacing: 228000-3740, 228000-3283, 228000-3282, 228000-3280, 228000-2573, 228000-2572, 228000-2571  
 Servicing: Toyota  
 B+ M8, Total length 186.30, Gear type GR, Clutch type Wet, Mount. holes 2 (2)  
 A: 72.00 B: 20.00 mm



**111785** Starter 12 V, 1.0 kW  
 Replacing: 128000-7680, 128000-5840  
 Servicing: Toyota  
 B+ M8, Total length 200.00, Gear type GR, Mount. holes 2 (2)  
 A: 74.00 B: 20.00 mm



**111837** Starter 12 V, 1.0 kW  
 Replacing: 128000-5750  
 Servicing: Harley Davidson  
 B+ M8, Total length 188.50, Gear type GR, Mount. holes 3 (0)  
 A: 55.00 mm



**111839** Starter 12 V, 1.2 kW  
 Replacing: 228000-2552, 228000-2550  
 Servicing: Harley Davidson  
 B+ M8, Total length 227.00, Gear type GR, Mount. holes 3 (0)  
*Small hole output shaft. 2.0 kw version = 114688*  
 A: 54.00 mm



**111845<sup>#</sup>** Starter 12 V, 1.2 kW  
 Replacing: 128000-8221, 128000-8220  
 Servicing: Harley Davidson  
 B+ M8, Total length 188.00, Gear type DD, Clutch type Wet, Mount. holes 3 (0)  
*1/4"x 20" hole in shaft.*  
 A: 55.00 mm



**111865** Starter 12 V, 1.7 kW  
 Replacing: 0726801000  
 Servicing: Lancia, Land Rover  
 B+ M8, Total length 268.00, Gear type GR, Mount. holes 2 (0)  
 A: 73.00 B: 39.00 mm



**111874** Starter 12 V, 2.2 kW  
 Replacing: 228000-9221, 228000-9220, 228000-3642, 228000-3641, 228000-3640  
 Servicing: Toyota  
 B+ M8, Total length 234.00, Gear type GR, Clutch type Dry, Mount. holes 2 (2)  
 A: 74.00 B: 3.50 mm



**111911** Starter 12 V, 1.4 kW  
 Replacing: 428000-0670  
 Servicing: Bertolini, BMW, Ford, Various Agriculture Vehicles  
 B+ M8, 30h M5, Total length 231.50, Gear type GR, Clutch type Dry, Mount. holes 3 (2)  
 A: 76.00 B: 20.50 mm



**111915** Starter 12 V, 0.6 kW  
 Replacing: 228000-4550  
 Servicing: Bombardier, Sea Doo  
 B+ M6, Total length 205.50, Gear type DD, Mount. holes 3 (1)  
 A: 61.00 B: 21.50 mm


**111918** Starter 12 V, 0.6 kW

Replacing: 228000-4560  
 Servicing: Challenger, Sea Doo  
 B+ M6, Total length 205.00,  
 Gear type DD, Mount. holes 2 (2)  
 A: 61.00 B: 22.50 mm


**111920#** Starter 12 V

Replacing: 128000-1491, 128000-1490  
 Servicing: Honda  
 B+ M6, Total length 181.50,  
 Gear type DD, Mount. holes 2 (0)  
 A: 30.00 mm


**111928** Starter 12 V

Replacing: 128000-4852, 128000-4851,  
 128000-4850, 128000-1990  
 Servicing: Yamaha  
 B+ Plug, Total length 134.50,  
 Gear type DD, Mount. holes 2 (2)  
 A: 30.00 mm


**111969#** Starter 12 V, 2.2 kW

Replacing: 228000-4982, 228000-4981,  
 228000-4980  
 Servicing: Toyota  
 B+ M8, Total length 237.00,  
 Gear type GR, Mount. holes 2 (2)  
 A: 74.00 B: 3.50 mm


**111984** Starter 12 V, 1.1 kW

Replacing: 228000-2960, 228000-2940,  
 228000-0902, 228000-0901, 228000-0900  
 Servicing: Toyota  
 B+ M8, Total length 211.00,  
 Gear type GR, Mount. holes 2 (1)  
 A: 74.00 B: 8.00 mm


**112006** Starter 12 V, 2.0 kW

Replacing: 428000-0720  
 Servicing: Toyota  
 B+ M8, Total length 250.50,  
 Gear type GR, Mount. holes 2 (2)  
 A: 74.00 B: 3.50 mm


**112033** Starter 12 V, 1.1 kW

Replacing: 228000-6840, 228000-1100  
 Servicing: Toyota  
 B+ M8, Total length 194.50,  
 Gear type GR, Mount. holes 2 (1)  
 A: 74.00 B: 8.00 mm


**112036** Starter 12 V, 2.5 kW

Replacing: 128000-0974, 128000-0973,  
 128000-0972, 128000-0971, 128000-0970  
 Servicing: Toyota  
 B+ M10, Total length 291.00,  
 Gear type GR, Clutch type Wet,  
 Mount. holes 2 (0)  
 A: 89.90 B: 16.00 mm


**112089** Starter 12 V

Replacing: 228000-1211, 228000-1210,  
 128000-1340  
 Servicing: Case, Caterpillar, Cummins, Ford,  
 Freightliner, International, Kenworth, Mack,  
 New Holland, Perkins, Volvo  
 B+ M12, B- M12, 15a M5, Gear type DD,  
 Total length 500.00, Clutch type Wet,  
 Mount. holes 3 (0), Insulated return, Oil  
 sealed  
 Replacing: 42MT.  
 A: 92.00 B: 46.00 mm


**112214** Starter 12 V, 1.6 kW

Replacing: 228000-6680, 128000-7460  
 Servicing: Honda, Rover  
 B+ M8, Total length 210.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 75.00 B: 40.00 mm


**112246** Starter 12 V, 0.6 kW

Replacing: 128000-4600, 128000-2950,  
 028000-8411, 028000-8410, 028000-6111,  
 028000-6110  
 Servicing: Honda, John Deere  
 B+ M6, Total length 193.00, Gear type DD,  
 Clutch type Dry, Mount. holes 2 (0)  
 Solenoid: HC-CARGO 133711.  
 A: 62.45 B: 10.00 mm


**112276** Starter 12 V, 2.5 kW

Replacing: 228000-8420  
 Servicing: Ford  
 B+ M10, Total length 288.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 88.90 B: 34.00 mm


**112336** Starter 12 V, 2.0 kW

Replacing: 228000-9030, 228000-8972, 228000-8971, 228000-8970, 228000-8150, 228000-6614, 228000-6612

Servicing: Toyota

B+ M8, Total length 220.00, Gear type GR, Clutch type Wet, Mount. holes 2 (1)

A: 82.50 B: 15.50 mm


**112367** Starter 12 V, 1.4 kW

Replacing: 228000-7260, 228000-6283, 228000-6282, 228000-6281, 228000-6280, 228000-6273, 228000-6173

Servicing: Lexus, Toyota

B+ M8, Total length 217.00, Gear type GR, Clutch type Dry, Mount. holes 2 (0)

A: 55.00 B: 66.20 mm


**112369** Starter 12 V, 0.8 kW

Replacing: 228000-6620

Servicing: Daihatsu

B+ M8, Total length 201.00, Gear type GR, Clutch type Wet, Mount. holes 2 (2)

A: 74.00 B: 8.00 mm


**112489** Starter 12 V, 2.7 kW

Replacing: 228000-5811, 228000-5810

Servicing: Bobcat, Clark

B+ M10, Total length 294.50, Gear type GR, Clutch type Wet, Mount. holes 3 (0), Oil sealed

A: 89.00 B: 48.00 mm


**112544** Starter 24 V, 7.5 kW

Replacing: 228000-7381, 228000-7380, 228000-5631, 228000-5630, 228000-5612, 228000-5611, 228000-5610

Servicing: Cummins

B+ M10, Total length 314.00, Gear type GR, Clutch type Wet, Mount. holes 3 (0), Oil sealed

A: 92.00 B: 47.00 mm


**112545** Starter 12 V, 1.4 kW

Replacing: 228000-1881, 228000-1880, 128000-8101

Servicing: Lister

B+ M8, Total length 187.00, Gear type GR, Clutch type Wet, Mount. holes 2 (2)

A: 89.00 B: 27.00 mm


**112546** Starter 12 V, 0.6 kW

Replacing: 228000-2640, 128000-7480

Servicing: Cub Cadet, John Deere, Kohler

B+ M8, Total length 205.60, Gear type DD, Clutch type Wet, Mount. holes 2 (0)

A: 63.00 B: 16.90 mm


**112547** Starter 12 V, 1.4 kW

Replacing: 228000-6321, 228000-6320

Servicing: Kubota

B+ M8, Total length 194.00, Gear type GR, Clutch type Wet, Mount. holes 2 (0)

A: 66.00 B: 17.00 mm


**112822** Starter 24 V, 4.5 kW

Replacing: 228000-5641, 228000-5640

Servicing: Iveco

B+ M10, Total length 293.00, Gear type GR, Clutch type Wet, Mount. holes 3 (0)

A: 89.00 B: 49.00 mm


**112823** Starter 24 V, 5.5 kW

Replacing: 228000-7551, 228000-7550

Servicing: Iveco

B+ M10, Total length 315.00, Gear type GR, Clutch type Wet, Mount. holes 3 (0)

A: 92.00 B: 49.00 mm


**113024** Starter 12 V, 1.6 kW

Replacing: 128000-7471, 128000-7470

Servicing: Honda

B+ M8, Total length 211.00, Gear type GR, Mount. holes 2 (0)

A: 75.00 B: 33.00 mm


**113097#** Starter 12 V, 1.0 kW

Replacing: 028000-8221, 028000-8220

Servicing: Toyota

B+ M8, Total length 200.00, Gear type GR, Mount. holes 2 (0)

A: 82.00 B: 20.00 mm


**113103#** Starter 12 V, 1.4 kW

Replacing: 128000-4951, 128000-4950

Servicing: Chevrolet

B+ M8, Total length 210.00,

Gear type GR, Mount. holes 2 (0)

A: 38.00 B: 7.00 mm


**113108** Starter 12 V, 1.4 kW

Replacing: 228000-3060, 228000-2890

Servicing: Toyota, VW

B+ M8, Total length 190.50,

Gear type GR, Mount. holes 2 (0)

A: 73.90 B: 21.25 mm


**113109** Starter 12 V, 1.0 kW

Replacing: 228000-2310

Servicing: Toyota

B+ M8, Total length 200.00,

Gear type GR, Mount. holes 2 (0)

A: 73.90 B: 20.00 mm


**113114** Starter 12 V, 2.7 kW

Replacing: 228000-2292, 228000-2291, 228000-2290

Servicing: Cummins, Dodge

B+ M10, Total length 301.00,

Gear type GR, Mount. holes 3 (0)

A: 89.00 B: 47.00 mm


**113116** Starter 12 V, 1.4 kW

Replacing: 228000-3393, 228000-3392, 228000-3391, 228000-3390

Servicing: Dodge

B+ M8, Total length 220.00,

Gear type GR, Mount. holes 2 (0)

A: 72.40 B: 23.00 mm


**113119** Starter 12 V, 1.4 kW

Replacing: 228000-5303, 228000-5301, 228000-5300, 228000-3750

Servicing: Toyota

B+ M8, Total length 188.00,

Gear type GR, Mount. holes 2 (2)

A: 54.90 B: 17.00 mm


**113120** Starter 12 V, 1.4 kW

Replacing: 228000-7421, 228000-7420

Servicing: Dodge

B+ M8, Total length 220.00,

Gear type GR, Mount. holes 2 (0)

A: 72.50 B: 23.00 mm


**113130** Starter 24 V, 4.5 kW

Replacing: 028000-9760

Servicing: Hino

B+ M10, Total length 296.00,

Gear type GR, Mount. holes 2 (1)

A: 105.00 B: 32.00 mm


**113131#** Starter 12 V, 3.0 kW

Replacing: 128000-0494, 128000-0492, 128000-0491, 128000-0490

Servicing: Isuzu

B+ M10, Total length 319.50,

Gear type GR, Mount. holes 3 (0)

A: 105.00 B: 40.50 mm


**113132** Starter 12 V, 2.2 kW

Replacing: 228000-8041, 228000-8040, 228000-1893, 228000-1892, 228000-1891, 228000-1890, 128000-0833

Servicing: Hyster, Isuzu

B+ M8, Total length 237.00,

Gear type GR, Mount. holes 2 (0)

A: 94.90 B: 10.00 mm


**113136#** Starter 12 V, 2.0 kW

Replacing: 23300-7B010

Servicing: Mercury, Nissan

B+ M8, Total length 219.00,

Gear type GR, Mount. holes 2 (0)

A: 61.00 B: 56.00 mm


**113168** Starter 12 V, 2.0 kW

Replacing: 128000-7383, 128000-7382, 128000-7381, 128000-7380

Servicing: Lexus

B+ M8, Total length 232.50,

Gear type GR, Mount. holes 2 (2)

A: 54.90 B: 34.00 mm


**113169** Starter 12 V, 2.2 kW

Replacing: 228000-3260, 228000-1690, 228000-1560

Servicing: Lexus, Toyota

 B+ M8, Total length 218.50,  
Gear type GR, Mount. holes 2 (0)

A: 54.85 B: 33.00 mm


**113171** Starter 12 V, 2.0 kW

Replacing: 228000-7392, 228000-7391, 228000-7390, 228000-4304, 228000-4302, 228000-4300

Servicing: Jaguar, Lexus

 B+ M8, Total length 220.00,  
Gear type GR, Mount. holes 2 (2)

A: 54.90 B: 33.50 mm


**113172** Starter 12 V, 2.0 kW

Replacing: 228000-5862, 228000-5861, 228000-5860, 128000-6870

Servicing: Caterpillar, Hyster, Yale

 B+ M8, Total length 249.00, Gear type GR,  
Clutch type Wet, Mount. holes 2 (0), Oil sealed  
Replacing: 10MT.

A: 88.70 B: 46.00 mm


**113173** Starter 12 V, 1.8 kW

Replacing: 228000-4083, 228000-4082, 228000-4080

Servicing: Toyota

 B+ M8, Total length 209.00,  
Gear type GR, Mount. holes 2 (2)

A: 54.90 B: 17.00 mm


**113199#** Starter 12 V, 0.8 kW

Replacing: 028000-7133, 028000-7132, 028000-7131

Servicing: Kubota

 B+ M8, Total length 231.00,  
Gear type DD, Mount. holes 2 (2)

A: 73.90 B: 30.50 mm


**113203** Starter 24 V, 4.5 kW

Replacing: 228000-1431, 228000-1430, 128000-1004, 128000-1003, 128000-1002, 128000-1001, 128000-1000

Servicing: Komatsu

 B+ M10, Total length 298.00,  
Gear type GR, Mount. holes 2 (0), Oil sealed

A: 104.90 B: 14.00 mm


**113204** Starter 24 V, 1.4 kW

Replacing: 228000-4780, 128000-5411, 128000-5410

Servicing: Kubota

 B+ M8, Total length 200.00,  
Gear type DD/GR, Mount. holes 2 (0)

A: 65.90 B: 18.00 mm


**113205** Starter 12 V, 0.7 kW

Replacing: 128000-7111, 128000-7110

Servicing: Kubota

 B+ M8, Total length 205.00,  
Gear type DD, Mount. holes 2 (2)

A: 74.90 B: 34.00 mm


**113206** Starter 12 V, 2.5 kW

Replacing: 128000-9972, 128000-9971, 128000-9970

Servicing: Komatsu

 B+ M10, Total length 292.00,  
Gear type GR, Mount. holes 2 (0)

A: 94.90 B: 21.00 mm

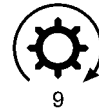

**113207** Starter 12 V, 2.8 kW

Replacing: 228000-6291, 228000-6290, 228000-2032, 228000-2031, 228000-2030

Servicing: Volvo Penta, Yanmar

 B+ M10, Total length 293.00,  
Gear type GR, Mount. holes 2 (0)

A: 90.70 B: 15.50 mm


**113208** Starter 12 V, 0.8 kW

Replacing: 228000-4620

Servicing: Various Industrial applications

 B+ M8, Total length 180.00,  
Gear type DD, Mount. holes 2 (2)

A: 73.90 B: 20.00 mm


**113209#** Starter 12 V, 2.0 kW

Replacing: 228000-5142, 228000-5140

Servicing: Isuzu

 B+ M8, Total length 220.00,  
Gear type GR, Mount. holes 2 (0)

A: 94.90 B: 10.00 mm


**113211** Starter 12 V, 1.0 kW

Replacing: 228000-7481, 228000-7480, 228000-5911, 228000-5910

Servicing: Kubota

 B+ M8, Total length 201.50,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 2 (0)

A: 66.00 B: 19.00 mm


**113214#** Starter 12 V, 2.5 kW

Replacing: 128000-5301, 128000-5300, 128000-5091, 128000-5090, 028000-9770, 028000-9160

Servicing: Hino

 B+ M10, Total length 296.00,  
 Gear type GR, Mount. holes 2 (1)

A: 105.00 B: 31.00 mm


**113230#** Starter 12 V, 0.7 kW

Replacing: 128000-4520

Servicing: Massey Ferguson

 B+ M8, Total length 204.30,  
 Gear type GR

A: 63.40 B: 43.40 mm


**113231** Starter 12 V, 0.5 kW

Replacing: 128000-2750

Servicing: Honda

 B+ 1/4" UNC, Total length 204.00,  
 Gear type GR, Mount. holes 2 (2)

A: 65.00 B: 9.00 mm


**113237** Starter 12 V, 3.0 kW

Replacing: 228000-5731, 228000-5730, 128000-5723, 128000-5722, 128000-5721, 128000-5720

Servicing: Caterpillar

 B+ M12, B- M12, Total length 315.00,  
 Gear type GR, Mount. holes 3 (0)

A: 88.70 B: 47.00 mm


**113238** Starter 12 V, 2.7 kW

Replacing: 228000-3710

Servicing: Toyota

 B+ M10, Total length 293.00,  
 Gear type GR, Mount. holes 2 (0)

A: 89.90 B: 11.00 mm


**113239** Starter 12 V, 2.5 kW

Replacing: 428000-0520, 228000-5992, 228000-5990, 228000-1611, 228000-1610, 128000-8641, 128000-8640

Servicing: Toyota

 B+ M10, Total length 299.00,  
 Gear type GR, Mount. holes 2 (0)

A: 91.00 B: 15.50 mm


**113242** Starter 12 V, 1.4 kW

Replacing: 228000-6113, 228000-6112, 228000-6110

Servicing: Chrysler, Dodge, Plymouth

 B+ M8, Total length 237.50,  
 Gear type GR, Mount. holes 2 (2)

A: 81.60 B: 8.00 mm


**113244** Starter 12 V, 1.4 kW

Replacing: 228000-9600, 228000-6272, 228000-6271, 228000-6270, 228000-5680, 228000-5490

Servicing: Lexus, Toyota

 B+ M8, Total length 217.00,  
 Gear type GR, Mount. holes 2 (0)

A: 54.90 B: 65.50 mm


**113254** Starter 12 V, 1.1 kW

Replacing: 428000-1640

Servicing: Citroen, Fiat, Peugeot, Toyota

 B+ M8, Total length 206.00,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 4 (2)

A: 62.00 B: 14.00 mm


**113271** Starter 12 V, 1.1 kW

Replacing: 228000-7591

Servicing: Toyota

 B+ M8, Total length 204.00,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 2 (1)

A: 73.90 B: 15.00 mm


**113312#** Starter 12 V, 1.4 kW

Replacing: 228000-5302, 228000-5293, 228000-5292, 228000-5291, 228000-5290

Servicing: Toyota

 B+ M8, Total length 188.00,  
 Gear type GR, Mount. holes 2 (2)

A: 54.90 B: 17.00 mm




**113313** Starter 12 V, 0.7 kW

Replacing: 228000-9530, 228000-8350

Servicing: Toyota

B+ M8, Total length 187.00,

Gear type DD, Mount. holes 2 (1)

A: 73.90 B: 11.50 mm


**113314** Starter 12 V, 1.0 kW

 Replacing: 428000-9370, 228000-8550,  
228000-8542, 228000-8541, 228000-8540

Servicing: Toyota

B+ M8, Total length 204.00,

Gear type GR, Mount. holes 2 (1)

A: 74.00 B: 13.75 mm


**113361** Starter 12 V, 1.7 kW

Replacing: 228000-4961, 228000-4960

Servicing: Honda, MG, Rover

B+ M8, Total length 210.50,

Gear type GR, Mount. holes 2 (1)

A: 75.00 B: 39.00 mm


**113402** Starter 12 V, 1.4 kW

 Replacing: 228000-0811, 228000-0810,  
128000-9702, 128000-9701, 128000-9700

Servicing: Honda, Isuzu, Opel

B+ M8, Total length 188.50,

Gear type GR, Mount. holes 2 (0)

B: 15.50 mm


**113428** Starter 12 V, 2.5 kW

 Replacing: 128000-7753, 128000-7752,  
128000-7751, 128000-7750, 028000-6561,  
028000-6560, 028000-5490

Servicing: Isuzu

B+ M10, Total length 297.00,

Gear type GR, Mount. holes 3 (0)

A: 105.00 B: 41.00 mm


**113429** Starter 12 V, 4.2 kW

 Replacing: 228000-6391, 228000-5621,  
228000-5620, 228000-5603, 228000-5601,  
228000-5600, 128000-9801

Servicing: Case, Cummins

B+ M10, Total length 326.00,

Gear type GR, Mount. holes 3 (0)

A: 91.90 B: 47.50 mm


**113459** Starter 12 V, 2.0 kW

 Replacing: 228000-5791, 228000-5790,  
128000-8171, 128000-8170

Servicing: Lister

B+ M8, Total length 220.00,

Gear type GR, Clutch type Wet,

Mount. holes 2 (2)

A: 88.80 B: 27.00 mm


**113513** Starter 12 V, 1.1 kW

Replacing: 428000-1650

Servicing: Mercedes-Benz

B+ M8, Total length 199.00,

Gear type GR, Mount. holes 2 (2)

A: 69.80 B: 27.00 mm


**113545** Starter 12 V, 0.4 kW

 Replacing: 228000-9310, 128000-4994,  
128000-4993, 128000-4992, 128000-4991,  
128000-4990, 128000-4242

Servicing: Yamaha

B+ M6, Total length 156.00,

Gear type DD, Clutch type Dry,

Mount. holes 2 (0), Oil sealed

A: 35.75 B: 37.60 mm


**113550** Starter 12 V

 Replacing: 428000-1221, 428000-1220,  
428000-1211, 428000-1210

Servicing: Mack

B+ M12, Total length 402.80,

Gear type GR, Mount. holes 3 (0),

Insulated return

Replacing: 39MT.

A: 92.00 B: 46.00 mm


**113596** Starter 12 V, 0.6 kW

Replacing: 128000-4020

Servicing: John Deere, Kawasaki, Kubota

B+ M8, Total length 180.00,

Gear type DD, Mount. holes 2 (2)

A: 70.00 B: 19.00 mm


**113597** Starter 12 V, 0.6 kW

Replacing: 128000-9360

Servicing: John Deere, Kawasaki

B+ M8, Total length 181.00,

Gear type DD, Mount. holes 2 (0)

A: 65.90 B: 17.00 mm





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**113601** Starter 12 V, 1.2 kW

Replacing: 228000-6122, 228000-6121, 228000-6120

Servicing: Land Rover

 B+ M8, Total length 227.00,  
Gear type GR, Mount. holes 2 (0)

A: 74.80 B: 39.00 mm



9


**113620**# Starter 12 V, 1.2 kW

Replacing: 228000-7740, 228000-6310

Servicing: Toyota

 B+ M8, Total length 180.00,  
Gear type GR, Mount. holes 2 (1)

A: 73.90 B: 15.00 mm



9


**113629** Starter 12 V, 1.2 kW

Replacing: 228000-6450

Servicing: Honda

 B+ M8, Total length 214.30,  
Gear type GR, Clutch type Wet,  
Mount. holes 2 (0)

A: 75.00 B: 39.80 mm



9


**113630** Starter 12 V, 1.2 kW

Replacing: 228000-8330

Servicing: Honda

 B+ M8, Total length 214.50,  
Gear type GR, Clutch type Wet,  
Mount. holes 2 (0)

A: 66.00 B: 37.00 mm



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**113635** Starter 12 V, 1.2 kW

Replacing: 128000-8480

Servicing: Carrier Transcold, Kubota

 B+ M8, Total length 176.25, Gear type DD,  
Clutch type Wet, Mount. holes 2 (2)

A: 75.00 B: 33.00 mm



9


**113649** Starter 12 V, 1.2 kW

Replacing: 228000-6750, 228000-4320

Servicing: Toyota

 B+ M8, Total length 206.30, Gear type GR,  
Clutch type Wet, Mount. holes 2 (2)

A: 74.00 B: 4.50 mm



10


**113654** Starter 12 V, 3.0 kW

Replacing: 428000-1380

Servicing: JCB, Perkins

 B+ M8, B- M8, Total length 292.00,  
Gear type GR, Mount. holes 3 (0)  
*HC-CARGO 113654 is a Marelli/Denso version,  
and cannot replace the Iskra version ( HC-CARGOref# 114387 )*

A: 88.90 B: 30.50 mm



10


**113655** Starter 12 V, 3.0 kW

Replacing: 428000-1290

Servicing: Hattat Tarim, JCB, Perkins

 B+ M8, Total length 291.00,  
Gear type GR, Clutch type Dry,  
Mount. holes 3 (0)  
*HC-CARGO 113655 is a  
Marelli/Denso version, and cannot replace  
the Iskra version ( HC-CARGOref# 114388 )*

A: 89.00 B: 30.50 mm



9


**113662** Starter 12 V, 2.0 kW

Replacing: 228000-7220

Servicing: Land Rover

 B+ M8, Total length 220.00,  
Gear type GR, Mount. holes 3 (0)

A: 65.90 B: 21.50 mm



9


**113663** Starter 12 V, 0.7 kW

Replacing: 228000-2211, 228000-2210

Servicing: John Deere, Kawasaki

 B+ M8, Total length 183.00,  
Gear type DD, Clutch type Wet,  
Mount. holes 2 (0)

A: 65.80 B: 17.00 mm



9


**113665** Starter 12 V, 1.2 kW

Replacing: 228000-6730, 228000-4020

Servicing: Toyota

 B+ M8, Total length 206.50,  
Gear type DD, Clutch type Wet,  
Mount. holes 2 (2)

A: 74.00 B: 4.70 mm



9


**113681** Starter 12 V, 0.6 kW

Replacing: 128000-1671, 128000-1670

 Servicing: Bombardier, Ski-Doo, Various  
Industrial applications

 B+ M6, Total length 205.00,  
Gear type DD, Mount. holes 2 (2)

A: 61.90 B: 14.00 mm


**113696** Starter 12 V, 2.0 kW

Replacing: 428000-0180, 228000-5123, 228000-5122, 228000-5121, 228000-5120, 228000-2970

Servicing: Ford, New Holland

 B+ M8, Total length 219.00,  
 Gear type GR, Mount. holes 2 (0)

A: 74.00 B: 20.00 mm


**113702** Starter 12 V, 2.2 kW

Replacing: 228000-6482, 228000-6481, 228000-4831, 228000-4830

Servicing: Ford, Mazda

 B+ M8, Total length 234.00,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 3 (3)

A: 82.00 B: 17.50 mm


**113723** Starter 12 V, 0.4 kW

Replacing: 128000-9400

Servicing: Honda

 B+ M6, Total length 196.00,  
 Gear type GR, Mount. holes 2 (2)

A: 47.00 B: 10.00 mm


**113725** Starter 12 V, 2.5 kW

Replacing: 428000-1860, 428000-1850, 228000-9100, 228000-6981, 228000-6980, 228000-4671, 228000-4670

Servicing: Case

 B+ M10, Total length 300.00,  
 Gear type DD, Mount. holes 2 (0)

A: 88.60 B: 49.00 mm


**113732** Starter 12 V, 1.0 kW

Replacing: 228000-7851, 228000-7850

Servicing: Cub Cadet, Honda

 B+ M8, Total length 206.00,  
 Gear type DD

A: 54.00 B: 1.50 mm


**113734** Starter 12 V, 0.6 kW

Replacing: 128000-7050

Servicing: Bombardier, John Deere, Kawasaki

 B+ M8, Total length 180.50,  
 Gear type GR, Mount. holes 2 (0)

A: 66.00 B: 17.50 mm

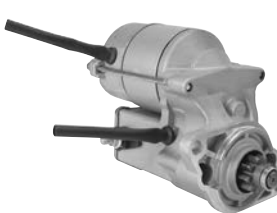

**113757** Starter 12 V, 2.2 kW

Replacing: 428000-2311, 428000-0260, 228000-5023, 228000-5022, 228000-5021, 228000-5020, 228000-1780

Servicing: Toyota

 B+ M8, Total length 195.00,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 2 (1)

A: 82.50 B: 18.50 mm


**113828** Starter 12 V, 1.2 kW

Replacing: 228000-8841

Servicing: Kawasaki

 B+ M8, Total length 181.00,  
 Gear type GR

A: 66.00 B: 18.00 mm


**113892** Starter 12 V, 1.8 kW

Replacing: 228000-8432, 228000-8431, 228000-8430

Servicing: Ford

 B+ M8, 15a M8, Total length 211.70,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 2 (0)

A: 103.60 B: 14.45 mm


**113893** Starter 12 V, 1.2 kW

Replacing: 34070-16800, 34070-16083, 128000-8462, 128000-8461, 128000-8460

Servicing: Kubota

 B+ M8, Total length 178.50,  
 Gear type GR, Clutch type Wet,  
 Mount. holes 2 (0)

A: 82.30 B: 24.80 mm


**113926** Starter 12 V, 1.9 kW

Replacing: 428000-1620

Servicing: Citroen, Fiat, Peugeot

 B+ M8, Total length 237.00,  
 Gear type GR, Mount. holes 3 (3)

B: -5.00 mm


**113928** Starter 12 V, 1.7 kW

Replacing: 228000-3981, 228000-3980, 228000-1180

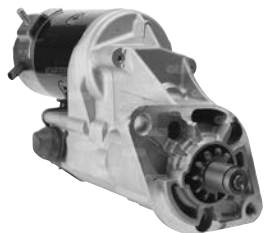
Servicing: Honda, Land Rover, Rover

 B+ M8, Total length 220.00,  
 Gear type GR, Mount. holes 2 (0)

A: 75.00 B: 39.00 mm



11


**113936** Starter 12 V, 2.7 kW

Replacing: 228000-9050, 228000-1661, 228000-1590, 228000-0575, 228000-0574, 228000-0573, 228000-0572

Servicing: Toyota

 B+ M10, Total length 305.00,  
 Gear type GR, Mount. holes 2 (1)

A: 82.50 B: 15.00 mm



11


**113938** Starter 12 V, 2.7 kW

Replacing: 428000-3110, 428000-0291, 428000-0290, 228000-5342, 228000-5341, 228000-5340

Servicing: Toyota

 B+ M10, Total length 258.00,  
 Gear type GR, Mount. holes 2 (1)

A: 82.50 B: 18.00 mm



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**113965** Starter 12 V, 2.0 kW

Replacing: 228000-7801, 228000-7800

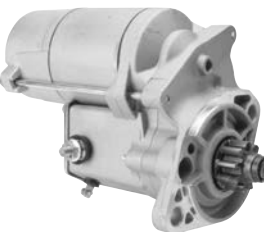
Servicing: Land Rover, MG, Rover

 B+ M8, Total length 221.00,  
 Gear type GR, Mount. holes 2 (1)  
 Available w/ fixing hole 2(1) and 2(2).

A: 75.90 B: 21.20 mm



9


**113966** Starter 12 V, 1.4 kW

Replacing: 228000-1021, 228000-1020

Servicing: Kubota

 B+ M8, Total length 220.00,  
 Gear type GR, Mount. holes 2 (0)

A: 82.50 B: 25.50 mm



11


**113983** Starter 12 V, 3.0 kW

Replacing: 228000-6552, 228000-6551, 228000-6550

Servicing: John Deere

 B+ M12, Total length 315.00,  
 Gear type GR, Mount. holes 3 (0)

A: 88.80 B: 47.60 mm



10


**113985** Starter 12 V, 2.7 kW

Replacing: 228000-7810

Servicing: Hyster, Yale

 B+ M10, Total length 297.00,  
 Gear type GR, Mount. holes 2 (0)

A: 88.80 B: 48.00 mm



11


**114017** Starter 24 V, 5.5 kW

Replacing: 128000-4688, 128000-4687, 128000-4686, 128000-4685

Servicing: Hino

 B+ M10, Total length 326.00,  
 Gear type GR, Mount. holes 3 (0)

A: 100.00 B: 25.00 mm



13


**114037** Starter 12 V, 1.6 kW

Replacing: 428000-0701, 428000-0700, 228000-9902, 228000-9901, 228000-9900

Servicing: Toyota

 B+ M8, Total length 215.00,  
 Gear type GR, Mount. holes 2 (0)

A: 55.00 B: 66.00 mm



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**114047** Starter 24 V, 4.0 kW

Replacing: 128000-7604, 128000-7603, 128000-7602, 128000-7601, 128000-7600

Servicing: Volvo

 B+ M10, Total length 290.00,  
 Gear type GR, Mount. holes 3 (0), Not Insulated return

A: 89.00 B: 48.00 mm



9


**114056** Starter 12 V, 1.3 kW

Replacing: 428000-7710, 428000-4500, 428000-0680

Servicing: Toyota

 B+ M8, Total length 196.00,  
 Gear type GR, Mount. holes 2 (1)

A: 74.00 B: 15.50 mm



8


**114060\*** Starter 12 V, 1.0 kW

Replacing: 228000-8930

Servicing: Suzuki

Gear type DD/GR, Mount. holes 2 (2)



9


**114071** Starter 12 V, 2.0 kW

Replacing: 428000-2730, 428000-1280, 428000-0500

Servicing: Mini, Toyota

 B+ M8, Total length 222.00,  
 Gear type GR, Mount. holes 2 (1)

A: 74.00 B: 14.00 mm

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**114072** Starter 12 V, 2.0 kW  
 Replacing: 428000-0660  
 Servicing: BMW, Mercedes-Benz  
 B+ M8, 30h M5, Total length 232.00,  
 Gear type GR, Mount. holes 2 (2)  
 A: 76.00 B: 21.00 mm



**114093** Starter 12 V, 1.7 kW  
 Replacing: 428000-4600  
 Servicing: Mercedes-Benz  
 B+ M8, Total length 237.00,  
 Gear type GR, Mount. holes 2 (2)  
 Alternative no.: 115512   
 A: 82.50 B: 26.00 mm

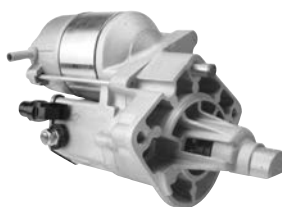


**114103** Starter 12 V  
 Replacing: 028000-8721, 028000-8720  
 Servicing: Suzuki  
 B+ M6, Total length 166.00,  
 Mount. holes 2 (0)  
 A: 30.00 B: 39.00 mm



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**114125\*** Starter 12 V, 1.2 kW  
 Replacing: 228000-9540  
 Servicing: Toyota  
 Gear type GR, Mount. holes 2 (1)  
 A: 74.00 B: 12.00 mm



**114135** Starter 12 V, 1.2 kW  
 Replacing: 228000-9680, 228000-7641,  
 228000-7640  
 Servicing: Chrysler, Dodge, Plymouth  
 B+ M8, Total length 230.00,  
 Gear type GR, Mount. holes 2 (0)  
*Only for US market.*  
 A: 81.60 B: 7.50 mm



**114168** Starter 12 V, 1.2 kW  
 Replacing: 228000-7520  
 Servicing: Caterpillar  
 B+ M8, Total length 188.00,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 2 (0)  
*Mounting holes are oval.*  
 A: 74.00 B: 20.00 mm



**114182** Starter 12 V, 0.7 kW  
 Replacing: 228000-7541, 228000-7540  
 Servicing: Suzuki  
 Total length 173.00, Mount. holes 2 (0)  
 A: 30.00 mm



**114194** Starter 12 V, 1.0 kW  
 Replacing: 228000-7091, 228000-7090  
 Servicing: Bobcat  
 B+ M8x1.25, Total length 205.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 66.00 B: 18.00 mm



**114197** Starter 12 V, 1.1 kW  
 Replacing: 228000-7471, 228000-7470  
 Servicing: John Deere  
 B+ M8, Total length 209.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 89.00 B: 17.00 mm



**114216** Starter 12 V, 2.0 kW  
 Replacing: 428000-4920, 428000-3180  
 Servicing: Lexus, Toyota  
 B+ M8, Total length 232.50,  
 Gear type GR, Mount. holes 2 (1)  
 A: 74.00 B: 24.00 mm



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**114223\*** Starter 12 V, 1.0 kW  
 Replacing: 228000-5960  
 Servicing: Lexus  
 Gear type GR, Mount. holes 2 (2)  
 A: 74.00 B: 23.00 mm



**114224** Starter 12 V, 2.7 kW  
 Replacing: 428000-1691, 428000-1690  
 Servicing: New Holland  
 B+ M10, Total length 298.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 88.88 B: 19.00 mm


**114226** Starter 12 V, 1.1 kW

Replacing: 228000-6460

Servicing: Honda

B+ M8, Total length 228.00,

Gear type GR, Mount. holes 2 (0)

A: 74.00 B: 40.00 mm


**114239** Starter 12 V, 1.6 kW

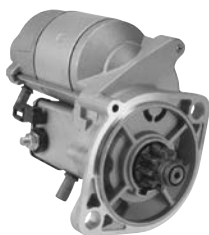
 Replacing: 428000-0024, 428000-0023,  
428000-0022, 428000-0020

Servicing: Scion, Toyota

B+ M8, Total length 195.00,

Gear type GR, Mount. holes 2 (1)

A: 74.00 B: 15.50 mm


**114260** Starter 12 V, 1.4 kW

 Replacing: 228000-2003, 228000-2002,  
228000-2001, 228000-2000, 128000-1102,  
128000-1101, 128000-1100

Servicing: John Deere

B+ M8, Total length 189.00,

Gear type GR, Mount. holes 2 (0)

A: 95.00 B: 21.00 mm


**114268** Starter 24 V, 4.5 kW

 Replacing: 228000-1832, 228000-1831,  
228000-1830

Servicing: Caterpillar

B+ M10, Total length 290.00,

 Gear type GR, Mount. holes 3 (0), Not  
Insulated return

A: 89.00 B: 29.00 mm


**114277** Starter 24 V, 7.5 kW

 Replacing: 228000-6572, 228000-6571,  
228000-6570

Servicing: John Deere

B+ M10, Total length 317.00,

Gear type GR, Mount. holes 3 (0)

A: 89.00 B: 47.50 mm

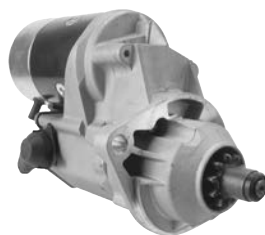

**114278** Starter 24 V, 4.5 kW

Replacing: 428000-1120

B+ M10, Total length 297.00,

 Gear type GR, Mount. holes 3 (0), Not  
Insulated return

A: 88.80 B: 29.00 mm


**114282** Starter 24 V, 4.5 kW

 Replacing: 228000-7902, 228000-7901,  
228000-7900

Servicing: Cummins

B+ M10, Total length 298.00,

Gear type GR, Mount. holes 2 (0)

A: 88.70 B: 48.00 mm


**114297** Starter 12 V, 1.2 kW

Replacing: 428000-1750

Servicing: BMW

B+ M8, Total length 199.00,

Gear type DD/GR, Mount. holes 2 (1)

A: 76.00 B: 25.00 mm


**114305** Starter 12 V, 1.7 kW

Replacing: 428000-5511, 428000-5510

Servicing: Mercedes-Benz

B+ M8, Total length 201.50,

Gear type GR, Mount. holes 2 (2)

A: 70.00 B: 16.00 mm



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**114309\*** Starter 12 V, 4.0 kW

 Replacing: 028000-5961, 028000-5960,  
028000-3650

Mount. holes 3 (0)

A: 89.00 mm


**114326** Starter 24 V, 7.5 kW

Replacing: 428000-5220

Servicing: Cummins

B+ M12, Total length 405.00,

Gear type GR, Clutch type Dry,

Mount. holes 3 (3)

A: 88.80 B: 47.00 mm


**114332** Starter 12 V, 2.2 kW

Replacing: 428000-2650

Servicing: Cummins

B+ M8, Total length 234.20,

Gear type GR, Mount. holes 2 (0)

A: 95.00 B: 19.00 mm

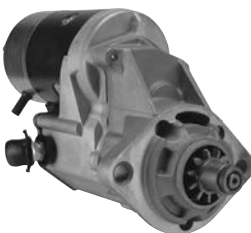

**114333** Starter 12 V, 2.2 kW

Replacing: 428000-0931, 428000-0930

Servicing: Carrier Transicold

B+ M8, Total length 216,50

A: 82.00 B: 25.00 mm


**114336** Starter 24 V, 4.5 kW

Replacing: 028000-6460, 028000-5570

Servicing: Toyota

Total length 296.00, Gear type GR,

Clutch type Dry, Mount. holes 2 (2)

A: 82.50 B: 29.00 mm


**114337** Starter 12 V, 4.5 kW

Replacing: 028000-9140

Servicing: Hino

B+ M10, Total length 296.60

A: 100.00 B: 64.00 mm


**114340** Starter 24 V, 4.5 kW

 Replacing: 428000-1830, 228000-9330,  
228000-6671, 228000-6670, 228000-6640,  
228000-4992, 228000-1751

Servicing: Komatsu

B+ M10, Total length 289.20,

 Clutch type Wet, Mount. holes 2 (0), Oil  
sealed

A: 88.50 B: 48.50 mm


**114342** Starter 12 V, 1.2 kW

Replacing: 428000-1081, 428000-1080

Servicing: Lexus, Toyota

B+ M8, Total length 204.40

A: 55.00 B: 67.00 mm


**114346** Starter 24 V, 5.5 kW

Replacing: 128000-4251

Servicing: Isuzu, TCM

B+ M10, Total length 316,80,

Mount. holes 2 (0)

A: 105.00 B: 57.00 mm


**114375** Starter 12 V, 0.6 kW

Replacing: 228000-9480

Servicing: Honda, Toro

B+ M8, Total length 181.50,

Gear type DD, Mount. holes 2 (2)

A: 70.00 B: 13.25 mm


**114389** Starter 12 V, 1.1 kW

 Replacing: 428000-5280, 428000-5001,  
428000-5000, 428000-3410

Servicing: Honda

B+ M8, Total length 222.00,

Gear type GR, Mount. holes 2 (0)

A: 75.00 B: 33.00 mm


**114399** Starter 12 V, 2.7 kW

Replacing: 428000-3140

Servicing: Case, New Holland

B+ M10, Total length 296.00,

Gear type GR, Mount. holes 2 (0)

A: 89.00 B: 26.50 mm


**114400** Starter 12 V, 1.0 kW

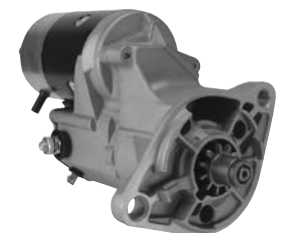
Replacing: 228000-8090

Servicing: John Deere

B+ M8, Total length 190.00,

Gear type GR

A: 95.00 B: 20.00 mm


**114417** Starter 12 V, 2.5 kW

Replacing: 228000-5520

Servicing: Toyota

B+ M10, Total length 297.00,

Gear type GR, Mount. holes 2 (0)

A: 105.00 B: 14.30 mm


**114419** Starter 12 V, 1.2 kW

Replacing: 428000-0340

Servicing: Pontiac, Toyota

B+ M8, Total length 194.00,

Mount. holes 2 (0)

A: 74.00 B: 14.80 mm



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**114420** Starter 24 V, 5.5 kW

Replacing: 128000-4250, 128000-2740

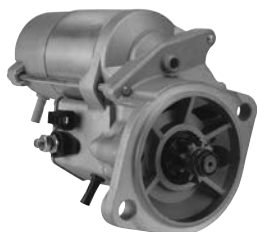
Servicing: Isuzu

 B+ M10, Total length 320.00,  
Mount. holes 2 (0)

A: 105.00 B: 56.40 mm



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**114429** Starter 12 V, 2.0 kW

Replacing: 228000-8890

Servicing: Isuzu

 B+ M8, Total length 218.00,  
Gear type GR, Mount. holes 2 (0)

A: 95.00 B: 10.00 mm



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**114440** Starter 12 V, 1.4 kW

Replacing: 228000-8800

Servicing: Lexus, Toyota

 B+ M8, Total length 186.00,  
Gear type GR, Mount. holes 2 (0)

A: 55.00 B: 32.50 mm



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**114449** Starter 12 V, 4.0 kW

 Replacing: 228000-6872, 228000-6871,  
228000-6870

Servicing: Case

 B+ M10, Total length 318.00,  
Gear type GR, Mount. holes 3 (0)

A: 89.00 B: 47.50 mm



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**114459** Starter 12 V, 4.8 kW

Replacing: 228000-8471, 228000-8470

Servicing: John Deere

 B+ M12, Total length 315.00,  
Gear type GR, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm



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**114485** Starter 12 V, 1.1 kW

Replacing: 228000-5401, 228000-5400

Servicing: Kubota

 B+ M8x1.25, Total length 205.00,  
Gear type GR, Mount. holes 2 (0)

A: 66.00 B: 18.00 mm



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**114486** Starter 12 V

Replacing: 128000-2760

Servicing: John Deere, Kawasaki

 B+ M6, Total length 173.00,  
Gear type DD, Mount. holes 2 (0)

B: 20.00 mm



9


**114501** Starter 12 V, 1.0 kW

Replacing: 228000-5590

Servicing: Kubota

 B+ M8, 30h Plug, Total length 203.00,  
Gear type GR, Mount. holes 2 (0)

A: 77.00 B: 18.00 mm



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**114504\*** Starter 12 V

Replacing: 428000-1560, 428000-0050



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**114674** Starter 12 V, 0.6 kW

Replacing: 228000-7991, 228000-7990

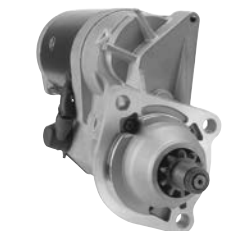
Servicing: Gravely, John Deere, Kubota

B+ M8, Gear type DD, Mount. holes 2 (0)

A: 62.00 B: 17.50 mm



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**114693** Starter 24 V, 5.5 kW

 Replacing: 228000-5052, 228000-5051,  
228000-5050

Servicing: Komatsu

 B+ M10, Total length 315.00,  
Gear type GR, Mount. holes 3 (0)

A: 89.00 B: 47.50 mm



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**114695\*** Starter 24 V, 7.5 kW

Replacing: 428000-2591, 428000-2590

Mount. holes 3 (0)



11

**NEW PRODUCT**
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**114711\*** Starter 12 V, 2.5 kW

 Replacing: 028000-7803, 028000-7802,  
028000-7801, 028000-7800

Gear type GR, Mount. holes 2 (0)



**114712** Starter 24 V, 7.5 kW  
 Replacing: 228000-9151, 228000-9150  
 Servicing: John Deere  
 B+ M12, 30h Plug, Total length 316.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 88.80 B: 47.50 mm



**114731** Starter 12 V, 2.2 kW  
 Replacing: 428000-2321  
 Servicing: Toyota  
 B+ M8, Total length 235.00,  
 Gear type GR, Mount. holes 2 (1)  
 A: 82.50 B: 18.00 mm



**114738** Starter 12 V, 1.4 kW  
 Replacing: 228000-6652, 228000-6651,  
 228000-6650  
 Servicing: Bobcat  
 B+ M8, Gear type GR, Mount. holes 2 (0)  
 A: 88.80 B: 48.00 mm



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**114739** Starter 12 V, 0.8 kW  
 Replacing: 228000-5750  
 Servicing: Yanmar  
 B+ M8, Total length 202.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 95.00 B: 20.00 mm



**114740** Starter 12 V, 1.2 kW  
 Replacing: 428000-1760  
 Servicing: BMW  
 B+ M8, Total length 222.00,  
 Gear type GR, Mount. holes 2 (1)  
 A: 76.00 B: 25.00 mm



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**114748\*** Starter 12 V, 1.4 kW  
 Replacing: 128000-5590  
 Mount. holes 2 (0)



**114816** Starter 12 V, 0.8 kW  
 Replacing: 228000-9580  
 Servicing: Honda  
 B+ M8, Total length 205.00,  
 Gear type DD, Mount. holes 2 (0)  
 A: 75.00 B: 33.50 mm



**114817** Starter 12 V, 1.3 kW  
 Replacing: 428000-0690  
 Servicing: Toyota  
 B+ M8, Total length 213.5,  
 Gear type GR, Mount. holes 2 (0)  
 A: 54.80 B: 66.00 mm



**114823** Starter 12 V, 0.6 kW  
 Replacing: 128000-5500  
 Servicing: Cub Cadet, John Deere  
 B+ M8, Total length 182.00,  
 Gear type DD, Mount. holes 2 (0), Not  
 Insulated return  
 A: 66.00 B: 18.00 mm



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**114851\*** Starter 12 V, 0.8 kW  
 Replacing: 228000-5710  
 Servicing: Daihatsu, Piaggio



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**114853** Starter 12 V, 2.7 kW  
 Replacing: 428000-2632, 428000-2631  
 Servicing: Toyota  
 B+ M10, Total length 259.00,  
 Gear type GR, Mount. holes 2 (1), Not  
 Insulated return  
 A: 82.50 B: 18.00 mm



**NEW PRODUCT**  
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**114870\*** Starter 12 V, 2.2 kW  
 Replacing: 228000-8450  
 Servicing: Caterpillar  
 Mount. holes 2 (0)





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**NEW PRODUCT**
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**114886** Starter 12 V, 1.2 kW

Replacing: 428000-5830

Servicing: Toyota

B+ M8, Total length 189.00,

Gear type GR, Mount. holes 2 (1)

A: 74.0 B: 14.00 mm



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**114889** Starter 12 V, 1.0 kW

Replacing: 428000-7840, 228000-8360

Servicing: Toyota

B+ M8, Total length 211.50,

Gear type GR, Mount. holes 2 (1), Not Insulated return

A: 74.00 B: 12.00 mm



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**NEW PRODUCT**
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**114890\*** Starter 12 V, 1.0 kW

Replacing: 428000-4111

Gear type GR, Mount. holes 2 (1)



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**115314** Starter 12 V, 2.5 kW

Replacing: 228000-0844, 228000-0842, 228000-0841, 228000-0840

Servicing: John Deere

B+ M10, Total length 294.00,

Gear type GR, Mount. holes 2 (0)

A: 89.00 B: 47.50 mm



8

**NEW PRODUCT**
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**115322** Starter 12 V, 1.4 kW

Replacing: 228000-9800

Servicing: Kubota

B+ M8, Total length 188.00,

Gear type GR, Mount. holes 2 (0)

A: 82.50 B: 24.50 mm



10

**NEW PRODUCT**
[www.hc-cargo.com](http://www.hc-cargo.com)
**115323** Starter 12 V, 2.7 kW

Replacing: 228000-7500

Servicing: Caterpillar

B+ M10, Total length 297.00,

Gear type GR, Mount. holes 3 (0)

A: 88.80 B: 29.50 mm

**NEW PRODUCT**
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**115326\*** Starter 12 V, 5.0 kW

Replacing: 428000-3630

Mount. holes 3 (0)



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**115328** Starter 12 V, 2.2 kW

Replacing: 428000-4810, 428000-1630

Servicing: Citroen, Peugeot

B+ M8, Total length 238.00,

Gear type GR, Mount. holes 3 (0)

B: 7.00 mm



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**115362** Starter 12 V, 0.7 kW

Replacing: 428000-0960, 428000-0950

Servicing: Honda

Gear type GR, Mount. holes 2 (1)



**110144** Starter 12 V, 1.0 kW  
 Replacing: 581017  
 Servicing: Nissan, TCM  
 B+ M8, Total length 194.30,  
 Gear type DD, Mount. holes 2 (0)  
 A: 82.25 B: 8.00 mm



**110365** Starter 12 V, 0.8 kW  
 Replacing: 532027, 532024  
 Servicing: Autobianchi, Fiat, Lancia, Seat  
 B+ M8, Total length 236.50,  
 Gear type DD, Mount. holes 3 (3)  
 A: 62.00 B: 12.50 mm



**110367** Starter 12 V, 1.0 kW  
 Replacing: 6231D, 6231C, 6231B, 6231A,  
 6231, 6227, 6203, 6187, 6175, 6172, 6144,  
 6128, 532017, 532010, 532002  
 Servicing: Dacia, DAF, Renault, Volvo  
 B+ M8, Total length 200.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 66.00 B: 10.50 mm



**110439** Starter 12 V, 2.0 kW  
 Replacing: 6232, 6127  
 Servicing: Buhner, Compair, Eicher, Massey  
 Ferguson  
 B+ M8, Total length 309.50,  
 Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 25.00 mm



**110459** Starter 12 V, 2.8 kW  
 Replacing: 538504  
 Servicing: Bedford  
 B+ M8, Total length 335.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 47.50 mm



**110462** Starter 12 V, 2.8 kW  
 Replacing: 538501  
 Servicing: Buhner, Ford, Matbro, New Holland  
 B+ M8, Total length 319.45,  
 Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 20.00 mm



**110565** Starter 12 V, 2.8 kW  
 Replacing: 6233, 538505, 538502  
 Servicing: Eicher, Massey Ferguson  
 B+ M8, Total length 313.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 29.50 mm



**110584** Starter 12 V, 1.2 kW  
 Replacing: 534055, 534054C, 534054B,  
 534054A, 534054  
 Servicing: Citroen, Peugeot  
 B+ M8, Total length 210.00,  
 Gear type GR, Mount. holes 3 (1)  
 A: 66.00 B: -6.00 mm



**110585** Starter 12 V, 1.2 kW  
 Replacing: 534057, 534043, 534042, 534031,  
 534029, 453052  
 Servicing: Renault, Volvo  
 B+ M8, Total length 214.15,  
 Gear type DD, Mount. holes 4 (4)  
 A: 66.00 B: -2.00 mm



**110587** Starter 12 V, 1.2 kW  
 Replacing: 8294, 8293, 534039  
 Servicing: Citroen, Peugeot  
 B+ M8, Total length 208.20,  
 Gear type DD/GR, Clutch type Dry,  
 Mount. holes 3 (3)  
 A: 66.00 B: -4.00 mm



**110793** Starter 12 V, 0.9 kW  
 Replacing: 6212, 6190, 6189, 533002, 532005  
 Servicing: Citroen, Fiat, Peugeot  
 B+ M8, Total length 221.00,  
 Gear type DD, Mount. holes 2 (2)  
 A: 66.00 B: 22.00 mm



**110856** Starter 12 V, 0.6 kW  
 Replacing: 6219, 6185, 6136, 532023, 532021  
 Servicing: Renault  
 B+ M8, Total length 208.50,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 2 (0)  
 A: 66.00 B: 21.00 mm


**110866** Starter 12 V, 0.9 kW

Replacing: 534047, 534032

Servicing: Renault

 B+ M8, Total length 197.65,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 3 (2)

A: 66.00 B: 10.50 mm


**111025** Starter 12 V, 0.8 kW

Replacing: 534053

Servicing: Autobianchi, Fiat, Lancia

 B+ M8, Total length 199.25,  
 Gear type DD, Mount. holes 3 (2)

A: 64.00 B: 11.00 mm


**111064** Starter 12 V, 1.05 kW

Replacing: 534044, 534023

Servicing: Renault, Volvo

 B+ M8, Total length 207.00,  
 Gear type DD, Mount. holes 3 (3)

A: 65.90 B: 11.00 mm


**111066** Starter 12 V, 1.05 kW

 Replacing: 6242, 6240, 618795, 618565,  
 618078, 618077, 534050, 534046, 453016

Servicing: Citroen, Fiat, Peugeot, Talbot

 B+ M8, Total length 197.00,  
 Gear type DD, Mount. holes 2 (2)

A: 65.90 B: 21.00 mm


**111068** Starter 12 V, 0.85 kW

Replacing: 534048

Servicing: Citroen, Peugeot, Talbot

 B+ M8, Total length 212.25,  
 Gear type DD, Mount. holes 3 (3)

A: 65.85 B: 15.65 mm


**111100** Starter 12 V, 0.7 kW

 Replacing: 6202F, 6202D, 6202C, 6202B,  
 6202A, 6202

Servicing: Citroen

 B+ M8, Total length 207.75,  
 Gear type DD, Mount. holes 2 (0)

A: 65.60 B: 19.80 mm


**111106** Starter 12 V, 1.0 kW

Replacing: 534028, 534027

Servicing: Fiat, Lancia, Seat

 B+ M8, Total length 232.00,  
 Gear type DD, Mount. holes 3 (3)

A: 82.00 B: 22.40 mm


**110205** Starter 24 V, 6.5 kW

Replacing: R22.22, 0220000

Servicing: Volvo

 B+ M12, Total length 407.00,  
 Gear type DD, Mount. holes 3 (0),  
 Waterproof

A: 89.00 B: 47.50 mm


**110206** Starter 24 V, 5.4 kW

Replacing: R23.08, 6080000

 Servicing: Claas, Fiat-Allis, Kossbohrer, MAN,  
 Mercedes-Benz, Neoplan, Setra

 B+ M12, B- M10, Total length 390.00,  
 Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 47.50 mm


**110207** Starter 24 V, 5.4 kW

Replacing: R23.10, 6100000

Servicing: Volvo, Volvo BM

 B+ M10, B- M10, Total length 387.00,  
 Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.00 mm


**110208** Starter 24 V, 5.4 kW

Replacing: R23.11, 6110000

 Servicing: Fiat-Allis, Mercedes-Benz, Steyr,  
 Volvo

 B+ M10, B- M10, Total length 387.00,  
 Gear type DD, Mount. holes 3 (0), Oil  
 sealed, Waterproof

A: 89.00 B: 48.50 mm


**110209** Starter 24 V, 5.4 kW

Replacing: R23.23, 6230000

Servicing: DAF

 B+ M12, B- M10, Total length 387.00,  
 Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.00 mm


**110210** Starter 24 V, 6.6 kW

 Replacing: R23.05, R22.05, R20.42, 6050000,  
 0050000

 Servicing: Fiat-Allis, Kossbohrer, MAN,  
 Mercedes-Benz, Mitsubishi, Neoplan,  
 Ssangyong

 B+ M12, B- M10, Total length 407.00,  
 Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 48.50 mm


**110212** Starter 24 V, 6.6 kW

 Replacing: R23.26, R22.16, R22.14, 6260000,  
 0160000, 0140000

Servicing: Iveco, Scania

 B+ M12, B- M10, Total length 407.00,  
 Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 47.65 mm


**110213** Starter 24 V, 6.6 kW

Replacing: R22.07, 0070000

Servicing: Fiat, Iveco

 B+ M12, B- M10, Total length 407.00,  
 Gear type DD, Mount. holes 3 (0)

A: 115.00 B: 20.80 mm


**110214** Starter 24 V, 6.6 kW

Replacing: R22.13, R20D1, R20.28, 0130000

Servicing: Scania

 B+ M10, B- M10, Total length 407.00,  
 Gear type DD, Mount. holes 3 (0),  
 Insulated return

A: 92.00 B: 37.00 mm


**110338** Starter 12 V, 0.8 kW

Replacing: R80Z

Servicing: Fiat, Lancia, Zastava

 B+ M8, Total length 254.00,  
 Gear type DD, Mount. holes 3 (3)

A: 66.90 B: 12.00 mm


**110352** Starter 12 V, 1.3 kW

 Replacing: R100.3, R100.03, E100L-1.5/12,  
 803000.2

Servicing: Fiat, Lada

 B+ M8, Total length 237.00,  
 Gear type DD, Clutch type Wet,  
 Mount. holes 3 (3)

A: 83.00 B: 22.30 mm


**110365** Starter 12 V, 0.8 kW

 Replacing: R80.02, E80C, 8100000,  
 8020020000

Servicing: Autobianchi, Fiat, Lancia, Seat

 B+ M8, Total length 236.50,  
 Gear type DD, Mount. holes 3 (3)

A: 62.00 B: 12.50 mm


**110512** Starter 24 V, 5.4 kW

Replacing: R23.25, R23.17, R23.16, R20Z, R20.17, 6250000, 6160000

Servicing: Ahlmann, Irmer, Mercedes-Benz, Various Agriculture Vehicles

 B+ M10, Total length 384.00,  
 Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm


**110520** Starter 24 V, 4.0 kW

Replacing: R10TA, R10.05

Servicing: Cummins, Fiat-Allis

 B+ M10, Total length 343.00,  
 Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.50 mm


**110522** Starter 12 V, 3.0 kW

Replacing: R11C, R11.03

Servicing: Fiat, Fiat-Allis, Iveco, New Holland

 B+ M10, Total length 341.00,  
 Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 26.50 mm


**110523** Starter 24 V, 4.8 kW

Replacing: R10.08, 6090000

Servicing: ABG, Ahlmann, Case, Compair, Iveco, KHD, Payloader

 B+ M10, Gear type DD,  
 Mount. holes 3 (0)

A: 89.00 B: 27.50 mm


**110529** Starter 12 V, 3.0 kW

Replacing: R11W, R11.07

Servicing: Agrifull, Benfra, Fiat, Fiat-Allis, Iveco

 B+ M10, Total length 340.50,  
 Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 30.00 mm


**110531** Starter 24 V, 6.6 kW

Replacing: R22.12, R22.10, 6220000, 0120000, 0100000, 0090000

Servicing: Fiat-Allis, Gmeinder, KHD, Mercedes-Benz

 B+ M12, B- M10, Total length 405.00,  
 Gear type DD

A: 56.00 B: 37.00 mm


**110532** Starter 24 V, 6.6 kW

Replacing: R20W, R20.24

Servicing: Iveco

 B+ M10, B- M10, Total length 405.00,  
 Gear type DD, Mount. holes 3 (0),  
 Waterproof

A: 115.00 B: 21.00 mm


**110533** Starter 24 V, 5.4 kW

Replacing: R23.09

Servicing: Steyr

 B+ M10, B- M10, Total length 387.00,  
 Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 46.50 mm


**110534** Starter 24 V, 5.4 kW

Replacing: R23.18, 6180000

Servicing: Fiat, Ford, Iveco, Various Agriculture Vehicles

 B+ M10, Total length 390.00,  
 Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.00 mm


**110535** Starter 24 V, 5.4 kW

Replacing: R23.21, 6210000

Servicing: Iveco

 B+ M10, B- M10, Total length 384.00,  
 Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.00 mm


**110536** Starter 12 V, 2.7 kW

Replacing: R11K, R11.12

Servicing: ABG, Atlas Copco, Bobcat, Bomag, Bosch, Case, Claas, Deutz-Fahr, Fendt, Irmer, Iveco, KHD, Kramer, Mercedes-Benz

 B+ M10, Total length 234.00,  
 Gear type GR, Mount. holes 3 (0)

A: 89.00 B: 28.00 mm


**110545** Starter 12 V, 3.0 kW

Replacing: R11N, R11F, R11A, R11.10, R11.06, R11.01

Servicing: Balkancar, Chang Feng (Liebao), Dronningborg, Sampo-Rosenlew, Ursus, Valtra, Zetor

 B+ M10, Total length 335.00,  
 Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm



**110551** Starter 12 V, 3.0 kW  
 Replacing: R11B, R11.02  
 Servicing: Lamborghini, Same, Ursus, Zetor  
 B+ M10, Total length 326.50,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 47.00 mm



**110582** Starter 24 V, 5.4 kW  
 Replacing: R23.06, 6060000  
 Servicing: Iveco  
 B+ M10, B- M10, Total length 384.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 47.00 mm



**110601** Starter 24 V, 5.4 kW  
 Replacing: R23.13, 6130000  
 Servicing: Mercedes-Benz, Steyr  
 B+ M10, Total length 384.25,  
 Gear type DD, Mount. holes 3 (0)  
 A: 88.85 B: 47.50 mm



**110608** Starter 12 V, 0.5 kW  
 Replacing: B76-0.5/12  
 Servicing: Fiat  
 B+ M8, Total length 233.75,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 3 (0)  
 A: 61.90 B: 7.70 mm



**110932** Starter 24 V, 5.4 kW  
 Replacing: R23.24  
 Servicing: DAF  
 B+ M10, B- M10, Total length 384.50,  
 Gear type DD, Mount. holes 3 (0),  
 Insulated return  
 A: 88.85 B: 47.00 mm



**110980** Starter 24 V, 5.4 kW  
 Replacing: R23.34, 6340000  
 Servicing: Volvo  
 B+ M10, B- M10, Total length 387.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 47.00 mm



**111025** Starter 12 V, 0.8 kW  
 Replacing: R80K, R80.04  
 Servicing: Autobianchi, Fiat, Lancia  
 B+ M8, Total length 199.25,  
 Gear type DD, Mount. holes 3 (2)  
 A: 64.00 B: 11.00 mm



**111046** Starter 24 V, 6.6 kW  
 Replacing: R22.06, 0060000  
 Servicing: MAN, Volvo  
 B+ M10, Total length 404.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 88.85 B: 48.00 mm



**111218** Starter 24 V, 5.4 kW  
 Replacing: R23.33, 6330000  
 Servicing: Volvo Penta  
 B+ M10, B- M10, Total length 388.00,  
 Gear type DD, Mount. holes 3 (0),  
 Insulated return  
 A: 89.00 B: 47.00 mm



**111219** Starter 24 V, 5.4 kW  
 Replacing: R23.27, 6270000, 6240000  
 Servicing: Volvo Penta  
 B+ M10, B- M10, Total length 407.00,  
 Gear type DD, Mount. holes 3 (0),  
 Insulated return  
 A: 89.00 B: 47.40 mm



**111231** Starter 24 V, 6.6 kW  
 Replacing: R22.38, 0380000  
 Servicing: Renault V.I.  
 B+ M10, B- M10, Total length 405.00,  
 Gear type DD, Mount. holes 3 (0),  
 Insulated return  
 A: 89.00 B: 40.25 mm



**111249** Starter 24 V, 5.4 kW  
 Replacing: R23.14, 6140000  
 Servicing: Various Industrial applications  
 B+ M10, Total length 381.80,  
 Gear type DD, Mount. holes 3 (0),  
 Waterproof  
 A: 89.00 B: 48.25 mm



**111585** Starter 12 V, 0.8 kW

Replacing: R80C1, R80C

Servicing: Fiat

B+ M8, Total length 206.00,

Gear type DD, Mount. holes 3 (3)

A: 61.90 B: 13.00 mm

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**110338** Starter 12 V, 0.8 kW

Replacing: MTS12P-19, MTS12-22  
 Servicing: Fiat, Lancia, Zastava  
 B+ M8, Total length 254.00,  
 Gear type DD, Mount. holes 3 (3)  
 A: 66.90 B: 12.00 mm


**110352** Starter 12 V, 1.3 kW

Replacing: MTD12-14  
 Servicing: Fiat, Lada  
 B+ M8, Total length 237.00,  
 Gear type DD, Clutch type Wet,  
 Mount. holes 3 (3)  
 A: 83.00 B: 22.30 mm


**110365** Starter 12 V, 0.8 kW

Replacing: MTS12-48, MTS12-42, MTS12-39,  
 MTS12-29, MTA12-39M, MTA12-39  
 Servicing: Autobianchi, Fiat, Lancia, Seat  
 B+ M8, Total length 236.50,  
 Gear type DD, Mount. holes 3 (3)  
 A: 62.00 B: 12.50 mm


**110367** Starter 12 V, 1.0 kW

Replacing: MTS12-51, MTS12-50, MTS12-37,  
 MTS12-10, MTA12P-15, MTA12-P19, MTA12-43,  
 MTA12-37, MTA12-19M  
 Servicing: Dacia, DAF, Renault, Volvo  
 B+ M8, Total length 200.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 66.00 B: 10.50 mm


**110450** Starter 12 V, 3.6 kW

Replacing: MTC252-7  
 Servicing: Perkins  
 B+ M8, B- M8, 15a M4,  
 Total length 370.00, Gear type DD,  
 Mount. holes 3 (0), Insulated return, Oil  
 sealed  
 A: 88.80 B: 47.50 mm


**110566** Starter 24 V, 5.2 kW

Replacing: MTC25-27  
 Servicing: Perkins  
 B+ M8, Total length 371.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 88.85 B: 47.75 mm


**110793** Starter 12 V, 0.9 kW

Replacing: MOC12-2  
 Servicing: Citroen, Fiat, Peugeot  
 B+ M8, Total length 221.00,  
 Gear type DD, Mount. holes 2 (2)  
 A: 66.00 B: 22.00 mm


**110856** Starter 12 V, 0.6 kW

Replacing: MTA12P-7, MTA12-P30  
 Servicing: Renault  
 B+ M8, Total length 208.50,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 2 (0)  
 A: 66.00 B: 21.00 mm


**111100** Starter 12 V, 0.7 kW

Replacing: MTA12-30  
 Servicing: Citroen  
 B+ M8, Total length 207.75,  
 Gear type DD, Mount. holes 2 (0)  
 A: 65.60 B: 19.80 mm

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**115423\*** Starter 12 V, 2.4 kW

Replacing: MTL12-10  
 Mount. holes 2 (0)  
 A: 82.50 mm




**110224** Starter 12 V, 1.3 kW

Replacing: SA712, SA661A, SA661, E2AF11001DA, D6TZ11002D, D6TF11001DA, D6TF11001A, D5TF11001DA, D5TF11001AA

Servicing: Ford, Mercury

B+ M8, Total length 250.00, Gear type DD, Clutch type Dry, Mount. holes 2 (0)

A: 105.00 B: 5.00 mm


**110225** Starter 12 V

Replacing: SA733, SA709B, SA709A, SA-709B, SA-709A, E2SZ11002A, E2SF11002AA, E2SF11001AA, E1AZ11002B

Servicing: Ford, Lincoln, Mercury

B+ M8, Total length 252.00, Gear type DD, Mount. holes 2 (0) Marine type ACR: HC-CARGO 111213.

A: 105.00 B: 16.50 mm


**110226** Starter 12 V

Replacing: D6TZ11002B, D6TZ11002A, D6TF11001EA, D6TF11001BA, D6TF11001AA, D6DZ11002B, D6DF11002B, D6BF11001BA

Servicing: Ford, Lincoln, Mercury

B+ 5/16" UNC, Total length 248.00, Gear type DD, Mount. holes 3 (0)

A: 103.70 B: 15.50 mm


**110227** Starter 12 V

Replacing: SA709, SA660A, SA660, SA630, SA531, D6OZ11002A, D6OF11001AA, D6OF11002AA, D6OF11002A, D6OF11001AA

Servicing: Ford

B+ M8, Total length 250.00, Gear type DD, Mount. holes 2 (0)

A: 105.00 B: 15.00 mm


**110228** Starter 12 V

Replacing: D5AZ11002C, D5AF11001EA, D2AF11001JA, D2AF11001AA, D2AF11001A16C, D1AZ11002A, D1AF11001AA

Servicing: Ford, Lincoln, Mercury

B+ M8, Total length 249.00, Gear type DD, Mount. holes 2 (1)

A: 103.70 B: 11.50 mm


**110229** Starter 12 V

Replacing: D5TF11001C, D5AF11001AB, D4AZ11002A, D4AF11001AA, D40F11001AA, D3TF11001DA, D30Z11002A, D2VF11001AA

Servicing: Ford, Lincoln, Mercury

B+ M10, 15a M4, Total length 249.50, Gear type DD, Mount. holes 2 (1)

A: 105.00 B: 10.50 mm


**110230** Starter 12 V

Replacing: D42F11001BA, D42F11001AB, D42F11001AA, D2FF11001AB, D2FF11001AA, D22F11001AB, D22F11001AA

Servicing: Ford, Mercury

B+ M8, Total length 237.50, Gear type DD, Clutch type Dry, Mount. holes 3 (0)

A: 103.60 B: 15.50 mm


**110231** Starter 12 V

Replacing: E1FF11001BA, D8FF11001BA, D8FF11001AA, D8FF11001A, D6FF1100BA, D6FF11001BA, D6FF11001AA, 5752791

Servicing: American Motors, Jeep

B+ M6, Total length 265.50, Gear type DD, Mount. holes 2 (1)

A: 82.50 B: 17.50 mm


**110336** Starter 12 V, 0.75 kW

Replacing: 86BB11000EA, 83BB11000FB, 83BB11000FA, 83BB11000AB, 83BB11000AA, 82GB11000CA, 81AB11000BO

Servicing: Ford, Mercury, Triumph

B+ M8, 15a M5, Total length 224.50, Gear type DD, Clutch type Dry, Mount. holes 3 (0)

A: 89.00 B: 28.00 mm


**110337#** Starter 12 V, 0.85 kW

Replacing: V84FB11000BA, V84FB11000AA, 81AB11000CA, 81AB11000BA

Servicing: Ford

B+ M8, 15a M5, Total length 235.00, Gear type DD, Mount. holes 3 (3)

A: 76.00 B: 13.00 mm


**110454#** Starter 12 V, 3.6 kW

Replacing: 82DB11000EA

Servicing: Ford

B+ M8, Total length 371.00, Gear type DD, Mount. holes 3 (0), Oil sealed

A: 92.00 B: 20.00 mm


**110461** Starter 12 V, 2.8 kW

Replacing: 755F11000AB, 755F11000AA, 715F11000MA, 5003643, 1653210, 1653206

Servicing: Ford, Lancer Boss, Various Agriculture Vehicles

B+ M8, 30h M5, Total length 272.00, Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 21.00 mm


**110462** Starter 12 V, 2.8 kW

Replacing: D9NN11000AA, D8NN11000CE, D8NN11000CB, D8NN11000CA, D7NN11000B, D4NN11000B, D2NN11000B, D1NN11000A  
 Servicing: Buhner, Ford, Matbro, New Holland  
 B+ M8, Total length 319.45,  
 Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 20.00 mm


**110465** Starter 12 V, 2.8 kW

Replacing: 1624968, 1526103  
 Servicing: Ford  
 B+ M8, Total length 309.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 20.00 mm


**110509** Starter 12 V, 1.4 kW

Replacing: D0FF11001B, C7FF11001B, C6FF11001D, C6FF11001B, C6FF11001, C5FF11001D  
 Servicing: American Motors, Jeep  
 B+ M8, Total length 265.50,  
 Gear type DD, Mount. holes 2 (1)  
 A: 82.50 B: 17.00 mm


**110535** Starter 24 V, 5.4 kW

Replacing: D6PZ11350C, C9JF11350A  
 Servicing: Iveco  
 B+ M10, B- M10, Total length 384.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 47.00 mm


**110584** Starter 12 V, 1.2 kW

Replacing: 3960404  
 Servicing: Citroen, Peugeot  
 B+ M8, Total length 210.00,  
 Gear type GR, Mount. holes 3 (1)  
 A: 66.00 B: -6.00 mm


**110771** Starter 12 V, 0.8 kW

Replacing: 82GB11000EA, 77BB11000AA, 71EB11000CA, 71BB11000LB, 69EB11000DA, 5003624, 1516027, 1476964  
 Servicing: Ford  
 B+ M8, 15a M5, Gear type DD,  
 Mount. holes 2 (0)  
 A: 76.00 B: 5.40 mm


**110810** Starter 12 V, 1.4 kW

Replacing: SAE792, SAE781, SAE770, F12Z11002A, F02Z11002B, E92Z11002A  
 Servicing: Ford, Kia, Mazda  
 B+ M8, Total length 208.00,  
 Gear type GR, Mount. holes 3 (2)  
 A: 73.50 B: 16.00 mm


**110831** Starter 12 V, 0.8 kW

Replacing: 87VB11000AA, 87GX11000AA, 85GB11000FA, 83BB11000EB, 83BB11000EA, 83BB11000DA, 83BB11000BB  
 Servicing: Ford  
 B+ M8, Total length 258.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 31.00 mm


**110840** Starter 12 V, 1.1 kW

Replacing: 92VB11000AB, 92VB11000AA, 89VX11000AA, 89VB11000AA, 78VB11000DA  
 Servicing: Ford  
 B+ M8, Total length 139.75,  
 Gear type DD, Mount. holes 3 (0)  
 A: 88.80 B: 29.40 mm


**110842** Starter 12 V, 1.4 kW

Replacing: SAE762, E8RY11002A, E7RY11002A, 91GX11000AB, 91GX11000AA, 91GB11000AB, 91GB11000AA, 86GB11000JB  
 Servicing: Ford, Merkur  
 B+ M8, Total length 243.30,  
 Gear type GR, Mount. holes 2 (0)  
 A: 76.00 B: 5.35 mm


**110867** Starter 12 V, 1.7 kW

Replacing: 92AX11000HB, 91AB11000PA, 91AB11000GB, 91AB11000GA, 91AB11000EB, 89AB11000AA, 86AB11000AC  
 Servicing: Ford, Mazda  
 B+ M8, Total length 265.00,  
 Gear type GR, Mount. holes 3 (3)  
 A: 76.00 B: 14.25 mm


**110868<sup>#</sup>** Starter 12 V, 1.1 kW

Replacing: 76EB11000AA, 71EB11000BA, 71BB11000AA, 70GB11000BA, 5003623, 1568699, 1438288  
 Servicing: Ford, Lamborghini, Mercury, Saab, Triumph  
 B+ M8, 15a M5, Total length 255.25,  
 Gear type DD, Mount. holes 2 (0)  
 A: 76.00 B: 4.50 mm


**110998** Starter 24 V, 5.2 kW

Replacing: 82DB11000FA

Servicing: DAF, Ford

B+ M8, Total length 166.00,

Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 21.00 mm


**111030** Starter 12 V, 1.4 kW

 Replacing: R95GX11000EA, 95GX11000EA,  
95GB11000FA, 95GB11000EA, 95GB11000CA,  
92BB11000AA, 91BX11000FX

Servicing: Ford

B+ M8, 15a M6, Total length 246.00,

 Gear type GR, Clutch type Wet,  
Mount. holes 3 (0)

A: 76.20 B: 14.00 mm


**111053#** Starter 12 V, 0.8 kW

 Replacing: 83FB11000AA, 81AB11000GB,  
81AB11000GA, 81AB11000FB, 81AB11000FA,  
81AB11000EB, 81AB11000EA

Servicing: Ford

B+ M8, 15a M5, Total length 217.00,

Gear type DD, Mount. holes 3 (3)

A: 76.00 B: 13.00 mm


**111102** Starter 12 V, 0.8 kW

Replacing: 71AB11001BA

 Servicing: Austin, Lotus, MG, Plymouth,  
Triumph, Vauxhall

B+ M8, Total length 310.80,

 Gear type DD, Clutch type Dry,  
Mount. holes 2 (0)

A: 88.85 B: 41.00 mm


**111131** Starter 12 V, 0.8 kW

 Replacing: R92AX11000JB, R92AX11000HB,  
R92AB11000FB, R91BB11000JA,  
R91AX11000KB, R91AX11000JB,  
R91AX11000HB

Servicing: Austin, Ford, Mazda, Rover

B+ M8, Total length 208.75,

Gear type DD, Mount. holes 3 (3)

A: 76.15 B: 13.45 mm


**111183** Starter 12 V, 1.4 kW

 Replacing: SA841, SA-841, F7SZ11002AA,  
F7SU11000AB, F7SU11000AA, F7SU11000A2B,  
F7SU11000A1B, E9SF11000AB

Servicing: Ford, Lincoln, Mercury

B+ M8, Total length 226.00,

Gear type GR, Mount. holes 2 (0)

A: 105.00 B: 15.00 mm


**111224** Starter 12 V, 4.0 kW

Replacing: C30F11001B

Servicing: John Deere

B+ M10, Total length 402.50, Gear type GR,

Mount. holes 3 (0), Oil sealed

Replacing: 37MT.

A: 88.90 B: 47.60 mm


**111300** Starter 12 V, 1.4 kW

Replacing: SBA185086500, SBA185086410

Servicing: Bobcat, Ford, Volvo Penta

B+ M8, Total length 214.55,

Gear type GR, Mount. holes 2 (0)

A: 74.00 B: 21.00 mm


**111311** Starter 12 V, 1.7 kW

Replacing: F32Z11002B

Servicing: Ford, Mazda

B+ M8, Total length 231.55,

Gear type GR, Mount. holes 3 (0)

A: 72.00 B: 45.40 mm


**111370** Starter 12 V, 1.2 kW

 Replacing: SAE777, SAE-777, SA800, SA784,  
SA-800, SA-784, F4FU11000AA, F23Z11002B,  
F23U11000BC, F13Z11002A

Servicing: Ford, Mazda, Mercury

B+ M8, 15a M8, Total length 224.60,

Gear type GR, Clutch type Dry,

Mount. holes 3 (3)

A: 76.25 B: 15.00 mm


**111374** Starter 12 V, 1.5 kW

 Replacing: YS8Z11002AA, Y8SZ11002AA,  
SA898, SA815, SA-815, R93BB11000KD,  
R93BB11000KC, F3RZ11002C, 98BB11000AA

Servicing: Ford, Jaguar, Mazda, Mercury

B+ M8, Total length 219.00, Gear type GR,

Clutch type Dry, Mount. holes 2 (0)


**111680** Starter 12 V, 1.1 kW

 Replacing: 97KB11000AC, 97KB11000AB,  
1030151

Servicing: Ford

B+ M8, Total length 211.75,

Gear type GR, Clutch type Dry,

Mount. holes 3 (2)

A: 71.00 B: 15.00 mm


**111730** Starter 12 V, 1.0 kW

Replacing: F7RU11000AA

Servicing: Mazda, Peugeot

B+ M8, Total length 208.00,

Gear type GR, Mount. holes 3 (2)

A: 73.90 B: 13.00 mm


**111750** Starter 12 V, 1.4 kW

 Replacing: 92AB11000JA, 92AB11000GA,  
81BB11000AA, 6816678

Servicing: Ford

B+ M8, 15a M5, Total length 208.50,

Gear type GR, Mount. holes 3 (3)

A: 76.00 B: 13.50 mm


**111844** Starter 12 V, 1.4 kW

 Replacing: SA853, SA776, SA-853, SA-776,  
F7PZ11002KA, F7PU11000KA, FOTZ11002B,  
F07U11000BA, 3852582

Servicing: Ford, Mazda

B+ M8, Total length 225.00,

Gear type GR, Mount. holes 2 (0)

A: 105.00 B: 14.00 mm


**111900** Starter 12 V, 1.8 kW

 Replacing: 97VW11000AA, 95VW11000GC,  
95VW11000GA, 95VW11000CC, 95VW11000CB,  
1072559, 1059564, 1029405, 1012395

Servicing: Audi, Ford, Seat, Skoda, VW

B+ M8, Total length 235.00,

Gear type GR, Mount. holes 2 (0)

Alternative no.: 115503

A: 76.00 B: 53.00 mm


**111906** Starter 12 V, 1.1 kW

 Replacing: YS4U11000BB, YS4U11000BA,  
YS4U11000AD, YS4U11000AB, YS4U11000AA,  
R96FB11000LD, R96FB11000LC

Servicing: Ford, Mazda, Volvo

B+ M8, Total length 214.35,

Gear type GR, Mount. holes 3 (3)

A: 76.00 B: 26.35 mm


**111909** Starter 12 V, 1.1 kW

 Replacing: 95VW11000BC, 95VW11000BB,  
95VW11000BA, 1072156

Servicing: Audi, Ford, Seat, Skoda, VW

B+ M8, Total length 212.00,

Gear type GR, Mount. holes 3 (0)

Alternative no.: 115504

A: 76.25 B: 32.00 mm


**112016** Starter 12 V

 Replacing: SA746, SA-746, E47F10001AA,  
E3TZ11002E

Servicing: Ford

 B+ M6, Total length 242.00, Gear type DD,  
Clutch type Wet, Mount. holes 2 (0)

A: 104.00 B: 15.00 mm


**112030** Starter 12 V, 1.4 kW

 Replacing: SA775, SA-775, FOTZ11002A,  
FOTZ-11002-A, F07U11000AA

Servicing: Ford, Mazda

B+ M8, Total length 225.50,

Gear type GR, Mount. holes 2 (0)

A: 106.00 B: 4.00 mm


**112074** Starter 12 V, 3.1 kW

 Replacing: F0NN11000CA, F0NN11000BA,  
898821291, 89821291, 82013922, 82007917,  
82005342, 81866002, 3918688

Servicing: Ford, New Holland

B+ M8, Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 21.00 mm


**112089** Starter 12 V

 Replacing: SA768A, E8HZ11002HA,  
E8HZ11002A, E8HT11001AA, E6HZ11002D,  
E6HZ11002C, E6HT11001CA, C6TZ11002E

 Servicing: Case, Caterpillar, Cummins, Ford,  
Freightliner, International, Kenworth, Mack,  
New Holland, Perkins, Volvo

B+ M12, B- M12, 15a M5,

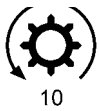
Total length 500.00, Gear type DD,

Clutch type Wet, Mount. holes 3 (0),

Insulated return, Oil sealed

Replacing: 42MT.

A: 92.00 B: 46.00 mm


**112166** Starter 12 V, 1.7 kW

Replacing: 95VW11000DA, 7203211

Servicing: Ford, VW

B+ M8, Total length 288.50, Gear type GR,

Clutch type Dry, Mount. holes 2 (0)

Bushing D.E. (clutch house): HC-CARGO 140018.

A: 76.00 B: 52.00 mm


**112177** Starter 12 V, 1.7 kW

Replacing: SBA185086650, SBA185086551

Servicing: Ford, New Holland

B+ M8, Total length 213.00, Gear type GR,

Clutch type Dry, Mount. holes 2 (0)

A: 74.00 B: 20.00 mm



9


**112232** Starter 12 V, 2.4 kW

Replacing: SAEJ1171

Servicing: Mercruiser, OMC, Thermo King, Volvo Penta

 B+ M10, 15a M5, Total length 320.00,  
Gear type DD, Mount. holes 2 (0)

Replacing: 10MT.

A: 82.00 B: 46.00 mm



10


**112235** Starter 12 V, 1.4 kW

 Replacing: YS4U11000DD, YS4U11000DC,  
YS4U11000DB, YS4U11000DA, XS7U11000CC,  
XS7U11000CB, XS7U11000C4A1

Servicing: Ford, Mazda, Mercury

 B+ M8, Total length 225.00,  
Gear type GR, Mount. holes 3 (2)

A: 76.10 B: 13.00 mm



13


**112251** Starter 12 V, 2.3 kW

 Replacing: R98VB11000B1A, R835X11000AC,  
R835F11000BB, R835F11000AC, 98VB11000BC,  
98VB11000BBB, 98VB11000BA

Servicing: Ford, LDV

 B+ M8, Total length 258.00,  
Gear type GR, Mount. holes 3 (0)

A: 91.90 B: 20.50 mm



10


**112253** Starter 12 V, 2.5 kW

 Replacing: F7HT11002FH, F7HT11001FA,  
F4HT11001BA, F3HZ11002B, F3HZ11001B,  
F3HT11001DC, F3HT11001DB

Servicing: Ford, Ingersoll Rand

 B+ M10, Total length 342.00, Gear type GR,  
Clutch type Dry, Mount. holes 3 (0)

Replacing: 28MT.

A: 88.80 B: 45.00 mm



10,13


**112267** Starter 12 V, 2.5 kW

 Replacing: SA739, SA-739, F3TU11000AA,  
E8TZ11002A, E8TZ11000AA, E8TF11000AA,  
E5TZ11002B, E5TF11000AA

Servicing: Bobcat, Cummins, Ford

 B+ M10, Total length 339.00, Gear type GR,  
Clutch type Dry, Mount. holes 3 (0)

A: 89.00 B: 46.50 mm



12


**112276** Starter 12 V, 2.5 kW

 Replacing: SA817, SA-817, F5TU11002A,  
F5TU11000AD, F5TU11000AB, F5TU11000AA,  
F4TZ11002A

Servicing: Ford

 B+ M10, Total length 288.00,  
Gear type GR, Mount. holes 3 (0)

A: 88.90 B: 34.00 mm



9


**112286** Starter 12 V, 1.7 kW

 Replacing: 97VW11000BA, 95VW11000EC,  
95VW11000EB, 1M2111000AA, 1032666

 Servicing: Audi, Ford, Mercedes-Benz, Seat,  
Skoda, VW

 B+ M8, Total length 236.00,  
Gear type GR, Mount. holes 3 (0)

A: 76.10 B: 32.00 mm



10


**112290** Starter 12 V, 2.2 kW

 Replacing: R98AB11000AD, R98AB11000AC,  
R92AB11000HB, R92AB11000HA, R91AB11000HA,  
R91AB11000FA, R89AB11000CA

Servicing: Ford, Mazda

 B+ M8, Total length 264.00, Gear type GR,  
Clutch type Dry, Mount. holes 3 (3)

A: 76.00 B: 15.00 mm



10


**112340** Starter 12 V, 1.4 kW

 Replacing: SA814, SA-814, R93BB11000JC,  
R93BB11000JB, F3RZ11002B, 93BB11000JC,  
93BB11000JB, 93BB11000JA

Servicing: Ford, Mazda, Mercury

 B+ M8, Total length 226.00,  
Gear type GR, Mount. holes 3 (3)

A: 76.00 B: 4.00 mm



10


**112429** Starter 12 V, 2.0 kW

 Replacing: YM2111000BB, YM2111000BA,  
1147432, 1111210

Servicing: Audi, Ford, Seat, Skoda, VW

 B+ M8, Total length 259.00,  
Gear type GR, Mount. holes 2 (0)

A: 76.00 B: 62.00 mm



10


**112584** Starter 12 V, 1.4 kW

 Replacing: SA807, SA799, SA790, SA787,  
SA771A, SA771, SA-807, SA-799, SA-790, SA-  
787, SA-771A, SA-771

Servicing: Ford, Lincoln, Mercury

 B+ M8, Total length 226.50, Gear type GR,  
Clutch type Wet, Mount. holes 3 (2)

A: 76.00 B: 15.00 mm



10


**112586** Starter 12 V, 1.4 kW

 Replacing: SA871, SA833, SA832, SA-871,  
SA-833, SA-832, F8DZ11002AA, F8DU11000AA,  
F68Z11002BA, F68Z11002AB

Servicing: Ford, Lincoln, Mercury

 B+ M8, Total length 225.00,  
Gear type GR, Mount. holes 3 (2)

A: 76.00 B: 15.00 mm


**112588** Starter 12 V, 1.4 kW

Replacing: SA859, SA-859, F89Z11002AA, F89U11000AA

Servicing: Ford, Mazda, Mercury

B+ M8, Total length 225.00, Gear type GR, Mount. holes 3 (3)

A: 76.00 B: 15.00 mm


**112592** Starter 12 V, 1.4 kW

Replacing: SA808, SA789, SA-808, SA-789, F4LU11000AA, F3LU11000AA, F2VY11002A, F2VU11000AD, F2VU11000AC

Servicing: Ford, Lincoln, Mercury

B+ M8, Total length 225.00, Gear type GR, Mount. holes 3 (0)

A: 76.05 B: 15.00 mm


**112600** Starter 12 V, 1.4 kW

Replacing: SA857, SA-857, F87Z11002AA, F87U11000AA, F87U11000A1B, F87U11000A1A

Servicing: Ford, Mazda

B+ M8, Total length 225.00, Gear type GR, Mount. holes 3 (0)

A: 105.00 B: 15.00 mm


**112603** Starter 12 V, 1.5 kW

Replacing: SA885, SA855, SA-885, SA-855, F7PZ11002EA, F7PZ-11002-EA, F7PU11000EA, F7PU-11000-EA

Servicing: Ford

B+ M8, Total length 225.50, Gear type GR, Clutch type Wet, Mount. holes 2 (0)

A: 105.00 B: 12.00 mm


**112608** Starter 12 V, 1.4 kW

Replacing: YC3U11000AA, SA873, SA-873, F81Z11002AA, F81Z11002A, F81U11000AE, F81U11000AD, F81U11000AC

Servicing: Ford, Lincoln

B+ M8, Total length 220.00, Gear type GR, Clutch type Wet, Mount. holes 3 (0)

A: 76.00 B: 14.00 mm


**112646** Starter 12 V, 1.4 kW

Replacing: SA849, SA842, SA838, SA-849, SA-842, SA-838, F7LZ11002BA, F7LZ11002B, F7LU11000BA, F7LU11000AA

Servicing: Ford, Lincoln, Mercury

B+ M8, Total length 225.00, Gear type GR, Mount. holes 3 (0)

A: 76.00 B: 15.00 mm


**112667#** Starter 12 V, 2.5 kW

Replacing: SA802, SA-802, F4HT11001AA, F3HT11001AC, F3HT11001AB

Servicing: Ford

B+ M10, Total length 339.00, Gear type GR, Clutch type Dry, Mount. holes 3 (0)

Replacing: 28MT.

A: 89.00 B: 46.00 mm


**112821** Starter 12 V, 2.2 kW

Replacing: YC1U11000AG, YC1U11000AF, YC1U11000AE, YC1U11000AD, YC1U11000AC, YC1U11000AB, YC1U11000AA

Servicing: Ford, Jaguar

B+ M8, Total length 250.80, Gear type GR, Clutch type Wet, Mount. holes 2 (0)

B: 36.00 mm


**112963** Starter 12 V, 1.4 kW

Replacing: SA732, SA-732, E4DF11001AA, E4DF-11001-AA, E3TZ11002D, E3TZ-11002-D, E37F11001AA, E37F11001A

Servicing: Ford, Mercury, Merkur

B+ M6, Total length 243.25, Gear type DD, Clutch type Wet, Mount. holes 3 (0)

A: 105.00 B: 14.00 mm


**112965** Starter 12 V

Replacing: SA738, SA-738, E4TZ11002A, E4TF11001AA, E4TF11001A, E4TF11000AA, E3TZ11002A, E3TG11001AA

Servicing: Ford

B+ M6, Total length 241.70, Gear type DD, Clutch type Wet, Mount. holes 2 (0)

A: 105.00 B: 6.00 mm


**113125** Starter 12 V

Replacing: SA764A, SA-764A, E9HZ11002A, E9HT11001BA

Servicing: Ford, New Holland

B+ 1/2" UNC, Total length 401.50, Gear type DD, Clutch type Wet, Mount. holes 3 (0), Oil sealed

Replacing: 37MT, 41MT.

A: 92.00 B: 48.25 mm


**113136#** Starter 12 V, 2.0 kW

Replacing: SA820, SA816, SA-820, SA-816, F5XY11002A, F4XY11002A, F4XA11000BB, F4XA11000BA

Servicing: Mercury, Nissan

B+ M8, Total length 219.00, Gear type GR, Mount. holes 2 (0)

A: 61.00 B: 56.00 mm



10


**113222** Starter 12 V, 1.4 kW

Replacing: SA785, SA-785, F1TZ11002A, F17U11000AB, F17U-11000-AB

Servicing: Ford, Ford USA, Mazda

 B+ M8, Total length 225.00,  
Gear type GR, Mount. holes 3 (0)

A: 103.50 B: 14.50 mm



9


**113303** Starter 12 V, 2.2 kW

Replacing: 6G9N11000KB

Servicing: Volvo

 B+ M8, Total length 240.00,  
Gear type GR, Mount. holes 3 (2)

A: 76.00 B: 0.00 mm



11


**113696** Starter 12 V, 2.0 kW

Replacing: SBA185086530

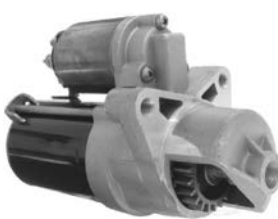
Servicing: Ford, New Holland

 B+ M8, Total length 219.00,  
Gear type GR, Mount. holes 2 (0)

A: 74.00 B: 20.00 mm



21,23


**113701** Starter 12 V, 1.1 kW

Replacing: R97KB11000AC1, R97KB11000AC, R97KB11000AB, 97KB11000AA, 96FB11000ME, 96FB11000MD, 96FB11000MC

Servicing: Ford, Mazda

 B+ M8, Total length 218.50,  
Gear type DD, Clutch type Wet,  
Mount. holes 3 (2)

*Comstar supply 23 tooth. Real supply 21 tooth.*

A: 71.00 B: 14.00 mm



9,10,12


**113702** Starter 12 V, 2.2 kW

Replacing: XM3411002CA, F8RU11000AA, 4348654, 3601369

Servicing: Ford, Mazda

 B+ M8, Total length 234.00, Gear type GR,  
Clutch type Dry, Mount. holes 3 (3)

A: 82.00 B: 17.50 mm



12


**113703** Starter 12 V, 3.6 kW

Replacing: 6C2Z11002A, 6C2T11000AA, 6C2T11000A, 3C3Z11002AA, 3C3Z11002A, 3C3U11000AC, 3C3U11000AB

Servicing: Ford

 B+ M10, Total length 248.00,  
Gear type GR, Mount. holes 2 (1)

A: 76.00 B: 47.00 mm



11


**113794** Starter 12 V, 1.4 kW

Replacing: 1S7U11000AG, 1S7U11000AF, 1S7U11000AE, 1S7U11000AD, 1S7U11000AC, 1S7U11000AB, 1S7U11000AA, 1465010

Servicing: Ford

 B+ M8, Total length 251.00,  
Gear type GR, Mount. holes 2 (0)

B: 29.00 mm



12


**113905** Starter 12 V, 1.4 kW

Replacing: 8V2111000AE, 8V2111000AD, 8V2111000AC, 8V2111000AB, 2S6U11000EE, 2S6U11000ED, 2S6U11000EC

Servicing: Ford, Mazda

 B+ M8, Total length 208.00,  
Gear type GR, Mount. holes 3 (2)

B: 13.00 mm



11


**113906** Starter 12 V, 1.2 kW

Replacing: 8S4T11000AA, 6S4T11000AA, 6G9N11000AB, 6G9N11000AA, 5S4T11000AA, 4S4T11000AA, 4918434, 4727857

Servicing: Ford, Volvo

 B+ M8, Total length 214.00,  
Gear type GR, Mount. holes 2 (0)

B: 29.00 mm



11


**113907** Starter 12 V, 1.2 kW

Replacing: 4M5T11000AC, 4M5T11000AB, 4M5T11000AA, 1478129, 1366473, 1325943

Servicing: Ford

 B+ M8, Total length 169.00, Gear type GR,  
Clutch type Dry, Mount. holes 2 (0)

B: 29.00 mm



11


**113908** Starter 12 V, 1.2 kW

Replacing: BG9T11000AA, 3M5T11000CF, 3M5T11000CE, 3M5T11000CD, 3M5T11000CC, 3M5T11000CB, 1707507, 1469712

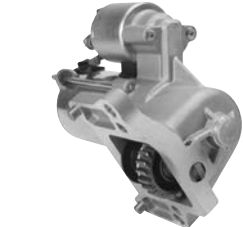
Servicing: Ford, Mazda, Volvo

 B+ M8, Total length 200.30,  
Gear type GR, Mount. holes 3 (2)

B: 14.00 mm



22


**113909** Starter 12 V, 2.2 kW

Replacing: 3S7T11000AE, 3S7T11000AD, 3S7T11000AC, 3S7T11000AB, 3S7T11000AA, 1386127, 1233277, 1209193, 1197912

Servicing: Ford

 B+ M8, Total length 218.00,  
Gear type GR, Mount. holes 2 (0)

B: 15.50 mm




**113910** Starter 12 V, 1.4 kW

Replacing: 4443760, 4424968, 4033064, 2T1411000CC, 2T1411000CB, 2T1411000CA, 2T1411000BC, 2T1411000BB

Servicing: Ford

 B+ M8, Total length 209.00,  
 Gear type GR, Mount. holes 3 (3)

A: 76.00 B: 15.00 mm


**113911** Starter 12 V, 2.2 kW

Replacing: 6G9N11000FA, 4M5T11000FD, 4M5T11000FC, 4M5T11000FB, 4M5T11000FA, 3M5T11000DC, 3M5T11000DB

Servicing: Ford, Volvo

 B+ M8, Total length 243.50,  
 Gear type GR, Mount. holes 3 (3)

A: 62.50 B: -5.95 mm


**113959** Starter 12 V, 2.0 kW

Replacing: 7H1211002AC, 7H1211002AB, 6C1T11000AF, 6C1T11000AE, 6C1T11000AD, 6C1T11000AC, 6C1T11000AB

Servicing: Citroen, Fiat, Ford, Land Rover, Peugeot

 B+ M8, Total length 261.50,  
 Gear type GR, Mount. holes 2 (0)

Alternative no.: 115510

A: 89.00 B: 36.00 mm


**113962** Starter 12 V, 0.9 kW

Replacing: BS5111000CA, 9S5111000AB, 9S5111000AA, 1726802, 1567033, 1542468

Servicing: Alfa Romeo, Fiat, Ford, Lancia

 B+ M8, Total length 169.60,  
 Gear type DD/GR, Mount. holes 2 (1)

A: 64.10 B: 10.00 mm

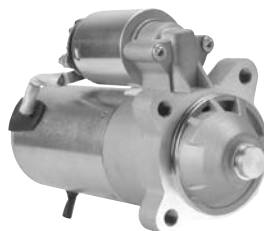

**113968** Starter 12 V, 3.6 kW

Replacing: F1NN11000AA, F0NN7H022BA, 82013923, 82005343

Servicing: New Holland

 B+ M8, Total length 330.00,  
 Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 20.00 mm


**114092** Starter 12 V, 2.0 kW

Replacing: 6G9N11000EC, 6G9N11000EB, 6G9N11000EA, 4M5T11000KE, 4M5T11000KD, 4M5T11000KC, 4M5T11000KB, 1728770

Servicing: Ford

 B+ M8, Total length 239.00,  
 Gear type GR, Mount. holes 3 (3)

A: 76.00 B: 6.00 mm


**114119** Starter 12 V, 2.2 kW

Replacing: 98AB11000AD, 97BB11000B3D, 1S4U11000AB, 1S4U11000AA, 1133994

Servicing: Ford

 B+ M8, Total length 256.00,  
 Gear type GR, Mount. holes 3 (3)

A: 76.00 B: 14.50 mm


**114162** Starter 12 V, 1.1 kW

Replacing: 4S6911000AA, 2S6U11000DC, 2S6U11000DB, 2S6U11000DA, 1564732, 1309581, 1149703

Servicing: Ford

 B+ M8, Total length 201.00,  
 Gear type GR, Mount. holes 3 (3)

A: 76.00 B: 15.00 mm


**114315** Starter 12 V, 1.4 kW

Replacing: 3M5T11000EA, 1374049

Servicing: Ford, Volvo

 B+ M8, Total length 213.50,  
 Gear type GR, Mount. holes 3 (2)

A: 76.00 B: 0.00 mm


**114746** Starter 12 V, 1.4 kW

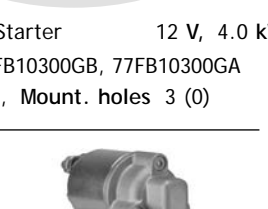
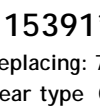
Replacing: 6G9N11000CD, 6G9N11000CC

Servicing: Volvo

 B+ M8, Total length 224.00,  
 Gear type GR, Mount. holes 3 (0), Not Insulated return

A: 56.00 B: -7.00 mm

NEW PRODUCT  
[www.hc-cargo.com](http://www.hc-cargo.com)


**115391\*** Starter 12 V, 4.0 kW

Replacing: 77FB10300GB, 77FB10300GA

Gear type GR, Mount. holes 3 (0)


**115400** Starter 12 V, 1.4 kW

Replacing: BS5111000BA, 1726350

Servicing: Alfa Romeo, Fiat, Ford, Lancia

 B+ M8, Total length 230.00,  
 Gear type GR, Mount. holes 2 (1)

A: 64.00 B: 24.00 mm





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**NEW PRODUCT**

[www.hc-cargo.com](http://www.hc-cargo.com)

**115405\*** Starter                      12 V, 2.2 kW

Replacing: 6G9N11000GC, 6G9N11000GB,  
6G9N11000GA, 1529431, 1476606, 1427763

Gear type GR, Mount. holes 3 (3)

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**110158** Starter 12 V, 1.2 kW

Replacing: HSC107100

Servicing: Dodge, Eagle, Hyundai, Mitsubishi, Plymouth, Proton

 B+ M8, Total length 233.00,  
 Gear type DD, Mount. holes 2 (2)

A: 77.00 B: 18.00 mm


**110576** Starter 24 V, 3.2 kW

Replacing: HSG232500

Servicing: Mitsubishi

 B+ M8, Total length 243.00,  
 Gear type GR, Mount. holes 2 (0)

A: 60.00 B: 19.40 mm


**110578** Starter 12 V, 2.0 kW

Replacing: HSG120510

Servicing: Ford, Mazda

 B+ M8, Total length 241.00,  
 Gear type GR, Mount. holes 3 (1)

A: 89.95 B: 41.00 mm


**110807** Starter 12 V, 0.85 kW

Replacing: HSC108100

Servicing: Ford, Kia, Mazda, Opel

 B+ M8, Total length 197.25,  
 Gear type DD, Mount. holes 2 (0)

A: 70.00 B: 20.50 mm


**110809** Starter 12 V, 2.0 kW

Replacing: HSG120500

Servicing: Dodge, Hyundai, Mitsubishi, Proton

 B+ M8, Total length 241.45,  
 Gear type GR, Mount. holes 2 (2)

A: 76.90 B: 0.00 mm


**110811** Starter 12 V, 1.2 kW

Replacing: HSP112110

Servicing: Dodge, Eagle, Hyundai, Kia, Mazda, Mitsubishi, Plymouth

 B+ M8, Total length 206.50,  
 Gear type GR, Mount. holes 2 (2)

A: 77.00 B: 17.25 mm


**110958** Starter 12 V, 0.9 kW

Replacing: HSC109120

Servicing: Dodge, Eagle, Hyundai, Mitsubishi, Plymouth

 B+ M8, Total length 188.50,  
 Gear type DD/GR, Mount. holes 2 (2)

A: 77.00 B: 10.80 mm


**111305** Starter 12 V, 1.2 kW

Replacing: HSP112130

Servicing: Hyundai, Kia, Mitsubishi

 B+ M8, Total length 207.00,  
 Gear type GR, Mount. holes 2 (2)

A: 77.00 B: 10.20 mm


**111306<sup>#</sup>** Starter 12 V, 1.2 kW

Replacing: HSP112150

Servicing: Hyundai, Kia

 B+ M8, Total length 207.50,  
 Gear type GR, Mount. holes 2 (2)

A: 76.90 B: 9.35 mm


**111307** Starter 12 V, 1.2 kW

Replacing: HSP112160

Servicing: Hyundai, Kia

 B+ M8, Total length 207.15,  
 Gear type GR, Mount. holes 2 (2)

A: 77.00 B: 16.65 mm



**114388** Starter 12 V, 3.2 kW  
 Replacing: 9HT12010A6A  
 Servicing: Hattat Tarim, JCB, Perkins  
 B+ M8, B- M8, 30h M10,  
 Total length 296.50, Gear type DD,  
 Mount. holes 3 (0)  
*Iskra version.*  
 A: 89.00 B: 32.50 mm

All measurements are in mm, unless else stated.  
 \*Available while stock last, \* Program development. O.E.M. names and numbers are used for reference purposes only.


**110142** Starter 12 V, 1.0 kW

Replacing: S114-97, S114-87M, S114-87K, S114-87, S114-55, S114-208, S114-163F, S114-163E, S114-163B, S114-163

Servicing: Nissan

 B+ M8, Total length 216.00,  
 Gear type DD, Mount. holes 2 (0)

A: 70.00 B: 11.40 mm


**110144** Starter 12 V, 1.0 kW

Replacing: S114-174, S114-170E, S114-170B, S114-170, S114-108M, S114-108L, S114-108, S114-103P, S114-103N

Servicing: Nissan, TCM

 B+ M8, Total length 194.30,  
 Gear type DD, Mount. holes 2 (0)

A: 82.25 B: 8.00 mm


**110155** Starter 12 V, 1.0 kW

Replacing: S114-91K, S114-91

Servicing: Komatsu, Nissan, TCM

 B+ M8, Total length 191.00,  
 Gear type DD, Mount. holes 2 (0)

A: 83.00 B: 7.50 mm


**110156** Starter 12 V, 1.2 kW

Replacing: S114-164A, S114-164, S114-151L, S114-151, S114-150L, S114-150

Servicing: Komatsu

 B+ M8, Total length 218.00,  
 Gear type DD, Mount. holes 2 (0)

A: 70.00 B: 21.00 mm


**110160** Starter 12 V, 1.2 kW

Replacing: S114-237, S114-232A, S114-232

Servicing: Volvo

 B+ M8, Total length 232.25,  
 Gear type DD, Mount. holes 2 (2)

A: 82.45 B: 35.00 mm

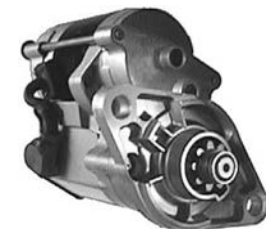

**110249** Starter 12 V, 0.8 kW

Replacing: S114-614, S114-606C, S114-606A, S114-606, S114-566, S114-396D, S114-396

Servicing: Honda, Nissan, Rover

 B+ M8, Total length 209.50,  
 Gear type DD, Mount. holes 2 (0)

A: 75.00 B: 34.75 mm


**110260** Starter 12 V, 1.0 kW

Replacing: LR160-12B

Servicing: Toyota, VW

 B+ M8, Total length 197.00,  
 Gear type GR, Mount. holes 2 (0)

A: 73.80 B: 20.00 mm


**110277** Starter 12 V, 0.8 kW

Replacing: S114-426, S114-348A, S114-348, S114-229F, S114-229E, S114-229, S114-173F, S114-173E, S114-173B

Servicing: Nissan

 B+ M8, Total length 190.00,  
 Gear type DD, Mount. holes 2 (0)

A: 82.35 B: 6.80 mm


**110278** Starter 12 V, 0.8 kW

Replacing: S114-320A, S114-320, S114-319

Servicing: Nissan

 B+ M8, Total length 192.00,  
 Gear type DD, Mount. holes 2 (2)

A: 82.00 B: 3.00 mm


**110279** Starter 12 V, 0.8 kW

Replacing: S114-568A, S114-568, S114-402, S114-364, S114-316, S114-315

Servicing: Nissan, VW

 B+ M8, Total length 227.50,  
 Gear type DD, Mount. holes 2 (0)

A: 70.00 B: 42.00 mm


**110280** Starter 12 V, 1.2 kW

Replacing: S114-344, S114-268A, S114-268, S114-258C, S114-258A, S114-258, S114-254F, S114-254D, S114-254C

Servicing: Nissan

 B+ M8, Total length 211.80,  
 Gear type GR, Mount. holes 2 (0)

A: 82.45 B: 7.20 mm


**110332** Starter 12 V, 1.0 kW

Replacing: S114-92, S114-72, S114-70, S114-162D, S114-162B, S114-162A, S114-162

Servicing: Mercury, Nissan

 B+ M8, Total length 228.00,  
 Gear type DD, Mount. holes 2 (0)

A: 70.00 B: 21.45 mm



**110386** Starter 12 V, 1.9 kW

Replacing: S13-38B, S13-38A, S13-36, S12-68D, S12-68C, S12-68B, S12-68A, S12-68, S12-63C, S12-63B, S12-63A

Servicing: Nissan  
 B+ M8, Total length 242.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 82.50 B: 10.50 mm



**110412** Starter 12 V, 2.2 kW

Replacing: S13-33B, S13-33A, S13-33, S13-28, S13-27A, S13-27, S13-25, S13-123, S13-111, S13-06A, S13-06

Servicing: Isuzu, John Deere, TCM  
 B+ M8, Total length 233.80,  
 Gear type DD, Mount. holes 2 (0)  
 A: 94.90 B: 20.30 mm



**110417** Starter 12 V, 1.3 kW

Replacing: S114-625, S114-235B, S114-235A, S114-235, S114-231B

Servicing: Yanmar  
 B+ M8, Total length 194.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 89.00 B: 17.50 mm



**110439** Starter 12 V, 2.0 kW

Replacing: S12-87, S12-85  
 Servicing: Buhner, Compair, Eicher, Massey Ferguson

B+ M8, Total length 309.50,  
 Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 25.00 mm



**110443** Starter 12 V, 2.1 kW

Replacing: S12-84  
 Servicing: Balkancar, Dronningborg, Massey Ferguson, Matbro, Rover  
 B+ M8, Total length 309.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 29.50 mm



**110462** Starter 12 V, 2.8 kW

Replacing: S13-61A, S13-61  
 Servicing: Buhner, Ford, Matbro, New Holland  
 B+ M8, Total length 319.45,  
 Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 20.00 mm



**110485** Starter 12 V, 1.4 kW

Replacing: S114-450, S114-244, S114-116  
 Servicing: Thermo King, Yanmar  
 B+ M8, Total length 214.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 95.00 B: 21.00 mm



**110552** Starter 12 V, 1.2 kW

Replacing: S114-381  
 Servicing: Ford, JCB, John Deere, Volvo Penta  
 B+ M8, Total length 194.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 74.00 B: 20.00 mm



**110565** Starter 12 V, 2.8 kW

Replacing: S13-74, S13-73B, S13-73, S12-73  
 Servicing: Eicher, Massey Ferguson  
 B+ M8, Total length 313.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 29.50 mm



**110573** Starter 12 V, 2.0 kW

Replacing: S13-82B, S13-82A, S13-82, S13-75, S13-120B, S13-120A, S12-58, S12-48  
 Servicing: Daewoo, Hyster, Isuzu  
 B+ M8, Total length 234.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 95.00 B: 21.80 mm



**110574** Starter 12 V, 2.0 kW

Replacing: S14-205A, S14-205, S13-327, S13-307A, S13-213, S13-212, S13-106E, S13-106C, S13-106B, S13-106A  
 Servicing: Nissan  
 B+ M8, Total length 224.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 94.90 B: 11.00 mm



**110575** Starter 12 V, 2.0 kW

Replacing: S13-305A, S13-305, S13-105A, S13-105, S114-105  
 Servicing: Nissan  
 B+ M8, Total length 218.00,  
 Gear type GR, Mount. holes 2 (2)  
 A: 82.00 B: 3.50 mm


**110580** Starter 24 V, 4.5 kW

Replacing: S25-135A, S25-135, S25-103, S25-100A, S25-100

Servicing: Isuzu

 B+ M10, Total length 358.00,  
 Gear type GR, Mount. holes 3 (0)

A: 105.00 B: 41.00 mm


**110616** Starter 24 V, 4.5 kW

Replacing: S25-75A, S25-75, S25-64F, S25-64E, S25-64B, S25-64, S25-164A, S25-164, S25-162, S25-110M, S25-110L

Servicing: Nissan

 B+ M8, Total length 292.00,  
 Gear type GR, Mount. holes 3 (0)

A: 105.00 B: 33.80 mm


**110617** Starter 12 V, 1.2 kW

Replacing: S114-23K, S114-184

Servicing: Nissan

 B+ M8, Total length 269.00,  
 Gear type DD, Mount. holes 2 (0)

A: 82.35 B: 31.35 mm


**110719** Starter 12 V, 2.0 kW

Replacing: S13-92A, S13-92, S13-63, S13-45B, S13-45A, S13-45, S13-40B, S13-40A, S13-40, S13-34A, S13-34

Servicing: Nissan

 B+ M8, Total length 227.50,  
 Gear type GR, Mount. holes 2 (0)

A: 82.45 B: 11.50 mm


**110723** Starter 24 V, 3.5 kW

Replacing: S25-212, S25-120A, S25-120, S24-13, S24-03C, S24-03B, S24-03A

Servicing: Isuzu

 B+ M8, Total length 240.00,  
 Gear type GR, Mount. holes 2 (0)

A: 94.90 B: 21.00 mm


**110807** Starter 12 V, 0.85 kW

Replacing: S114-550A, S114-550

Servicing: Ford, Kia, Mazda, Opel

 B+ M8, Total length 197.25,  
 Gear type DD, Mount. holes 2 (0)

A: 70.00 B: 20.50 mm


**110820** Starter 12 V, 2.0 kW

Replacing: S13-89D, S13-89C, S13-89B, S13-89A, S13-89, S13-289A, S13-289, S13-211, S12-89

Servicing: Thermo King

 B+ M8, Total length 229.00,  
 Gear type GR, Mount. holes 2 (0)

A: 95.00 B: 18.75 mm


**110824#** Starter 12 V, 1.1 kW

Replacing: S114-297

Servicing: Audi, Porsche, VW

 B+ M8, 15a M5, Total length 255.50,  
 Gear type DD, Mount. holes 2 (1)

A: 82.00 B: 20.60 mm


**111010** Starter 12 V, 1.4 kW

Replacing: S114-501A, S114-501

Servicing: Audi, VW

 B+ M8, 15a 6.30, Total length 243.25,  
 Gear type GR, Mount. holes 2 (1)

A: 82.50 B: 20.80 mm


**111023** Starter 12 V, 1.4 kW

Replacing: S114-461B, S114-461A, S114-461

Servicing: Nissan

 B+ M8, Total length 221.25,  
 Gear type GR, Mount. holes 2 (0)

**111058** Starter 12 V, 0.8 kW

Replacing: S114-554A, S114-554

Servicing: Audi, Seat, VW

 B+ M8, 15a 6.30, Total length 215.50,  
 Gear type DD, Mount. holes 3 (2)

Bushing d.e. (clutch house): HC-CARGO 140500.

A: 82.35 B: 14.75 mm


**111059** Starter 12 V, 0.9 kW

Replacing: S114-553A, S114-553

Servicing: Seat, VW

 B+ M8, 15a 6.30, Total length 230.00,  
 Gear type DD/GR, Clutch type Dry,  
 Mount. holes 3 (0)

Bushing D.E. (clutch house): HC-CARGO 140008.

A: 76.00 B: 33.00 mm


**111098** Starter 12 V, 1.0 kW

Replacing: S114-385

Servicing: Iseki

 B+ M8, Total length 212.50,  
 Gear type GR, Mount. holes 2 (0)

A: 80.00 B: 22.60 mm


**111120** Starter 12 V, 2.2 kW

Replacing: S13-91A, S13-91

Servicing: Volvo, VW

 B+ M8, Total length 272.65,  
 Gear type GR, Mount. holes 2 (2)

A: 82.35 B: 21.60 mm


**111136** Starter 12 V, 1.4 kW

 Replacing: S114-480B, S114-480A, S114-480,  
 S114-473

Servicing: Opel, Vauxhall

 B+ M8, Total length 199.00,  
 Gear type GR, Mount. holes 2 (1)

A: 77.90 B: 19.00 mm


**111182#** Starter 12 V, 0.8 kW

 Replacing: S114-557A, S114-557, S114-556A,  
 S114-556, S114-424A, S114-424, S114-419A,  
 S114-419, S114-418

Servicing: Subaru

 B+ M8, Total length 213.75,  
 Gear type DD, Mount. holes 2 (0)

A: 82.40 B: 39.80 mm


**111247** Starter 24 V, 3.5 kW

Replacing: S25-121A, S25-121, S24-07

Servicing: Isuzu

 B+ M8, Total length 243.25,  
 Gear type GR, Mount. holes 2 (0)

A: 95.00 B: 20.75 mm


**111274** Starter 12 V, 1.2 kW

Replacing: S114-481A, S114-481

Servicing: Opel, Vauxhall

 B+ M8, Total length 214.00,  
 Gear type GR, Mount. holes 3 (1)

A: 77.50 B: 18.50 mm


**111303** Starter 12 V, 0.8 kW

 Replacing: S114-775A, S114-775, S114-758,  
 S114-570C, S114-570B, S114-570A, S114-570

Servicing: Jaguar, Nissan

 B+ M8, Total length 185.15,  
 Gear type DD/GR, Mount. holes 2 (1)

A: 69.95 B: 11.15 mm


**111312** Starter 12 V, 0.8 kW

 Replacing: S114-769H, S114-769A, S114-769,  
 S114-630, S114-617A, S114-617, S114-569B,  
 S114-569A, S114-569

Servicing: Nissan

 B+ M8, Total length 221.70,  
 Gear type DD/GR, Mount. holes 2 (0)

A: 70.00 B: 43.00 mm


**111382** Starter 12 V, 1.4 kW

 Replacing: S114-801D, S114-801C, S114-801B,  
 S114-801A, S114-801

Servicing: Infiniti, Nissan

 B+ M8, Total length 229.85,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 2 (0)

A: 75.00 B: 56.25 mm


**111445** Starter 12 V, 2.0 kW

 Replacing: S13-502A, S13-502, S13-302B,  
 S13-302A, S13-302, S13-102, S13-101

Servicing: Nissan, Toyota

 B+ M8, Total length 231.00,  
 Gear type GR, Mount. holes 2 (0)

A: 82.50 B: 8.00 mm


**111452** Starter 12 V, 0.8 kW

 Replacing: S114-839, S114-780, S114-505A,  
 S114-505

Servicing: TCM

 B+ M8, Total length 191.00,  
 Gear type DD/GR, Mount. holes 2 (0)

A: 82.50 B: 7.80 mm


**111459** Starter 12 V, 1.2 kW

 Replacing: S114-802A, S114-800B, S114-800A,  
 S114-800, S114-767, S114-766A, S114-766,  
 S114-750, S114-534

Servicing: Jaguar, Nissan

 B+ M8, Total length 207.00,  
 Gear type GR, Mount. holes 2 (1)

A: 69.90 B: 11.50 mm


**111534** Starter 12 V, 1.4 kW

Replacing: S114-890A, S114-890, S114-850E, S114-850D, S114-850C, S114-850B, S114-850A, S114-850

Servicing: Opel, Vauxhall

B+ M8, Total length 188.00,

Gear type GR, Mount. holes 2 (1)

A: 77.90 B: 19.00 mm


**111549** Starter 12 V, 1.4 kW

Replacing: S114-827, S114-762B, S114-762A, S114-762, S114-705E, S114-705D, S114-705C, S114-705B, S114-705A

Servicing: Nissan

B+ M8, Total length 199.00,

Gear type GR, Mount. holes 2 (2)

A: 82.45 B: 3.65 mm


**111558** Starter 24 V, 3.5 kW

Replacing: S25-156

Servicing: Nissan

B+ M8, Total length 333.60, Gear type GR, Clutch type Wet, Mount. holes 3 (0)

A: 105.00 B: 9.00 mm


**111559** Starter 12 V, 2.0 kW

Replacing: S14-210A, S14-210, S14-203, S13-210C, S13-210B, S13-114B, S13-114A, S13-114, S13-112A, S13-112

Servicing: Isuzu, Opel, Vauxhall

B+ M8, Total length 223.50,

Gear type GR, Mount. holes 2 (0)

A: 95.00 B: 10.50 mm


**111586** Starter 12 V, 1.4 kW

Replacing: S114-482

Servicing: GEO, Suzuki

B+ M8, Total length 207.50,

Gear type GR, Mount. holes 2 (0)

A: 82.45 B: 11.00 mm


**111608** Starter 12 V, 1.4 kW

Replacing: S114-523

Servicing: Infiniti, Nissan

B+ M8, Total length 216.00,

Gear type GR, Mount. holes 2 (2)

A: 82.25 B: 43.00 mm


**111683** Starter 12 V, 2.0 kW

Replacing: S13-136

Servicing: Chevrolet, GMC, Iseki, Isuzu, Opel, TCM

B+ M8, Total length 232.50,

Gear type GR, Clutch type Dry, Mount. holes 2 (0)

A: 95.00 B: 19.50 mm


**111690** Starter 12 V, 1.1 kW

Replacing: S114-808D, S114-808C, S114-808B, S114-808A, S114-808

Servicing: Opel, Vauxhall

B+ M8, Total length 193.50,

Gear type GR, Clutch type Wet, Mount. holes 2 (1)

A: 78.00 B: 19.50 mm


**111706** Starter 12 V, 1.0 kW

Replacing: S114-303A, S114-303

Servicing: Yanmar

B+ M8, Total length 217.00,

Gear type DD, Mount. holes 2 (0)

A: 69.90 B: 17.50 mm


**111763** Starter 12 V, 1.2 kW

Replacing: S114-528A, S114-528

Servicing: Nissan

B+ M8, Total length 196.50,

Gear type GR, Mount. holes 2 (2)

A: 82.00 B: 14.00 mm


**111766** Starter 12 V, 1.1 kW

Replacing: S114-323C, S114-323B, S114-323A, S114-323

Servicing: Yamaha, Yanmar

B+ M8, Total length 222.00,

Gear type DD, Mount. holes 2 (2)

A: 67.00 B: 32.00 mm


**111805** Starter 12 V, 2.5 kW

Replacing: S13-127C, S13-127A, S13-127, S13-107A, S13-107

Servicing: Ford, Nissan

B+ M8, Total length 228.00,

Gear type GR, Mount. holes 2 (0)

A: 95.00 B: 11.50 mm





10


**111836** Starter 12 V, 0.8 kW

Replacing: S108-41

Servicing: Harley Davidson

 B+ M6, Total length 176.00,  
Gear type DD

A: 24.50 B: 23.00 mm



9


**111840** Starter 12 V, 0.6 kW

 Replacing: S108-61G, S108-61F, S108-61E,  
S108-61D, S108-61C, S108-61B, S108-61A,  
S108-61, S108-116

Servicing: Kawasaki

 B+ M8, Total length 224.50,  
Gear type DD, Mount. holes 2 (2)

A: 62.00 B: 27.00 mm



9


**112008** Starter 12 V, 0.6 kW

 Replacing: S114-120, S108-94A, S108-94,  
S108-120, S108-112

Servicing: Suzuki

 B+ M6, Total length 201.00,  
Gear type DD, Mount. holes 2 (2)

A: 67.00 B: 30.00 mm



9


**112083** Starter 12 V, 2.8 kW

 Replacing: S14-03, S13-557B, S13-557, S13-  
555B, S13-555A, S13-555, S13-514

Servicing: Isuzu, Opel, Vauxhall

 B+ M8, Total length 230.00,  
Gear type GR, Clutch type Dry,  
Mount. holes 2 (0)

A: 95.00 B: 11.50 mm



9,11


**112291** Starter 12 V, 0.9 kW

Replacing: S114-655D, S114-655A, S114-655

Servicing: Yanmar

 B+ M8, Total length 206.30,  
Gear type DD, Clutch type Dry,  
Mount. holes 2 (0)

A: 94.50 B: 20.50 mm



9


**112296** Starter 12 V, 1.0 kW

Replacing: S114-194, S114-134

Servicing: Yanmar

 B+ M8, Gear type DD/GR,  
Mount. holes 2 (0), Oil sealed

A: 82.00 B: 7.00 mm



13


**112320** Starter 12 V, 1.4 kW

 Replacing: S114-925C, S114-925B, S114-925A,  
S114-925, S114-869, S114-829D, S114-829C,  
S114-829B, S114-829A

Servicing: Opel, Vauxhall

 B+ M8, Total length 194.00,  
Gear type GR, Mount. holes 2 (1)

A: 77.90 B: 19.50 mm



9


**112365** Starter 12 V, 2.2 kW

 Replacing: S13-327A, S13-326, S13-322, S13-  
126A, S13-126, S13-122

Servicing: Nissan

 B+ M8, Total length 224.00,  
Gear type GR, Clutch type Wet,  
Mount. holes 2 (0)

A: 95.00 B: 10.50 mm



9


**112371** Starter 12 V, 2.2 kW

Replacing: S13-207C, S13-207A, S13-207

Servicing: Thermo King, Yanmar

 B+ M8, Total length 226.00, Gear type GR,  
Clutch type Dry, Mount. holes 2 (0)

A: 95.00 B: 21.50 mm



8


**112373** Starter 12 V, 0.9 kW

 Replacing: S114-816A, S114-816, S114-653B,  
S114-653A, S114-653, S114-443A, S114-443

Servicing: Yanmar

 B+ M8, Total length 192.00,  
Gear type DD, Clutch type Wet,  
Mount. holes 2 (0)

A: 80.00 B: 13.60 mm



15


**112374** Starter 12 V, 2.5 kW

 Replacing: S13-94A, S13-94, S13-78, S13-41D,  
S13-41C, S13-41B, S13-41A, S13-41, S13-332,  
S13-294, S13-132

Servicing: Yanmar

 B+ M8, Total length 240.50, Gear type GR,  
Clutch type Dry, Mount. holes 2 (0)

A: 95.00 B: 21.40 mm



8,10


**112382** Starter 12 V, 0.8 kW

 Replacing: S114-949A, S114-949, S114-903A,  
S114-903

Servicing: Fiat, Lancia

 B+ M8, Total length 191.00,  
Gear type DD, Clutch type Dry,  
Mount. holes 3 (1)

A: 64.50 B: 10.50 mm



**112478** Starter 12 V, 0.8 kW  
 Replacing: S114-651A, S114-651, S114-414A, S114-414  
 Servicing: Yanmar  
 B+ M8, Total length 192.00,  
 Gear type DD, Clutch type Wet,  
 Mount. holes 2 (0)  
 A: 66.00 B: 16.00 mm



**112659** Starter 12 V, 1.0 kW  
 Replacing: S114-662, S114-213A, S114-213  
 Servicing: Bobcat, Subaru  
 B+ M8, Total length 218.00,  
 Gear type DD, Clutch type Wet,  
 Mount. holes 2 (0)  
 A: 62.00 B: 22.00 mm



**112672** Starter 12 V, 3.0 kW  
 Replacing: S13-138A, S13-138  
 Servicing: Yanmar  
 B+ M8, Total length 292.00,  
 Gear type GR, Clutch type Wet,  
 Mount. holes 2 (0)  
 A: 94.45 B: 20.00 mm



**112674** Starter 12 V, 1.3 kW  
 Replacing: S114-230A, S114-230, S114-203  
 Servicing: Yanmar  
 B+ M8, Total length 208.00,  
 Gear type DD, Clutch type Wet,  
 Mount. holes 2 (0)  
 A: 89.00 B: 24.00 mm



**112676** Starter 12 V, 2.2 kW  
 Replacing: S13-404, S13-204  
 Servicing: Komatsu, Yanmar  
 B+ M8, Total length 233.00,  
 Gear type GR, Clutch type Wet,  
 Mount. holes 2 (0)  
 A: 95.00 B: 20.40 mm



**112986** Starter 12 V, 1.4 kW  
 Replacing: S114-753C, S114-753B, S114-753A, S114-753  
 Servicing: Acura, Isuzu  
 B+ M8, Total length 197.00,  
 Gear type DD, Clutch type Wet,  
 Mount. holes 2 (0)  
 B: 12.00 mm



**113191** Starter 24 V, 3.5 kW  
 Replacing: S25-160, S25-158B, S25-158A, S25-158, 23300-6J04, 23300-6J02  
 Servicing: Nissan  
 B+ M8, Total length 301.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 104.90 B: 10.50 mm



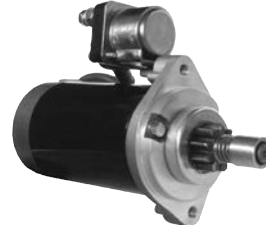
**113210** Starter 24 V, 3.2 kW  
 Replacing: S25-303A, S25-303, S25-302, S25-125B, S25-125A, S25-125, S24-01D, S24-01C, S24-01B, S24-01  
 Servicing: Nissan  
 B+ M8, Total length 240.00,  
 Gear type DD/GR, Mount. holes 3 (0)  
 A: 105.00 B: 11.00 mm



**113276** Starter 12 V, 1.1 kW  
 Replacing: S114-907A, S114-907  
 Servicing: Fiat, Opel, Saab, Vauxhall  
 B+ M8, Total length 214.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 67.90 B: 18.00 mm



**113408** Starter 12 V, 1.4 kW  
 Replacing: S12-47, S114-817A, S114-817, S114-815A, S114-815  
 Servicing: Yanmar  
 B+ M8, Total length 193.00,  
 Gear type GR, Mount. holes 2 (0) HC-CARGO 114281 = 1.7kw  
 A: 94.85 B: 19.50 mm



**113526** Starter 12 V, 0.5 kW  
 Replacing: 31100-W0100  
 Servicing: Kohler, Various Industrial applications  
 B+ M6, Total length 193.50,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 2 (2)  
 A: 66.85 B: 32.00 mm



**113661<sup>#</sup>** Starter 12 V, 0.8 kW  
 Replacing: S114-613A, S114-613  
 Servicing: Yanmar  
 B+ M8, Total length 190.00,  
 Gear type DD, Clutch type Wet,  
 Mount. holes 2 (0)  
 A: 80.00 B: 12.00 mm



**113675** Starter 24 V, 4.0 kW

Replacing: S25-505G, S25-505E, S25-505C, S25-505A, S25-505, S25-501B, S25-501A, S25-501, S25-171, S25-168A

Servicing: Isuzu, Nissan

B+ M8, Total length 235.50,  
Gear type GR, Clutch type Dry,  
Mount. holes 2 (0)

A: 92.00 B: 44.10 mm



**113680** Starter 12 V, 0.9 kW

Replacing: S114-656A, S114-656

Servicing: Yanmar

B+ M8, Total length 189.00,  
Gear type GR, Mount. holes 2 (0)

A: 88.70 B: 16.00 mm



**113962** Starter 12 V, 0.9 kW

Replacing: S114-948, S114-947A, S114-947, S114-943A, S114-943, S114-938, S114-906, S114-905

Servicing: Alfa Romeo, Fiat, Ford, Lancia

B+ M8, Total length 169.60,  
Gear type DD/GR, Mount. holes 2 (1)

A: 64.10 B: 10.00 mm

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**113976\*** Starter 12 V, 1.4 kW

Replacing: S114-851A, S114-851

Servicing: Yanmar



**114032** Starter 12 V, 2.5 kW

Replacing: S13-559B, S13-559A, S13-556, S13-527B, S13-527A, S13-527

Servicing: Nissan, Opel, Renault, Renault V.I., Vauxhall

B+ M8, Total length 214.00,  
Gear type GR, Mount. holes 2 (0)

A: 95.00 B: 11.00 mm



**114098** Starter 12 V, 3.0 kW

Replacing: S13-160

Servicing: Gehl, Yanmar

B+ M8, 30h M8, Total length 256.30,  
Gear type GR, Mount. holes 2 (0)

A: 94.80 B: 20.70 mm



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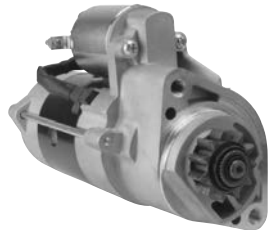
**114213\*** Starter 12 V, 2.0 kW

Replacing: S13-407A, S13-407

Servicing: Thermo King

Mount. holes 2 (0)

A: 95.00 B: 19.50 mm



**114232** Starter 12 V, 2.0 kW

Replacing: S14-413

Servicing: Nissan

B+ M8, Total length 233.00,  
Gear type GR, Mount. holes 2 (2)

A: 70.00 B: 31.00 mm



**114253** Starter 12 V, 2.0 kW

Replacing: S13-407A, S13-407

Servicing: Thermo King

B+ M8, Total length 213.00,  
Gear type GR, Mount. holes 2 (0)

A: 95.00 B: 21.30 mm



**114261** Starter 12 V, 1.0 kW

Replacing: S114-221J, S114-221H, S114-221G, S114-221F, S114-221E, S114-221, S114-220

Servicing: Mercury

B+ M6, Total length 198.00,  
Gear type DD, Mount. holes 3 (3)

A: 66.50 B: 31.50 mm



**114281** Starter 12 V, 1.7 kW

Replacing: S114-883

Servicing: Case, New Holland, Yanmar

B+ M8, Total length 192.00,  
Gear type GR, Mount. holes 2 (0)

A: 95.00 B: 20.10 mm



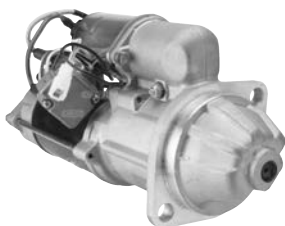
**114308** Starter 12 V, 1.4 kW

Replacing: S114-875

Servicing: Audi, VW

B+ M8, 15a Plug, Total length 235.00,  
Gear type GR, Mount. holes 2 (0)

B: 52.00 mm


**114378** Starter 24 V, 4.5 kW

Replacing: S25-177B

Servicing: Isuzu

B+ M8, Total length 235.00,

Gear type GR, Mount. holes 2 (0)

A: 95.00 B: 18.00 mm


**114401** Starter 12 V, 1.2 kW

Replacing: S114-821A, S114-821

Servicing: John Deere

B+ M8, Total length 193.00,

Gear type GR, Mount. holes 2 (2)

A: 70.00 B: 25.00 mm


**114422** Starter 24 V, 6.0 kW

Replacing: S210-100

Servicing: Nissan

B+ M10, Total length 324.50,

Mount. holes 3 (0)

A: 122.00 B: 41.00 mm



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**114482\*** Starter 12 V

Replacing: S14-412D, S14-412C, S14-412

Mount. holes 2 (0)


**114526** Starter 12 V, 2.0 kW

Replacing: S14-410F, S14-410E, S14-410

Servicing: Renault, Saab

B+ M8, Total length 214.00,

Gear type GR, Mount. holes 3 (0), Not

Insulated return

B: 41.50 mm


**114675** Starter 12 V, 0.6 kW

Replacing: S108-80B, S108-80A, S108-80

Servicing: Mercury

B+ M6, Total length 204.00,

Gear type DD, Mount. holes 2 (2)

A: 67.00 B: 32.00 mm


**114687** Starter 12 V

Replacing: S114-682

Servicing: Yamaha

B+ M8, Total length 220.00,

Mount. holes 2 (2)

A: 67.00 B: 31.50 mm


**114763** Starter 12 V, 1.4 kW

Replacing: S114-844A, S114-844

Servicing: Nissan

B+ M8, Total length 206.00,

Gear type GR, Mount. holes 4 (2)

A: 75.00 B: 61.00 mm


**114764** Starter 12 V, 2.5 kW

Replacing: S13-551C, S13-551A, S13-551

Servicing: Nissan

B+ M8, Total length 215.00,

Gear type GR, Mount. holes 2 (0)

A: 82.50 B: 11.00 mm



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**114874\*** Starter 12 V, 3.0 kW

Replacing: S14-102

Gear type GR, Mount. holes 2 (0)



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**115341\*** Starter 12 V, 1.0 kW

Replacing: S114-922, S114-902B, S114-902A, S114-902

Servicing: Nissan, Renault

Gear type GR, Mount. holes 2 (0)



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**115361\*** Starter 12 V, 1.0 kW

Replacing: S114-901B, S114-901A, S114-901

Servicing: Nissan

Gear type GR, Mount. holes 4 (4)


**110160** Starter 12 V, 1.2 kW

Replacing: AZE2545, 11.130.777

Servicing: Volvo

B+ M8, Total length 232.25,

Gear type DD, Mount. holes 2 (2)

A: 82.45 B: 35.00 mm


**110205** Starter 24 V, 6.5 kW

Replacing: AZK5187, 11.139.028

Servicing: Volvo

B+ M12, Total length 407.00,

Gear type DD, Mount. holes 3 (0),

Waterproof

A: 89.00 B: 47.50 mm


**110206** Starter 24 V, 5.4 kW

Replacing: AZK5545, AZK5401, 11.139.506, 11.130.041

Servicing: Claas, Fiat-Allis, Kössbohrer, MAN, Mercedes-Benz, Neoplan, Setra

B+ M12, B- M10, Total length 390.00,

Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 47.50 mm


**110207** Starter 24 V, 5.4 kW

Replacing: 11.139.106

Servicing: Volvo, Volvo BM

B+ M10, B- M10, Total length 387.00,

Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.00 mm


**110210** Starter 24 V, 6.6 kW

Replacing: AZK5191, 11.139.032

Servicing: Fiat-Allis, Kössbohrer, MAN, Mercedes-Benz, Mitsubishi, Neoplan, Ssangyong

B+ M12, B- M10, Total length 407.00,

Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 48.50 mm


**110212** Starter 24 V, 6.6 kW

Replacing: AZK5172, 11.139.012

Servicing: Iveco, Scania

B+ M12, B- M10, Total length 407.00,

Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 47.65 mm


**110213** Starter 24 V, 6.6 kW

Replacing: AZK5179, 11.139.020

Servicing: Fiat, Iveco

B+ M12, B- M10, Total length 407.00,

Gear type DD, Mount. holes 3 (0)

A: 115.00 B: 20.80 mm


**110338** Starter 12 V, 0.8 kW

Replacing: AZE1520, AZE1501, AZE1211, AZE0201, AZB0101, 11.130.964, 11.130.519, 11.130.321

Servicing: Fiat, Lancia, Zastava

B+ M8, Total length 254.00,

Gear type DD, Mount. holes 3 (3)

A: 66.90 B: 12.00 mm


**110351#** Starter 12 V, 1.3 kW

Replacing: AZF3555, AZE2512, 11.130.593, 11.130.505

Servicing: Lada

B+ M8, Total length 245.00,

Gear type DD, Mount. holes 3 (0)bv

A: 83.00 B: 34.00 mm


**110365** Starter 12 V, 0.8 kW

Replacing: AZE3514, AZE1528, AZE1516, AZE1214, 11.130.967, 11.130.586, 11.130.487, 11.130.219

Servicing: Autobianchi, Fiat, Lancia, Seat

B+ M8, Total length 236.50,

Gear type DD, Mount. holes 3 (3)

A: 62.00 B: 12.50 mm


**110367** Starter 12 V, 1.0 kW

Replacing: AZF3509, AZE3517, AZE3512, AZE3506, 11.130.362, 11.130.234, 11.130.217, 11.130.193, 11.130.162

Servicing: Dacia, DAF, Renault, Volvo

B+ M8, Total length 200.00,

Gear type DD, Mount. holes 3 (0)

A: 66.00 B: 10.50 mm


**110368** Starter 12 V, 2.3 kW

Replacing: AZJ3567, AZJ3312, AZJ3311, AZJ3107, 11.130.886, 11.130.885, 11.130.399, 11.130.300

Servicing: Audi, Mercedes-Benz, Volvo

B+ M10, Total length 289.00,

Gear type DD, Mount. holes 2 (2)

A: 82.50 B: 21.00 mm


**110409** Starter 12 V, 3.0 kW

Replacing: AZK5487, 11.139.140  
 Servicing: Kaelble, Mack, Sennebogen  
 B+ M10, Total length 384.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 47.00 mm


**110439** Starter 12 V, 2.0 kW

Replacing: AZK5111, AZJ3544, AZJ3531,  
 AZJ3248, AZJ3114, AZJ0404, 11.130.711,  
 11.130.408, 11.130.194  
 Servicing: Buhner, Compair, Eicher, Massey  
 Ferguson  
 B+ M8, Total length 309.50,  
 Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 25.00 mm


**110442** Starter 12 V, 2.1 kW

Replacing: AZJ3447, 11.131.635  
 Servicing: Balkancar, Conveyancer, Massey  
 Ferguson, Matbro  
 B+ M8, Total length 309.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 88.90 B: 30.00 mm


**110449** Starter 12 V, 3.6 kW

Replacing: AZK5133, 11.139.038, 11.130.320  
 Servicing: Caterpillar, Dronningborg, Hyster,  
 Massey Ferguson, Perkins  
 B+ M8, Total length 370.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 88.90 B: 48.75 mm


**110461** Starter 12 V, 2.8 kW

Replacing: AZJ3279, 11.130.769  
 Servicing: Ford, Lancer Boss, Various  
 Agriculture Vehicles  
 B+ M8, 30h M5, Total length 272.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 21.00 mm


**110462** Starter 12 V, 2.8 kW

Replacing: AZJ3198, AZJ3182, 11.130.624,  
 11.130.579  
 Servicing: Buhner, Ford, Matbro, New Holland  
 B+ M8, Total length 319.45,  
 Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 20.00 mm


**110464** Starter 12 V, 2.1 kW

Replacing: AZJ3324, 11.130.795  
 Servicing: Carbodyes, DAF, Lancer Boss,  
 Various Agriculture Vehicles  
 B+ M8, Total length 336.50,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 29.50 mm


**110511**<sup>#</sup> Starter 24 V, 4.0 kW

Replacing: AZK5539, 11.139.156  
 Servicing: Fortschritt, IFA  
 B+ M10, Total length 378.50,  
 Gear type DD  
 A: 75.00 B: 37.00 mm


**110512** Starter 24 V, 5.4 kW

Replacing: AZK5412, AZK5194, AZK5104,  
 11.139.052, 11.139.035, 11.130.115,  
 10.130.123  
 Servicing: Ahlmann, Irmer, Mercedes-Benz,  
 Various Agriculture Vehicles  
 B+ M10, Total length 384.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 48.00 mm


**110517** Starter 24 V, 3.2 kW

Replacing: AZJ3542, AZJ3520, 11.130.216,  
 11.130.146  
 Servicing: Benfra, Fiat-Allis, Iveco  
 B+ M10, Total length 295.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 110.00 B: 27.00 mm


**110518** Starter 24 V, 4.0 kW

Replacing: AZJ3515, AZJ3460, AZJ3131,  
 11.139.454, 11.130.490, 11.130.124  
 Servicing: Benfra, Fiat, Fiat-Allis, Iveco  
 B+ M10, Total length 342.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 110.00 B: 27.00 mm


**110519** Starter 12 V, 3.0 kW

Replacing: AZJ3299, 11.130.862  
 Servicing: Iveco, Volvo  
 B+ M10, Total length 340.50,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 48.00 mm


**110520** Starter 24 V, 4.0 kW

Replacing: AZK5119, AZJ3593, 11.130.364, 11.130.170, 11.130.121

Servicing: Cummins, Fiat-Allis

 B+ M10, Total length 343.00,  
Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.50 mm


**110521** Starter 24 V, 4.0 kW

Replacing: AZJ3546, AZJ3459, AZJ3133, AZF3542, 11.139.453, 11.130.492, 11.130.225

Servicing: Benfra, Fiat, Fiat-Allis, Iveco

 B+ M10, Total length 343.00,  
Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 27.00 mm


**110522** Starter 12 V, 3.0 kW

Replacing: AZJ3594, AZJ3461, AZJ3237, 11.139.455, 11.130.697, 11.130.366

Servicing: Fiat, Fiat-Allis, Iveco, New Holland

 B+ M10, Total length 341.00,  
Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 26.50 mm


**110523** Starter 24 V, 4.8 kW

Replacing: AZJ3518, AZJ3132, 11.130.491, 11.130.172, 11.130.141, 11.130.075

Servicing: ABG, Ahlmann, Case, Compair, Iveco, KHD, Payloader

 B+ M10, Gear type DD,  
Mount. holes 3 (0)

A: 89.00 B: 27.50 mm


**110524** Starter 24 V, 4.0 kW

Replacing: AZJ3589, AZJ3549, AZJ3113, AZJ0501, 11.130.407, 11.130.339, 11.130.230, 11.130.010

Servicing: Mercedes-Benz

 B+ M10, Total length 341.00,  
Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm


**110525** Starter 12 V, 3.0 kW

Replacing: AZJ3548, AZJ3118, 11.130.412, 11.130.229

Servicing: Claas, Mercedes-Benz

 B+ M10, Total length 341.00,  
Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm


**110527** Starter 24 V, 4.0 kW

Replacing: AZJ3263, 11.130.743

Servicing: Scania, Steyr

 B+ M10, Total length 342.00,  
Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 46.50 mm


**110529** Starter 12 V, 3.0 kW

Replacing: AZJ3582, AZJ3535, AZJ3517, AZJ3116, AZJ3110, 11.130.410, 11.130.403, 11.130.322, 11.130.199

Servicing: Agrifull, Benfra, Fiat, Fiat-Allis, Iveco

 B+ M10, Total length 340.50,  
Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 30.00 mm


**110530** Starter 12 V, 3.0 kW

Replacing: AZJ3556, AZJ3537, AZJ3503, AZJ3149, 11.130.521, 11.130.253, 11.130.201, 11.130.083

Servicing: Huerlimann, Lamborghini, Same

 B+ M10, Total length 342.00,  
Gear type DD, Mount. holes 2 (0)

A: 82.00 B: 22.00 mm


**110535** Starter 24 V, 5.4 kW

Replacing: AZK5173, 11.139.013

Servicing: Iveco

 B+ M10, B- M10, Total length 384.00,  
Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.00 mm


**110536** Starter 12 V, 2.7 kW

Replacing: AZJ3508, AZJ3170, AZJ3169, AZJ3128, AZJ0402, 11.130.552, 11.130.551, 11.130.484, 11.130.117

Servicing: ABG, Atlas Copco, Bobcat, Bomag, Bosch, Case, Claas, Deutz-Fahr, Fendt, Irmer, Iveco, KHD, Kramer, Mercedes-Benz

 B+ M10, Total length 234.00,  
Gear type GR, Mount. holes 3 (0)

A: 89.00 B: 28.00 mm


**110537** Starter 12 V, 3.6 kW

Replacing: AZK5196, AZK5195, AZK5168, AZK5106, AZK5105, 11.139.037, 11.139.036, 11.139.008, 11.130.126

Servicing: Volvo BM

 B+ M10, B- M10, Total length 384.50,  
Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.00 mm


**110545** Starter 12 V, 3.0 kW

Replacing: AZJ3599, AZJ3525, AZJ3319, AZJ3234, AZJ3119, 11.130.897, 11.130.692, 11.130.414, 11.130.376

Servicing: Balkancar, Chang Feng (Liebao), Dronningborg, Sampo-Rosenlew, Ursus, Valtra, Zetor

B+ M10, Total length 335.00,  
Gear type DD, Mount. holes 3 (0)  
A: 89.00 B: 48.00 mm


**110551** Starter 12 V, 3.0 kW

Replacing: AZJ3285, 11.130.821

Servicing: Lamborghini, Same, Ursus, Zetor

B+ M10, Total length 326.50,  
Gear type DD, Mount. holes 3 (0)  
A: 89.00 B: 47.00 mm


**110565** Starter 12 V, 2.8 kW

Replacing: AZJ3598, AZJ3536, AZJ3330, AZJ3305, AZJ3203, AZJ3144, AZJ3121, AZJ3117, AZJ3105, AZJ0405, AZE4244

Servicing: Eicher, Massey Ferguson

B+ M8, Total length 313.00,  
Gear type DD, Mount. holes 3 (0)  
A: 89.00 B: 29.50 mm


**110584** Starter 12 V, 1.2 kW

Replacing: AZE1523, AZE1521, AZE1507, AZE1502, AZE1212, AZD3515, AZD2119, 11.139.404, 11.131.764, 11.130.965

Servicing: Citroen, Peugeot

B+ M8, Total length 210.00,  
Gear type GR, Mount. holes 3 (1)  
A: 66.00 B: -6.00 mm


**110585** Starter 12 V, 1.2 kW

Replacing: AZF3558, AZF3531, AZF3512, AZE1203, 11.130.790, 11.130.582, 11.130.346, 11.130.208

Servicing: Renault, Volvo

B+ M8, Total length 214.15,  
Gear type DD, Mount. holes 4 (4)  
A: 66.00 B: -2.00 mm


**110587** Starter 12 V, 1.2 kW

Replacing: AZF3551, AZF3528, AZF3515, 11.130.418, 11.130.338, 11.130.233

Servicing: Citroen, Peugeot

B+ M8, Total length 208.20,  
Gear type DD/GR, Clutch type Dry,  
Mount. holes 3 (3)  
A: 66.00 B: -4.00 mm


**110601** Starter 24 V, 5.4 kW

Replacing: AZK5193, AZK5117, AZK5113, 11.139.034, 11.130.005, 10.130.121

Servicing: Mercedes-Benz, Steyr

B+ M10, Total length 384.25,  
Gear type DD, Mount. holes 3 (0)  
A: 88.85 B: 47.50 mm


**110608** Starter 12 V, 0.5 kW

Replacing: 11.130.002

Servicing: Fiat

B+ M8, Total length 233.75,  
Gear type DD, Clutch type Dry,  
Mount. holes 3 (0)  
A: 61.90 B: 7.70 mm


**110615** Starter 12 V, 2.8 kW

Replacing: AZJ3369, AZJ3151, 11.131.070, 11.130.526

Servicing: Agco Allis, Agco White, Allis Chalmers, Atlas Copco, JCB, Massey Ferguson, Perkins

B+ M8, Total length 312.25,  
Gear type DD, Mount. holes 3 (0)  
A: 89.00 B: 28.60 mm


**110640** Starter 12 V, 3.0 kW

Replacing: AZJ3534, AZJ3516, AZJ3115, 11.130.409, 11.130.198, 11.130.127

Servicing: Allis Chalmers, Fiat, Fiat-Allis, Long

B+ M10, Total length 310.00,  
Gear type DD, Mount. holes 3 (0)  
A: 110.00 B: 26.00 mm


**110793** Starter 12 V, 0.9 kW

Replacing: AZF3543, AZF3518, 11.130.375, 11.130.245

Servicing: Citroen, Fiat, Peugeot

B+ M8, Total length 221.00,  
Gear type DD, Mount. holes 2 (2)  
A: 66.00 B: 22.00 mm


**110807** Starter 12 V, 0.85 kW

Replacing: AZE1540, 11.130.809

Servicing: Ford, Kia, Mazda, Opel

B+ M8, Total length 197.25,  
Gear type DD, Mount. holes 2 (0)  
A: 70.00 B: 20.50 mm





9


**110813** Starter 12 V, 2.7 kW

Replacing: AZJ3538, AZJ3458, AZE6531, 11.139.452, 11.131.603, 11.130.203

Servicing: Agrifull, Allis Chalmers, Benfra, Fiat, Fiat-Allis, Goldoni, Iveco

B+ M10, Total length 294.00, Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 27.00 mm



9


**110814** Starter 12 V, 2.7 kW

Replacing: AZJ3514, AZJ3137, 11.130.500, 11.130.123

Servicing: Alfa Romeo, Benfra, Fiat, Iveco, Lancia, Massey Ferguson, Renault

B+ M10, Total length 296.50, Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 26.80 mm



11


**110818** Starter 12 V, 2.1 kW

Replacing: AZJ3347, AZJ3204, 11.130.972, 11.130.630

Servicing: Case, Fiat-Allis, Massey Ferguson

B+ M8, 15a 6.30, Total length 309.00, Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 24.60 mm



10


**110819** Starter 12 V, 2.8 kW

Replacing: AZJ3389, AZJ3206, AZJ3148, 11.131.162, 11.130.632, 11.130.520

Servicing: Eicher, Massey Ferguson, Perkins

B+ M8, Total length 311.00, Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 23.00 mm



9,10


**110839** Starter 12 V, 1.7 kW

Replacing: AZE2507, 11.130.558

Servicing: Opel, Vauxhall

B+ M8, Total length 269.50, Gear type GR, Mount. holes 2 (1)

A: 82.00 B: 19.60 mm



9


**110847** Starter 12 V, 1.4 kW

Replacing: AZE2525, 11.130.651

Servicing: Ford, Opel, Saab, Toyota, Vauxhall

B+ M8, Total length 242.50, Gear type GR, Mount. holes 2 (1)

A: 82.50 B: 19.00 mm



9

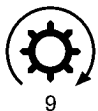

**110856** Starter 12 V, 0.6 kW

Replacing: AZE0303, 11.130.134, 11.130.034

Servicing: Renault

B+ M8, Total length 208.50, Gear type DD, Clutch type Dry, Mount. holes 2 (0)

A: 66.00 B: 21.00 mm



9


**110866** Starter 12 V, 0.9 kW

Replacing: AZF3545, 11.130.378, 11.103.234

Servicing: Renault

B+ M8, Total length 197.65, Gear type DD, Clutch type Dry, Mount. holes 3 (2)

A: 66.00 B: 10.50 mm



10


**110867** Starter 12 V, 1.7 kW

Replacing: AZE2523, 11.130.647

Servicing: Ford, Mazda

B+ M8, Total length 265.00, Gear type GR, Mount. holes 3 (3)

A: 76.00 B: 14.25 mm



12


**110980** Starter 24 V, 5.4 kW

Replacing: AZK5188, 11.139.029

Servicing: Volvo

B+ M10, B- M10, Total length 387.00, Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 47.00 mm



11


**110981** Starter 24 V, 5.4 kW

Replacing: AZK5553, AZK5184, 11.139.514, 11.139.025

Servicing: DAF

B+ M12, B- M10, Total length 387.00, Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 47.50 mm



9,11


**111001** Starter 12 V, 3.0 kW

Replacing: AZJ3557, AZJ3320, AZF4220, 11.131.829, 11.130.898, 11.130.254

Servicing: Lamborghini, Same, Steyr

B+ M10, Total length 340.00, Gear type DD, Mount. holes 2 (0)

A: 82.00 B: 21.60 mm


**111015** Starter 12 V, 1.1 kW

 Replacing: AZD2127, 11.131.928  
 Servicing: Lombardini, Various Agriculture Vehicles

 B+ M8, Total length 216.25,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 2 (0)

A: 76.00 B: 15.00 mm


**111025** Starter 12 V, 0.8 kW

 Replacing: AZE1531, AZE1215, 11.130.968,  
 11.130.661

Servicing: Autobianchi, Fiat, Lancia

 B+ M8, Total length 199.25,  
 Gear type DD, Mount. holes 3 (2)

A: 64.00 B: 11.00 mm


**111029** Starter 12 V, 1.4 kW

Replacing: AZE2548, 11.130.787

Servicing: Citroen, Nissan, Peugeot, Rover

 B+ M8, Total length 207.00,  
 Gear type GR, Mount. holes 3 (1)

A: 62.00 B: -5.00 mm


**111047** Starter 12 V, 3.1 kW

Replacing: AZJ3333, 11.130.811

Servicing: Volvo, Volvo Penta

 B+ M8, Total length 302.75,  
 Gear type GR, Mount. holes 3 (0),  
 Insulated return

A: 88.85 B: 47.70 mm


**111055** Starter 12 V, 0.7 kW

 Replacing: AZE1526, AZE1522, AZE1213,  
 AZD3508, 11.130.966, 11.130.580,  
 11.130.544, 11.130.266

Servicing: Opel, Pontiac, Vauxhall

 B+ M8, 15a 6.30, Total length 229.50,  
 Gear type DD, Mount. holes 2 (0)

A: 67.95 B: 18.25 mm


**111056#** Starter 12 V, 0.8 kW

Replacing: AZF3534, 11.130.352

Servicing: Opel, Vauxhall

 B+ M8, Total length 243.50,  
 Gear type DD, Mount. holes 2 (1)

A: 82.40 B: 17.00 mm


**111058** Starter 12 V, 0.8 kW

Replacing: AZF3524

Servicing: Audi, Seat, VW

 B+ M8, 15a 6.30, Total length 215.50,  
 Gear type DD, Mount. holes 3 (2)

Bushing d.e. (clutch house): HC-CARGO 140500.

A: 82.35 B: 14.75 mm


**111059** Starter 12 V, 0.9 kW

Replacing: AZD3520, 11.139.418

Servicing: Seat, VW

 B+ M8, 15a 6.30, Total length 230.00,  
 Gear type DD/GR, Clutch type Dry,  
 Mount. holes 3 (0)

 Bushing D.E. (clutch house): HC-CARGO  
 140008.

A: 76.00 B: 33.00 mm


**111060** Starter 12 V, 1.7 kW

Replacing: AZE2536, 11.130.722

Servicing: VW

 B+ M8, Total length 264.35,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 3 (0)

 Bushing D.E. (clutch house): HC-CARGO  
 140018.

A: 76.00 B: 31.80 mm


**111064** Starter 12 V, 1.05 kW

 Replacing: AZF3559, AZF3517, AZE3559,  
 11.130.590, 11.130.244

Servicing: Renault, Volvo

 B+ M8, Total length 207.00,  
 Gear type DD, Mount. holes 3 (3)

A: 65.90 B: 11.00 mm


**111065** Starter 12 V, 2.2 kW

Replacing: AZE4527, 11.139.305

 Servicing: Daewoo, Mercedes-Benz,  
 Ssangyong

 B+ M8, Total length 276.00,  
 Gear type GR, Mount. holes 2 (2)

A: 82.30 B: 26.50 mm


**111068** Starter 12 V, 0.85 kW

 Replacing: AZF3549, AZE3513, AZE0304,  
 11.130.395, 11.130.218, 11.130.029

Servicing: Citroen, Peugeot, Talbot

 B+ M8, Total length 212.25,  
 Gear type DD, Mount. holes 3 (3)

A: 65.85 B: 15.65 mm


**111069** Starter 12 V, 1.7 kW

Replacing: AZE2577, AZE2540, 11.130.910, 11.130.772

Servicing: VW

 B+ M8, Total length 290.00,  
Gear type GR, Mount. holes 2 (0)

A: 82.40 B: 42.50 mm



10,11,12,13


**111070** Starter 12 V, 1.7 kW

Replacing: AZE3521, AZE2521, 11.130.642

 Servicing: Citroen, Fiat, Hyundai, Lancia,  
Peugeot, Suzuki, Talbot

 B+ M8, Total length 230.00,  
Gear type GR, Mount. holes 3 (3)

A: 66.00 B: -6.50 mm



9


**111100** Starter 12 V, 0.7 kW

 Replacing: ZB4-12/06-9, AZE0305,  
11.130.007, 10.130.172

Servicing: Citroen

 B+ M8, Total length 207.75,  
Gear type DD, Mount. holes 2 (0)

A: 65.60 B: 19.80 mm



9,10


**111123** Starter 12 V, 0.9 kW

 Replacing: AZE1515, AZE1216, AZD2108,  
11.131.622, 11.130.969

 Servicing: Chevrolet, Daewoo, Fiat,  
Mercedes-Benz, Opel, Vauxhall

 B+ M8, Total length 208.00,  
Gear type GR, Mount. holes 2 (0)

A: 67.95 B: 18.55 mm



9,10,11


**111130** Starter 12 V, 1.1 kW

Replacing: AZD3513, 11.139.402

Servicing: Citroen, Fiat, Lancia, Peugeot

 B+ M8, Total length 208.00,  
Gear type GR, Clutch type Wet,  
Mount. holes 3 (3)

A: 65.90 B: -5.00 mm



10


**111131** Starter 12 V, 0.8 kW

Replacing: AZE1210, 11.130.963, 11.130.483

Servicing: Austin, Ford, Mazda, Rover

 B+ M8, Total length 208.75,  
Gear type DD, Mount. holes 3 (3)

A: 76.15 B: 13.45 mm



9


**111217** Starter 12 V, 3.0 kW

 Replacing: AZK5511, AZK5457, AZK5449,  
AZK5192, AZK5112, 11.139.108, 11.139.098,  
11.139.033, 11.130.142

Servicing: Volvo, Volvo BM

 B+ M10, B- M10, Total length 386.50,  
Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm



9


**111218** Starter 24 V, 5.4 kW

Replacing: AZK5431, 11.139.077

Servicing: Volvo Penta

 B+ M10, B- M10, Total length 388.00,  
Gear type DD, Mount. holes 3 (0),  
Insulated return

A: 89.00 B: 47.00 mm



10


**111224** Starter 12 V, 4.0 kW

 Replacing: AZJ3297, AZJ3215, 11.130.860,  
11.130.663

Servicing: John Deere

 B+ M10, Total length 402.50,  
Gear type GR, Mount. holes 3 (0), Oil  
sealed

Replacing: 37MT.

A: 88.90 B: 47.60 mm



9,11


**111228** Starter 12 V, 1.1 kW

Replacing: AZF3547, 11.130.392

Servicing: Fiat, Lancia

 B+ M8, Total length 219.00,  
Gear type DD, Clutch type Dry,  
Mount. holes 3 (3)

A: 64.00 B: 12.40 mm



12


**111231** Starter 24 V, 6.6 kW

Replacing: AZK5189, 184452, 11.139.030

Servicing: Renault V.I.

 B+ M10, B- M10, Total length 405.00,  
Gear type DD, Mount. holes 3 (0),  
Insulated return

A: 89.00 B: 40.25 mm



9,10


**111251** Starter 12 V, 1.1 kW

 Replacing: AZE1209, AZD3514, 11.139.403,  
11.130.956

Servicing: Dacia, Renault, Volvo

 B+ M8, Total length 208.20,  
Gear type GR, Mount. holes 4 (4)

A: 66.00 B: -2.00 mm


**111304** Starter 12 V, 1.9 kW

Replacing: AZJ3255, 11.130.732

Servicing: Sabb

 B+ M10, Total length 194.75,  
 Gear type DD, Mount. holes 2 (0)

A: 82.50 B: 20.70 mm


**111332** Starter 12 V, 2.7 kW

 Replacing: AZJ3244, AZJ3219, AZJ3218,  
 11.130.706, 11.130.670, 11.130.669

Servicing: Fendt, Renault Agriculture

 B+ M8, Total length 293.55,  
 Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 21.00 mm


**111398** Starter 12 V, 1.1 kW

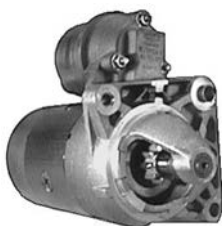
 Replacing: AZF3566, AZE2160, 11.131.285,  
 11.130.782

Servicing: BUKH

 B+ M8, Total length 215.00,  
 Gear type DD, Mount. holes 2 (0)

*Oe unit has an opening on opposite side.  
 111398 should be mounted "upside down" ( Solenoid downward )*

A: 82.00 B: 21.00 mm


**111422** Starter 12 V, 0.8 kW

 Replacing: AZE1511, AZE1202, 11.130.763,  
 11.130.421

Servicing: Fiat, Lancia

 B+ M8, Total length 206.00,  
 Gear type DD, Mount. holes 3 (1)

A: 64.00 B: 11.50 mm


**111461** Starter 12 V, 2.2 kW

Replacing: AZE4635, 11.139.413

Servicing: Dodge, Hyundai, Mitsubishi

 B+ M8, Total length 240.00,  
 Gear type GR, Mount. holes 2 (2)

A: 77.00 B: 3.50 mm


**111638** Starter 24 V, 4.0 kW

Replacing: AZJ3231, 11.130.687

Servicing: Volvo

 B+ M10, Gear type DD,  
 Mount. holes 3 (0)

A: 89.00 B: 47.70 mm


**111640** Starter 24 V, 4.0 kW

 Replacing: AZJ3393, AZJ3387, AZJ3160,  
 11.131.177, 11.131.143, 11.130.537

Servicing: MAN

 B+ M10, Total length 338.50,  
 Gear type DD, Mount. holes 3 (0)

A: 88.50 B: 28.00 mm


**111641** Starter 12 V, 0.7 kW

Replacing: AZE1225, 11.131.088

Servicing: Nissan, Renault

 B+ M8, Total length 195.50,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 2 (1)

A: 64.00 B: 0.50 mm


**111685** Starter 12 V, 1.4 kW

Replacing: AZE2204, 11.139.433

Servicing: Alfa Romeo, Fiat, Lancia

 B+ M8, Total length 211.80,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 3 (0)

A: 65.90 B: 10.80 mm


**111690** Starter 12 V, 1.1 kW

Replacing: AZD3517, 11.139.409

Servicing: Opel, Vauxhall

 B+ M8, Total length 193.50,  
 Gear type GR, Clutch type Wet,  
 Mount. holes 2 (1)

A: 78.00 B: 19.50 mm


**111693** Starter 12 V, 2.5 kW

Replacing: AZJ3156, 11.130.532

Servicing: Fiat, Iveco, Multicar

 B+ M10, Total length 295.65,  
 Gear type DD/GR, Clutch type Dry,  
 Mount. holes 3 (1)

A: 110.00 B: 21.65 mm


**111694** Starter 12 V, 1.8 kW

 Replacing: AZE2578, AZE2541, 11.130.911,  
 11.130.773

Servicing: Audi, Ferrari, Seat, Skoda, VW

 B+ M8, Total length 270.00,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 2 (2)

A: 82.50 B: 16.00 mm



**111748** Starter 12 V, 1.1 kW

Replacing: AZE2563, AZD3519, 11.139.415, 11.130.854  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 B+ M8, Total length 223.00,  
 Gear type GR, Mount. holes 3 (0)  
 Bushing D.E. (clutch house): HC-CARGO 140018.  
 A: 76.00 B: 33.00 mm



**111749** Starter 12 V, 1.1 kW

Replacing: AZE2543, AZE2185, 11.139.416, 11.130.775  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 B+ M8, Total length 245.00,  
 Gear type GR, Mount. holes 2 (0)  
 Bushing D.E. (clutch house): HC-CARGO 140018.  
 A: 76.00 B: 52.00 mm



**111752** Starter 12 V, 2.7 kW

Replacing: AZJ3314, AZJ3242, 11.130.889, 11.130.704  
 Servicing: Case, Payloader  
 B+ M10, Total length 342.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 47.00 mm



**111755** Starter 12 V, 3.0 kW

Replacing: AZJ3283, AZJ3274, AZJ3181, AZJ3158, AZJ3157, AZF4596, AZF4521, 11.131.374, 11.130.819, 11.130.793  
 Servicing: John Deere  
 B+ M10, Total length 342.00,  
 Gear type DD, Mount. holes 2 (0)  
 A: 82.00 B: 34.00 mm



**111771** Starter 24 V, 6.2 kW

Replacing: AZG4605, 11.131.016  
 Servicing: Mercedes-Benz  
 B+ M12, Total length 405.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 47.00 mm



**111793** Starter 12 V, 3.0 kW

Replacing: 11.131.065  
 Servicing: Caterpillar, Mercedes-Benz, Volvo  
 B+ M10, Total length 342.00,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 3 (0)  
 A: 88.80 B: 28.50 mm



**111805** Starter 12 V, 2.5 kW

Replacing: AZE4634, 11.139.406  
 Servicing: Ford, Nissan  
 B+ M8, Total length 228.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 95.00 B: 11.50 mm



**111848** Starter 12 V, 1.0 kW

Replacing: AZE2113, 11.131.010  
 Servicing: Chevrolet, Citroen, Daewoo, Holden, Isuzu, Opel, Peugeot, Vauxhall  
 B+ M8, Total length 215.50,  
 Gear type GR, Mount. holes 2 (1)  
 A: 82.50 B: 19.00 mm



**111851** Starter 12 V, 2.0 kW

Replacing: AZE2206, 11.139.435  
 Servicing: Mercedes-Benz  
 B+ M8, Total length 240.00,  
 Gear type GR, Mount. holes 2 (2)  
 A: 82.50 B: 25.50 mm



**111855** Starter 12 V, 2.2 kW

Replacing: AZE4535, AZE4202, 11.131.951, 11.131.109  
 Servicing: KHD, Various Agriculture Vehicles  
 B+ M8, Total length 267.00,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 2 (0)  
 A: 82.50 B: 23.00 mm



**111865** Starter 12 V, 1.7 kW

Replacing: AZE2201, 11.139.432  
 Servicing: Lancia, Land Rover  
 B+ M8, Total length 268.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 73.00 B: 39.00 mm



**111885** Starter 12 V, 3.1 kW

Replacing: AZJ3236, AZJ3216, 11.130.695, 11.130.664  
 Servicing: Case  
 B+ M10, Total length 332.50,  
 Gear type DD, Mount. holes 3 (0)  
 Oil and waterproof.  
 A: 89.00 B: 48.00 mm



10,11


**111900** Starter 12 V, 1.8 kW

Replacing: AZE2624, 11.131.055

Servicing: Audi, Ford, Seat, Skoda, VW

B+ M8, Total length 235.00,

Gear type GR, Mount. holes 2 (0)

Alternative no.: 115503

A: 76.00 B: 53.00 mm



9


**111904** Starter 12 V, 1.8 kW

Replacing: AZE2665, 11.139.439

Servicing: Seat, VW

B+ M8, Total length 247.00,

Gear type GR, Mount. holes 2 (0)

A: 66.00 B: 46.70 mm



9


**111909** Starter 12 V, 1.1 kW

Replacing: AZE2623, 11.131.054

Servicing: Audi, Ford, Seat, Skoda, VW

B+ M8, Total length 212.00,

Gear type GR, Mount. holes 3 (0)

Alternative no.: 115504

A: 76.25 B: 32.00 mm



11


**111910** Starter 24 V, 6.7 kW

Replacing: AZJ3450, 11.139.164

Servicing: Scania

B+ M12, 30h M12, Total length 429.00,

Gear type DD, Clutch type Dry,

Mount. holes 3 (0), Not Insulated return

A: 92.00 B: 47.00 mm



9,11


**111982** Starter 24 V, 4.0 kW

Replacing: AZF4507, 11.130.728

Servicing: Mercedes-Benz

B+ M10, Total length 317.50,

Gear type GR, Mount. holes 3 (0)

A: 88.75 B: 45.00-49.00 mm



9


**111996** Starter 12 V, 2.2 kW

Replacing: AZE4144, 11.139.445

Servicing: Iveco

B+ M8, Total length 274.00,

Gear type GR, Mount. holes 3 (1)

A: 110.00 B: 26.00 mm



10


**112005** Starter 12 V, 1.1 kW

Replacing: AZE2634, 11.131.137

Servicing: Audi, Seat, Skoda, VW

B+ M8, Total length 211.50,

Gear type GR, Clutch type Wet,

Mount. holes 2 (0)

A: 76.00 B: 52.00 mm



9,10


**112034** Starter 12 V, 1.7 kW

Replacing: AZE2636, 11.131.157

Servicing: ACME, Arona, BCS, Ferrari,

Goldoni, Hatz, Lombardini, Mosa, Ruggerini

B+ M8, Total length 233.30,

Gear type GR, Mount. holes 2 (0)

A: 76.00 B: 27.00 mm



9


**112039** Starter 12 V, 2.7 kW

Replacing: AZJ3192, 11.130.612

Servicing: Fendt, Jenbacher Werke, KHD,

Lombardini

B+ M10, Total length 295.00,

Gear type DD, Mount. holes 2 (0)

A: 82.50 B: 21.00 mm



11


**112041** Starter 12 V, 2.2 kW

Replacing: AZJ3177, 11.130.565

Servicing: KHD, Various Agriculture Vehicles

B+ M10, Total length 293.00,

Gear type DD, Clutch type Dry,

Mount. holes 3 (0)

A: 82.50 B: 21.00 mm



9,10,11


**112053** Starter 12 V, 2.2 kW

Replacing: AZE6514, AZE4112, 11.131.477

Servicing: Citroen, Peugeot

B+ M8, Total length 272.50,

Gear type GR, Clutch type Dry,

Mount. holes 3 (3)

A: 74.00 B: -6.00 mm



9


**112071** Starter 12 V, 3.0 kW

Replacing: AZF4514, AZF4197, AZF4194,

11.131.769, 11.131.754, 11.130.841

Servicing: Deutz-Fahr

B+ M10, Total length 315.80,

Gear type GR, Mount. holes 3 (0)

A: 89.00 B: 28.80 mm



**112074** Starter 12 V, 3.1 kW  
 Replacing: AZJ3201, 11.131.705, 11.130.627  
 Servicing: Ford, New Holland  
 B+ M8, Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 21.00 mm



**112116** Starter 24 V, 6.6 kW  
 Replacing: AZK5456, 11.139.107  
 Servicing: Volvo  
 B+ M12, B- M12, Total length 407.00,  
 Gear type DD, Mount. holes 3 (0),  
 Insulated return  
 A: 92.00 B: 47.00 mm



**112119** Starter 24 V, 6.6 kW  
 Replacing: AZK5181, 11.139.022  
 Servicing: Scania  
 B+ M10, B- M10, Total length 406.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 37.00 mm



**112131** Starter 12 V, 1.4 kW  
 Replacing: AZE2558, 11.130.845  
 Servicing: VW  
 B+ M8, 15a 6.30, Total length 244.00,  
 Gear type GR, Mount. holes 2 (0)  
 Bushing D.E. (clutch house): HC-CARGO  
 140018.  
 A: 76.00 B: 52.00 mm



**112132** Starter 24 V, 4.0 kW  
 Replacing: AZJ3277, 11.130.766  
 Servicing: Volvo BM  
 B+ M10, Total length 339.00, Gear type DD,  
 Mount. holes 3 (0), Oil sealed  
 A: 88.70 B: 47.00 mm



**112133#** Starter 12 V, 1.7 kW  
 Replacing: AZE2579, AZE2544, 11.130.912,  
 11.130.776  
 Servicing: Seat, VW  
 B+ M8, Total length 282.50,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 2 (0)  
 Bushing D.E. (clutch house): HC-CARGO 140018.  
 A: 76.00 B: 52.50 mm



**112135** Starter 12 V, 3.1 kW  
 Replacing: AZJ3317, AZJ3243, 11.130.895,  
 11.130.705  
 Servicing: Case  
 B+ M10, Total length 315.50,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 3 (0)  
 A: 88.80 B: 22.00 mm



**112136** Starter 12 V, 2.8 kW  
 Replacing: AZJ3318, 11.130.896  
 Servicing: Massey Ferguson  
 B+ M8, Total length 340.50,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 3 (0)  
 A: 88.75 B: 48.30 mm



**112171** Starter 12 V, 1.1 kW  
 Replacing: AZE2617, 11.131.002  
 Servicing: BCS, Bertolini, Ferrari, Goldoni,  
 Lombardini, Piaggio, Valpadana  
 B+ M8, Total length 220.00,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 2 (0)  
 A: 76.00 B: 28.00 mm



**112173** Starter 12 V, 2.7 kW  
 Replacing: AZJ3554, AZJ3258, 11.130.736,  
 11.130.250  
 Servicing: Bertolini, BMW, Hatz, VM  
 (Stabilimenti Mec)  
 B+ M10, Total length 342.50, Gear type DD,  
 Clutch type Dry, Mount. holes 2 (0)  
 A: 82.50 B: 20.00 mm



**112218** Starter 12 V, 1.0 kW  
 Replacing: AZE1244, 11.139.449  
 Servicing: Renault  
 B+ M8, Total length 168.25, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (3)  
 A: 60.45 B: -1.00 mm



**112249** Starter 12 V, 2.7 kW  
 Replacing: AZJ3197, AZJ3155, 11.130.620,  
 11.130.531  
 Servicing: Mercedes-Benz, Various  
 Agriculture Vehicles  
 B+ M10, Total length 295.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 82.50 B: 21.50 mm





**112251** Starter 12 V, 2.3 kW  
 Replacing: AZE4562, AZE4101, 11.139.410, 11.139.331  
 Servicing: Ford, LDV  
 B+ M8, Total length 258.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 91.90 B: 20.50 mm



**112267** Starter 12 V, 2.5 kW  
 Replacing: AZJ3217, 11.130.665  
 Servicing: Bobcat, Cummins, Ford  
 B+ M10, Total length 339.00,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 3 (0)  
 A: 89.00 B: 46.50 mm



**112286** Starter 12 V, 1.7 kW  
 Replacing: AZE2626, AZE2537, 11.131.057, 11.130.723  
 Servicing: Audi, Ford, Mercedes-Benz, Seat, Skoda, VW  
 B+ M8, Total length 236.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 76.10 B: 32.00 mm



**112290** Starter 12 V, 2.2 kW  
 Replacing: AZE4102, 11.139.411  
 Servicing: Ford, Mazda  
 B+ M8, Total length 264.00,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 3 (3)  
 A: 76.00 B: 15.00 mm



**112295** Starter 12 V, 1.7 kW  
 Replacing: AZE2522, 11.130.646  
 Servicing: Mitsubishi, Renault, Volvo  
 B+ M8, Total length 265.00,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 3 (3)  
 A: 66.00 B: -0.50 mm



**112304** Starter 12 V, 1.8 kW  
 Replacing: AZE2502, 11.130.417  
 Servicing: Lada  
 B+ M8, Total length 267.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 76.10 B: 35.00 mm



**112306** Starter 12 V, 1.1 kW  
 Replacing: AZE2640, 11.131.178  
 Servicing: VW  
 B+ M8, Total length 254.00,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 3 (0)  
 Bushing D.E. (clutch house): HC-CARGO 140018.  
 A: 76.00 B: 52.00 mm



**112307** Starter 12 V, 1.1 kW  
 Replacing: AZE2147, 11.139.327  
 Servicing: Seat, VW  
 B+ M8, Total length 234.00,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 4 (2)  
 Bushing D.E. (clutch house): HC-CARGO 140018.  
 A: 82.50 B: 2.00 mm



**112320** Starter 12 V, 1.4 kW  
 Replacing: AZE2169, AZE2150, 11.139.401, 11.139.334  
 Servicing: Opel, Vauxhall  
 B+ M8, Total length 194.00,  
 Gear type GR, Mount. holes 2 (1)  
 A: 77.90 B: 19.50 mm



**112379** Starter 12 V, 1.8 kW  
 Replacing: AZE2110, 11.130.996  
 Servicing: Fiat  
 B+ M8, Total length 221.35, Gear type GR,  
 Clutch type Wet, Mount. holes 3 (0)  
 CANNOT replace Bosch 0001109048 and 0001108204. The Bosch numbers have a new HC-CARGO reference HC-CARGOref<sup>®</sup> 114321  
 A: 82.00 B: 10.00 mm



**112390** Starter 12 V, 1.0 kW  
 Replacing: AZE1227, 11.131.100  
 Servicing: Lister  
 B+ M8, 15a 4.70, Total length 210.00,  
 Gear type DD, Clutch type Wet,  
 Mount. holes 3 (0)  
 A: 89.00 B: 27.00 mm



**112391<sup>#</sup>** Starter 12 V, 1.0 kW  
 Replacing: AZE1219, 11.131.042  
 Servicing: Lister  
 B+ M8, Total length 211.00,  
 Gear type DD, Clutch type Wet,  
 Mount. holes 3 (0)  
 A: 89.00 B: 26.90 mm




**112436** Starter 12 V, 2.3 kW

Replacing: AZE6513, 11.131.476  
 Servicing: Citroen, Fiat, Peugeot  
 B+ M8, Total length 273.00,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 3 (3)

A: 81.50 B: 21.50 mm


**112441** Starter 12 V, 2.3 kW

Replacing: AZE6526, 11.131.560  
 Servicing: Iveco, Renault V.I.  
 B+ M8, Total length 258.00,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 3 (3)

A: 81-84 mm

Alternative no.: 115505

A: 82.00 B: 27.00 mm


**112442** Starter 12 V, 3.0 kW

Replacing: AZJ3261, 11.130.739

Servicing: John Deere

B+ M10, Total length 315.00, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm


**112474** Starter 12 V, 1.8 kW

Replacing: AZE2188, 11.139.423

Servicing: Nissan, Opel, Renault, Suzuki,  
 Vauxhall, Volvo

B+ M8, Total length 238.00,  
 Gear type GR, Clutch type Wet,  
 Mount. holes 3 (2)

B: -2.00 mm


**112494** Starter 24 V, 4.0 kW

Replacing: AZF4515, AZF4198, 11.131.770,  
 11.130.842

Servicing: Volvo

B+ M10, Total length 316.00,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 3 (0)

A: 89.00 B: 29.00 mm


**112496** Starter 12 V, 2.0 kW

Replacing: AZE2141, AZE2105, 11.131.164,  
 11.130.979

Servicing: Farymann

B+ M8, Total length 269.00,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 3 (1)

A: 82.50 B: 14.50 mm


**112498** Starter 24 V, 4.0 kW

Replacing: AZF4237, 11.131.846

Servicing: Iveco

B+ M10, Total length 315.00,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 3 (0)

A: 88.75 B: 49.00 mm


**112534** Starter 12 V, 2.0 kW

Replacing: AZE2155, 11.131.267

Servicing: JCB, KHD, Perkins

B+ M8, Total length 239.00,  
 Gear type GR, Mount. holes 2 (0)

A: 74.00 B: 18.00 mm


**112545** Starter 12 V, 1.4 kW

Replacing: AZE2117, 11.131.052

Servicing: Lister

B+ M8, Total length 187.00,  
 Gear type GR, Clutch type Wet,  
 Mount. holes 2 (2)

A: 89.00 B: 27.00 mm


**112553** Starter 12 V, 1.7 kW

Replacing: AZE2210, 11.139.447

Servicing: Alpina, BMW

B+ M8, 30h M5, Total length 269.00,  
 Gear type GR, Mount. holes 2 (2)

A: 76.05 B: 21.50 mm


**112555** Starter 12 V, 3.1 kW

Replacing: AZJ3179, 11.130.567

Servicing: Bosch, Deutz-Fahr, Fendt, Irmer,  
 Jenbacher Werke, KHD, Kramer, Linde

B+ M10, Total length 303.00,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 3 (0)

A: 89.00 B: 28.50 mm


**112581** Starter 24 V, 6.2 kW

Replacing: AZJ3452, AZJ3448, 11.139.165,  
 11.139.163

Servicing: DAF

B+ M12, Total length 380.00,  
 Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 48.00 mm


**112651** Starter 24 V, 4.8 kW

Replacing: AZJ3221, AZJ0602, 11.130.672, 11.130.030, 11.130.003

Servicing: Bosch, KHD

 B+ M10, Total length 351.50,  
Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm


**112660** Starter 12 V, 2.8 kW

Replacing: AZJ3364, AZE4217, 11.132.010, 11.131.038

Servicing: Case

 B+ M10, Total length 333.00,  
Gear type DD, Mount. holes 3 (0)

A: 88.80 B: 48.00 mm


**112670** Starter 24 V, 4.0 kW

Replacing: AZJ3351, 11.130.993

Servicing: DAF, Hanomag, Mercedes-Benz, Perkins

 B+ M10, Total length 341.00,  
Gear type DD, Mount. holes 3 (0)

A: 88.80 B: 28.50 mm


**112821** Starter 12 V, 2.2 kW

Replacing: AZE2226, AZE2189, 11.139.459, 11.139.424

Servicing: Ford, Jaguar

 B+ M8, Total length 250.80,  
Gear type GR, Clutch type Wet,  
Mount. holes 2 (0)

B: 36.00 mm


**113007#** Starter 24 V, 4.0 kW

Replacing: AZJ3214, AZF4573, 11.131.274, 11.130.797, 11.130.662

Servicing: John Deere

 B+ M10, Total length 338.50,  
Gear type GR, Clutch type Wet,  
Mount. holes 2 (0)

A: 82.50 B: 33.00 mm


**113134** Starter 12 V, 2.2 kW

Replacing: AZE4564, 11.139.333

Servicing: Renault, Renault V.I., Vauxhall

 B+ M8, Total length 272.00,  
Gear type GR, Mount. holes 3 (0)

A: 109.70 B: 27.00 mm


**113181** Starter 12 V, 2.3 kW

Replacing: AZE6554, AZE6509, AZE4566, 11.131.948, 11.131.458, 11.131.223

Servicing: Bomag, JCB, KHD

 B+ M8, Total length 258.00,  
Gear type GR, Mount. holes 2 (0)

A: 82.50 B: 23.25 mm


**113182** Starter 12 V, 3.0 kW

Replacing: AZF4155, 11.131.604

Servicing: New Holland

 B+ M10, Total length 320.00,  
Gear type GR, Mount. holes 3 (0)

A: 110.00 B: 30.00 mm


**113276** Starter 12 V, 1.1 kW

Replacing: AZD2126, 11.131.903

Servicing: Fiat, Opel, Saab, Vauxhall

 B+ M8, Total length 214.00,  
Gear type GR, Mount. holes 2 (0)

A: 67.90 B: 18.00 mm


**113281** Starter 12 V, 1.1 kW

Replacing: AZE2211, 11.139.448

Servicing: MG, Rover

 B+ M8, Total length 231.40,  
Gear type GR, Clutch type Dry,  
Mount. holes 2 (0)

A: 75.00 B: 43.00 mm


**113346** Starter 12 V, 0.8 kW

Replacing: AZJ3281, 11.130.783

Servicing: MG, Rover

 B+ M8, Total length 210.50,  
Gear type DD/GR, Mount. holes 3 (0)

A: 67.00 B: 39.50 mm


**113356** Starter 24 V, 3.5 kW

Replacing: AZJ3223, 11.130.676

Servicing: Belarus, GAZ, ZIL

 B+ M10, Total length 235.00,  
Gear type GR, Mount. holes 3 (0)

A: 99.90 B: 32.00 mm


**113381#** Starter 12 V, 2.5 kW

Replacing: AZJ3462, AZJ3195, AZJ3145, 11.139.456, 11.130.618, 11.130.510

 Servicing: Farymann, Fiat, Fiat-Allis, Goldoni  
 B+ M10, B- M8, Total length 315.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 109.70 B: 26.00 mm

**113387** Starter 12 V, 2.0 kW

Replacing: AZE2625, 11.131.056

 Servicing: Seat, VW  
 B+ M8, Total length 238.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 76.00 B: 54.00 mm

**113389** Starter 12 V, 2.2 kW

Replacing: AZE4140, 11.139.441

 Servicing: Mercedes-Benz  
 B+ M8, Total length 272.50,  
 Gear type GR, Mount. holes 2 (2)  
 A: 82.40 B: 25.00 mm

**113429** Starter 12 V, 4.2 kW

Replacing: AZF4611, AZF4577, 11.131.300, 11.131.117

 Servicing: Case, Cummins  
 B+ M10, Total length 326.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 91.90 B: 47.50 mm

**113430** Starter 12 V, 1.8 kW

Replacing: AZE2111, 11.130.997

 Servicing: Alfa Romeo, Fiat, Lancia, Suzuki  
 B+ M8, Total length 226.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 81.50 B: 9.50 mm

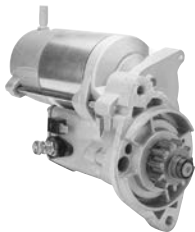
**113443** Starter 12 V, 1.4 kW

Replacing: AZE2534, 11.130.716

 Servicing: Citroen, Fiat, Peugeot  
 B+ M8, Total length 240.00,  
 Gear type GR, Mount. holes 3 (3)  
 A: 62.10 B: -5.00 mm

**113451** Starter 12 V, 2.2 kW

Replacing: AZE4142, 11.139.443

 Servicing: Citroen, Fiat, Peugeot  
 B+ M8, Total length 272.50,  
 Gear type GR, Mount. holes 3 (3)  
 A: 81.50 B: 23.00 mm

**113459** Starter 12 V, 2.0 kW

Replacing: AZE2138, 11.131.136

 Servicing: Lister  
 B+ M8, Total length 220.00,  
 Gear type GR, Clutch type Wet,  
 Mount. holes 2 (2)  
 A: 88.80 B: 27.00 mm

**113464** Starter 24 V, 4.0 kW

Replacing: AZJ3522, AZJ3222, 11.130.673, 11.130.151

 Servicing: ABG, Irmex, Iveco, KHD  
 B+ M10, Total length 346.50,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 3 (0)  
 A: 89.00 B: 28.80 mm

**113465** Starter 12 V, 3.0 kW

Replacing: AZJ3187, 11.130.596

 Servicing: Renault V.I.  
 B+ M10, Total length 338.00,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 3 (0)  
 A: 88.75 B: 21.50 mm

**113466** Starter 24 V, 4.0 kW

Replacing: AZJ3188, AZF4527, AZF4508, 11.130.944, 11.130.729, 11.130.598

 Servicing: Renault V.I.  
 B+ M10, Total length 316.00,  
 Gear type DD/GR, Clutch type Dry,  
 Mount. holes 3 (0)  
 A: 88.90 B: 22.00 mm

**113467** Starter 12 V, 3.7 kW

Replacing: AZJ3196, 11.130.619

 Servicing: Atlas Copco, Deutz-Fahr, Iveco  
 B+ M10, Total length 346.00,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 3 (0)  
 A: 88.80 B: 28.00 mm


**113468** Starter 24 V, 4.0 kW

Replacing: AZJ3404, AZJ3388, AZJ3374, AZJ3199, AZF4509, 11.131.236, 11.131.144, 11.131.085, 11.130.730

Servicing: MAN

B+ M10, Total length 340.00, Gear type DD, Clutch type Dry, Mount. holes 3 (0)

A: 89.00 B: 27.00 mm


**113478** Starter 12 V, 2.8 kW

Replacing: AZE4620, AZE4603, AZE4534, 11.131.221, 11.131.108, 11.131.063

Servicing: Atlas Copco, John Deere

B+ M10, 15a M5, Total length 303.50, Gear type DD, Clutch type Dry, Mount. holes 2 (0), Oil sealed

A: 82.00 B: 35.00 mm


**113480** Starter 12 V, 1.2 kW

Replacing: AZE2642, 11.131.233

Servicing: Ruggneri

B+ M8, Total length 210.00, Gear type GR, Mount. holes 2 (0)

A: 76.00 B: 31.00 mm


**113481** Starter 12 V, 1.4 kW

Replacing: AZE2101, AZD3523, 11.139.422, 11.130.957

Servicing: Chrysler, Opel, Renault, Suzuki, Vauxhall

B+ M8, Total length 231.00, Gear type GR, Mount. holes 4 (4)

A: 65.90 B: -1.00 mm


**113482** Starter 12 V, 3.0 kW

Replacing: AZJ3310, 11.130.881

Servicing: Volvo BM

B+ M10, Total length 338.50, Gear type DD, Clutch type Wet, Mount. holes 3 (0)

A: 88.75 B: 47.00 mm


**113484** Starter 24 V, 4.0 kW

Replacing: AZJ3186, 11.130.595

Servicing: Sisu, Valtra

B+ M10, Total length 340.00, Gear type DD, Clutch type Dry, Mount. holes 3 (0)

A: 88.85 B: 47.50 mm


**113532** Starter 12 V, 3.0 kW

Replacing: AZJ3284, AZF4582, AZF4559, AZF4510, 11.131.929, 11.131.318, 11.131.167, 11.130.820, 11.130.748

Servicing: Renault Agriculture

B+ M10, Total length 341.00, Gear type DD, Clutch type Dry, Mount. holes 2 (0)

A: 82.50 B: 34.00 mm


**113570** Starter 12 V, 4.2 kW

Replacing: AZF4513, AZF4190, 11.131.727, 11.131.542, 11.130.836

Servicing: Valtra

B+ M10, Total length 320.00, Gear type GR, Clutch type Dry, Mount. holes 3 (0)

A: 89.00 B: 47.50 mm


**113605** Starter 12 V, 1.1 kW

Replacing: AZD3522, 11.139.421

Servicing: Renault, Volvo

B+ M8, Total length 216.00, Gear type GR, Clutch type Dry, Mount. holes 3 (3)

A: 66.00 B: -1.70 mm


**113674** Starter 12 V, 2.0 kW

Replacing: AZE2165, 11.131.297

Servicing: Opel, Saab, Vauxhall

B+ M8, Total length 246.00, Gear type GR, Mount. holes 2 (1)

A: 82.30 B: 18.50 mm


**113678** Starter 12 V, 2.2 kW

Replacing: AZE2668, 11.131.676

Servicing: VW

B+ M8, Total length 258.00, Gear type GR, Mount. holes 2 (0)

Alternative no.: 115507

A: 76.10 B: 62.00 mm


**113690** Starter 12 V, 1.0 kW

Replacing: AZE1230, 11.131.186

Servicing: Yanmar

B+ M8, Total length 185.00, Gear type DD, Mount. holes 2 (0)

A: 66.00 B: 17.00 mm


**113725** Starter 12 V, 2.5 kW

Replacing: 11.131.275

Servicing: Case

 B+ M10, Total length 300.00,  
 Gear type DD, Mount. holes 2 (0)

A: 88.60 B: 49.00 mm


**113843** Starter 12 V, 1.1 kW

Replacing: AZD2125, 11.131.902

 Servicing: Fiat, Lancia, Opel, Suzuki,  
 Vauxhall

 B+ M8, Total length 199.00,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 2 (1)

A: 64.00 B: 24.25 mm


**113850** Starter 24 V, 5.4 kW

Replacing: AZK5467

Servicing: Volvo BM

 B+ M10, B- M10, Total length 387.00,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 3 (0), Not Insulated return,  
 Oil sealed

A: 89.00 B: 48.00 mm


**113900** Starter 12 V, 2.5 kW

Replacing: AZE6544, 11.131.750

Servicing: John Deere

 B+ M8, Total length 239.50,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 2 (0)

A: 82.50 B: 26.00 mm


**113901** Starter 12 V, 3.0 kW

 Replacing: AZE4597, AZE4540, AZE4166,  
 11.131.728, 11.131.426, 11.131.116

Servicing: Valtra

 B+ M10, Total length 297.50,  
 Gear type GR, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm


**113968** Starter 12 V, 3.6 kW

Replacing: AZJ3212, 11.130.659

Servicing: New Holland

 B+ M8, Total length 330.00,  
 Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 20.00 mm


**113982** Starter 12 V, 2.0 kW

Replacing: AZE2606, 11.130.923

Servicing: Hatz

 B+ M8, Total length 233.50,  
 Gear type GR, Mount. holes 2 (0)

A: 82.50 B: 40.50 mm

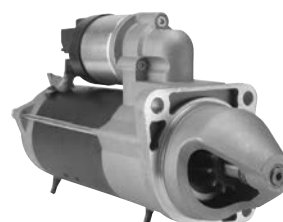

**114002** Starter 12 V, 4.2 kW

Replacing: AZF4591, 11.131.352

Servicing: Case

 B+ M10, Total length 316.00,  
 Gear type GR, Mount. holes 3 (0)

A: 89.00 B: 27.00 mm

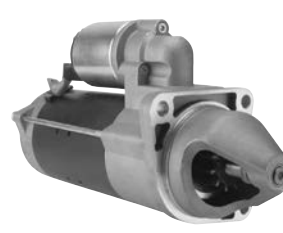

**114050** Starter 12 V, 4.2 kW

 Replacing: AZF4535, AZF4135, AZF4122,  
 11.131.520, 11.131.464, 11.130.999

Servicing: Case, New Holland

 B+ M10, 30h M10, Total length 317.00,  
 Gear type GR, Mount. holes 3 (0)

A: 89.00 B: 27.50 mm


**114196** Starter 24 V, 4.0 kW

Replacing: AZF4295, 11.132.094

Servicing: Case, New Holland

 B+ M10, Total length 317.00,  
 Gear type GR, Mount. holes 3 (0)

A: 89.00 B: 27.60 mm


**114220** Starter 24 V, 4.0 kW

 Replacing: AZF4230, AZF4156, 11.131.863,  
 11.131.607

Servicing: Deutz-Fahr

 B+ M10, Total length 315.00,  
 Gear type GR, Mount. holes 2 (0)

A: 82.50 B: 25.00 mm


**114254** Starter 12 V, 2.7 kW

 Replacing: AZJ3405, AZJ3247, 11.131.249,  
 11.130.710

 Servicing: Balkancar, Chang Feng (Liebao),  
 Dronningborg, Sampo-Rosenlew, Ursus,  
 Valtra, Zetor

 B+ 9.70, Total length 237.00,  
 Gear type GR, Mount. holes 3 (0)

A: 89.00 B: 49.40 mm


**114264** Starter 12 V, 4.2 kW

Replacing: AZF4576, AZF4224, AZF4181, 11.131.848, 11.131.697, 11.131.292

Servicing: JCB

 B+ M10, Total length 345.00,  
Gear type GR, Mount. holes 3 (0)

A: 89.00 B: 21.00 mm


**114265** Starter 12 V, 2.7 kW

Replacing: AZJ3140, 11.130.503

Servicing: VM Motori

 B+ M10, Total length 295.00,  
Mount. holes 2 (0)

A: 82.50 B: 21.50 mm


**NEW PRODUCT**  
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**114266** Starter 24 V, 4.0 kW

Replacing: AZJ3256, AZF4298, 11.132.106, 11.130.734

Servicing: AGCO POWER ( SISU DIESEL )

 B+ M10, B- M8, Mount. holes 3 (0),  
Insulated return

A: 89.00 B: 48.00 mm


**114276** Starter 12 V, 1.0 kW

Replacing: 11.131.028

Servicing: Hatz

 B+ M8, Total length 219.00,  
Gear type GR, Not Insulated return

A: 66.00 B: 17.00 mm


**114320** Starter 12 V, 3.0 kW

Replacing: AZF4229

Servicing: JCB, KHD

 B+ M10, Total length 316.00, Gear type GR,  
Clutch type Dry, Mount. holes 2 (0)

A: 82.50 B: 23.00 mm


**114387** Starter 12 V, 3.2 kW

 Replacing: AZJ3369, AZF4569, AZF4315,  
AZE4219, AZE4207, AZE4199, AZE4172,  
AZE4151, AZAF4569, 11.132.149

Servicing: JCB, Perkins

 B+ M8, B- M8, Total length 299.00,  
Gear type DD, Mount. holes 3 (0)

*Iskra version.*

A: 89.00 B: 28.85 mm


**114388** Starter 12 V, 3.2 kW

 Replacing: AZF4545, AZE4220, AZE4201,  
AZE4197, AZE4175, AZE4173, AZE4170,  
AZE4150, 11.132.036, 11.131.989

Servicing: Hattat Tarim, JCB, Perkins

 B+ M8, B- M8, 30h M10, Gear type DD,  
Total length 296.50, Mount. holes 3 (0)

*Iskra version.*

A: 89.00 B: 32.50 mm


**114398** Starter 24 V, 4.0 kW

Replacing: AZJ3413, 11.131.353

Servicing: Hatz

 B+ M10, Total length 345.00, Gear type DD,  
Mount. holes 2 (0), Not Insulated return

A: 82.50 B: 21.00 mm


**114460** Starter 12 V, 1.4 kW

Replacing: AZE2151, 11.131.232

 Servicing: Citroen, Fiat, Hyundai, Lancia,  
Mitsubishi, Peugeot

 B+ M8, Total length 216.00,  
Gear type GR, Mount. holes 3 (0)

B: -4.00 mm


**114475** Starter 12 V, 4.0 kW

 Replacing: AZF4310, AZF4231, AZF4178,  
11.132.138, 11.131.864, 11.131.686

Servicing: Fendt

 B+ M10, Total length 321.50,  
Mount. holes 3 (0)

A: 89.00 B: 28.00 mm


**114677** Starter 12 V, 1.8 kW

 Replacing: AZE2662, AZE2605, 11.131.527,  
11.130.922

 Servicing: Hatz, Various Agriculture Vehicles,  
Various Industrial applications

 B+ M8, Total length 232.00,  
Gear type GR, Mount. holes 2 (0)

A: 82.50 B: 40.50 mm


**114702** Starter 24 V, 4.0 kW

 Replacing: AZF4554, AZF4199, 11.131.775,  
11.131.150

 B+ M10, Total length 321.00,  
Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 47.00 mm



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**114777\*** Starter 12 V, 3.0 kW  
Replacing: AZJ3402, 11.131.218  
Mount. holes 3 (0)



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**NEW PRODUCT**  
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**114852\*** Starter 12 V, 4.2 kW  
Replacing: AZF4269, AZF4248, AZF4208,  
AZF4206, AZF4196, AZF4164, 11.132.008,  
11.131.900, 11.131.792  
Gear type GR, Mount. holes 3 (0)



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**NEW PRODUCT**  
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**115329** Starter 12 V, 1.2 kW  
Replacing: AZE2649, 11.131.299  
Servicing: Lombardini  
B+ M8, Total length 212.00,  
Gear type GR, Mount. holes 2 (0)  
Bosch OE HC-CARGO 113177  
A: 76.20 B: 16.00 mm



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**NEW PRODUCT**  
www.hc-cargo.com

**115389\*** starter 12 V, 4.2 kW  
Replacing: AZF4275, AZF4260, AZF4258,  
AZF4204, AZF4202, AZF4129, 11.132.034,  
11.131.965, 11.131.945  
Gear type GR, Mount. holes 3 (0)

**NEW PRODUCT**  
www.hc-cargo.com

**115391\*** Starter 12 V, 4.0 kW  
Replacing: AZF4146, 11.131.573  
Gear type GR, Mount. holes 3 (0)

**NEW PRODUCT**  
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**115392\*** Starter 12 V  
Replacing: AZF4148, AZF4147, 11.131.574  
Gear type GR, Mount. holes 3 (0)



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**NEW PRODUCT**  
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**115393\*** Starter 12 V, 4.0 kW  
Replacing: 11.131.575  
Gear type GR, Mount. holes 3 (0)



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**115397** Starter 12 V, 2.0 kW  
Replacing: AZE2573, AZE2213, 11.131.674,  
11.130.899  
Servicing: GAZ  
B+ M8, Total length 245.00,  
Gear type GR, Mount. holes 2 (2), Not  
Insulated return  
Alternative no.: 115500   
A: 82.50 B: 21.50 mm

**NEW PRODUCT**  
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**115423\*** Starter 12 V, 2.4 kW  
Replacing: AZJ3552, AZJ0102, 11.130.248,  
11.130.019  
Mount. holes 2 (0)  
A: 82.50 mm



**110351<sup>#</sup>** Starter 12 V, 1.3 kW

Replacing: KAT3K29.3708, 5712.3708, 4263708, 4243708, 293708, 2108-3708019, 2108-3708010-6, 2108-3708010

Servicing: Lada

B+ M8, Total length 245.00,

Gear type DD, Mount. holes 3 (0)

Bushing D.E. (clutch house): HC-CARGO 140043.

A: 83.00 B: 34.00 mm



**110352** Starter 12 V, 1.3 kW

Replacing: KAT3KCT22112B, KAT3KCT221126, KAT3K35.3708, CT2213708000, CT22112B, CT221128, 5722.3708, 4253708

Servicing: Fiat, Lada

B+ M8, Total length 237.00,

Gear type DD, Clutch type Wet,

Mount. holes 3 (3)

A: 83.00 B: 22.30 mm



**112304** Starter 12 V, 1.8 kW

Replacing: 5702.3708, 2110-3708010

Servicing: Lada

B+ M8, Total length 267.00,

Gear type GR, Mount. holes 2 (0)

A: 76.10 B: 35.00 mm





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**110590** Starter 12 V, 2.8 kW

Replacing: M0014502ME

Servicing: Bobcat, Perkins

B+ M10, Total length 339.00,  
Gear type GR, Clutch type Dry,  
Mount. holes 3 (0), Waterproof  
Replaces: 22MT, 27MT, 28MT.

A: 88.90 B: 46.00 mm



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**111221** Starter 12 V, 2.5 kW

Replacing: 35259580

Servicing: Bobcat, Clark, John Deere

B+ M10, 15a M5, Total length 322.00,  
Gear type GR, Clutch type Dry,  
Mount. holes 2 (0)  
Replacing: 28MT.

A: 82.40 B: 33.00 mm



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**112253** Starter 12 V, 2.5 kW

Replacing: 4502ME

Servicing: Ford, Ingersoll Rand

B+ M10, Total length 342.00,  
Gear type GR, Clutch type Dry,  
Mount. holes 3 (0)  
Replacing: 28MT.

A: 88.80 B: 45.00 mm


**110315** Starter 12 V, 0.9 kW

Replacing: 61924101

Servicing: Dodge, Hyundai, Kia, Mitsubishi, Plymouth, Proton

 B+ M8, Total length 208.00,  
 Gear type DD/GR, Mount. holes 2 (2)  
 A: 77.00 B: 18.40 mm

**110336** Starter 12 V, 0.75 kW

Replacing: 25648K, 25648A, 25648, 25357, 25335, 25289, 25272, 25271, 25270, 25249, 25208, 25205, 25204

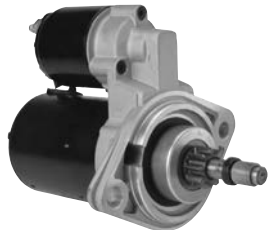
Servicing: Ford, Mercury, Triumph

 B+ M8, 15a M5, Total length 224.50,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 3 (0)  
 A: 89.00 B: 28.00 mm

**110337#** Starter 12 V, 0.85 kW

Replacing: 25397

Servicing: Ford

 B+ M8, 15a M5, Total length 235.00,  
 Gear type DD, Mount. holes 3 (3)  
 A: 76.00 B: 13.00 mm

**110363** Starter 12 V, 0.7 kW

Replacing: 25286, 25257

Servicing: BMW, Porsche, VW

 B+ M8, Total length 214.00,  
 Gear type DD, Mount. holes 2 (0)  
 Bushing D.E. (clutch house): HC-CARGO 140008.

A: 76.00 B: 33.00 mm


**110368** Starter 12 V, 2.3 kW

Replacing: 26025016A

Servicing: Audi, Mercedes-Benz, Volvo

 B+ M10, Total length 289.00,  
 Gear type DD, Mount. holes 2 (2)  
 A: 82.50 B: 21.00 mm

**110421** Starter 12 V, 0.8 kW

Replacing: 26925240A

Servicing: Daihatsu, Kubota, Suzuki, Toyota, Various Agriculture Vehicles

 B+ M8, Total length 188.00,  
 Gear type DD, Mount. holes 2 (0)  
 A: 66.00 B: 16.00 mm

**110438** Starter 12 V, 2.1 kW

Replacing: 27420B, 27420A, 27420, 26925188D, 26925188A, 26288F, 26288E, 26288A, 26288, 26193

Servicing: Case, Payloader

 B+ M8, Total length 309.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 19.50 mm

**110439** Starter 12 V, 2.0 kW

Replacing: NSB509, 27488, 27480, 27474B, 27474A, 27474, 27470B, 27470A, 27470, 27469A, 27469, 27459A, 27459

Servicing: Buhner, Compair, Eicher, Massey Ferguson

 B+ M8, Total length 309.50,  
 Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 25.00 mm

**110440** Starter 12 V, 2.1 kW

Replacing: NSB511, NSB409, 27468B, 27468A, 27468, 27446A, 27446, 26925198D, 26925198A, 26321F, 26321D, 26321B

Servicing: Land Rover

 B+ M8, Total length 309.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 91.90 B: 19.00 mm

**110441** Starter 12 V, 2.1 kW

Replacing: NSB512, 27460B, 27460A, 27460, 27425B, 27425A, 27425, 26925200A, 25024044A

Servicing: Land Rover

 B+ M8, Total length 309.50,  
 Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 20.00 mm

**110442** Starter 12 V, 2.1 kW

Replacing: NSB501, NSB500, 27487, 27485, 27479, 27477, 27473, 27464, 27415D, 27415B, 27415A, 27415, 27411

Servicing: Balkancar, Conveyancer, Massey Ferguson, Matbro

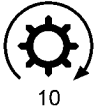
 B+ M8, Total length 309.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 88.90 B: 30.00 mm

**110443** Starter 12 V, 2.1 kW

Replacing: NSB503, 27486, 27478, 27472, 27467, 27435A, 27435, 27417D, 27417B, 27417A, 27417, 26925194D

Servicing: Balkancar, Dronningborg, Massey Ferguson, Matbro, Rover

 B+ M8, Total length 309.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 29.50 mm



**110444** Starter 12 V, 2.1 kW  
 Replacing: 27431B, 27431A, 27431, 26400D, 26400B, 26400A, 26400, 26371F, 26371E, 26371D, 26371A, 26371  
 Servicing: LDV  
 B+ M8, Total length 309.00,  
 Gear type DD, Mount. holes 2 (0)  
 A: 88.80 B: 23.50 mm



**110459** Starter 12 V, 2.8 kW  
 Replacing: NSB532, 27545, 27543D, 27543A, 27543, 27443, 26420, 26416E, 26416D, 26416A, 26416, 26349H, 26349D  
 Servicing: Bedford  
 B+ M8, Total length 335.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 47.50 mm



**110460** Starter 12 V, 2.8 kW  
 Replacing: 27559E, 27559A, 27559, 27537B, 27537A, 27537, 27519D, 27519A, 27519, 27503D, 27503A, 27503, 26436B  
 Servicing: Atlas Copco, Dronningborg, JCB, Massey Ferguson  
 B+ M8, Total length 307.50,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 29.50 mm



**110461** Starter 12 V, 2.8 kW  
 Replacing: NSB521, 27577A, 27577, 27567, 27531, 27501E, 27501B, 27501A, 27501, 26407, 26388, 26356, 26355  
 Servicing: Ford, Lancer Boss, Various Agriculture Vehicles  
 B+ M8, 30h M5, Total length 272.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 21.00 mm



**110462** Starter 12 V, 2.8 kW  
 Replacing: NSB520, 27614, 27569A, 27569, 27515A, 27500J, 27500A, 27500, 27426, 26925155B, 26925155A, 26925  
 Servicing: Buhner, Ford, Matbro, New Holland  
 B+ M8, Total length 319.45,  
 Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 20.00 mm



**110464** Starter 12 V, 2.1 kW  
 Replacing: NSB515, LRS138, 27489, 27476, 27465, 27419D, 27419A, 27419, 26286J, 26286H, 26286F, 26286E, 26286A  
 Servicing: Carbodies, DAF, Lancer Boss, Various Agriculture Vehicles  
 B+ M8, Total length 336.50,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 29.50 mm



**110465** Starter 12 V, 2.8 kW  
 Replacing: NSB535, 27554B, 27554A, 27554, 27511A, 27511, 26431B, 26431A, 26431, 26360, 26342L, 26342B, 26341J  
 Servicing: Ford  
 B+ M8, Total length 309.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 20.00 mm



**110512** Starter 24 V, 5.4 kW  
 Replacing: 22615  
 Servicing: Ahlmann, Irmer, Mercedes-Benz, Various Agriculture Vehicles  
 B+ M10, Total length 384.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 48.00 mm



**110518** Starter 24 V, 4.0 kW  
 Replacing: 61924031  
 Servicing: Benfra, Fiat, Fiat-Allis, Iveco  
 B+ M10, Total length 342.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 110.00 B: 27.00 mm



**110523** Starter 24 V, 4.8 kW  
 Replacing: 61924051, 26025117A  
 Servicing: ABG, Ahlmann, Case, Compair, Iveco, KHD, Payloader  
 B+ M10, Gear type DD,  
 Mount. holes 3 (0)  
 A: 89.00 B: 27.50 mm



**110524** Starter 24 V, 4.0 kW  
 Replacing: 26025136A  
 Servicing: Mercedes-Benz  
 B+ M10, Total length 341.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 48.00 mm



**110525** Starter 12 V, 3.0 kW  
 Replacing: 26417  
 Servicing: Claas, Mercedes-Benz  
 B+ M10, Total length 341.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 48.00 mm


**110536** Starter 12 V, 2.7 kW

Replacing: 61924050

Servicing: ABG, Atlas Copco, Bobcat, Bomag, Bosch, Case, Claas, Deutz-Fahr, Fendt, Irmer, Iveco, KHD, Kramer, Mercedes-Benz

 B+ M10, Total length 234.00,  
Gear type GR, Mount. holes 3 (0)

A: 89.00 B: 28.00 mm


**110545** Starter 12 V, 3.0 kW

Replacing: NSB523, LRS926, 27587, 27512D, 27512A, 27512, 26432, 26342K, 26342D, 26342A, 26342, 26284E, 26284

Servicing: Balkancar, Chang Feng (Liebao), Dronningborg, Sampo-Rosenlew, Ursus, Valtra, Zetor

 B+ M10, Total length 335.00,  
Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm


**110565** Starter 12 V, 2.8 kW

Replacing: NSB540, NSB531, NSB529, 27606, 27599, 27594, 27583A, 27583, 27578, 27572B, 27572A, 27572, 27539F

Servicing: Eicher, Massey Ferguson

 B+ M8, Total length 313.00,  
Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 29.50 mm


**110615** Starter 12 V, 2.8 kW

Replacing: NSB524, NSB522, 27628, 27625, 27621, 27609, 27607, 27603, 27596, 27592, 27588, 27585, 27570B

Servicing: Agco Allis, Agco White, Allis Chalmers, Atlas Copco, JCB, Massey Ferguson, Perkins

 B+ M8, Total length 312.25,  
Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 28.60 mm


**110640** Starter 12 V, 3.0 kW

Replacing: 27440B, 27440A, 27440, 26394

Servicing: Allis Chalmers, Fiat, Fiat-Allis, Long

 B+ M10, Total length 310.00,  
Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 26.00 mm


**110771** Starter 12 V, 0.8 kW

Replacing: 25282

Servicing: Ford

 B+ M8, 15a M5, Gear type DD,  
Mount. holes 2 (0)

A: 76.00 B: 5.40 mm


**110809** Starter 12 V, 2.0 kW

Replacing: 61924100

Servicing: Dodge, Hyundai, Mitsubishi, Proton

 B+ M8, Total length 241.45,  
Gear type GR, Mount. holes 2 (2)

A: 76.90 B: 0.00 mm


**110813** Starter 12 V, 2.7 kW

Replacing: S0850, LRS01976, 61924066, 61924015, 26390E, 26390B, 26390A, 26390, 26290

Servicing: Agrifull, Allis Chalmers, Benfra, Fiat, Fiat-Allis, Goldoni, Iveco

 B+ M10, Total length 294.00,  
Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 27.00 mm


**110814** Starter 12 V, 2.7 kW

Replacing: 27401

Servicing: Alfa Romeo, Benfra, Fiat, Iveco, Lancia, Massey Ferguson, Renault

 B+ M10, Total length 296.50,  
Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 26.80 mm


**110817** Starter 12 V, 2.1 kW

Replacing: 27427E, 27427A, 27427, 27424B, 27424A, 27424, 26310H, 26310F, 26310E, 26310D, 26310A, 26310, 26285F

Servicing: DAF, Various Agriculture Vehicles

 B+ M8, Total length 315.00,  
Gear type DD, Mount. holes 3 (0)

A: 88.80 B: 25.00 mm


**110818** Starter 12 V, 2.1 kW

Replacing: S4523, NSB513, NSB415, 27463D, 27463A, 27463, 27423A, 27423, 27413D, 27413A, 27413, 26917, 26278

Servicing: Case, Fiat-Allis, Massey Ferguson

 B+ M8, 15a 6.30, Total length 309.00,  
Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 24.60 mm


**110819** Starter 12 V, 2.8 kW

Replacing: S4515, NSB530, 27593A, 27593, 27584, 27582, 27580, 27571B, 27571A, 27571, 27546B, 27546A, 27546

Servicing: Eicher, Massey Ferguson, Perkins

 B+ M8, Total length 311.00,  
Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 23.00 mm


**110831** Starter 12 V, 0.8 kW

Replacing: NSB103, NSB101, 26657, 26656, 26654, 26649, 25368, 25356, 25333, 25331, 25288, 25281B, 25281, 25277

Servicing: Ford

B+ M8, Total length 258.00,

Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 31.00 mm


**110840** Starter 12 V, 1.1 kW

Replacing: NSB102, 25728D, 25728A, 25728, 25290, 25287

Servicing: Ford

B+ M8, Total length 139.75,

Gear type DD, Mount. holes 3 (0)

A: 88.80 B: 29.40 mm


**110842** Starter 12 V, 1.4 kW

Replacing: 26805

Servicing: Ford, Merkur

B+ M8, Total length 243.30,

Gear type GR, Mount. holes 2 (0)

A: 76.00 B: 5.35 mm


**110867** Starter 12 V, 1.7 kW

Replacing: 26942, 26941, 26935D, 26935, 26914F, 26914A, 26914, 26913

Servicing: Ford, Mazda

B+ M8, Total length 265.00,

Gear type GR, Mount. holes 3 (3)

A: 76.00 B: 14.25 mm


**110868**<sup>#</sup> Starter 12 V, 1.1 kW

Replacing: 25735E, 25735A, 25735

Servicing: Ford, Lamborghini, Mercury, Saab, Triumph

B+ M8, 15a M5, Total length 255.25,

Gear type DD, Mount. holes 2 (0)

A: 76.00 B: 4.50 mm


**111030** Starter 12 V, 1.4 kW

Replacing: 27002, 26680, 26628

Servicing: Ford

B+ M8, 15a M6, Total length 246.00,

Gear type GR, Clutch type Wet, Mount. holes 3 (0)

A: 76.20 B: 14.00 mm


**111053**<sup>#</sup> Starter 12 V, 0.8 kW

Replacing: 27008, 26624, 25383, 25344, 25338, 25332, 25326

Servicing: Ford

B+ M8, 15a M5, Total length 217.00,

Gear type DD, Mount. holes 3 (3)

A: 76.00 B: 13.00 mm


**111102** Starter 12 V, 0.8 kW

Replacing: 25345, 25238, 25196, 25147, 25112, 25105, 25089, 25083H, 25083A, 25083, 25075, 25071

Servicing: Austin, Lotus, MG, Plymouth, Triumph, Vauxhall

B+ M8, Total length 310.80, Gear type DD, Clutch type Dry, Mount. holes 2 (0)

A: 88.85 B: 41.00 mm


**111103** Starter 12 V, 0.8 kW

Replacing: 25239, 25201, 25149, 25138, 25097, 25092D, 25088, 25087, 25085, 25079, 25065, 25063, 25062, 25061

Servicing: Hillman, MG, Morris, Triumph, Various Agriculture Vehicles, Vauxhall

B+ M8, Total length 321.50,

Gear type DD, Mount. holes 2 (0)

A: 88.80 B: 60.35 mm


**111117**<sup>#</sup> Starter 12 V, 1.1 kW

Replacing: 25355

Servicing: Fiat, Lancia

B+ M8, Total length 232.75,

Gear type GR, Mount. holes 3 (3)

A: 66.90 B: 12.45 mm


**111118** Starter 12 V, 0.9 kW

Replacing: 25339

Servicing: Fiat

B+ M8, Total length 230.00,

Gear type GR, Mount. holes 3 (3)

A: 67.00 B: 13.00 mm


**111131** Starter 12 V, 0.8 kW

Replacing: 27014, 27006, 27005, 26679, 26678, 26601, 26600, 26587

Servicing: Austin, Ford, Mazda, Rover

B+ M8, Total length 208.75,

Gear type DD, Mount. holes 3 (3)

A: 76.15 B: 13.45 mm


**111254<sup>#</sup>** Starter 24 V, 4.5 kW

Replacing: LRS01910

Servicing: John Deere

 B+ M10, Total length 332.25,  
Gear type GR, Mount. holes 2 (0)

A: 94.85 B: 19.20 mm


**111303** Starter 12 V, 0.8 kW

 Replacing: 27047, 27043, 27022, 26814D,  
26814B, 26814A, 26814, 26667

Servicing: Jaguar, Nissan

 B+ M8, Total length 185.15,  
Gear type DD/GR, Mount. holes 2 (1)

A: 69.95 B: 11.15 mm


**111310** Starter 12 V, 0.8 kW

 Replacing: 26925159E, 26925159B,  
26925159A

Servicing: Chevrolet, GEO, Pontiac, Suzuki

 B+ M8, Total length 190.50,  
Gear type GR, Mount. holes 2 (2)

A: 75.00 B: 7.80 mm


**111346** Starter 12 V, 2.8 kW

 Replacing: 27629, 27627B, 27627, 27626,  
27620, 27610, 27608, 27602, 27598, 27590,  
27589, 27568A, 27568, 27565D

Servicing: Massey Ferguson

 B+ M8, Total length 314.50,  
Gear type DD, Clutch type Dry,  
Mount. holes 3 (0)

A: 89.00 B: 29.50 mm


**111385** Starter 12 V, 0.6 kW

Replacing: 26251048

Servicing: Bedford, Suzuki

 B+ M8, 15a 6.30, Gear type DD,  
Mount. holes 2 (0)

A: 64.85 B: 27.00 mm


**111499<sup>#</sup>** Starter 12 V, 2.8 kW

Replacing: 27528, 26379F, 26379A, 26379

Servicing: Case

 B+ M8, Total length 307.00,  
Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 20.00 mm


**111573** Starter 12 V, 2.8 kW

 Replacing: 27526D, 27526A, 27526, 27513A,  
27513, 26376L, 26376K, 26376A, 26376,  
26351, 26343K, 26343D, 26343B

 Servicing: Avia, JCB, TCM, Various  
Agriculture Vehicles

 B+ M8, Total length 311.00,  
Gear type DD/GR, Mount. holes 3 (0)

A: 101.00 B: 25.50 mm


**111574** Starter 12 V, 2.8 kW

 Replacing: 27595, 27564F, 27564A, 27564,  
26025110A

 Servicing: ERF, LDV International, Various  
Agriculture Vehicles

 B+ M8, Total length 340.00,  
Gear type DD, Mount. holes 3 (0)

A: 88.75 B: 47.15 mm


**111608** Starter 12 V, 1.4 kW

Replacing: 26845, 26841, 26834, 26813

Servicing: Infiniti, Nissan

 B+ M8, Total length 216.00,  
Gear type GR, Mount. holes 2 (2)

A: 82.25 B: 43.00 mm


**111737** Starter 12 V, 2.8 kW

 Replacing: 27502D, 27502A, 27502, 26369J,  
26369H, 26369A, 26369, 26359F, 26359B,  
26359A, 26359, 26294Q, 26294N

 Servicing: Atlas Copco, Bedford, Fiat-Allis,  
Massey Ferguson, Perkins, Sampo-Rosenlew

 B+ M8, Total length 314.75,  
Gear type DD, Clutch type Wet,  
Mount. holes 3 (0)

A: 89.00 B: 28.50 mm


**111750** Starter 12 V, 1.4 kW

Replacing: 26689

Servicing: Ford

 B+ M8, 15a M5, Total length 208.50,  
Gear type GR, Mount. holes 3 (3)

A: 76.00 B: 13.50 mm


**111865** Starter 12 V, 1.7 kW

 Replacing: 26801, 26267, 25696L, 25696A,  
25696, 25681

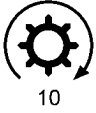
Servicing: Lancia, Land Rover

 B+ M8, Total length 268.00,  
Gear type GR, Mount. holes 2 (0)

A: 73.00 B: 39.00 mm



**112124** Starter 12 V, 0.9 kW  
 Replacing: NSB132  
 Servicing: Citroen, Fiat, Lancia  
 B+ M8, Total length 206.00,  
 Gear type DD/GR, Mount. holes 3 (3)  
 A: 64.10 B: 11.00 mm



**112136** Starter 12 V, 2.8 kW  
 Replacing: 27601, 27533E, 27533A, 27533,  
 26398H, 26398F, 26398A, 26398  
 Servicing: Massey Ferguson  
 B+ M8, Total length 340.50,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 3 (0)  
 A: 88.75 B: 48.30 mm



**112141** Starter 12 V, 1.0 kW  
 Replacing: 27004, 26695  
 Servicing: Ford  
 B+ M8, Total length 210.00,  
 Gear type GR, Mount. holes 3 (2)  
 A: 76.00 B: 13.50 mm



**112163** Starter 12 V, 2.0 kW  
 Replacing: 26925056  
 Servicing: Mahindra  
 B+ M8, Total length 307.00,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 3 (0)  
 A: 89.00 B: 20.00 mm



**112164** Starter 12 V, 1.4 kW  
 Replacing: 26925121H, 26925121E,  
 26925121A  
 Servicing: Tata  
 B+ M8, Total length 267.50, Gear type DD,  
 Clutch type Dry, Mount. holes 3 (0)  
 A: 66.00 B: -7.70 mm



**112277** Starter 12 V, 1.8 kW  
 Replacing: 54292967, 47920166, 47920141,  
 26920  
 Servicing: Perkins  
 B+ M8, 15a 6.30, Total length 261.00,  
 Gear type GR, Mount. holes 3 (0),  
 Insulated return  
 A: 88.90 B: 30.00 mm



**112390** Starter 12 V, 1.0 kW  
 Replacing: 66925191, 27018, 26631, 25219  
 Servicing: Lister  
 B+ M8, 15a 4.70, Total length 210.00,  
 Gear type DD, Clutch type Wet,  
 Mount. holes 3 (0)  
 A: 89.00 B: 27.00 mm



**112660** Starter 12 V, 2.8 kW  
 Replacing: 529965EX, 27604, 27586, 27575,  
 27556, 27508D, 27508B, 27508A, 27508,  
 26925262B, 26433, 26428A  
 Servicing: Case  
 B+ M10, Total length 333.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 88.80 B: 48.00 mm



**112670** Starter 24 V, 4.0 kW  
 Replacing: 27315E, 27315B, 27315A, 27315,  
 27311H, 27311E, 27311A, 27311, 27309E,  
 27309A, 27309, 27301K  
 Servicing: DAF, Hanomag, Mercedes-Benz,  
 Perkins  
 B+ M10, Total length 341.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 88.80 B: 28.50 mm



**113346** Starter 12 V, 0.8 kW  
 Replacing: 27034, 26694, 26693, 26690,  
 26660  
 Servicing: MG, Rover  
 B+ M8, Total length 210.50,  
 Gear type DD/GR, Mount. holes 3 (0)  
 A: 67.00 B: 39.50 mm



**113380** Starter 12 V, 2.8 kW  
 Replacing: NSB534, 27553D, 27553A, 27553,  
 27507B, 27507A, 27507, 27504B, 27504A,  
 27504, 26430D, 26430A, 26430  
 Servicing: Ford  
 B+ M8, B- M8, Total length 307.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 91.80 B: 20.00 mm



**113381#** Starter 12 V, 2.5 kW  
 Replacing: 27430B, 27430A, 27430  
 Servicing: Farymann, Fiat, Fiat-Allis, Goldoni  
 B+ M10, B- M8, Total length 315.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 109.70 B: 26.00 mm


**113478** Starter 12 V, 2.8 kW

Replacing: 26024033A

Servicing: Atlas Copco, John Deere

 B+ M10, 15a M5, Total length 303.50,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 2 (0), Oil sealed

A: 82.00 B: 35.00 mm


**113484** Starter 24 V, 4.0 kW

Replacing: 27305

Servicing: Sisu, Valtra

 B+ M10, Total length 340.00,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 3 (0)

A: 88.85 B: 47.50 mm


**113668** Starter 12 V, 1.2 kW

Replacing: S9463

Servicing: Clark, Mitsubishi

 B+ M8, Total length 214.50,  
 Gear type DD, Clutch type Wet,  
 Mount. holes 2 (0)

A: 76.90 B: 18.00 mm


**113670** Starter 12 V, 2.2 kW

Replacing: 26025115A, 26025115, 26024070A

Servicing: Mahindra

 B+ M8, 15a M5, Total length 284.35,  
 Gear type DD, Clutch type Wet,  
 Mount. holes 3 (0)

A: 89.00 B: 20.00 mm


**113745** Starter 12 V, 1.4 kW

Replacing: 25756, 25755, 25692

Servicing: Jaguar

 B+ M8, 15a M4, Total length 267.00,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 2 (1)

A: 89.00 B: 26.70 mm


**113752** Starter 12 V, 1.8 kW

Replacing: 26946, 26945, 26943

Servicing: Fiat

 B+ M8, Total length 240.00,  
 Gear type GR, Mount. holes 3 (3)

A: 81.80 B: 23.50 mm


**114123** Starter 12 V, 0.8 kW

Replacing: 063102021010

Servicing: Fiat

 B+ M8, 30h M6, Total length 190.00,  
 Gear type DD/GR, Mount. holes 3 (2)

A: 64.00 B: 12.00 mm



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**114821** Starter 12 V, 0.9 kW

Replacing: 26024242A

Servicing: Hyundai

Gear type GR, Mount. holes 2 (2)





**110213** Starter 24 V, 6.6 kW  
 Replacing: 63226391, 63226301  
 Servicing: Fiat, Iveco  
 B+ M12, B- M10, Total length 407.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 115.00 B: 20.80 mm



**110338** Starter 12 V, 0.8 kW  
 Replacing: E84-0.8/12V1, 63220741,  
 63220731, 63220721, 63220701  
 Servicing: Fiat, Lancia, Zastava  
 B+ M8, Total length 254.00,  
 Gear type DD, Mount. holes 3 (3)  
 A: 66.90 B: 12.00 mm



**110352** Starter 12 V, 1.3 kW  
 Replacing: E100-1.3/12V8, 63222506,  
 63222438, 63222436, 63222435, 63222408,  
 63222405  
 Servicing: Fiat, Lada  
 B+ M8, Total length 237.00,  
 Gear type DD, Clutch type Wet,  
 Mount. holes 3 (3)  
 A: 83.00 B: 22.30 mm



**110365** Starter 12 V, 0.8 kW  
 Replacing: E84-0.8/12V3, 63221892,  
 63221832, 63220743, 63220733, 63220723,  
 63220713, 63220703, 63220537  
 Servicing: Autobianchi, Fiat, Lancia, Seat  
 B+ M8, Total length 236.50,  
 Gear type DD, Mount. holes 3 (3)  
 A: 62.00 B: 12.50 mm



**110396** Starter 12 V, 1.4 kW  
 Replacing: 943254024010  
 Servicing: Toyota  
 B+ M8, Total length 189.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 74.00 B: 20.00 mm



**110440** Starter 12 V, 2.1 kW  
 Replacing: 63227468  
 Servicing: Land Rover  
 B+ M8, Total length 309.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 91.90 B: 19.00 mm



**110442** Starter 12 V, 2.1 kW  
 Replacing: 63227485, 63227479, 2707130  
 Servicing: Balkancar, Conveyancer, Massey  
 Ferguson, Matbro  
 B+ M8, Total length 309.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 88.90 B: 30.00 mm



**110461** Starter 12 V, 2.8 kW  
 Replacing: 63227501  
 Servicing: Ford, Lancer Boss, Various  
 Agriculture Vehicles  
 B+ M8, 30h M5, Total length 272.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 21.00 mm



**110462** Starter 12 V, 2.8 kW  
 Replacing: 63227569  
 Servicing: Buhner, Ford, Matbro, New Holland  
 B+ M8, Total length 319.45,  
 Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 20.00 mm



**110464** Starter 12 V, 2.1 kW  
 Replacing: 63227489  
 Servicing: Carbodies, DAF, Lancer Boss,  
 Various Agriculture Vehicles  
 B+ M8, Total length 336.50,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 29.50 mm



**110517** Starter 24 V, 3.2 kW  
 Replacing: MT72AB, MT72AA, MT72A,  
 63217226, 63217225, 63217201, 30281018  
 Servicing: Benfra, Fiat-Allis, Iveco  
 B+ M10, Total length 295.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 110.00 B: 27.00 mm



**110518** Starter 24 V, 4.0 kW  
 Replacing: MT67CB, MT67CA, MT67C,  
 63216741, 63216740, 63216703, 30281020,  
 063216741010  
 Servicing: Benfra, Fiat, Fiat-Allis, Iveco  
 B+ M10, Total length 342.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 110.00 B: 27.00 mm


**110519** Starter 12 V, 3.0 kW

Replacing: MT68BA, MT68B, 63216833, 63216802, 4755112, 4737758

Servicing: Iveco, Volvo

 B+ M10, Total length 340.50,  
Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm


**110520** Starter 24 V, 4.0 kW

Replacing: MT67BA, MT67B, MT43HA, 63216733, 63216702, 63214371, 63214333, 63214308, 30281027, 30281017

Servicing: Cummins, Fiat-Allis

 B+ M10, Total length 343.00,  
Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.50 mm


**110521** Starter 24 V, 4.0 kW

Replacing: MT67DB, MT67DA, MT67D, MT67AD, MT67AC, MT67AB, MT67AA, MT67A, 63224580, 63224170, 63216748

Servicing: Benfra, Fiat, Fiat-Allis, Iveco

 B+ M10, Total length 343.00,  
Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 27.00 mm


**110522** Starter 12 V, 3.0 kW

Replacing: MT68LC, MT68LB, MT68LA, MT68L, 63216898, 63216896, 63216873, 4755110, 063216896010

Servicing: Fiat, Fiat-Allis, Iveco, New Holland

 B+ M10, Total length 341.00,  
Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 26.50 mm


**110524** Starter 24 V, 4.0 kW

Replacing: 63206704, 063206704010

Servicing: Mercedes-Benz

 B+ M10, Total length 341.00,  
Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm


**110529** Starter 12 V, 3.0 kW

Replacing: MT68MB, MT68MA, MT68AD, MT68AC, MT68AB, MT68AA, MT68A, MT62BA, M125M3-Z9(3/12), M125-3/12, 63224600

Servicing: Agrifull, Benfra, Fiat, Fiat-Allis, Iveco

 B+ M10, Total length 340.50,  
Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 30.00 mm


**110530** Starter 12 V, 3.0 kW

Replacing: MT68PB, MT68PA, MT68P, 63217138, 63216884, 63216876, 63216814, 063216884010, 063216876010

Servicing: Huerlimann, Lamborghini, Same

 B+ M10, Total length 342.00,  
Gear type DD, Mount. holes 2 (0)

A: 82.00 B: 22.00 mm


**110536** Starter 12 V, 2.7 kW

Replacing: MT74G, MT68T, 943252071010

Servicing: ABG, Atlas Copco, Bobcat, Bomag, Bosch, Case, Claas, Deutz-Fahr, Fendt, Irmer, Iveco, KHD, Kramer, Mercedes-Benz

 B+ M10, Total length 234.00,  
Gear type GR, Mount. holes 3 (0)

A: 89.00 B: 28.00 mm


**110545** Starter 12 V, 3.0 kW

Replacing: 63227512

Servicing: Balkancar, Chang Feng (Liebao), Dronningborg, Sampo-Rosenlew, Ursus, Valtra, Zetor

 B+ M10, Total length 335.00,  
Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm


**110585** Starter 12 V, 1.2 kW

Replacing: 63291405

Servicing: Renault, Volvo

 B+ M8, Total length 214.15,  
Gear type DD, Mount. holes 4 (4)

A: 66.00 B: -2.00 mm


**110608** Starter 12 V, 0.5 kW

Replacing: 63201101, 63201100, 63201005, 63201004, 63201001, 63201000

Servicing: Fiat

 B+ M8, Total length 233.75, Gear type DD,  
Clutch type Dry, Mount. holes 3 (0)

A: 61.90 B: 7.70 mm


**110615** Starter 12 V, 2.8 kW

Replacing: 943226366, 63296357, 63227596, 63227588, 63227585, 63227520, 63227518, 63227486, 63227478, 54293284

Servicing: Agco Allis, Agco White, Allis Chalmers, Atlas Copco, JCB, Massey Ferguson, Perkins

 B+ M8, Total length 312.25,  
Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 28.60 mm


**110812** Starter 12 V, 2.0 kW

Replacing: MT71TA, MT71T, MT71RB, MT71R, MT71E, 63217154, 63217118, 63217116, 63217105, 63216808

 Servicing: Alfa Romeo, Fiat, Seat  
 B+ M10, Total length 293.00, Gear type DD, Clutch type Dry, Mount. holes 3 (0)  
 A: 110.00 B: 27.00 mm

**110813** Starter 12 V, 2.7 kW

Replacing: MT71AC, MT71AB, MT71AA, MT71A, 63522235, 63217126, 63217125, 63217101, 30380319

 Servicing: Agrifull, Allis Chalmers, Benfra, Fiat, Fiat-Allis, Goldoni, Iveco  
 B+ M10, Total length 294.00, Gear type DD, Mount. holes 3 (0)  
 A: 110.00 B: 27.00 mm

**110814** Starter 12 V, 2.7 kW

Replacing: MT71DB, MT71DA, MT71D, 94317148, 63217148, 63217147, 63217104, 30180309

 Servicing: Alfa Romeo, Benfra, Fiat, Iveco, Lancia, Massey Ferguson, Renault  
 B+ M10, Total length 296.50, Gear type DD, Mount. holes 3 (0)  
 A: 110.00 B: 26.80 mm

**110818** Starter 12 V, 2.1 kW

 Replacing: 63227528, 63227413, 63226845  
 Servicing: Case, Fiat-Allis, Massey Ferguson  
 B+ M8, 15a 6.30, Total length 309.00, Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 24.60 mm

**110819** Starter 12 V, 2.8 kW

Replacing: 63227488, 63227480, 63227470, 27593A, 27571, 27540, 27522

 Servicing: Eicher, Massey Ferguson, Perkins  
 B+ M8, Total length 311.00, Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 23.00 mm

**110854** Starter 12 V, 1.4 kW

Replacing: 63223531, 63223530, 63223436, 63223431

 Servicing: Alfa Romeo, Fiat, Lancia  
 B+ M8, Total length 243.35, Gear type GR, Mount. holes 3 (0)  
 A: 66.25 B: 23.00 mm

**110867** Starter 12 V, 1.7 kW

Replacing: 63253020, 63226942

 Servicing: Ford, Mazda  
 B+ M8, Total length 265.00, Gear type GR, Mount. holes 3 (3)  
 A: 76.00 B: 14.25 mm

**111001** Starter 12 V, 3.0 kW

Replacing: MT68RA, MT68R, 63216816

 Servicing: Lamborghini, Same, Steyr  
 B+ M10, Total length 340.00, Gear type DD, Mount. holes 2 (0)  
 A: 82.00 B: 21.60 mm

**111010** Starter 12 V, 1.4 kW

Replacing: 63223434, 50246218

 Servicing: Audi, VW  
 B+ M8, 15a 6.30, Total length 243.25, Gear type GR, Mount. holes 2 (1)  
 A: 82.50 B: 20.80 mm

**111015** Starter 12 V, 1.1 kW

Replacing: 63521070

 Servicing: Lombardini, Various Agriculture Vehicles  
 B+ M8, Total length 216.25, Gear type GR, Clutch type Dry, Mount. holes 2 (0)  
 A: 76.00 B: 15.00 mm

**111025** Starter 12 V, 0.8 kW

Replacing: 63221890, 63221830, 63221800

 Servicing: Autobianchi, Fiat, Lancia  
 B+ M8, Total length 199.25, Gear type DD, Mount. holes 3 (2)  
 A: 64.00 B: 11.00 mm

**111058** Starter 12 V, 0.8 kW

Replacing: 63221535, 63221335, 63221307, 63221306, 63221305

 Servicing: Audi, Seat, VW  
 B+ M8, 15a 6.30, Total length 215.50, Gear type DD, Mount. holes 3 (2)  
 Bushing d.e. (clutch house): HC-CARGO 140500.  
 A: 82.35 B: 14.75 mm


**111088** Starter 12 V, 0.8 kW

Replacing: 63223304

Servicing: Daihatsu, Piaggio

B+ M8, Total length 209.80,

Gear type DD, Mount. holes 2 (0)

A: 64.60 B: 30.00 mm


**111106** Starter 12 V, 1.0 kW

 Replacing: 63321433, 63221632, 63221433,  
63221430, 63221403, 63221400

Servicing: Fiat, Lancia, Seat

B+ M8, Total length 232.00,

Gear type DD, Mount. holes 3 (3)

A: 82.00 B: 22.40 mm


**111117#** Starter 12 V, 1.1 kW

Replacing: 63223430, 63221533

Servicing: Fiat, Lancia

B+ M8, Total length 232.75,

Gear type GR, Mount. holes 3 (3)

A: 66.90 B: 12.45 mm


**111118** Starter 12 V, 0.9 kW

Replacing: 63221530, 63221500

Servicing: Fiat

B+ M8, Total length 230.00,

Gear type GR, Mount. holes 3 (3)

A: 67.00 B: 13.00 mm


**111131** Starter 12 V, 0.8 kW

Replacing: 943251688, 63253010, 63227014

Servicing: Austin, Ford, Mazda, Rover

B+ M8, Total length 208.75,

Gear type DD, Mount. holes 3 (3)

A: 76.15 B: 13.45 mm


**111217** Starter 12 V, 3.0 kW

Replacing: MT38RA, MT38R, MT38M

Servicing: Volvo, Volvo BM

B+ M10, B- M10, Total length 386.50,

Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm


**111228** Starter 12 V, 1.1 kW

 Replacing: E80-1.1/12V, 63223035, 63221637,  
50246532

Servicing: Fiat, Lancia

B+ M8, Total length 219.00,

 Gear type DD, Clutch type Dry,  
Mount. holes 3 (3)

A: 64.00 B: 12.40 mm


**111284** Starter 12 V, 2.5 kW

 Replacing: 63217163, 63217106,  
063217163010

 Servicing: Lamborghini, Sabb, Various  
Agriculture Vehicles

B+ M10, Total length 296.00,

Gear type DD, Mount. holes 2 (0)

A: 82.00 B: 21.00 mm


**111303** Starter 12 V, 0.8 kW

Replacing: 63227051

Servicing: Jaguar, Nissan

B+ M8, Total length 185.15,

Gear type DD/GR, Mount. holes 2 (1)

A: 69.95 B: 11.15 mm


**111310** Starter 12 V, 0.8 kW

Replacing: 63103019

Servicing: Chevrolet, GEO, Pontiac, Suzuki

B+ M8, Total length 190.50,

Gear type GR, Mount. holes 2 (2)

A: 75.00 B: 7.80 mm


**111346** Starter 12 V, 2.8 kW

 Replacing: 63227599, 63227598, 63227590,  
63227568, 63227565, 63227541

Servicing: Massey Ferguson

B+ M8, Total length 314.50,

 Gear type DD, Clutch type Dry,  
Mount. holes 3 (0)

A: 89.00 B: 29.50 mm


**111347** Starter 12 V, 1.2 kW

Replacing: 63111043, 63111023

 Servicing: Daewoo, Mercedes-Benz,  
Ssangyong, VW

B+ M8, Total length 219.80,

 Gear type GR, Clutch type Dry,  
Mount. holes 2 (2)

A: 82.35 B: 25.00 mm



9,10


**111400** Starter 12 V, 1.4 kW

Replacing: 63223433

Servicing: BMW

 B+ M8, 30h M5, Total length 246.00,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 2 (0)

A: 76.00 B: 22.00 mm



9


**111420** Starter 12 V, 0.9 kW

Replacing: 63222904, 63102003

Servicing: Fiat

 B+ M8, Total length 205.50,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 3 (1)

A: 64.00 B: 10.50 mm



9


**111421** Starter 12 V, 2.2 kW

Replacing: 63222138, 63222034

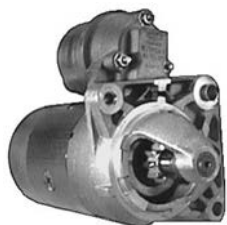
Servicing: Citroen, Fiat

 B+ M8, Total length 272.00,  
 Gear type GR, Mount. holes 3 (3)

A: 81.75 B: 26.60 mm



9,10


**111422** Starter 12 V, 0.8 kW

 Replacing: 63223200, 63222936, 63222890,  
 63222889, 63222888, 63101002

Servicing: Fiat, Lancia

 B+ M8, Total length 206.00,  
 Gear type DD, Mount. holes 3 (1)

A: 64.00 B: 11.50 mm



9


**111585** Starter 12 V, 0.8 kW

 Replacing: 63222908, 63222905, 63222897,  
 63222837, 63222836

Servicing: Fiat

 B+ M8, Total length 206.00,  
 Gear type DD, Mount. holes 3 (3)

A: 61.90 B: 13.00 mm



9


**111685** Starter 12 V, 1.4 kW

Replacing: 63223730, 63111007, 63111005

Servicing: Alfa Romeo, Fiat, Lancia

 B+ M8, Total length 211.80,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 3 (0)

A: 65.90 B: 10.80 mm



9


**111693** Starter 12 V, 2.5 kW

Replacing: MT74L, 63217410

Servicing: Fiat, Iveco, Multicar

 B+ M10, Total length 295.65,  
 Gear type DD/GR, Clutch type Dry,  
 Mount. holes 3 (1)

A: 110.00 B: 21.65 mm



10


**111750** Starter 12 V, 1.4 kW

Replacing: 63226689

Servicing: Ford

 B+ M8, 15a M5, Total length 208.50,  
 Gear type GR, Mount. holes 3 (3)

A: 76.00 B: 13.50 mm



10


**111755** Starter 12 V, 3.0 kW

Replacing: 63206834, 063206834010

Servicing: John Deere

 B+ M10, Total length 342.00,  
 Gear type DD, Mount. holes 2 (0)

A: 82.00 B: 34.00 mm



9


**111865** Starter 12 V, 1.7 kW

Replacing: 63226801

Servicing: Lancia, Land Rover

 B+ M8, Total length 268.00,  
 Gear type GR, Mount. holes 2 (0)

A: 73.00 B: 39.00 mm



10


**111906** Starter 12 V, 1.1 kW

Replacing: 63280010

Servicing: Ford, Mazda, Volvo

 B+ M8, Total length 214.35,  
 Gear type GR, Mount. holes 3 (3)

A: 76.00 B: 26.35 mm



9


**111911** Starter 12 V, 1.4 kW

 Replacing: 63293537, 63280070, 63223537,  
 63111006

 Servicing: Bertolini, BMW, Ford, Various  
 Agriculture Vehicles

 B+ M8, 30h M5, Total length 231.50,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 3 (2)

A: 76.00 B: 20.50 mm



**112026** Starter 12 V, 2.6 kW  
 Replacing: 63114014, 063114014010  
 Servicing: Citroen, Fiat, Peugeot  
 B+ M8, Total length 276.00,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 3 (3)  
 A: 81.50 B: 23.00 mm



**112034** Starter 12 V, 1.7 kW  
 Replacing: 63221435, 63221405  
 Servicing: ACME, Arona, BCS, Ferrari,  
 Goldoni, Hatz, Lombardini, Mosa, Ruggerini  
 B+ M8, Total length 233.30,  
 Gear type GR, Mount. holes 2 (0)  
 A: 76.00 B: 27.00 mm



**112039** Starter 12 V, 2.7 kW  
 Replacing: MT71GB, 63217158, 063217158010  
 Servicing: Fendt, Jenbacher Werke, KHD,  
 Lombardini  
 B+ M10, Total length 295.00,  
 Gear type DD, Mount. holes 2 (0)  
 A: 82.50 B: 21.00 mm



**112124** Starter 12 V, 0.9 kW  
 Replacing: 63223303, 63223101, 63223085,  
 63223033, 63223031, 63223001, 63222833,  
 63222831, 63103022, 63103007  
 Servicing: Citroen, Fiat, Lancia  
 B+ M8, Total length 206.00,  
 Gear type DD/GR, Mount. holes 3 (3)  
 A: 64.10 B: 11.00 mm



**112125#** Starter 12 V, 2.2 kW  
 Replacing: 63222135, 63222134, 63222038  
 Servicing: Alfa Romeo, Fiat, Ford, Lancia  
 B+ M8, Total length 272.00,  
 Gear type GR, Mount. holes 3 (3)  
 A: 82.40 B: 24.00 mm



**112136** Starter 12 V, 2.8 kW  
 Replacing: 63227601  
 Servicing: Massey Ferguson  
 B+ M8, Total length 340.50,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 3 (0)  
 A: 88.75 B: 48.30 mm



**112235** Starter 12 V, 1.4 kW  
 Replacing: 63280005, 63280001  
 Servicing: Ford, Mazda, Mercury  
 B+ M8, Total length 225.00,  
 Gear type GR, Mount. holes 3 (2)  
 A: 76.10 B: 13.00 mm



**112267** Starter 12 V, 2.5 kW  
 Replacing: 63227564  
 Servicing: Bobcat, Cummins, Ford  
 B+ M10, Total length 339.00,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 3 (0)  
 A: 89.00 B: 46.50 mm



**112277** Starter 12 V, 1.8 kW  
 Replacing: 63226920  
 Servicing: Perkins  
 B+ M8, 15a 6.30, Total length 261.00,  
 Gear type GR, Mount. holes 3 (0),  
 Insulated return  
 A: 88.90 B: 30.00 mm



**112289** Starter 12 V, 0.8 kW  
 Replacing: 63221431, 63221401  
 Servicing: Fiat, Innocenti, Lancia  
 B+ M8, 15a M5, Total length 224.00,  
 Gear type DD, Mount. holes 3 (3)  
 A: 64.20 B: 13.00 mm



**112309** Starter 12 V, 1.4 kW  
 Replacing: 63223438  
 Servicing: Audi, VW  
 B+ M8, 15a 6.30, Total length 245.00,  
 Gear type GR, Mount. holes 2 (1)  
 A: 76.00 B: 27.00 mm



**112340** Starter 12 V, 1.4 kW  
 Replacing: 63280002  
 Servicing: Ford, Mazda, Mercury  
 B+ M8, Total length 226.00,  
 Gear type GR, Mount. holes 3 (3)  
 A: 76.00 B: 4.00 mm



11


**112379** Starter 12 V, 1.8 kW

Replacing: 63113003, 063113003010

Servicing: Fiat

 B+ M8, Total length 221.35, Gear type GR, Clutch type Wet, Mount. holes 3 (0) *CANNOT replace Bosch 0001109048 and 0001108204. The Bosch numbers have a new HC-CARGO reference HC-CARGOref<sup>®</sup> 114321*

A: 82.00 B: 10.00 mm



9


**112380** Starter 12 V, 0.8 kW

Replacing: 63191007, 63101007

Servicing: Smart (MCC)

B+ M8, Total length 179.50, Gear type DD, Clutch type Wet, Mount. holes 2 (2)

A: 70.00 B: 14.70 mm



8,10


**112382** Starter 12 V, 0.8 kW

Replacing: 63103024, 63103015, 63102020, 63102018, 63102007, 63101018, 63101015

Servicing: Fiat, Lancia

B+ M8, Total length 191.00, Gear type DD, Clutch type Dry, Mount. holes 3 (1)

A: 64.50 B: 10.50 mm



9


**112390** Starter 12 V, 1.0 kW

Replacing: 63226631

Servicing: Lister

B+ M8, 15a 4.70, Total length 210.00, Gear type DD, Clutch type Wet, Mount. holes 3 (0)

A: 89.00 B: 27.00 mm



9


**112436** Starter 12 V, 2.3 kW

Replacing: 943253266010

Servicing: Citroen, Fiat, Peugeot

B+ M8, Total length 273.00, Gear type GR, Clutch type Dry, Mount. holes 3 (3)

A: 81.50 B: 21.50 mm



11


**112455** Starter 12 V, 1.4 kW

Replacing: 63223432

Servicing: Alfa Romeo, Fiat, Lancia, VW

B+ M8, 15a 6.30, Total length 241.00, Gear type GR, Clutch type Dry, Mount. holes 3 (0)

A: 68.00 B: 22.45 mm



10


**112498** Starter 24 V, 4.0 kW

Replacing: 63522310

Servicing: Iveco

B+ M10, Total length 315.00, Gear type DD, Clutch type Dry, Mount. holes 3 (0)

A: 88.75 B: 49.00 mm



9,11


**112533** Starter 12 V, 2.2 kW

Replacing: 63222035

Servicing: BMW, Land Rover, Opel, Vauxhall

B+ M8, 30h M5, Total length 271.75, Gear type GR, Clutch type Dry, Mount. holes 2 (0)

A: 76.00 B: 21.00 mm



9


**112537** Starter 12 V, 2.2 kW

Replacing: 943251415010, 50246416

Servicing: Audi, Fiat, VW

B+ M8, Total length 274.00, Gear type GR, Clutch type Dry, Mount. holes 2 (2)

A: 82.50 B: 22.00 mm



10


**112660** Starter 12 V, 2.8 kW

Replacing: 63227508

Servicing: Case

B+ M10, Total length 333.00, Gear type DD, Mount. holes 3 (0)

A: 88.80 B: 48.00 mm



19


**112821** Starter 12 V, 2.2 kW

Replacing: 63187051

Servicing: Ford, Jaguar

B+ M8, Total length 250.80, Gear type GR, Clutch type Wet, Mount. holes 2 (0)

B: 36.00 mm



9


**113182** Starter 12 V, 3.0 kW

Replacing: MSN2039

Servicing: New Holland

B+ M10, Total length 320.00, Gear type GR, Mount. holes 3 (0)

A: 110.00 B: 30.00 mm





**113254** Starter 12 V, 1.1 kW  
 Replacing: 63280091  
 Servicing: Citroen, Fiat, Peugeot, Toyota  
 B+ M8, Total length 206.00,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 4 (2)  
 A: 62.00 B: 14.00 mm



**113346** Starter 12 V, 0.8 kW  
 Replacing: 63230001, 63223104, 63223103,  
 30003A, 30002A, 30001A, 30000A  
 Servicing: MG, Rover  
 B+ M8, Total length 210.50,  
 Gear type DD/GR, Mount. holes 3 (0)  
 A: 67.00 B: 39.50 mm



**113381**<sup>#</sup> Starter 12 V, 2.5 kW  
 Replacing: MT71Z, 63217121  
 Servicing: Farymann, Fiat, Fiat-Allis, Goldoni  
 B+ M10, B- M8, Total length 315.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 109.70 B: 26.00 mm



**113430** Starter 12 V, 1.8 kW  
 Replacing: 63113002, 063113002010  
 Servicing: Alfa Romeo, Fiat, Lancia, Suzuki  
 B+ M8, Total length 226.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 81.50 B: 9.50 mm



**113446** Starter 12 V, 2.2 kW  
 Replacing: 63224017, 63222005, 63114017  
 Servicing: BMW, Land Rover, Opel, Vauxhall  
 B+ M8, 30h M5, Total length 239.00,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 2 (2)  
 Alternative no.: 115506   
 A: 76.00 B: 20.00 mm



**113467** Starter 12 V, 3.7 kW  
 Replacing: 943252216010  
 Servicing: Atlas Copco, Deutz-Fahr, Iveco  
 B+ M10, Total length 346.00, Gear type DD,  
 Clutch type Dry, Mount. holes 3 (0)  
 A: 88.80 B: 28.00 mm



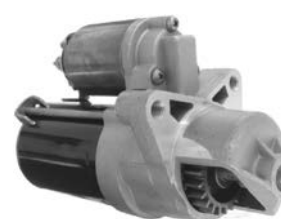
**113654** Starter 12 V, 3.0 kW  
 Replacing: 63280040  
 Servicing: JCB, Perkins  
 B+ M8, B- M8, Total length 292.00,  
 Gear type GR, Mount. holes 3 (0)  
*HC-CARGO 113654 is a Marelli/Denso version,  
 and cannot replace the Iskra version  
 ( HC-CARGOref<sup>®</sup> 114387 )*  
 A: 88.90 B: 30.50 mm



**113655** Starter 12 V, 3.0 kW  
 Replacing: 63280041  
 Servicing: Hattat Tarim, JCB, Perkins  
 B+ M8, Total length 291.00, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (0)  
*HC-CARGO 113655 is a Marelli/Denso version,  
 and cannot replace the Iskra version  
 ( HC-CARGOref<sup>®</sup> 114388 )*  
 A: 89.00 B: 30.50 mm



**113659** Starter 12 V, 0.9 kW  
 Replacing: 63280901  
 Servicing: Hyundai, Kia  
 B+ M8, Total length 186.00,  
 Gear type DD, Mount. holes 2 (2)  
 A: 77.00 B: 18.00 mm



**113701** Starter 12 V, 1.1 kW  
 Replacing: 63293538, 63223538  
 Servicing: Ford, Mazda  
 B+ M8, Total length 218.50, Gear type DD,  
 Clutch type Wet, Mount. holes 3 (2)  
*Comstar supply 23 tooth. Real supply 21 tooth.*  
 A: 71.00 B: 14.00 mm



**113750** Starter 12 V, 0.9 kW  
 Replacing: 63293039, 63223039  
 Servicing: Seat, VW  
 B+ M8, Total length 229.00,  
 Gear type DD, Mount. holes 4 (2)  
*HC-CARGOref<sup>®</sup> 114758 Marelli Version HC-  
 CARGOref<sup>®</sup> 113750 Bosch Version*  
 A: 82.50 B: 5.00 mm



**113752** Starter 12 V, 1.8 kW  
 Replacing: 63112003  
 Servicing: Fiat  
 B+ M8, Total length 240.00,  
 Gear type GR, Mount. holes 3 (3)  
 A: 81.80 B: 23.50 mm





11


**113925** Starter 12 V, 1.8 kW

Replacing: 63193001, 63113001

Servicing: BMW

B+ M8, 30h M5, Total length 215.00,

Gear type GR, Mount. holes 3 (2)

A: 76.00 B: 21.00 mm



8,9,10


**113962** Starter 12 V, 0.9 kW

Replacing: 63280042, 63103031, 63102022, 63101021

Servicing: Alfa Romeo, Fiat, Ford, Lancia

B+ M8, Total length 169.60,

Gear type DD/GR, Mount. holes 2 (1)

A: 64.10 B: 10.00 mm



11


**114072** Starter 12 V, 2.0 kW

Replacing: 63280071

Servicing: BMW, Mercedes-Benz

B+ M8, 30h M5, Total length 232.00,

Gear type GR, Mount. holes 2 (2)

A: 76.00 B: 21.00 mm



9


**114118** Starter 12 V, 1.4 kW

Replacing: 63223435

Servicing: BMW

B+ M8, 30h M5, Total length 244.00,

Gear type GR, Mount. holes 3 (0)

A: 75.90 B: 23.00 mm



8,9


**114123** Starter 12 V, 0.8 kW

Replacing: 63102021, 63101023, 63101022, 63101008, 63101003

Servicing: Fiat

B+ M8, 30h M6, Total length 190.00,

Gear type DD/GR, Mount. holes 3 (2)

A: 64.00 B: 12.00 mm



8

**NEW PRODUCT**
[www.hc-cargo.com](http://www.hc-cargo.com)
**115407\*** Starter 12 V, 1.4 kW

Replacing: 63111001

Servicing: Nissan

Gear type GR, Mount. holes 2 (2)

**NEW PRODUCT**
[www.hc-cargo.com](http://www.hc-cargo.com)
**115423\*** Starter 12 V, 2.4 kW

Replacing: MT71HB, 63217180

Mount. holes 2 (0)

A: 82.50 mm


**110205** Starter 24 V, 6.5 kW

Replacing: 9125100

Servicing: Volvo

 B+ M12, Total length 407.00,  
 Gear type DD, Mount. holes 3 (0),  
 Waterproof

A: 89.00 B: 47.50 mm


**110206** Starter 24 V, 5.4 kW

Replacing: 9125330, 9125260, 9125220

 Servicing: Claas, Fiat-Allis, Kössbohrer, MAN,  
 Mercedes-Benz, Neoplan, Setra

 B+ M12, B- M10, Total length 390.00,  
 Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 47.50 mm


**110207** Starter 24 V, 5.4 kW

Replacing: 9125240

Servicing: Volvo, Volvo BM

 B+ M10, B- M10, Total length 387.00,  
 Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.00 mm


**110208** Starter 24 V, 5.4 kW

Replacing: 9125250

 Servicing: Fiat-Allis, Mercedes-Benz, Steyr,  
 Volvo

 B+ M10, B- M10, Total length 387.00,  
 Gear type DD, Mount. holes 3 (0), Oil  
 sealed, Waterproof

A: 89.00 B: 48.50 mm


**110209** Starter 24 V, 5.4 kW

Replacing: 9125420

Servicing: DAF

 B+ M12, B- M10, Total length 387.00,  
 Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.00 mm


**110210** Starter 24 V, 6.6 kW

Replacing: 9125010

 Servicing: Fiat-Allis, Kössbohrer, MAN,  
 Mercedes-Benz, Mitsubishi, Neoplan,  
 Ssangyong

 B+ M12, B- M10, Total length 407.00,  
 Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 48.50 mm


**110212** Starter 24 V, 6.6 kW

Replacing: 9125460, 9125130

Servicing: Iveco, Scania

 B+ M12, B- M10, Total length 407.00,  
 Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 47.65 mm


**110213** Starter 24 V, 6.6 kW

Replacing: 9125020

Servicing: Fiat, Iveco

 B+ M12, B- M10, Total length 407.00,  
 Gear type DD, Mount. holes 3 (0)

A: 115.00 B: 20.80 mm


**110214** Starter 24 V, 6.6 kW

Replacing: 9125120

Servicing: Scania

 B+ M10, B- M10, Total length 407.00,  
 Gear type DD, Mount. holes 3 (0),  
 Insulated return

A: 92.00 B: 37.00 mm


**110338** Starter 12 V, 0.8 kW

Replacing: 9141325

Servicing: Fiat, Lancia, Zastava

 B+ M8, Total length 254.00,  
 Gear type DD, Mount. holes 3 (0)

A: 66.90 B: 12.00 mm


**110351#** Starter 12 V, 1.3 kW

Replacing: 9141317

Servicing: Lada

 B+ M8, Total length 245.00,  
 Gear type DD, Mount. holes 3 (0)  
*Bushing D.E. (clutch house): HC-CARGO  
 140043.*

A: 83.00 B: 34.00 mm


**110352** Starter 12 V, 1.3 kW

Replacing: 9141382

Servicing: Fiat, Lada

 B+ M8, Total length 237.00,  
 Gear type DD, Clutch type Wet,  
 Mount. holes 3 (3)

A: 83.00 B: 22.30 mm



**110461** Starter 12 V, 2.8 kW  
 Replacing: 9142860, 9142724  
 Servicing: Ford, Lancer Boss, Various Agriculture Vehicles  
 B+ M8, 30h M5, Total length 272.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 21.00 mm



**110462** Starter 12 V, 2.8 kW  
 Replacing: 9144965, 9142765  
 Servicing: Buhner, Ford, Matbro, New Holland  
 B+ M8, Total length 319.45,  
 Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 20.00 mm



**110464** Starter 12 V, 2.1 kW  
 Replacing: 91428729  
 Servicing: Carbodyes, DAF, Lancer Boss, Various Agriculture Vehicles  
 B+ M8, Total length 336.50,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 29.50 mm



**110512** Starter 24 V, 5.4 kW  
 Replacing: 9125340, 9125320  
 Servicing: Ahlmann, Irmer, Mercedes-Benz, Various Agriculture Vehicles  
 B+ M10, Total length 384.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 48.00 mm



**110517** Starter 24 V, 3.2 kW  
 Replacing: 9124320  
 Servicing: Benfra, Fiat-Allis, Iveco  
 B+ M10, Total length 295.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 110.00 B: 27.00 mm



**110518** Starter 24 V, 4.0 kW  
 Replacing: 9124330  
 Servicing: Benfra, Fiat, Fiat-Allis, Iveco  
 B+ M10, Total length 342.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 110.00 B: 27.00 mm



**110519** Starter 12 V, 3.0 kW  
 Replacing: 9142744  
 Servicing: Iveco, Volvo  
 B+ M10, Total length 340.50,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 48.00 mm



**110520** Starter 24 V, 4.0 kW  
 Replacing: 443115174622  
 Servicing: Cummins, Fiat-Allis  
 B+ M10, Total length 343.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 47.50 mm



**110521** Starter 24 V, 4.0 kW  
 Replacing: 9142320  
 Servicing: Benfra, Fiat, Fiat-Allis, Iveco  
 B+ M10, Total length 343.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 110.00 B: 27.00 mm



**110522** Starter 12 V, 3.0 kW  
 Replacing: 443115144723  
 Servicing: Fiat, Fiat-Allis, Iveco, New Holland  
 B+ M10, Total length 341.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 110.00 B: 26.50 mm



**110523** Starter 24 V, 4.8 kW  
 Replacing: 9174602, 9124310, 443115174602  
 Servicing: ABG, Ahlmann, Case, Compair, Iveco, KHD, Payloader  
 B+ M10, Gear type DD,  
 Mount. holes 3 (0)  
 A: 89.00 B: 27.50 mm



**110524** Starter 24 V, 4.0 kW  
 Replacing: 9124350  
 Servicing: Mercedes-Benz  
 B+ M10, Total length 341.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 48.00 mm



**110525** Starter 12 V, 3.0 kW  
 Replacing: 9142746, 443115144726  
 Servicing: Claas, Mercedes-Benz  
 B+ M10, Total length 341.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 48.00 mm



**110529** Starter 12 V, 3.0 kW  
 Replacing: 9144744  
 Servicing: Agrifull, Benfra, Fiat, Fiat-Allis, Iveco  
 B+ M10, Total length 340.50,  
 Gear type DD, Mount. holes 3 (0)  
 A: 110.00 B: 30.00 mm



**110530** Starter 12 V, 3.0 kW  
 Replacing: 9144821, 9144743, 9142880, 443115144743  
 Servicing: Huerlimann, Lamborghini, Same  
 B+ M10, Total length 342.00,  
 Gear type DD, Mount. holes 2 (0)  
 A: 82.00 B: 22.00 mm



**110532** Starter 24 V, 6.6 kW  
 Replacing: 9125030  
 Servicing: Iveco  
 B+ M10, B- M10, Total length 405.00,  
 Gear type DD, Mount. holes 3 (0),  
 Waterproof  
 A: 115.00 B: 21.00 mm



**110534** Starter 24 V, 5.4 kW  
 Replacing: 9125370  
 Servicing: Fiat, Ford, Iveco, Various Agriculture Vehicles  
 B+ M10, Total length 390.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 47.00 mm



**110535** Starter 24 V, 5.4 kW  
 Replacing: 9125400  
 Servicing: Iveco  
 B+ M10, B- M10, Total length 384.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 47.00 mm



**110536** Starter 12 V, 2.7 kW  
 Replacing: 9142803, 9142802  
 Servicing: ABG, Atlas Copco, Bobcat, Bomag, Bosch, Case, Claas, Deutz-Fahr, Fendt, Irmer, Iveco, KHD, Kramer, Mercedes-Benz  
 B+ M10, Total length 234.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 89.00 B: 28.00 mm



**110545** Starter 12 V, 3.0 kW  
 Replacing: 91455722, 9144722, 9142741, 443115144729, 443115144620, 443115144420, 44311514442  
 Servicing: Balkancar, Chang Feng (Liebao), Dronningborg, Sampo-Rosenlew, Ursus, Valtra, Zetor  
 B+ M10, Total length 335.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 48.00 mm



**110551** Starter 12 V, 3.0 kW  
 Replacing: 9144742, 443115144742, 443115144640, 443115144540  
 Servicing: Lamborghini, Same, Ursus, Zetor  
 B+ M10, Total length 326.50,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 47.00 mm



**110582** Starter 24 V, 5.4 kW  
 Replacing: 9125480, 9125270  
 Servicing: Iveco  
 B+ M10, B- M10, Total length 384.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 47.00 mm



**110587** Starter 12 V, 1.2 kW  
 Replacing: 9141400  
 Servicing: Citroen, Peugeot  
 B+ M8, Total length 208.20,  
 Gear type DD/GR, Clutch type Dry,  
 Mount. holes 3 (3)  
 A: 66.00 B: -4.00 mm



**110601** Starter 24 V, 5.4 kW  
 Replacing: 9125290, 9124340  
 Servicing: Mercedes-Benz, Steyr  
 B+ M10, Total length 384.25,  
 Gear type DD, Mount. holes 3 (0)  
 A: 88.85 B: 47.50 mm



**110615** Starter 12 V, 2.8 kW  
 Replacing: 9142728, 9142723, 443115142723  
 Servicing: Agco Allis, Agco White, Allis Chalmers, Atlas Copco, JCB, Massey Ferguson, Perkins  
 B+ M8, Total length 312.25,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 28.60 mm



**110813** Starter 12 V, 2.7 kW  
 Replacing: 9144745  
 Servicing: Agrifull, Allis Chalmers, Benfra, Fiat, Fiat-Allis, Goldoni, Iveco  
 B+ M10, Total length 294.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 110.00 B: 27.00 mm



**110818** Starter 12 V, 2.1 kW  
 Replacing: 9142764  
 Servicing: Case, Fiat-Allis, Massey Ferguson  
 B+ M8, 15a 6.30, Total length 309.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 24.60 mm



**110867** Starter 12 V, 1.7 kW  
 Replacing: 9141384  
 Servicing: Ford, Mazda  
 B+ M8, Total length 265.00,  
 Gear type GR, Mount. holes 3 (3)  
 A: 76.00 B: 14.25 mm



**110932** Starter 24 V, 5.4 kW  
 Replacing: 9125430  
 Servicing: DAF  
 B+ M10, B- M10, Total length 384.50,  
 Gear type DD, Mount. holes 3 (0),  
 Insulated return  
 A: 88.85 B: 47.00 mm



**110980** Starter 24 V, 5.4 kW  
 Replacing: 9125500  
 Servicing: Volvo  
 B+ M10, B- M10, Total length 387.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 47.00 mm



**111001** Starter 12 V, 3.0 kW  
 Replacing: 9144820  
 Servicing: Lamborghini, Same, Steyr  
 B+ M10, Total length 340.00,  
 Gear type DD, Mount. holes 2 (0)  
 A: 82.00 B: 21.60 mm



**111041** Starter 12 V, 2.8 kW  
 Replacing: 9142740, 443115142740  
 Servicing: Fiat-Allis, Hyster, Perkins  
 B+ M10, Total length 338.50,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 3 (0)  
 Replacing: 22MT, 27MT, 28MT.  
 A: 88.85 B: 46.25 mm



**111059** Starter 12 V, 0.9 kW  
 Replacing: 9141391  
 Servicing: Seat, VW  
 B+ M8, 15a 6.30, Total length 230.00,  
 Gear type DD/GR, Clutch type Dry,  
 Mount. holes 3 (0)  
 Bushing D.E. (clutch house): HC-CARGO 140008.  
 A: 76.00 B: 33.00 mm



**111060** Starter 12 V, 1.7 kW  
 Replacing: 9141393  
 Servicing: VW  
 B+ M8, Total length 264.35,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 3 (0)  
 Bushing D.E. (clutch house): HC-CARGO 140018.  
 A: 76.00 B: 31.80 mm



**111070** Starter 12 V, 1.7 kW  
 Replacing: 9141404  
 Servicing: Citroen, Fiat, Hyundai, Lancia, Peugeot, Suzuki, Talbot  
 B+ M8, Total length 230.00,  
 Gear type GR, Mount. holes 3 (3)  
 A: 66.00 B: -6.50 mm



**111214** Starter 12 V, 1.0 kW  
 Replacing: 9141430, 9141310, 443115142350,  
 443115141311, 443115141310  
 Servicing: Skoda, VW  
 B+ M8, Total length 194.75,  
 Gear type GR, Mount. holes 2 (0)  
 A: 76.00 B: 26.45 mm



**111218** Starter 24 V, 5.4 kW  
 Replacing: 9125350  
 Servicing: Volvo Penta  
 B+ M10, B- M10, Total length 388.00,  
 Gear type DD, Mount. holes 3 (0),  
 Insulated return  
 A: 89.00 B: 47.00 mm



**111219** Starter 24 V, 5.4 kW  
 Replacing: 9125490  
 Servicing: Volvo Penta  
 B+ M10, B- M10, Total length 407.00,  
 Gear type DD, Mount. holes 3 (0),  
 Insulated return  
 A: 89.00 B: 47.40 mm



**111231** Starter 24 V, 6.6 kW  
 Replacing: 9125150  
 Servicing: Renault V.I.  
 B+ M10, B- M10, Total length 405.00,  
 Gear type DD, Mount. holes 3 (0),  
 Insulated return  
 A: 89.00 B: 40.25 mm



**111241** Starter 12 V, 1.2 kW  
 Replacing: 9141350  
 Servicing: Dodge, Hyundai, Kia, Mitsubishi  
 B+ M8, Total length 207.80,  
 Gear type GR, Mount. holes 2 (2)  
 A: 73.00 B: 17.00 mm



**111249** Starter 24 V, 5.4 kW  
 Replacing: 9125300  
 Servicing: Various Industrial applications  
 B+ M10, Total length 381.80,  
 Gear type DD, Mount. holes 3 (0),  
 Waterproof  
 A: 89.00 B: 48.25 mm



**111332** Starter 12 V, 2.7 kW  
 Replacing: 9142801, 9142701, 443115142801,  
 443115142701  
 Servicing: Fendt, Renault Agriculture  
 B+ M8, Total length 293.55,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 21.00 mm



**111619** Starter 12 V, 1.7 kW  
 Replacing: 9141385  
 Servicing: Fiat, Seat  
 B+ M8, Total length 263.00,  
 Gear type GR, Mount. holes 3 (3)  
 A: 82.50 B: 24.00 mm



**111693** Starter 12 V, 2.5 kW  
 Replacing: 9142840  
 Servicing: Fiat, Iveco, Multicar  
 B+ M10, Total length 295.65,  
 Gear type DD/GR, Clutch type Dry,  
 Mount. holes 3 (1)  
 A: 110.00 B: 21.65 mm



**111748** Starter 12 V, 1.1 kW  
 Replacing: 9141394  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 B+ M8, Total length 223.00,  
 Gear type GR, Mount. holes 3 (0)  
 Bushing D.E. (clutch house): HC-CARGO  
 140018.  
 A: 76.00 B: 33.00 mm



**111749** Starter 12 V, 1.1 kW  
 Replacing: 9141413  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 B+ M8, Total length 245.00,  
 Gear type GR, Mount. holes 2 (0)  
 Bushing D.E. (clutch house): HC-CARGO  
 140018.  
 A: 76.00 B: 52.00 mm



**111752** Starter 12 V, 2.7 kW  
 Replacing: 9142805  
 Servicing: Case, Payloader  
 B+ M10, Total length 342.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 47.00 mm



**111755** Starter 12 V, 3.0 kW  
 Replacing: 9142700  
 Servicing: John Deere  
 B+ M10, Total length 342.00,  
 Gear type DD, Mount. holes 2 (0)  
 A: 82.00 B: 34.00 mm



**111855** Starter 12 V, 2.2 kW  
 Replacing: 9142900, 9142726, 443115142726  
 Servicing: KHD, Various Agriculture Vehicles  
 B+ M8, Total length 267.00,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 2 (0)  
 A: 82.50 B: 23.00 mm



**111909** Starter 12 V, 1.1 kW  
 Replacing: 915111A, 443115141394,  
 443115141313  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 B+ M8, Total length 212.00,  
 Gear type GR, Mount. holes 3 (0)  
 Alternative no.: 115504   
 A: 76.25 B: 32.00 mm



**112005** Starter 12 V, 1.1 kW  
 Replacing: 915111D  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Total length 211.50,  
 Gear type GR, Clutch type Wet,  
 Mount. holes 2 (0)  
 A: 76.00 B: 52.00 mm



**112074** Starter 12 V, 3.1 kW  
 Replacing: 9142766  
 Servicing: Ford, New Holland  
 B+ M8, Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 21.00 mm



**112118#** Starter 24 V, 6.6 kW  
 Replacing: 9125040  
 Servicing: Isotta Fraschini, Iveco  
 B+ M12, B- M10, Total length 405.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 48.00 mm



**112119** Starter 24 V, 6.6 kW  
 Replacing: 9125110  
 Servicing: Scania  
 B+ M10, B- M10, Total length 406.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 37.00 mm



**112131** Starter 12 V, 1.4 kW  
 Replacing: 9141410  
 Servicing: VW  
 B+ M8, 15a 6.30, Total length 244.00,  
 Gear type GR, Mount. holes 2 (0)  
 Bushing D.E. (clutch house): HC-CARGO  
 140018.  
 A: 76.00 B: 52.00 mm



**112133#** Starter 12 V, 1.7 kW  
 Replacing: 9141414  
 Servicing: Seat, VW  
 B+ M8, Total length 282.50,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 2 (0)  
 Bushing D.E. (clutch house): HC-CARGO  
 140018.  
 A: 76.00 B: 52.50 mm



**112167** Starter 12 V, 1.8 kW  
 Replacing: 9141319  
 Servicing: VW  
 B+ M8, Total length 236.00,  
 Gear type GR, Mount. holes 3 (0)  
 Bushing D.E. (clutch house): HC-CARGO  
 140018.  
 A: 76.00 B: 52.00 mm



**112286** Starter 12 V, 1.7 kW  
 Replacing: 915109E, 9141396, 9141395,  
 443115141395  
 Servicing: Audi, Ford, Mercedes-Benz, Seat,  
 Skoda, VW  
 B+ M8, Total length 236.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 76.10 B: 32.00 mm



**112306** Starter 12 V, 1.1 kW  
 Replacing: 9141390  
 Servicing: VW  
 B+ M8, Total length 254.00, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (0)  
 Bushing D.E. (clutch house): HC-CARGO  
 140018.  
 A: 76.00 B: 52.00 mm



**112388** Starter 12 V, 1.0 kW  
 Replacing: 9141331, 443115141338,  
 443115141331  
 Servicing: Skoda  
 B+ M8, Total length 199.00,  
 Gear type GR, Clutch type Wet,  
 Mount. holes 3 (1)  
 A: 50.00 B: 21.00 mm



**112429** Starter 12 V, 2.0 kW  
 Replacing: 915109D  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 B+ M8, Total length 259.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 76.00 B: 62.00 mm



**112442** Starter 12 V, 3.0 kW  
 Replacing: 9142745  
 Servicing: John Deere  
 B+ M10, Total length 315.00,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 3 (0)  
 A: 89.00 B: 48.00 mm



**112488** Starter 12 V, 2.7 kW  
 Replacing: 9142780, 443115142780  
 Servicing: Belarus  
 B+ M10, Total length 238.50,  
 Gear type GR, Clutch type Wet,  
 Mount. holes 3 (0)  
 A: 100.00 B: 32.00 mm



**112822** Starter 24 V, 4.5 kW  
 Replacing: 9122110  
 Servicing: Iveco  
 B+ M10, Total length 293.00,  
 Gear type GR, Clutch type Wet,  
 Mount. holes 3 (0)  
 A: 89.00 B: 49.00 mm



**113269** Starter 12 V, 3.0 kW  
 Replacing: 9144702, 9142709, 9142702,  
 446115144702, 444115144702, 443115144702,  
 443115142709, 443115142702  
 Servicing: Atlas Copco, Barber Greene,  
 Benford, Case, Daewoo, Matbro, Perkins,  
 Thwaites  
 B+ M10, Total length 234.50,  
 Gear type GR, Mount. holes 3 (0)  
 A: 88.80 B: 31.50 mm



**113356** Starter 24 V, 3.5 kW  
 Replacing: 9172780, 9172702  
 Servicing: Belarus, GAZ, ZIL  
 B+ M10, Total length 235.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 99.90 B: 32.00 mm



**113677** Starter 12 V, 1.1 kW  
 Replacing: 443115141319  
 Servicing: VW  
 B+ M8, Total length 213.15,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 3 (0)  
 A: 76.00 B: 52.50 mm



**114034** Starter 12 V, 1.0 kW  
 Replacing: 9999984, 915101A  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Total length 194.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 76.00 B: 52.50 mm



**114254** Starter 12 V, 2.7 kW  
 Replacing: 9142722, 443115144722  
 Servicing: Balkancar, Chang Feng (Liebao),  
 Dronningborg, Sampo-Rosenlew, Ursus,  
 Valtra, Zetor  
 B+ 9.70, Total length 237.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 89.00 B: 49.40 mm



**114388** Starter 12 V, 3.2 kW  
 Replacing: 9142903  
 Servicing: Hattat Tarim, JCB, Perkins  
 B+ M8, B- M8, 30h M10,  
 Total length 296.50, Gear type DD,  
 Mount. holes 3 (0)  
*Iskra version.*  
 A: 89.00 B: 32.50 mm




**110312** Starter 12 V, 1.0 kW

Replacing: SM442-10, SM422-07, SM402-21N, SM402-17N, SM402-17, SM302-25, SM302-15, SM302-12, SM302-10

Servicing: Honda, Rover

B+ M8, Total length 178.00,

Gear type GR, Mount. holes 2 (0)

A: 75.00 B: 32.40 mm


**111442** Starter 12 V, 1.4 kW

Replacing: SM402-02, SM302-48, SM302-46, SM302-40, SM302-24, SM302-16, SM302-04

Servicing: Acura, Honda, Rover

B+ M8, Total length 211.50,

Gear type GR, Clutch type Wet, Mount. holes 2 (0)

A: 75.00 B: 33.50 mm


**111543#** Starter 12 V, 1.4 kW

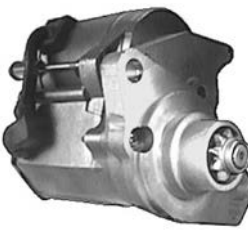
Replacing: SM402-10N, SM402-10, SM302-41N, SM302-28, SM302-27, SM302-18

Servicing: Honda, Mazda

B+ M8, Total length 199.25,

Gear type GR, Clutch type Wet, Mount. holes 2 (0)

A: 75.00 B: 40.00 mm


**111546#** Starter 12 V, 1.6 kW

Replacing: SM302-19

Servicing: Acura, Honda, Rover, Sterling

B+ M8, Total length 211.00,

Gear type GR, Mount. holes 3 (0)

A: 75.00 B: 40.00 mm


**111917** Starter 12 V

Replacing: SM13237

Servicing: Yamaha

B+ M6, Total length 168.00,

Gear type DD, Mount. holes 2 (0)

A: 30.00 mm


**111921** Starter 12 V, 0.6 kW

Replacing: SM13213

Servicing: Honda

B+ M6, Total length 193.00,

 Gear type DD, Mount. holes 2 (0) *OBS*
*Please control rotational direction. This starter is anticlockwise.*

A: 30.00 B: 36.00 mm


**111922** Starter 12 V

Replacing: SM10230, LT80-CS90

Servicing: Suzuki

B+ 6.30, Total length 152.00,

Gear type GR, Mount. holes 2 (2)

A: 46.00 B: 17.00 mm


**111923** Starter 12 V, 0.6 kW

Replacing: SM13232

Servicing: Honda

B+ M6, Total length 193.00,

Gear type DD, Mount. holes 2 (0)

A: 30.00 B: 36.00 mm


**111924** Starter 12 V, 0.6 kW

Replacing: SM13233

Servicing: Honda

B+ M6, Total length 182.00,

Gear type DD, Mount. holes 2 (0)

A: 30.00 B: 34.00 mm


**111926** Starter 12 V, 0.6 kW

Replacing: SM13422

Servicing: Honda

B+ M6, Total length 193.50,

 Gear type DD, Mount. holes 2 (0) *OBS*
*Please control rotational direction. This starter has clockrotation. Starter 111921 is anticlockwise.*

A: 30.00 B: 35.50 mm


**111927** Starter 12 V, 0.6 kW

Replacing: SM13475

Servicing: Honda

B+ M6, Total length 145.00,

Gear type DD, Mount. holes 2 (0)

A: 29.90 B: 41.00 mm


**112010** Starter 12 V

Replacing: 3240-110

Servicing: Kawasaki, Polaris, Sea Doo

B+ M6, Total length 188.50,

Gear type DD, Mount. holes 3 (0)

A: 30.00 mm



**112011** Starter 12 V, 0.6 kW  
 Replacing: 63M818-00  
 Servicing: Yamaha  
 B+ M6, Total length 182.20,  
 Gear type DD  
 A: 30.00 mm



**112214** Starter 12 V, 1.6 kW  
 Replacing: SM44223, SM442-23, SM422-27,  
 SM422-16, SM422-14, SM402-05N, SM402-05,  
 SM402-04N, SM402-04  
 Servicing: Honda, Rover  
 B+ M8, Total length 210.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 75.00 B: 40.00 mm



**113024** Starter 12 V, 1.6 kW  
 Replacing: SM402-15N, SM402-15, SM402-03N,  
 SM402-03  
 Servicing: Honda  
 B+ M8, Total length 211.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 75.00 B: 33.00 mm



**113392** Starter 12 V, 1.6 kW  
 Replacing: SM442-29, SM442-01  
 Servicing: Acura, Honda  
 B+ M8, Total length 210.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 74.90 B: 33.00 mm



**113394#** Starter 12 V, 1.0 kW  
 Replacing: SM442-13  
 Servicing: Honda  
 B+ M8, Total length 196.50,  
 Gear type GR, Mount. holes 2 (0)  
 A: 74.90 B: 40.00 mm



**113398** Starter 12 V, 1.6 kW  
 Replacing: SM442-02, SM422-02  
 Servicing: Acura, Honda, Isuzu  
 B+ M8, Total length 208.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 74.90 B: 32.50 mm



**113399#** Starter 12 V, 1.0 kW  
 Replacing: SM422-09  
 Servicing: Acura, Honda  
 B+ M8, Total length 209.00,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 2 (0)  
 A: 75.00 B: 32.75 mm



**113409** Starter 12 V, 1.6 kW  
 Replacing: SM422-28  
 Servicing: Honda  
 B+ M8, Total length 209.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 74.90 B: 32.50 mm



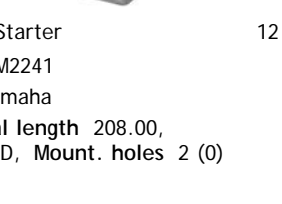
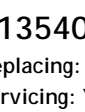
**113527** Starter 12 V, 0.6 kW  
 Replacing: SM13298  
 Servicing: Polaris, Various Industrial  
 applications  
 B+ M6, Total length 149.85,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 3 (3)  
 Drive: HC-CARGO 230762.  
 A: 61.00 mm



**113528** Starter 12 V  
 Replacing: 3084981  
 Servicing: Polaris  
 B+ M6, Total length 159.00,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 2 (0)  
 A: 30.00 mm



**113538** Starter 12 V  
 Replacing: SM224  
 Servicing: Honda  
 B+ M6, Total length 188.00,  
 Gear type GR



**113540** Starter 12 V  
 Replacing: SM2241  
 Servicing: Yamaha  
 B+ M6, Total length 208.00,  
 Gear type DD, Mount. holes 2 (0)  
 Short shaft.



**113541** Starter 12 V

Replacing: SM13277  
 Servicing: Yamaha  
 B+ M6, Total length 254.90,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 2 (0)  
 Long shaft.  
 A: 48.00 mm



**113821** Starter 12 V, 1.6 kW

Replacing: SM710-05, SM710-02, SM612-09  
 Servicing: Acura, Honda  
 B+ M8, Total length 210.00,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 2 (0)  
 A: 75.00 B: 33.00 mm



**113546** Starter 12 V

Replacing: SM7255  
 Servicing: Yamaha  
 B+ M6, Total length 176.00,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 2 (2)  
 A: 30.00 mm



**114137** Starter 12 V, 1.2 kW

Replacing: SM710-01  
 Servicing: Honda  
 B+ M8, Total length 215.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 75.00 B: 34.00 mm



**113547** Starter 12 V

Replacing: SMU0064  
 Servicing: Yamaha  
 B+ M5S, Total length 175.20,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 2 (2)



**114715** Starter 12 V, 0.6 kW

Replacing: SM13449  
 Servicing: Honda  
 B+ M6, Total length 196.00,  
 Gear type PMDD, Mount. holes 2 (0), Not  
 Insulated return  
 A: 30.00 mm



**113671** Starter 12 V

Replacing: SM11  
 Servicing: Honda, Various Industrial  
 applications  
 B+ M6, Total length 164.00,  
 Gear type GR, Mount. holes 2 (0)


**110142** Starter 12 V, 1.0 kW

Replacing: MWV4R, MWV3R, MCA02-2, MCA02-0, M2T42981, M2T20181D, M2T20181A, M2T20181, M2T10171, M002T42981

Servicing: Nissan

B+ M8, Total length 216.00,  
Gear type DD, Mount. holes 2 (0)  
A: 70.00 B: 11.40 mm


**110144** Starter 12 V, 1.0 kW

Replacing: MQJR, MQJ2R, MQJ1R, MES07-1, MEA07-11, MEA07-1, MEA07-0, M3T20681, M3T10672, M003T20681, M003T10672

Servicing: Nissan, TCM

B+ M8, Total length 194.30,  
Gear type DD, Mount. holes 2 (0)  
A: 82.25 B: 8.00 mm


**110149** Starter 12 V, 0.9 kW

Replacing: ME110JA, M3T49585, M3T39385, M3T33588, M3T33587, M3T33586A, M3T33586, M3T33582A, M3T33582, M3T33581

Servicing: Mazda, Mercury

B+ M8, Total length 198.00,  
Gear type DD, Mount. holes 3 (2)  
A: 74.00 B: 15.00 mm


**110155** Starter 12 V, 1.0 kW

Replacing: MXYR, MEY3R, MEY1R, MED02-2, MED02-1, MEA13-2, MEA13-1, ME-Y1R, M3T11272, M003T11272

Servicing: Komatsu, Nissan, TCM

B+ M8, Total length 191.00,  
Gear type DD, Mount. holes 2 (0)  
A: 83.00 B: 7.50 mm


**110157** Starter 12 V, 1.0 kW

Replacing: MED03-4, MED03-3, MED03-2, MED03-1, MED02-0, MEA24-1, MEA03-4, MEA03-2, MEA03-1, MEA03-0, MD034212

Servicing: Dodge, Hyundai, Mitsubishi, Plymouth

B+ M8, Total length 128.00,  
Gear type DD, Mount. holes 2 (2)  
A: 77.00 B: 17.50 mm


**110158** Starter 12 V, 1.2 kW

Replacing: PW501783, MD316001, MD180238, MD162836, MD161437, MD081568, MD081567, MD034121, MD034120, MD021685

Servicing: Dodge, Eagle, Hyundai, Mitsubishi, Plymouth, Proton

B+ M8, Total length 233.00,  
Gear type DD, Mount. holes 2 (2)  
A: 77.00 B: 18.00 mm


**110182** Starter 12 V, 0.9 kW

Replacing: M3T10476D, M3T10476, M3T10475, M3T10473, M0T92581, M0T84381A, M0T84381, M003T10476D, M003T10476

Servicing: Mitsubishi, Various Agriculture Vehicles, Yale

B+ M8, Total length 201.50,  
Gear type DD, Mount. holes 2 (0)  
A: 74.00 B: 18.00 mm


**110277** Starter 12 V, 0.8 kW

Replacing: MED04-2, MEC04-2, MEC01-2, MEC01-1, MEC01-0, MEA95-0, M3T41681, M3T38481, M3T29482, M3T29481

Servicing: Nissan

B+ M8, Total length 190.00,  
Gear type DD, Mount. holes 2 (0)  
A: 82.35 B: 6.80 mm


**110278** Starter 12 V, 0.8 kW

Replacing: M3T42281, M3T41381, M3T27688, M3T27686N, M3T27686H, M3T27686D, M3T27686, M3T27685, M3T27681

Servicing: Nissan

B+ M8, Total length 192.00,  
Gear type DD, Mount. holes 2 (2)  
A: 82.00 B: 3.00 mm


**110279** Starter 12 V, 0.8 kW

Replacing: M3T37782, M3T37081, M3T27781D, M3T27781, M2T49282, M2T49281, M2T37081, M2T27781, M2T23181

Servicing: Nissan, VW

B+ M8, Total length 227.50,  
Gear type DD, Mount. holes 2 (0)  
A: 70.00 B: 42.00 mm


**110280** Starter 12 V, 1.2 kW

Replacing: M2T52082, M2T52081, M2T52071, M2T50181, M2T50171, M002T52082, M002T52081, M002T52071, M002T50181

Servicing: Nissan

B+ M8, Total length 211.80,  
Gear type GR, Mount. holes 2 (0)  
A: 82.45 B: 7.20 mm



**110283#** Starter 12 V, 1.0 kW  
 Replacing: MEA01-2AR, MEA01-0, M3T11174, M3T11172, M3T10071, M1T11174, M1T11173, M1T11172, M003T11174  
 Servicing: Mazda  
 B+ M8, Total length 206.50,  
 Gear type DD, Mount. holes 2 (0)  
 A: 74.00 B: 19.70 mm



**110291#** Starter 12 V, 1.2 kW  
 Replacing: MD021866, MD021666, M4T14872, M4T14771, M4T14572, M004T14771, M004T14572  
 Servicing: Dodge, Mitsubishi, Plymouth  
 B+ M8, Total length 256.00,  
 Gear type DD, Mount. holes 2 (2)  
 A: 77.00 B: 17.60 mm



**110292** Starter 12 V, 1.1 kW  
 Replacing: MM115517, MM115514, MM115513, MD189054, MD115514, M3T42881, M3T32681, M3T25981, M3T24917, M3T22681  
 Servicing: Mitsubishi  
 B+ M8, Total length 206.80,  
 Gear type DD, Mount. holes 2 (0)  
 A: 77.00 B: 19.00 mm



**110315** Starter 12 V, 0.9 kW  
 Replacing: MD162837, MD107615, MD100431, MD066761, MD027401, MD027400, MD021674, MD016921, M4T14772, M3T41285  
 Servicing: Dodge, Hyundai, Kia, Mitsubishi, Plymouth, Proton  
 B+ M8, Total length 208.00,  
 Gear type DD/GR, Mount. holes 2 (2)  
 A: 77.00 B: 18.40 mm



**110386** Starter 12 V, 1.9 kW  
 Replacing: MG120560  
 Servicing: Nissan  
 B+ M8, Total length 242.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 82.50 B: 10.50 mm



**110389** Starter 12 V, 2.0 kW  
 Replacing: M2T92071A, M2T92071, M002T92071A, M002T92071  
 Servicing: Asia Motors, Ford, Kia, Mazda, Suzuki  
 B+ M8, Total length 232.00,  
 Gear type GR, Mount. holes 3 (2)  
 A: 88.00 B: 6.00 mm



**110394** Starter 12 V, 0.85 kW  
 Replacing: M3T41781, M3T39981, M3T38981, M3T34782, M3T34781, M3T31471, M1T74583ZC, M1T74583, M1T74581  
 Servicing: Chevrolet, GEO, Suzuki  
 B+ M8, Total length 207.00,  
 Gear type DD/GR, Mount. holes 2 (0)  
 A: 65.85 B: 4.35 mm



**110415** Starter 12 V, 1.4 kW  
 Replacing: M2T58381, M002T58381  
 Servicing: Nissan  
 B+ M8, Total length 221.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 82.50 B: 8.00 mm



**110421** Starter 12 V, 0.8 kW  
 Replacing: M3T49982, M3T49981, M3T33481, M3T33181, M3T29681, M003T49982, M003T49981, M003T33481, M003T33181  
 Servicing: Daihatsu, Kubota, Suzuki, Toyota, Various Agriculture Vehicles  
 B+ M8, Total length 188.00,  
 Gear type DD, Mount. holes 2 (0)  
 A: 66.00 B: 16.00 mm



**110479** Starter 12 V, 0.9 kW  
 Replacing: MD016920, M3T32585, M003T32585  
 Servicing: Hyundai, Mitsubishi  
 B+ M8, Total length 189.00,  
 Gear type DD, Mount. holes 2 (2)  
 A: 77.00 B: 17.00 mm



**110572** Starter 12 V, 1.2 kW  
 Replacing: MD320618, MD318086, MD171228, M2T58681, M1T79781, M1T79681, M002T58681, M001T79781, M001T79681  
 Servicing: Mitsubishi, Nissan  
 B+ M8, Total length 207.75,  
 Gear type GR, Mount. holes 2 (0)  
 A: 76.95 B: 17.30 mm



**110576** Starter 24 V, 3.2 kW  
 Replacing: ME017089, ME017085, ME017061, ME017056, ME017036, ME017035, ME017034, M2T67884, M2T67883, M2T67882  
 Servicing: Mitsubishi  
 B+ M8, Total length 243.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 60.00 B: 19.40 mm


**110578** Starter 12 V, 2.0 kW

Replacing: M3T66074, M3T66073, M3T66072, M3T66071, M2T66074, M2T60073, M2T60072, M2T60071, M2T54372, M2T54371

Servicing: Ford, Mazda

 B+ M8, Total length 241.00,  
 Gear type GR, Mount. holes 3 (1)

A: 89.95 B: 41.00 mm


**110584** Starter 12 V, 1.2 kW

Replacing: M3T40371, M003T40371

Servicing: Citroen, Peugeot

 B+ M8, Total length 210.00,  
 Gear type GR, Mount. holes 3 (1)

A: 66.00 B: -6.00 mm


**110585** Starter 12 V, 1.2 kW

Replacing: M3T32989, M3T32988, M3T32986, M3T32985, M003T32989, M003T32988, M003T32986, M003T32985

Servicing: Renault, Volvo

 B+ M8, Total length 214.15,  
 Gear type DD, Mount. holes 4 (4)

A: 66.00 B: -2.00 mm


**110807** Starter 12 V, 0.85 kW

Replacing: M3T33081, M1T71811, M003T33081, M001T71811

Servicing: Ford, Kia, Mazda, Opel

 B+ M8, Total length 197.25,  
 Gear type DD, Mount. holes 2 (0)

A: 70.00 B: 20.50 mm


**110808** Starter 12 V, 0.85 kW

Replacing: M3T49781, M3T49581, M3T49481, M3T49381, M3T43581, M3T39481, M3T38885, M3T38884, M3T38883, M3T38882C

Servicing: Ford, Kia, Mazda

 B+ M8, Total length 197.00,  
 Gear type DD, Mount. holes 3 (2)

A: 74.00 B: 14.50 mm


**110809** Starter 12 V, 2.0 kW

Replacing: MD191435, MD191433, MD164975, MD162975, MD156986, MD084414, MD070934, MD069166, MD061154, MD050205

Servicing: Dodge, Hyundai, Mitsubishi, Proton

 B+ M8, Total length 241.45,  
 Gear type GR, Mount. holes 2 (2)

A: 76.90 B: 0.00 mm


**110810** Starter 12 V, 1.4 kW

Replacing: M1T77381ZC, M1T77381, M1T71881A, M1T71881, M1T71281ZC, M1T71281B, M1T71281AC, M1T71281A, M1T71281

Servicing: Ford, Kia, Mazda

 B+ M8, Total length 208.00,  
 Gear type GR, Mount. holes 3 (2)

A: 73.50 B: 16.00 mm


**110811** Starter 12 V, 1.2 kW

Replacing: MD174483, MD172860, MD162839, MD099667, MD072582, M1T70485A, M1T70485, M1T70483ZC, M1T70483

Servicing: Dodge, Eagle, Hyundai, Kia, Mazda, Mitsubishi, Plymouth

 B+ M8, Total length 206.50,  
 Gear type GR, Mount. holes 2 (2)

A: 77.00 B: 17.25 mm


**110824#** Starter 12 V, 1.1 kW

Replacing: M1T50071, M001T50071

Servicing: Audi, Porsche, VW

 B+ M8, 15a M5, Total length 255.50,  
 Gear type DD, Mount. holes 2 (1)

A: 82.00 B: 20.60 mm


**110856** Starter 12 V, 0.6 kW

Replacing: A3T02192, A003T02192

Servicing: Renault

 B+ M8, Total length 208.50,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 2 (0)

A: 66.00 B: 21.00 mm


**110865** Starter 12 V, 0.95 kW

Replacing: M3T80571, M003T80571

Servicing: Audi, VW

 B+ M8, 15a 6.30, Total length 228.75,  
 Gear type DD, Mount. holes 3 (3)  
 Bushing d.e. (clutch house): HC-CARGO  
 140500.

A: 82.50 B: 15.00 mm


**110933** Starter 12 V, 1.4 kW

Replacing: MM409414, MM409410, M2T50391, M2T50381, M2T50371, M002T50391, M002T50381, M002T50371

Servicing: Iseki

 B+ M8, Total length 220.50,  
 Gear type GR, Mount. holes 2 (0)

A: 76.90 B: 29.25 mm


**110947** Starter 12 V, 2.0 kW

Replacing: MM409413, MM409411, M8T70471A, M8T70471, M3T61171, M2T56272, M2T56271, M008T70471A, M008T70471

Servicing: Mitsubishi

 B+ M8, Total length 238.50,  
 Gear type GR, Mount. holes 2 (0)  
 A: 77.00 B: 30.00 mm

**110958** Starter 12 V, 0.9 kW

Replacing: MD667539, MD192228, MD180239, MD162838, M3T43481, M3T42781ZC, M3T42781, M2T48081, M003T43481

Servicing: Dodge, Eagle, Hyundai, Mitsubishi, Plymouth

 B+ M8, Total length 188.50,  
 Gear type DD/GR, Mount. holes 2 (2)  
 A: 77.00 B: 10.80 mm

**110999** Starter 24 V

Replacing: M7T03777, M7T03774, M007T03777, M007T03774

Servicing: Case, Caterpillar, Fiat-Allis, Peterbilt Trucks, Various, Volvo

 B+ M12, 15a M5, Total length 499.50,  
 Gear type DD, Mount. holes 3 (0),  
 Insulated return, Oil sealed  
 Replacing: 42MT.

A: 92.00 B: 46.50 mm


**111000** Starter 24 V, 6.5 kW

Replacing: M4T95481, M004T95481

Servicing: Caterpillar, Clark, Cummins, Fiat-Allis

 B+ M12, B- M12, Total length 497.50,  
 Gear type DD, Mount. holes 3 (0),  
 Insulated return, Oil sealed  
 Replacing: 42MT.

A: 92.00 B: 47.25 mm


**111005** Starter 12 V, 0.8 kW

Replacing: M3T30981, M003T30981

Servicing: Sumitomo, Yale

 B+ M8, Total length 190.00,  
 Gear type DD, Mount. holes 2 (0)  
 A: 74.00 B: 16.75 mm

**111070** Starter 12 V, 1.7 kW

Replacing: M2T90071, M1T90281, M1T50172, M1T50171, M0T80082, M002T90071, M001T90281, M001T50172, M001T50171

Servicing: Citroen, Fiat, Hyundai, Lancia, Peugeot, Suzuki, Talbot

 B+ M8, Total length 230.00,  
 Gear type GR, Mount. holes 3 (3)  
 A: 66.00 B: -6.50 mm

**111108** Starter 12 V, 1.2 kW

Replacing: M1T60381, M1T60081, M001T60381, M001T60081

Servicing: Mitsubishi, Nissan

 B+ M8, Total length 198.50,  
 Gear type GR, Mount. holes 2 (0)  
 A: 82.30 B: 8.25 mm

**111114** Starter 12 V, 3.1 kW

Replacing: M2T80381

Servicing: Jeep, Renault

 B+ M8, Total length 257.75,  
 Gear type GR, Mount. holes 3 (3)  
 A: 75.00 B: -9.50 mm

**111182#** Starter 12 V, 0.8 kW

Replacing: M3T49282, M3T49281, M3T48382, M3T40471, M003T49282, M003T49281, M003T48382, M003T40471

Servicing: Subaru

 B+ M8, Total length 213.75,  
 Gear type DD, Mount. holes 2 (0)  
 A: 82.40 B: 39.80 mm

**111241** Starter 12 V, 1.2 kW

Replacing: MD313327, MD309471, MD172863, MD162842, MD136933, MD122625, MD112625, M313327D, M1T79081, M1T72583G

Servicing: Dodge, Hyundai, Kia, Mitsubishi

 B+ M8, Total length 207.80,  
 Gear type GR, Mount. holes 2 (2)  
 A: 73.00 B: 17.00 mm

**111251** Starter 12 V, 1.1 kW

Replacing: M2T48381, M2T13581, M2T13281, M002T48381, M002T13581, M002T13281

Servicing: Dacia, Renault, Volvo

 B+ M8, Total length 208.20,  
 Gear type GR, Mount. holes 4 (4)  
 A: 66.00 B: -2.00 mm

**111272** Starter 12 V, 2.2 kW

Replacing: M8T75171, M8T71571, M8T70371, M2T74371, M2T62271, M008T75171, M008T71571, M008T70371, M002T74371

Servicing: Mitsubishi

 B+ M8, Total length 260.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 82.45 B: 22.90 mm


**111273** Starter 12 V, 2.7 kW

Replacing: M5T22171, M2T54572, M2T54571, M005T22171, M002T54572, M002T54571

Servicing: Hyster, Yale

 B+ M8, Total length 240.30,  
Gear type GR, Mount. holes 3 (0)

A: 100.00 B: 31.65 mm


**111275** Starter 12 V, 2.0 kW

Replacing: M5T23172, M3T64172, M2T61371, M2T60271, M2T56475, M2T56472, M2T56471, M2T54671, M005T23172

Servicing: Ford, Mitsubishi

 B+ M8, Total length 250.00,  
Gear type GR, Mount. holes 2 (0)

A: 82.40 B: 23.50 mm


**111300** Starter 12 V, 1.4 kW

Replacing: M8T70071, M2T58981, M2T54091, M2T54085, M2T54083, M008T70071, M002T58981, M002T54091, M002T54085

Servicing: Bobcat, Ford, Volvo Penta

 B+ M8, Total length 214.55,  
Gear type GR, Mount. holes 2 (0)

A: 74.00 B: 21.00 mm


**111303** Starter 12 V, 0.8 kW

Replacing: M2T48681, M2T41171, M0T70285, M0T70281, M002T48681, M002T41171, M000T70285, M000T70281

Servicing: Jaguar, Nissan

 B+ M8, Total length 185.15,  
Gear type DD/GR, Mount. holes 2 (1)

A: 69.95 B: 11.15 mm


**111305** Starter 12 V, 1.2 kW

Replacing: MD180241, MD174482, MD172861, MD162840, M1T77481, M1T73383ZC, M1T73383, M1T73382, M1T73381ZC

Servicing: Hyundai, Kia, Mitsubishi

 B+ M8, Total length 207.00,  
Gear type GR, Mount. holes 2 (2)

A: 77.00 B: 10.20 mm


**111310** Starter 12 V, 0.8 kW

Replacing: M3T44281, M3T41885, M3T41881, M3T33871, M3T33785, M3T33781ZC, M3T33781, M3T33585, M2T46081ZE

Servicing: Chevrolet, GEO, Pontiac, Suzuki

 B+ M8, Total length 190.50,  
Gear type GR, Mount. holes 2 (2)

A: 75.00 B: 7.80 mm


**111311** Starter 12 V, 1.7 kW

Replacing: M1T75581ZC, M1T75581, M001T75581ZC, M001T75581

Servicing: Ford, Mazda

 B+ M8, Total length 231.55,  
Gear type GR, Mount. holes 3 (0)

A: 72.00 B: 45.40 mm


**111312** Starter 12 V, 0.8 kW

Replacing: M3T37783, M2T49283, M1T77281, M0T80285A, M0T80285, M003T37783, M002T49283, M001T77281, M000T80285A

Servicing: Nissan

 B+ M8, Total length 221.70,  
Gear type DD/GR, Mount. holes 2 (0)

A: 70.00 B: 43.00 mm


**111333** Starter 12 V, 1.1 kW

Replacing: M1T74491, M001T74491

Servicing: Renault

 B+ M8, Total length 208.55,  
Gear type GR, Mount. holes 3 (3)

B: 3.00 mm


**111349** Starter 12 V, 1.2 kW

Replacing: M1T84382ZC, M1T84381ZC, M1T84381, M1T74287ZC, M1T74286ZC, M1T74283ZC, M1T74283, M1T74281ZC

Servicing: Jeep

 B+ M8, Total length 230.00,  
Gear type GR, Clutch type Dry,  
Mount. holes 2 (1)

A: 82.40 B: 5.50 mm


**111374** Starter 12 V, 1.5 kW

Replacing: M1T96581, M001T96581

Servicing: Ford, Jaguar, Mazda, Mercury

 B+ M8, Total length 219.00,  
Gear type GR, Clutch type Dry,  
Mount. holes 2 (0)

**111451** Starter 12 V, 1.4 kW

Replacing: M1T86481, M1T84481, M1T75681, M1T74087, M1T74081A, M1T74081, M0T20171, M001T86481, M001T84481

Servicing: Subaru

 B+ M8, Total length 210.50,  
Gear type GR, Clutch type Wet,  
Mount. holes 2 (0)

A: 82.50 B: 33.50 mm





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**111452** Starter 12 V, 0.8 kW

Replacing: M3T41185, M3T21882D, M3T21281D, M003T41185, M003T21882D, M003T21281D

Servicing: TCM

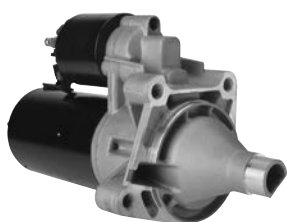
B+ M8, Total length 191.00,

Gear type DD/GR, Mount. holes 2 (0)

A: 82.50 B: 7.80 mm



9,11


**111456#** Starter 12 V, 1.4 kW

Replacing: MD017649

Servicing: Chrysler, Dodge, Plymouth

B+ M8, Total length 258.00,

Gear type GR, Mount. holes 3 (3)

A: 80.00 B: 7.00 mm



8


**111459** Starter 12 V, 1.2 kW

Replacing: M1T72087A, M1T72087, M1T72086A, M1T72086, M1T72085A, M1T72085, M001T72087A, M001T72087, M001T72086A

Servicing: Jaguar, Nissan

B+ M8, Total length 207.00,

Gear type GR, Mount. holes 2 (1)

A: 69.90 B: 11.50 mm



13


**111461** Starter 12 V, 2.2 kW

Replacing: MD164977, MD156989, MD095865, MD072654, M2T61072, M2T61071, M2T60172, M2T60171, M002T61072

Servicing: Dodge, Hyundai, Mitsubishi

B+ M8, Total length 240.00,

Gear type GR, Mount. holes 2 (2)

A: 77.00 B: 3.50 mm



8,9


**111475** Starter 12 V, 0.8 kW

Replacing: M3T33183, M3T33182, M2T49189, M2T49181, M2T42381, M2T41586, M2T41581, M2T33183, M2T33182, M2T30586

Servicing: Suzuki

B+ M8, 15a 4.70, Total length 185.50,

Gear type DD, Mount. holes 2 (0)

A: 66.00 B: 18.00 mm



10


**111476** Starter 12 V, 2.0 kW

Replacing: MD164976, MD140190, M2T74171, M2T57773, M2T57771, M002T74171, M002T57773, M002T57771

Servicing: Hyundai, Kia, Mitsubishi

B+ M8, Total length 240.00,

Gear type GR, Clutch type Wet, Mount. holes 2 (2)

A: 77.00 B: 10.00 mm



9


**111485** Starter 12 V, 1.2 kW

Replacing: M1T60286, M1T60285A, M1T60285, M1T60281, M001T60285A, M001T60285, M001T60281

Servicing: Ford, Nissan

B+ M8, Gear type GR, Mount. holes 2 (0)

A: 83.00 B: 8.00 mm



8


**111508** Starter 12 V, 1.2 kW

Replacing: MD308088

Servicing: Mitsubishi

B+ M8, Total length 207.50,

Gear type GR, Clutch type Dry, Mount. holes 2 (2)

A: 71.00 B: 4.00 mm



8,9


**111549** Starter 12 V, 1.4 kW

Replacing: M1T61181, M1T60581, M001T61181, M001T60581

Servicing: Nissan

B+ M8, Total length 199.00,

Gear type GR, Mount. holes 2 (2)

A: 82.45 B: 3.65 mm



8,9


**111552** Starter 12 V, 1.0 kW

Replacing: M3T43181, M1T77181, MOT83981, MOT81681, MOT30475, MOT30471, M003T43181, M001T77181, M000T83981

Servicing: Subaru

B+ M8, Total length 204.25,

Gear type GR, Mount. holes 2 (0)

A: 65.00 B: 49.00 mm



12


**111557#** Starter 12 V, 1.2 kW

Replacing: M2T50981, M1T50471, M002T50981, M001T50471

Servicing: Mazda

B+ M8, Total length 228.00,

Gear type GR, Mount. holes 3 (3)

A: 74.00 B: 15.50 mm



10


**111562** Starter 12 V, 1.4 kW

Replacing: M1T71481A, M1T71481, M001T71481A, M001T71481

Servicing: Nissan

B+ M8, Total length 206.00,

Gear type GR, Clutch type Wet, Mount. holes 2 (2)

A: 82.35 B: 3.00 mm


**111565** Starter 12 V, 2.2 kW

Replacing: MD191437, MD177596, MD164978, MD156987, MD121581, M2T63171, M2T62771, M2T61171, M2T60185

 Servicing: Hyundai, Kia, Mitsubishi  
 B+ M8, Total length 239.25,  
 Gear type GR, Clutch type Wet,  
 Mount. holes 2 (2)

A: 77.30 B: 10.00 mm


**111608** Starter 12 V, 1.4 kW

Replacing: M1T78881, M1T72981A, M1T72981, M001T78881, M001T72981A, M001T72981

 Servicing: Infiniti, Nissan  
 B+ M8, Total length 216.00,  
 Gear type GR, Mount. holes 2 (2)  
 A: 82.25 B: 43.00 mm

**111703** Starter 12 V, 2.0 kW

Replacing: M2T63371, M002T63371

 Servicing: Ford, Perkins  
 B+ M8, Total length 250.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 73.80 B: 19.50 mm

**111728** Starter 12 V, 1.4 kW

Replacing: M3T27881, M2T25481, M2T23685, M003T27881, M002T25481, M002T23685

 Servicing: Nissan  
 B+ M8, Total length 228.50,  
 Gear type GR, Mount. holes 2 (0)  
 B: 15.00 mm

**111730** Starter 12 V, 1.0 kW

Replacing: MOT80381, M000T80381

 Servicing: Mazda, Peugeot  
 B+ M8, Total length 208.00,  
 Gear type GR, Mount. holes 3 (2)  
 A: 73.90 B: 13.00 mm

**111849** Starter 12 V, 0.8 kW

Replacing: M2T47382, M2T47381, MOT81981, M002T47382, M002T47381, M000T81981

 Servicing: Chevrolet, Daewoo, Suzuki  
 B+ M8, Total length 184.50, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (2)  
 A: 75.00 B: 6.50 mm

**111912** Starter 12 V, 2.2 kW

Replacing: MD348221, MD344182, MD312858, MD312857, M2T88271, M2T87971, M2T87072ZT, M2T87071ZT, M2T87071

 Servicing: Hyundai, Mitsubishi, Proton  
 B+ M8, Total length 228.00,  
 Gear type GR, Mount. holes 2 (2)  
 A: 76.90 B: 2.50 mm

**111913** Starter 24 V, 3.2 kW

Replacing: M5T27671, M3T54072, M3T54071, M2T65275, M2T65271, M2T65271, M005T27671, M003T54072, M003T54071

 Servicing: Mitsubishi  
 B+ M8, Total length 250.50,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 2 (0), Oil sealed  
 A: 82.50 B: 22.75 mm

**111970** Starter 12 V, 1.0 kW

Replacing: MOT80081, M000T80081

 Servicing: Mazda, Mercedes-Benz  
 B+ M8, Total length 196.70,  
 Gear type GR, Clutch type Wet,  
 Mount. holes 3 (2)  
 A: 74.00 B: 14.50 mm

**111971** Starter 12 V, 1.2 kW

Replacing: MR994325, MD360368, MD356104, MD332022, MD301351, M332022D, MOT81284, MOT81283, MOT81281, MOT80581

 Servicing: Mitsubishi  
 B+ M8, Total length 195.00,  
 Gear type GR, Mount. holes 2 (2)  
 A: 75.00 B: 10.00 mm

**111994** Starter 12 V, 0.7 kW

Replacing: M2T13081, MOT45071ZT, M002T13081, M000T45071ZT

 Servicing: Citroen, Peugeot  
 B+ M8, Total length 194.00,  
 Gear type GR, Mount. holes 3 (1)  
 A: 62.00 B: -5.00 mm

**112053** Starter 12 V, 2.2 kW

Replacing: M2T84771, M2T80582, M002T84771, M002T80582

 Servicing: Citroen, Peugeot  
 B+ M8, Total length 272.50,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 3 (3)  
 A: 74.00 B: -6.00 mm


**112103** Starter 12 V, 2.2 kW

Replacing: M2T87671, M002T87671

Servicing: Opel, Renault, Vauxhall

 B+ M8, Total length 272.55,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 3 (0)

A: 72.00 B: 0.50 mm


**112177** Starter 12 V, 1.7 kW

 Replacing: M2T58971, M1T66081,  
 M002T58971, M001T66081

Servicing: Ford, New Holland

 B+ M8, Total length 213.00, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (0)

A: 74.00 B: 20.00 mm

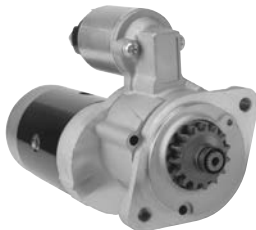

**112178** Starter 12 V, 1.6 kW

 Replacing: MM317600, M2T50285, M2T50281,  
 M2T50271, M002T50285, M002T50281,  
 M002T50271

 Servicing: Komatsu, Mitsubishi, Pel Job,  
 Toro, Vetus

 B+ M8, Total length 228.50, Gear type DD/GR,  
 Clutch type Dry, Mount. holes 2 (2)

A: 77.00 B: 17.00 mm


**112185** Starter 12 V, 1.2 kW

Replacing: M2T53681, M002T53681

Servicing: LDV, Mitsubishi, Pel Job, Vetus

 B+ M8, Total length 220.00,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 2 (2)

A: 76.90 B: 18.00 mm


**112215** Starter 12 V, 0.95 kW

Replacing: M3T48181, M003T48181

Servicing: Mazda

 B+ M8, Total length 202.00,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 3 (2)

A: 74.00 B: 15.00 mm


**112267** Starter 12 V, 2.5 kW

 Replacing: M3T90072, M3T90071,  
 M003T90072, M003T90071

Servicing: Bobcat, Cummins, Ford

 B+ M10, Total length 339.00,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 3 (0)

A: 89.00 B: 46.50 mm


**112276** Starter 12 V, 2.5 kW

 Replacing: M8T50072, M8T50071A,  
 M8T50071, M008T50072, M008T50071A,  
 M008T50071

Servicing: Ford

 B+ M10, Total length 288.00,  
 Gear type GR, Mount. holes 3 (0)

A: 88.90 B: 34.00 mm


**112295** Starter 12 V, 1.7 kW

Replacing: MD329260

Servicing: Mitsubishi, Renault, Volvo

 B+ M8, Total length 265.00,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 3 (3)

A: 66.00 B: -0.50 mm


**112300** Starter 12 V, 1.4 kW

 Replacing: M1T86181, M1T79581, M1T76481,  
 MOT85881, MOT85681ZC, MOT85681,  
 M001T86181, M001T79581, M001T76481

Servicing: Chevrolet, Suzuki

 B+ M8, Total length 208.00,  
 Gear type GR, Mount. holes 2 (2)

A: 66.00 B: 4.50 mm


**112301** Starter 12 V, 1.2 kW

 Replacing: M1T79482, M1T79481,  
 M001T79482, M001T79481

Servicing: Dodge, Jeep

 B+ M8, Total length 207.50, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (0)

A: 60.00 B: 18.00 mm


**112323** Starter 24 V, 5.0 kW

 Replacing: M3T56183, M3T56182, M3T56181,  
 M3T56174, M3T56172, M003T56183,  
 M003T56182, M003T56181, M003T56174

Servicing: Caterpillar, Mitsubishi

 B+ M10, Total length 292.00, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (0)

A: 82.00 B: 23.00 mm


**112342** Starter 24 V, 5.5 kW

 Replacing: ME057990, ME057985, ME057845,  
 ME057350, ME057200, M4T55077, M4T55076,  
 M4T55072, M4T55071, M3T95082

Servicing: Hyundai, Mitsubishi

 B+ M10, Total length 368.00,  
 Gear type GR, Mount. holes 3 (0)

A: 100.00 B: 68.00 mm



**112368** Starter 12 V, 1.4 kW  
 Replacing: MOT60082, MOT60081A, MOT60081, M000T60082, M000T60081A, M000T60081  
 Servicing: Nissan  
 B+ M8, Total length 199.00, Gear type GR, Clutch type Wet, Mount. holes 2 (0)  
 A: 82.50 B: 7.00 mm



**112370** Starter 12 V, 2.2 kW  
 Replacing: ME204425B, ME204425, ME204424A, ME204424, ME202970, ME201650A, ME201650, M8T75074ZT, M8T75074  
 Servicing: Mitsubishi  
 B+ M8, Total length 240.50, Gear type GR, Clutch type Wet, Mount. holes 2 (2)  
 A: 77.00 B: 8.00 mm



**112441** Starter 12 V, 2.3 kW  
 Replacing: MK666919  
 Servicing: Iveco, Renault V.I.  
 B+ M8, Total length 258.00, Gear type GR, Clutch type Dry, Mount. holes 3 (3)  
 A: 81-84 mm  
 Alternative no.: 115505   
 A: 82.00 B: 27.00 mm



**112474** Starter 12 V, 1.8 kW  
 Replacing: MW30620657, M1T85981, M1T85682, M1T85681, M001T85981, M001T85682, M001T85681, 1810A048  
 Servicing: Nissan, Opel, Renault, Suzuki, Vauxhall, Volvo  
 B+ M8, Total length 238.00, Gear type GR, Clutch type Wet, Mount. holes 3 (2)  
 B: -2.00 mm



**112822** Starter 24 V, 4.5 kW  
 Replacing: M8T61671, M008T61671  
 Servicing: Iveco  
 B+ M10, Total length 293.00, Gear type GR, Clutch type Wet, Mount. holes 3 (0)  
 A: 89.00 B: 49.00 mm



**112845#** Starter 12 V, 1.4 kW  
 Replacing: M1T77781ZC, M1T77781, M1T77777ZC, M1T77777, M001T77781ZC, M001T77781, M001T77777ZC, M001T77777  
 Servicing: Chrysler, Dodge, Eagle, Plymouth  
 B+ M8, Total length 240.00, Gear type DD, Clutch type Wet, Mount. holes 3 (3)  
 A: 82.00 B: 8.00 mm



**112846** Starter 12 V, 1.4 kW  
 Replacing: M1T78581ZC, M1T78581, M001T78581ZC, M001T78581  
 Servicing: Chrysler, Dodge  
 B+ M8, Total length 231.00, Gear type DD, Clutch type Wet, Mount. holes 3 (0)  
 A: 81.90 B: 7.70 mm



**113038** Starter 12 V, 0.7 kW  
 Replacing: MD301350, M2T44781, M002T44781  
 Servicing: Mitsubishi, Subaru  
 B+ M8, Total length 189.00, Gear type DD, Clutch type Wet, Mount. holes 2 (2)  
 A: 77.00 B: 11.00 mm



**113040** Starter 12 V, 0.9 kW  
 Replacing: MD359972, MD321445, MD301348G, MD301348, M3T44182, M3T44181, M3T44091ZT, M3T44081ZT, M3T44081  
 Servicing: Mitsubishi  
 B+ M8, Total length 190.50, Gear type DD/GR, Clutch type Wet, Mount. holes 2 (2)  
 A: 76.90 B: 10.00 mm



**113044** Starter 12 V, 1.4 kW  
 Replacing: M1T76082ZC, M1T76082, M1T76081ZC, M1T76081, M001T76082ZC, M001T76082, M001T76081ZC, M001T76081  
 Servicing: Jeep  
 B+ M8, Total length 215.10, Gear type GR, Clutch type Wet, Mount. holes 2 (0)  
 A: 71.80 B: 23.00 mm



**113045#** Starter 12 V, 1.4 kW  
 Replacing: M0T60181A, M0T60181, M000T60181A, M000T60181  
 Servicing: Infiniti, Nissan  
 B+ M8, Total length 193.00, Gear type GR, Clutch type Wet, Mount. holes 2 (2)  
 A: 82.45 B: 16.60 mm



**113129** Starter 24 V, 4.5 kW  
 Replacing: ME077407, ME077048, ME067611, ME037636, ME037465, ME037330, ME037150, M6T10673, M4T50177, M4T50171  
 Servicing: Mitsubishi  
 B+ M10, Total length 290.00, Gear type GR, Mount. holes 2 (1)  
 A: 110.00 B: 64.50 mm



13


**113136<sup>#</sup>** Starter 12 V, 2.0 kW

Replacing: M1T68081ZC, M1T68081, M1T64285, M001T68081ZC, M001T68081, M001T64285

Servicing: Mercury, Nissan

 B+ M8, Total length 219.00,  
Gear type GR, Mount. holes 2 (0)

A: 61.00 B: 56.00 mm



8


**113139** Starter 12 V, 1.2 kW

Replacing: MOT80281ZC, MOT80281B, MOT80281AC, MOT80281A, MOT80281, M000T80281ZC, M000T80281B, M000T80281AC

Servicing: Nissan

 B+ M8, Total length 219.00,  
Gear type GR, Mount. holes 2 (0)

A: 69.90 B: 41.50 mm



9


**113141** Starter 12 V, 0.8 kW

Replacing: M2T43881, M2T43781, M2T43681, M2T43481, M2T32581, M002T43881, M002T43781, M002T43681, M002T43481

Servicing: Mitsubishi, New Holland, Onan

 B+ M8, Total length 210.00,  
Gear type DD, Mount. holes 2 (0)

A: 73.90 B: 29.50 mm



9


**113194** Starter 24 V, 3.2 kW

Replacing: ME017004, ME017001, M3T52071, M2T64272, M2T64271, M003T52071, M002T64272, M002T64271

Servicing: Caterpillar, Mitsubishi

 B+ M8, Total length 240.00,  
Gear type GR, Mount. holes 3 (0)

A: 99.90 B: 22.00 mm



9


**113195** Starter 24 V, 3.2 kW

Replacing: ME014418, ME013008, ME012995, M8T80071B, M8T80071A, M8T80071, M008T80071B, M008T80071A, M008T80071

Servicing: Mitsubishi

 B+ M8, Total length 257.00,  
Gear type GR, Mount. holes 2 (0)

A: 59.90 B: 14.00 mm



10


**113210** Starter 24 V, 3.2 kW

Replacing: M2T64373, M2T64372, M2T64371, M002T64373, M002T64371

Servicing: Nissan

 B+ M8, Total length 240.00,  
Gear type DD/GR, Mount. holes 3 (0)

A: 105.00 B: 11.00 mm



11


**113254** Starter 12 V, 1.1 kW

Replacing: MOT93582, MOT93581, MOT22472, M000T93581, M000T22472

Servicing: Citroen, Fiat, Peugeot, Toyota

 B+ M8, Total length 206.00,  
Gear type GR, Clutch type Dry,  
Mount. holes 4 (2)

A: 62.00 B: 14.00 mm



10


**113318<sup>#</sup>** Starter 12 V, 2.2 kW

Replacing: M2T87471, M002T87471

Servicing: Mazda

 B+ M8, Total length 226.50,  
Gear type GR, Mount. holes 3 (2)

A: 87.90 B: 6.00 mm



12


**113319** Starter 12 V, 2.2 kW

Replacing: M8T75371, M8T71371ZE, M8T71371, M008T75371, M008T71371ZE, M008T71371

Servicing: Nissan

 B+ M8, Total length 233.00,  
Gear type GR, Mount. holes 2 (0)

A: 72.40 B: 55.50 mm



12


**113323** Starter 12 V, 1.7 kW

Replacing: M8T71471ZE, M8T71471, M008T71471ZE, M008T71471

Servicing: Nissan

 B+ M8, Total length 233.00,  
Gear type GR, Mount. holes 2 (0)

A: 69.90 B: 54.00 mm



8


**113325<sup>#</sup>** Starter 12 V, 0.9 kW

Replacing: MD335584, M3T44481, M003T44481

Servicing: Mitsubishi

 B+ M8, Total length 194.50,  
Gear type DD, Mount. holes 2 (2)

A: 76.90 B: 10.50 mm



10,12


**113445** Starter 12 V, 2.2 kW

Replacing: MD344183, MD331137, MD315548, MD315547, MD314167, M2T88071, M2T87371, M2T87171ZT, M2T87171

Servicing: Hyundai, Mitsubishi

 B+ M8, Total length 239.00,  
Gear type GR, Mount. holes 2 (2)

A: 76.90 B: 9.00 mm


**113550** Starter 12 V

Replacing: M9T70977, M9T70379, M009T70379

Servicing: Mack

 B+ M12, Total length 402.80, Gear type GR, Mount. holes 3 (0), Insulated return  
 Replacing: 39MT.

A: 92.00 B: 46.00 mm


**113642** Starter 12 V, 1.6 kW

Replacing: M1T86884ZC, M1T86884, M1T86883ZC, M1T86782ZC, M001T86884ZC, M001T86883ZC, M001T86782ZC

Servicing: Jeep

B+ M8, Total length 226.00, Gear type DD, Clutch type Wet, Mount. holes 2 (2)

A: 65.00 B: 4.85 mm


**113672** Starter 24 V, 5.5 kW

Replacing: M9T61571, M9T60471, M009T61571, M009T60471

Servicing: Renault V.I.

 B+ M10, B- M10, Total length 350.00, Gear type GR, Mount. holes 3 (0)  
 With safety switch.

A: 91.90 B: 47.00 mm


**113551** Starter 12 V, 2.2 kW

Replacing: M8T70971, M008T70971

Servicing: Kubota

B+ M8, Total length 258.00, Gear type GR, Mount. holes 2 (0)

A: 82.40 B: 27.00 mm


**113644** Starter 12 V, 1.2 kW

Replacing: M2T42881, M0T84585, M002T42881, M000T84585

Servicing: Nissan

B+ M8, Total length 189.80, Gear type DD, Mount. holes 2 (1)

A: 69.90 B: 10.60 mm


**113673** Starter 24 V, 5.5 kW

Replacing: M9T60372, M9T60371, M009T60372, M009T60371

Servicing: Renault V.I.

B+ M10, B- M10, Total length 350.00, Gear type GR, Mount. holes 3 (0)

A: 88.80 B: 39.50 mm


**113618** Starter 12 V, 1.6 kW

Replacing: M1T84981ZC, M1T84981, M0T91182ZC, M0T91182, M0T91181ZC, M0T91181, M001T84981ZC, M001T84981

Servicing: Jeep

B+ M8, Total length 215.00, Gear type GR, Mount. holes 2 (1)

A: 64.90 B: 5.00 mm


**113668** Starter 12 V, 1.2 kW

Replacing: MM115519, MM115518, M2T58881, M2T58581, M002T58881, M002T58581

Servicing: Clark, Mitsubishi

B+ M8, Total length 214.50, Gear type DD, Clutch type Wet, Mount. holes 2 (0)

A: 76.90 B: 18.00 mm


**113676** Starter 24 V, 5.5 kW

Replacing: M9T60672, M9T60671, M009T60672, M009T60671

Servicing: Renault V.I.

 B+ M10, Total length 350.50, Gear type GR, Clutch type Dry, Mount. holes 3 (0)  
 With safety switch.

A: 89.00 B: 40.00 mm


**113638** Starter 12 V, 1.4 kW

Replacing: MD362910, MD356178, MD328235, M356178D, M1T84884, M1T84883ZC, M1T84883, M0T81181, M00356178D

Servicing: Chrysler, Hyundai, Kia, Mitsubishi

B+ M8, Total length 194.50, Gear type GR, Clutch type Dry, Mount. holes 2 (2)

A: 77.00 B: 10.50 mm


**113669** Starter 24 V, 5.0 kW

Replacing: ME077796, M8T60071A, M8T60071, M008T60071A, M008T60071

Servicing: Caterpillar

B+ M8, Total length 287.80, Gear type DD, Clutch type Wet, Mount. holes 2 (0)

A: 109.70 B: 66.00 mm


**113702** Starter 12 V, 2.2 kW

Replacing: M2T87271ZT, M2T87271, M002T87271ZT, M002T87271

Servicing: Ford, Mazda

B+ M8, Total length 234.00, Gear type GR, Clutch type Dry, Mount. holes 3 (3)

A: 82.00 B: 17.50 mm


**113746** Starter 24 V, 5.5 kW

Replacing: ME152487, M9T60171, M009T60171

Servicing: Mitsubishi

B+ M10, Total length 318.00, Gear type GR, Mount. holes 3 (0)

A: 100.00 B: 68.00 mm


**113753** Starter 12 V, 0.9 kW

Replacing: M3T32991, M003T32991

Servicing: Citroen, Hyundai, Kia, Renault

B+ M8, Total length 216.00, Gear type DD, Mount. holes 3 (3)

A: 65.90 B: -1.50 mm

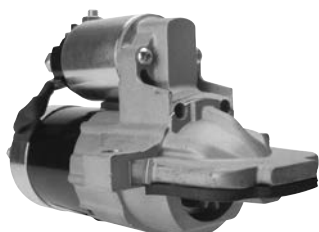

**113795** Starter 12 V, 1.0 kW

Replacing: MOT90981, MOT90981

Servicing: Mazda

B+ M8, Total length 208.50, Gear type GR, Clutch type Wet, Mount. holes 2 (0)

A: 82.30 B: 22.00 mm


**113819** Starter 12 V, 1.4 kW

Replacing: MOT87681, MOT87601, M000T87681, M000T87601

Servicing: Mazda

Gear type GR


**113821** Starter 12 V, 1.6 kW

Replacing: MOT20371ZC, MOT20371

Servicing: Acura, Honda

B+ M8, Total length 210.00, Gear type GR, Clutch type Dry, Mount. holes 2 (0)

A: 75.00 B: 33.00 mm

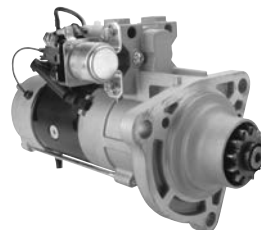

**113827** Starter 24 V, 7.6 kW

Replacing: M9T82171, M009T82171

Servicing: Cummins, Various Industrial applications

B+ M12, B- M12, 15a M5, 30h M12, Total length 406.00, Gear type GR, Mount. holes 3 (0)

A: 91.70 B: 46.95 mm


**113830** Starter 24 V, 5.5 kW

Replacing: M9T61171, M009T61171

Servicing: Volvo

B+ M10, Total length 350.00, Gear type GR, Clutch type Dry, Mount. holes 3 (0) With safety switch.

A: 92.00 B: 47.50 mm


**113851** Starter 24 V, 7.5 kW

Replacing: M9T84771, M9T83671, M9T80473, M9T80472, M9T80471, M009T83671, M009T80473, M009T80472

Servicing: Mercedes-Benz

B+ M12, Total length 348.50, Gear type DD/GR, Clutch type Dry, Mount. holes 3 (0)

Replacing: 39MT.

A: 92.00 B: 47.70 mm


**113897** Starter 12 V, 1.4 kW

Replacing: MOT88681, MOT87881, MOT21471, M000T88681, M000T87881, M000T21471

Servicing: Dacia, Nissan, Renault, Suzuki

B+ M8, Total length 201.00, Gear type GR, Clutch type Dry, Mount. holes 3 (3)

A: 62.90 B: -0.07 mm


**113927** Starter 12 V, 1.1 kW

Replacing: MOT91581, MOT88381, MOT86181, M000T91581, M000T88381, M000T86181

Servicing: Dacia, Nissan, Renault, Suzuki

B+ M8, Total length 198.00, Gear type GR, Mount. holes 3 (2)

A: 65.00 B: -1.30 mm


**113931** Starter 12 V, 1.7 kW

Replacing: M1T30072, M1T30071, M001T30072, M001T30071

Servicing: Alfa Romeo, Cadillac, Fiat, Lancia, Opel, Saab, Vauxhall

B+ M8, Total length 226.00, Gear type GR, Mount. holes 3 (0)

A: 81.80 B: 9.80 mm


**113932** Starter 12 V, 0.85 kW

Replacing: MOT46371ZT, MOT46371, M000T46371ZT

Servicing: Dacia, Nissan, Renault

B+ M8x1.25, Total length 168.00, Gear type DD, Mount. holes 3 (3)

B: -3.00 mm





11,12


**113933** Starter 12 V, 1.5 kW

 Replacing: M0T22471, M000T22471  
 Servicing: Citroen, Mini, Peugeot, Toyota  
 B+ M8, Total length 220.00,  
 Gear type GR, Mount. holes 4 (2)  
 B: 13.00 mm


10,11


**113960** Starter 12 V, 0.9 kW

 Replacing: M0T32271ZE, M0T32271,  
 M000T32271ZE, M000T32271  
 Servicing: Citroen, Mini, Peugeot  
 B+ M8, Total length 194.00,  
 Gear type GR, Mount. holes 4 (2)A.  
 Measure = 60-64mm  
 A: 64.00 B: 13.00 mm


12


**113964** Starter 12 V, 2.2 kW

 Replacing: M2TS0575, M2TS0571, M2T50571,  
 M002TS0575, M002TS0571  
 Servicing: Nissan  
 B+ M8, Total length 267.00,  
 Gear type GR, Mount. holes 2 (2)  
 A: 70.00 B: 31.00 mm


9


**113977** Starter 12 V, 2.2 kW

 Replacing: M2T88971, M002T88971  
 Servicing: Chrysler, Dodge  
 B+ M8, Total length 251.00,  
 Gear type GR, Mount. holes 3 (3)  
 A: 82.00 B: 9.00 mm


12


**113984** Starter 24 V, 5.0 kW

 Replacing: M9T61671, M009T61671  
 Servicing: Iveco  
 B+ M10, Total length 351.70,  
 Gear type GR, Mount. holes 3 (0)  
 A: 92.00 B: 47.80 mm


13


**113995** Starter 12 V, 2.0 kW

 Replacing: M1T68281, M001T68281, 31B66-  
 00101, 31B66-00100  
 Servicing: Caterpillar  
 B+ M8, Total length 242.50,  
 Gear type GR, Mount. holes 2 (0)  
 A: 77.00 B: 29.50 mm


11


**114001** Starter 24 V, 4.0 kW

 Replacing: M8T62671, M008T62671  
 Servicing: MAN  
 B+ M8, Total length 317.00,  
 Gear type GR, Mount. holes 3 (0)  
 With safety switch.  
 A: 89.00 B: 29.00 mm


12

 NEW PRODUCT  
[www.hc-cargo.com](http://www.hc-cargo.com)
**114003\*** Starter 12 V, 6.2 kW

 Replacing: M9T72271, M9T70173, M9T70172,  
 M009T70173, M009T70172  
 Servicing: Mercedes-Benz  
 Gear type GR, Mount. holes 3 (0)


12


**114031** Starter 24 V, 5.5 kW

 Replacing: M9T61971, M009T61971  
 Servicing: MAN  
 B+ M10, Total length 318.50,  
 Gear type GR, Mount. holes 3 (0)  
 A: 92.00 B: 48.00 mm


8

 NEW PRODUCT  
[www.hc-cargo.com](http://www.hc-cargo.com)
**114057** Starter 12 V, 1.1 kW

 Replacing: M0T45371ZT, M0T45371,  
 M000T45371ZT  
 Servicing: Renault  
 B+ M8, Total length 177.00,  
 Mount. holes 3 (3), Not Insulated return  
 A: 61.50 B: 1.00 mm


10


**114058** Starter 12 V, 1.7 kW

 Replacing: M1T30172, M1T30171,  
 M001T30172, M001T30171  
 Servicing: Opel, Saab, Vauxhall  
 B+ M8x1.25, Total length 220.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 82.00 B: 4.00 mm


12


**114059** Starter 12 V, 2.3 kW

 Replacing: M2T88671, M002T88671  
 Servicing: Mazda  
 B+ M8x1.25, Total length 226.00,  
 Gear type GR, Mount. holes 3 (3)  
 A: 88.00 B: 5.00 mm





8

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**114060\*** Starter 12 V, 1.0 kW

Replacing: M2T46781ZE, MOT36071ZE, MOT36071, M002T46781ZE, M000T36071ZE, M000T36071

Servicing: Suzuki

Gear type DD/GR, Mount. holes 2 (2)



10



**114061** Starter 12 V, 2.0 kW

Replacing: M2T85271, M002T85271

Servicing: Suzuki

B+ M8, Total length 227.50,

Gear type GR, Mount. holes 3 (0)

A: 66.00 B: 3.00 mm



10



**114074** Starter 12 V, 2.2 kW

Replacing: M1T80681, M001T80681

Servicing: Nissan, Opel, Renault, Vauxhall

B+ M8, Total length 215.00,

Gear type GR, Mount. holes 3 (3)

A: 76.50 B: 13.50 mm

**NEW PRODUCT**

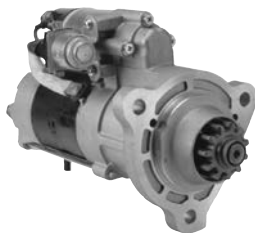
[www.hc-cargo.com](http://www.hc-cargo.com)

**114086\*** Starter 24 V

Replacing: M9T66171, M9T65271, M9T64371, M009T66171, M009T65271, M009T64371



11



**114100** Starter 24 V, 7.5 kW

Replacing: M9T80272, M9T80271, M9T80071, M009T80271, M009T80071

Servicing: Renault V.I.

B+ M12, Total length 380.00,

Gear type GR, Mount. holes 3 (0)

A: 92.00 B: 47.00 mm



8



**114108** Starter 12 V, 0.9 kW

Replacing: MR994922, MOT45275ZT, MOT45271ZT, MOT45271, M000T45271ZT, M000T45271

Servicing: Mitsubishi, Smart (MCC)

B+ M8, Total length 205.00,

Gear type DD, Mount. holes 2 (0)

A: 75.00 B: 44.00 mm



12



**114144** Starter 12 V, 2.0 kW

Replacing: M2T88571, M002T88571

Servicing: Chrysler, Jeep

B+ M8, Total length 227.00,

Gear type GR, Mount. holes 2 (0)

A: 82.50 B: 25.95 mm



9



**114167** Starter 12 V, 3.6 kW

Replacing: M8T50471, M008T50471

Servicing: TCM

B+ M8x1.25, Total length 287.30,

Gear type GR, Mount. holes 2 (0)

A: 82.50 B: 27.00 mm



10



**114169** Starter 24 V, 5.0 kW

Replacing: M8T60373, M8T60372, M8T60371, M008T60373, M008T60372, M008T60371, 32B66-00202

Servicing: Caterpillar, Mitsubishi

B+ M8, Total length 287.50,

Mount. holes 2 (0)

With safety switch.

A: 82.00 B: 22.60 mm



8



**114180** Starter 12 V, 0.8 kW

Replacing: MOT45171ZT, MOT45171, M000T45171ZT, M000T45171

Servicing: Dacia, Renault

B+ M8, Total length 176.50,

Gear type DD, Mount. holes 3 (3)

A: 66.00 B: -1.00 mm

**NEW PRODUCT**

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**114183\*** Starter 12 V, 1.8 kW

Replacing: MN960265, M1T30271, M001T30271, 1810A002

Servicing: Mitsubishi

Gear type GR



11



**114185** Starter 24 V, 3.2 kW

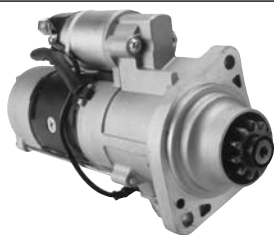
Replacing: M8T80373, M8T80371, M008T80373, M008T80371

Servicing: Isuzu, Kobelco

B+ M8, Total length 259.00,

Gear type GR, Mount. holes 2 (0)

A: 95.00 B: 19.00 mm


**114193** Starter 24 V, 5.5 kW

Replacing: M9T64972, M9T64971, M9T61474, M9T61473, M9T61471AM, M9T61471, M009T61474, M009T61473, M009T61471

Servicing: Renault V.I., Volvo

B+ M8, Total length 316.00,

Gear type GR, Mount. holes 3 (0)

A: 92.00 B: 48.00 mm


**114217\*** Starter 12 V, 2.0 kW

Replacing: M1T93571, M1T93371ZC, M1T93371, M1T93171ZC, M1T93171, M1T93071, M001T93571, M001T93371ZC

Servicing: Dodge, Jeep, Mitsubishi

Gear type GR, Mount. holes 3 (0)

B: 14.00 mm


**114225** Starter 12 V, 1.6 kW

Replacing: M1T85881ZC, M1T85881, M001T85881ZC, M001T85881

Servicing: Chevrolet, GEO, Suzuki

B+ M8, Total length 207.00,

Gear type GR, Mount. holes 2 (0)

A: 66.00 B: 4.25 mm


**114232** Starter 12 V, 2.0 kW

Replacing: M8T76072ZE, M8T76072, M8T76071ZE, M8T76071, M008T76072ZE, M008T76072, M008T76071ZE, M008T76071

Servicing: Nissan

B+ M8, Total length 233.00,

Gear type GR, Mount. holes 2 (2)

A: 70.00 B: 31.00 mm


**114237** Starter 12 V, 2.2 kW

Replacing: M2T88572ZC, M2T88572, M002T88572ZC, M002T88572

Servicing: Chrysler, Jeep

B+ M8, Total length 227.00,

Gear type GR, Mount. holes 2 (2)

A: 82.00 B: 25.50 mm


**114238** Starter 12 V, 1.4 kW

Replacing: M1T79483, M001T79483

Servicing: Jeep

B+ M8, Total length 206.00,

Gear type DD, Mount. holes 4 (0)

A: 58.50 B: 9.00 mm


**114279** Starter 12 V, 2.2 kW

Replacing: M2T88372ZC, M2T88372, M002T88372ZC, M002T88372

Servicing: Jeep

B+ M8, Total length 227.50,

Gear type GR, Mount. holes 3 (0)

A: 82.50 B: 19.00 mm


**114280** Starter 24 V, 3.2 kW

Replacing: ME108364, ME108080, M8T80472A, M8T80472, M8T80471A, M8T80471, M008T80472A, M008T80472, M008T80471A

Servicing: Caterpillar

B+ M8, Total length 241.00,

Gear type GR, Mount. holes 2 (0)

A: 77.00 B: 10.40 mm


**114283** Starter 12 V, 2.0 kW

Replacing: M2T88473, M2T88472, M2T88471, M002T88473, M002T88472, M002T88471

Servicing: Chrysler

B+ M8, Total length 227.00,

Gear type GR, Mount. holes 3 (2)

A: 82.50 B: 0.00 mm


**114310** Starter 24 V, 7.0 kW

Replacing: M9T82672, M9T82671, M009T82672, M009T82671

Servicing: Volvo

B+ M10, Total length 352.00,

Gear type GR, Mount. holes 3 (0)

A: 92.00 B: 46.00 mm


**114323** Starter 24 V, 5.0 kW

Replacing: M8T62471AM, M8T62471, M008T62471

Servicing: Dennis, Volvo

B+ M8, Total length 287.00,

Gear type GR, Mount. holes 3 (0)

A: 89.00 B: 26.50 mm


**114328** Starter 12 V, 1.6 kW

Replacing: M1T84181ZC, M1T84181, M001T84181ZC, M001T84181

Servicing: Chrysler

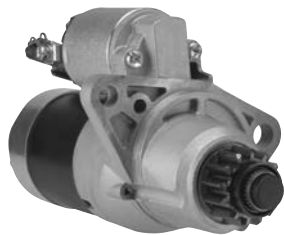
B+ M8, Total length 239.00,

Gear type GR, Mount. holes 3 (3)

A: 82.00 B: 8.00 mm



13


**114329** Starter 12 V, 1.6 kW

Replacing: M1T68781ZC, M0T60781, M001T68781ZC, M000T60781

Servicing: Nissan

B+ M8, Total length 232.60, Gear type GR, Mount. holes 2 (0)

A: 75.00 B: 62.00 mm



11


**114330** Starter 24 V, 8.3 kW

Replacing: M9T82479, M009T82479

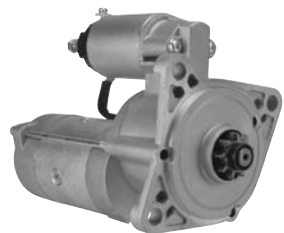
Servicing: Cummins

Total length 358.10, Gear type GR, Clutch type Dry, Mount. holes 3 (0)

A: 92.00 B: 47.00 mm



9


**114334** Starter 12 V, 2.0 kW

Replacing: M2T54272, M2T54271, M002T54272, M002T54271

Servicing: Mitsubishi

B+ M8, Total length 257.50

A: 100.00 B: 60.00 mm



13


**114343** Starter 24 V, 6.0 kW

Replacing: M4T95082, M4T95076, M4T95072, M4T95071, M004T95082, M004T95076, M004T95072, M004T95071

Servicing: Mitsubishi

B+ M10, Total length 324.60

A: 100.00 B: 77.00 mm



11


**114393** Starter 24 V, 7.5 kW

Replacing: 37566-35200, 37566-15200, 37566-05200

Servicing: Mitsubishi, Volvo, Volvo Penta

B+ M10, Total length 407.00, Gear type DD, Mount. holes 3 (0)

A: 100.00 B: 50.00 mm



13

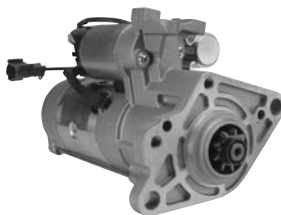
 NEW PRODUCT  
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**114394\*** Starter 12 V, 2.2 kW

Replacing: M3T67771, M003T67771

Mount. holes 3 (0)



9


**114418** Starter 12 V, 3.6 kW

Replacing: ME215097, ME015766, M8T55073, M8T55071, M008T55073, M008T55071

Servicing: Mitsubishi

B+ M8, Total length 287.60, Gear type GR, Mount. holes 2 (0)

A: 60.00 B: 18.00 mm



11


**114439** Starter 12 V, 2.7 kW

Replacing: M2T57674, M2T57673C, M2T57673A, M2T57673, M2T57672, M2T57671A, M2T57671, M002T57674, M002T57673C

Servicing: Mazda

B+ M8, 15a Plug, Total length 204.20, Mount. holes 3 (0)

A: 100.00 B: 49.00 mm



8


**114443** Starter 12 V, 0.9 kW

Replacing: MOT32572ZE, MOT32571ZE, MOT32571, M000T32572ZE, M000T32571ZE

Servicing: Hyundai, Kia

B+ M8, Total length 174.50, Gear type GR, Mount. holes 2 (2)

A: 77.00 B: 21.00 mm



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 NEW PRODUCT  
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**114444\*** Starter 12 V, 1.6 kW

Replacing: M001T68381, M1T68381, M001T68381, 30L66-10500

Mount. holes 2 (0)



10


**114445** Starter 24 V, 5.0 kW

Replacing: M8T60873, M8T60872, M8T60871, M008T60873, M008T60872, M008T60871, 32B66-12100, 32B66-02102

Servicing: Caterpillar

B+ M8, Total length 288.00, Gear type GR, Mount. holes 2 (0)

A: 82.50 B: 22.50 mm



10,11,12,13


**114460** Starter 12 V, 1.4 kW

Replacing: M1T80481, M1T80381, M1T80082, M1T80081, MOT86081, MOT20872ZE, MOT20872, MOT20871ZE, MOT20871

Servicing: Citroen, Fiat, Hyundai, Lancia, Mitsubishi, Peugeot

B+ M8, Total length 216.00, Gear type GR, Mount. holes 3 (3)

B: -4.00 mm



**114474** Starter 24 V, 5.0 kW

Replacing: M8T60972, M8T60971, M008T60972

Servicing: Isuzu

B+ M10, Total length 287.00, Gear type GR, Mount. holes 2 (0)

A: 95.00 B: 45.00 mm



**114479** Starter 12 V, 1.2 kW

Replacing: MOT65581, MOT65381, M000T65381

Servicing: Nissan

B+ M8, Total length 186.00, Gear type GR, Mount. holes 2 (0)

A: 83.50 B: 19.00 mm



**114485** Starter 12 V, 1.1 kW

Replacing: MOT90881, M000T90881

Servicing: Kubota

B+ M8x1.25, Total length 205.00, Gear type GR, Mount. holes 2 (0)

A: 66.00 B: 18.00 mm



**114686** Starter 12 V, 1.3 kW

Replacing: MOT88081

Servicing: Grasshopper

B+ M8, Total length 201.50, Gear type GR, Mount. holes 2 (0)

A: 66.00 B: 18.50 mm



**114696** Starter 12 V, 1.2 kW

Replacing: MOT60481, 30L66-10600

Servicing: Case, New Holland

B+ M8, Gear type GR, Mount. holes 2 (0)

A: 77.00 B: 16.00 mm



**114729** Starter 24 V, 7.0 kW

Replacing: M9T82179

Servicing: Various, Various Industrial applications

B+ M12, B- M12, Total length 404.00, Gear type GR, Mount. holes 3 (0), Insulated return

A: 92.00 B: 48.00 mm



**114733** Starter 24 V, 5.5 kW

Replacing: M9T62671

Servicing: Renault V.I.

B+ M10, Total length 318.00, Gear type GR, Mount. holes 3 (0)

A: 89.00 B: 27.00 mm



**114734\*** Starter 24 V, 7.0 kW

Replacing: M9T83879

Mount. holes 3 (0)



**114818\*** Starter 12 V, 3.6 kW

Replacing: M8T55779, M8T55579, M8T55578



**114819\*** Starter 24 V, 5.5 kW

Replacing: M9T65479

Insulated return



**114838\*** Starter 12 V, 4.5 kW

Replacing: M9T50471, M009T50471

Mount. holes 3 (0)



**114854** Starter 12 V, 2.5 kW

Replacing: 1810A111

Servicing: Citroen, Fiat, Lancia, Mitsubishi, Peugeot

B+ M8, Total length 238.00, Gear type GR, Mount. holes 5 (5), Not Insulated return

B: -5.00 mm



**114872** Starter 24 V, 5.5 kW

Replacing: M9T64171ZT, M9T64171, M9T62173, M9T62172, M009T64171ZT, M009T64171, M009T62173, M009T62172  
 Servicing: Volvo  
 B+ M10, Total length 351.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 92.00 B: 46.00 mm

**NEW PRODUCT**  
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**114873\*** Starter 24 V, 5.5 kW

Replacing: M9T62871, M009T62871  
 Gear type GR, Mount. holes 3 (0)



**114885** Starter 12 V, 0.9 kW

Replacing: M3T33281, M003T33281  
 Servicing: Kia  
 B+ M8, Total length 184.00,  
 Gear type DD, Mount. holes 3 (2), Not Insulated return  
 A: 74.0 B: 12.50 mm

**NEW PRODUCT**  
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**114893\*** Starter 24 V, 4.2 kW

Replacing: ME080740, M8T87171M, M8T87171  
 Gear type GR, Mount. holes 2 (0)



**NEW PRODUCT**  
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**115327\*** Starter 12 V, 2.0 kW

Replacing: M2T85672, M2T85671  
 Servicing: Honda  
 Gear type GR, Mount. holes 2 (0)



**NEW PRODUCT**  
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**115330\*** Starter 12 V, 2.2 kW

Replacing: ME193880, M8T76171  
 Mount. holes 2 (2)



**NEW PRODUCT**  
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**115359\*** Starter 12 V, 1.2 kW

Replacing: MN153444, MOT20672, MOT20671, 1810A001  
 Servicing: Mitsubishi  
 Gear type GR, Mount. holes 2 (2)



**NEW PRODUCT**  
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**115360\*** Starter 12 V, 1.4 kW

Replacing: MOT35471, M000T35471  
 Servicing: Alfa Romeo  
 Gear type GR, Mount. holes 2 (0)  
 A: 75.00 B: 31.00 mm



**NEW PRODUCT**  
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**115361\*** Starter 12 V, 1.0 kW

Replacing: MOT32172ZE, MOT32172, MOT32171, M000T32172ZE, M000T32172, M000T32171  
 Servicing: Nissan  
 Gear type GR, Mount. holes 4 (4)



**NEW PRODUCT**  
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**115377** Starter 12 V, 1.0 kW

Replacing: MOT65585  
 B+ M8, Gear type GR,  
 Mount. holes 2 (0), Not Insulated return  
 A: 83.50 B: 19.00 mm



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**115517\*** Starter 24 V, 7.0 kW

Replacing: M9T80072, M009T80072  
 Gear type GR, Mount. holes 3 (0)



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**115518\*** Starter 24 V, 5.5 kW

Replacing: M9T66371, M009T66371  
 Gear type GR, Mount. holes 3 (0)



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**111043** Starter 12 V, 0.6 kW

Replacing: 9AR2714F, 9AR2714, 9AL5009F, 9AL5009

Servicing: Evinrude, Johnson

B+ M6, Total length 200.50,

Gear type DD

A: 63.30 B: 43.50 mm



**110412** Starter 12 V, 2.2 kW

Replacing: 0-21000-5231, 0-21000-5230, 0-21000-4231, 0-21000-4230, 0-21000-3730

Servicing: Isuzu, John Deere, TCM

B+ M8, Total length 233.80, Gear type DD, Mount. holes 2 (0)

A: 94.90 B: 20.30 mm



**110555** Starter 24 V, 7.5 kW

Replacing: 0-23000-7022, 0-23000-3270, 0-23000-3186, 0-23000-3185, 0-23000-3184, 0-23000-3180, 0-23000-3153

Servicing: Komatsu

B+ M10-1.25, Total length 413.00, Gear type GR, Mount. holes 3 (0) With safety switch.

A: 92.00 B: 46.00 mm



**110556#** Starter 24 V, 7.5 kW

Replacing: 0-23000-7910, 0-23000-6693, 0-23000-6692, 0-23000-6691, 0-23000-6690, 0-23000-6591, 0-23000-6590

Servicing: Komatsu

B+ M10, Total length 407.00, Gear type GR, Mount. holes 3 (0) With safety switch.

A: 100.00 B: 53.00 mm



**110560#** Starter 24 V, 5.5 kW

Replacing: 0-21000-4851, 0-21000-4850, 0-21000-4132

Servicing: Komatsu

B+ M10, Total length 381.50, Gear type DD, Mount. holes 3 (0)

A: 100.00 B: 53.00 mm



**110568** Starter 12 V, 2.2 kW

Replacing: 0-23000-0262, 0-23000-0261, 0-23000-0260, 0-23000-0130

Servicing: Komatsu

B+ M8, Total length 315.00, Gear type GR, Mount. holes 2 (0)

A: 95.00 B: 20.00 mm



**110580** Starter 24 V, 4.5 kW

Replacing: 0-23000-3661, 0-23000-3016, 0-23000-3010, 0-23000-3000, 0-23000-1670, 0-23000-1050, 0-23000-1033

Servicing: Isuzu

B+ M10, Total length 358.00, Gear type GR, Mount. holes 3 (0)

A: 105.00 B: 41.00 mm



**110590** Starter 12 V, 2.8 kW

Replacing: 0-23000-1900, 0-23000-1860

Servicing: Bobcat, Perkins

B+ M10, Total length 339.00, Gear type GR, Clutch type Dry, Mount. holes 3 (0), Waterproof Replaces: 22MT, 27MT, 28MT.

A: 88.90 B: 46.00 mm



**110602** Starter 12 V, 2.8 kW

Replacing: 0-23000-2160, 0-23000-1840

Servicing: Bobcat, Clark, Perkins

B+ M10, Total length 339.00, Gear type GR, Clutch type Dry, Mount. holes 3 (0), Oil sealed Replacing: 22MT, 28MT.

A: 89.00 B: 46.00 mm



**110604** Starter 12 V, 2.8 kW

Replacing: 0-23000-1890, 0-23000-1880

Servicing: Allis Chalmers, Carrier Transcold, Perkins

B+ M10, Total length 340.00, Gear type GR, Clutch type Dry, Mount. holes 3 (0), Oil sealed Replacing: 22MT, 27MT, 28MT.

A: 88.75 B: 46.45 mm



**110656** Starter 24 V, 5.5 kW

Replacing: 0-23000-2561, 0-23000-2560, 0-23000-1752, 0-23000-1750, 0-23000-1550, 0-23000-1410, 0-23000-1292

Servicing: Komatsu

B+ M10, Total length 368.00, Gear type GR, Mount. holes 2 (0) With safety switch.

A: 104.90 B: 13.50 mm



**111019#** Starter 24 V, 7.5 kW

Replacing: 0-23000-8360, 0-23000-6343, 0-23000-6342, 0-23000-6341, 0-23000-6340

Servicing: Komatsu

B+ M10, Total length 408.00, Gear type GR, Mount. holes 3 (0) With safety switch.

A: 100.00 B: 53.00 mm



**111020** Starter 24 V, 7.5 kW

Replacing: 0-23000-8300, 0-23000-7021, 0-23000-7020, 0-23000-6533, 0-23000-6532, 0-23000-6531, 0-23000-6530

Servicing: Komatsu

B+ M10, Total length 407.00, Gear type GR, Mount. holes 3 (0) With safety switch.

A: 92.00 B: 47.00 mm



**111041** Starter 12 V, 2.8 kW  
 Replacing: 0-23000-1870, 0-23000-1830  
 Servicing: Fiat-Allis, Hyster, Perkins  
 B+ M10, Total length 338.50, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (0)  
 Replacing: 22MT, 27MT, 28MT.  
 A: 88.85 B: 46.25 mm



**111050#** Starter 24 V, 5.5 kW  
 Replacing: 0-23000-2571, 0-23000-2570,  
 0-23000-1270, 0-23000-1231, 0-23000-1230  
 Servicing: Komatsu  
 B+ M10, Total length 370.00,  
 Gear type GR, Mount. holes 3 (0)  
 With safety switch.  
 A: 100.00 B: 52.50 mm



**111212** Starter 24 V, 2.8 kW  
 Replacing: 0-23000-0333, 0-23000-0332,  
 0-23000-0331, 0-23000-0330, 0-23000-0063,  
 0-23000-0062, 0-23000-0061  
 Servicing: Komatsu  
 B+ M8, Total length 327.90,  
 Gear type GR, Mount. holes 2 (0)  
 A: 94.90 B: 21.00 mm



**111221** Starter 12 V, 2.5 kW  
 Replacing: 0-23000-2060  
 Servicing: Bobcat, Clark, John Deere  
 B+ M10, 15a M5, Total length 322.00,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 2 (0)  
 Replacing: 28MT.  
 A: 82.40 B: 33.00 mm



**111222** Starter 12 V, 2.8 kW  
 Replacing: 0-23000-2000  
 Servicing: Clark  
 B+ M10, 15a M5, Total length 338.00,  
 Gear type GR, Clutch type Wet,  
 Mount. holes 3 (0), Oil sealed  
 Replacing: 28MT.  
 A: 88.85 B: 19.80 mm



**111254#** Starter 24 V, 4.5 kW  
 Replacing: 0-23000-2541, 0-23000-2540,  
 0-23000-2201, 0-23000-2103, 0-23000-2102,  
 0-23000-2101, 0-23000-2100  
 Servicing: John Deere  
 B+ M10, Total length 332.25,  
 Gear type GR, Mount. holes 2 (0)  
 A: 94.85 B: 19.20 mm



**111393#** Starter 24 V, 3.5 kW  
 Replacing: 0-21000-4935, 0-21000-4934,  
 0-21000-4930, 0-21000-3470, 0-21000-3433,  
 0-21000-2340  
 Servicing: Isuzu  
 B+ M8, Total length 312.75, Gear type DD,  
 Clutch type Wet, Mount. holes 2 (0)  
 With safety switch.  
 A: 95.00 B: 19.00 mm



**111760** Starter 24 V, 4.5 kW  
 Replacing: 0-23000-2470, 0-23000-2270,  
 0-23000-2040, 0-23000-2031, 0-23000-2030  
 Servicing: Case, Cummins  
 B+ M10, Total length 339.00, Gear type GR,  
 Clutch type Wet, Mount. holes 3 (0), Oil sealed  
 Replacing: 7MT, 28MT.  
 A: 89.00 B: 45.00 mm



**111982** Starter 24 V, 4.0 kW  
 Replacing: 0-23000-2590, 0-23000-2358,  
 0-23000-2350  
 Servicing: Mercedes-Benz  
 B+ M10, Total length 317.50,  
 Gear type GR, Mount. holes 3 (0)  
 A: 88.75 B: 45.00-49.00 mm



**112253** Starter 12 V, 2.5 kW  
 Replacing: 0-24000-3200, 0-23000-2480,  
 0-23000-2444, 0-23000-2440, 0-23000-2380,  
 0-23000-2234, 0-23000-2230  
 Servicing: Ford, Ingersoll Rand  
 B+ M10, Total length 342.00, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (0)  
 Replacing: 28MT.  
 A: 88.80 B: 45.00 mm



**112267** Starter 12 V, 2.5 kW  
 Replacing: 0-23000-2460, 0-23000-2450,  
 0-23000-2434, 0-23000-2430, 0-23000-2020,  
 0-23000-1818, 0-23000-1810  
 Servicing: Bobcat, Cummins, Ford  
 B+ M10, Total length 339.00, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (0)  
 A: 89.00 B: 46.50 mm



**112268** Starter 12 V, 2.8 kW  
 Replacing: 0-23000-2140, 0-23000-2010,  
 0-23000-1850  
 Servicing: Allis Chalmers, Hyster, Massey  
 Ferguson, New Holland  
 B+ M10, Total length 340.00, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (0), Oil sealed  
 Replacing: 28MT.  
 A: 89.00 B: 46.00 mm




**112269#** Starter 24 V, 4.0 kW

Replacing: 0-23000-2150

Servicing: Lister

 B+ M10, Total length 345.00, Gear type GR, Clutch type Wet, Mount. holes 3 (0), Oil sealed  
 Replacing: 28MT.

A: 88.70 B: 47.00 mm


**112341** Starter 12 V, 2.5 kW

Replacing: 0-23000-1588, 0-23000-1581, 0-23000-1580, 0-23000-1571, 0-23000-1570

Servicing: Chevrolet, GMC

 B+ M10, Total length 337.50, Gear type GR, Clutch type Dry, Mount. holes 2 (0)  
 Replacing: 27MT, 28MT.

A: 82.50 B: 9.00 mm


**112649** Starter 24 V, 4.5 kW

Replacing: 0-23000-2342, 0-23000-2341, 0-23000-2340, 0-23000-1073, 0-23000-1071, 0-23000-1070

Servicing: Isuzu

B+ M10, Total length 348.00, Gear type GR, Clutch type Wet, Mount. holes 3 (0)

A: 105.00 B: 39.50 mm


**112653#** Starter 12 V, 2.5 kW

Replacing: 0-23000-1990

 Servicing: Clark, Various Industrial applications  
 B+ M10, Total length 339.20, Gear type GR, Clutch type Wet, Mount. holes 3 (0), Oil sealed  
 Replacing: 28MT.

A: 89.00 B: 46.00 mm


**112668** Starter 12 V, 2.5 kW

Replacing: 0-23000-2070

Servicing: Hough, Komatsu

 B+ M10, 15a M5, Total length 338.00, Gear type GR, Clutch type Wet, Mount. holes 3 (0)  
 Replacing: 28MT.

A: 89.00 B: 46.00 mm


**113385#** Starter 24 V, 3.5 kW

Replacing: 0-23000-0241, 0-23000-0240, 0-23000-0032, 0-23000-0031, 0-23000-0030

Servicing: Komatsu

 B+ Plug, Total length 315.00, Gear type GR, Mount. holes 2 (0)  
 With safety switch.

A: 95.00 B: 20.50 mm


**113435** Starter 24 V, 4.5 kW

Replacing: 0-23000-1940

Servicing: Hummer, Various

 B+ M10, Total length 336.50, Gear type GR, Clutch type Dry, Mount. holes 2 (0)  
 Replacing: 28MT.

A: 82.00 B: 7.50 mm


**113452** Starter 12 V, 2.5 kW

Replacing: 0-23000-2260

Servicing: Agco White

 B+ M10, 15a M5, Total length 338.50, Gear type GR, Clutch type Wet, Mount. holes 3 (0), Oil sealed  
 Replacing: 28MT.

A: 88.80 B: 45.00 mm


**113499#** Starter 24 V, 7.5 kW

Replacing: 0-23000-3292, 0-23000-3291, 0-23000-3290

Servicing: Komatsu

 B+ M10, Total length 412.50, Gear type DD, Mount. holes 3 (0)  
 With safety switch.

A: 92.00 B: 46.00 mm

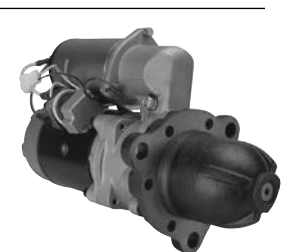

**114164** Starter 24 V, 7.5 kW

Replacing: 0-23000-3286, 0-23000-3285, 0-23000-3280, 0-23000-2386

Servicing: Komatsu

 B+ M12, Total length 395.00, Gear type GR, Mount. holes 3 (0)  
 With safety switch.

A: 92.00 B: 46.00 mm


**114165** Starter 24 V, 7.5 kW

Replacing: 0-23000-7162, 0-23000-7161, 0-23000-7160

Servicing: Komatsu

B+ M10, Total length 410.00, Gear type GR, Mount. holes 3 (0)

A: 92.00 B: 44.55 mm


**114166** Starter 24 V, 7.5 kW

Replacing: 0-23000-6523, 0-23000-6521, 0-23000-6520, 0-23000-3522

Servicing: komatsu

B+ M10, Total length 429.00, Gear type GR, Mount. holes 3 (0)

A: 92.00 B: 45.50 mm


**114267** Starter 24 V, 4.5 kW

Replacing: 0-24000-3151, 0-24000-3150

Servicing: John Deere

B+ M10, Total length 288.00,

Gear type GR, Mount. holes 3 (0)

A: 105.00 B: 41.30 mm


**114324** Starter 24 V, 4.5 kW

 Replacing: 0-24000-3251, 0-24000-3250,  
0-24000-3123, 0-24000-3122, 0-24000-3120

Servicing: Hitachi, Isuzu

Gear type GR, Mount. holes 2 (0)

A: 95.00 mm


**114393** Starter 24 V, 7.5 kW

 Replacing: 0-23000-7272, 0-23000-7271,  
0-23000-7270

Servicing: Mitsubishi, Volvo, Volvo Penta

B+ M10, Total length 407.00,

Gear type DD, Mount. holes 3 (0)

A: 100.00 B: 50.00 mm


**114396** Starter 24 V, 7.5 kW

 Replacing: 0-23000-3360, 0-23000-3341,  
0-23000-3340

Servicing: Komatsu

B+ M12, Total length 407.00,

Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 44.00 mm


**114442** Starter 24 V, 6.0 kW

 Replacing: 0-23000-6072, 0-23000-6071,  
0-23000-6070

Servicing: Isuzu

B+ M10, Total length 324.50,

Mount. holes 3 (0)

A: 105.00 B: 28.50 mm


**114474** Starter 24 V, 5.0 kW

Replacing: 0-24000-3041, 0-24000-3040

Servicing: Isuzu

B+ M10, Total length 287.00,

Gear type GR, Mount. holes 2 (0)

A: 95.00 B: 45.00 mm


**114483** Starter 24 V, 4.5 kW

Replacing: 0-24000-3261, 0-24000-3260

Servicing: JCB

B+ M10, Total length 230.10,

Gear type GR, Mount. holes 3 (0)

A: 10.50 B: 41.00 mm


**114659** Starter 24 V, 5.0 kW

 Replacing: 0-24000-0178, 0-24000-0168,  
0-24000-0148

Servicing: Case, Hitachi, JCB

B+ M10, Total length 306.00,

Gear type GR, Mount. holes 3 (1)

A: 90.00 B: 12.90 mm


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**114710** Starter 24 V, 4.0 kW

 Replacing: 0-23000-2374, 0-23000-2373,  
0-23000-2372, 0-23000-2371, 0-23000-2370

Servicing: Cummins

B+ M10, 15a M5, Total length 340.00,

Mount. holes 3 (0), Not Insulated return

A: 89.00 B: 46.00 mm



**110525** Starter 12 V, 3.0 kW

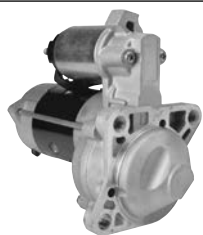
Replacing: 35259380

Servicing: Claas, Mercedes-Benz

B+ M10, Total length 341.00,  
Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm

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**110389** Starter 12 V, 2.0 kW

Replacing: 03101-3051, 03101-3050  
 Servicing: Asia Motors, Ford, Kia, Mazda, Suzuki  
 B+ M8, Total length 232.00,  
 Gear type GR, Mount. holes 3 (2)  
 A: 88.00 B: 6.00 mm


**111065** Starter 12 V, 2.2 kW

Replacing: 03111-4041, 03111-4040  
 Servicing: Daewoo, Mercedes-Benz, Ssangyong  
 B+ M8, Total length 276.00,  
 Gear type GR, Mount. holes 2 (2)  
 A: 82.30 B: 26.50 mm


**111683** Starter 12 V, 2.0 kW

Replacing: 03101-3031, 03101-3030  
 Servicing: Chevrolet, GMC, Iseki, Isuzu, Opel, TCM  
 B+ M8, Total length 232.50,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 2 (0)  
 A: 95.00 B: 19.50 mm


**112344** Starter 12 V, 2.5 kW

Replacing: 03111-5021, 03111-5020  
 Servicing: Daewoo  
 B+ M12, Total length 298.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 105.00 B: 41.50 mm


**112502** Starter 24 V, 4.5 kW

Replacing: 03112-7021  
 Servicing: Daewoo  
 B+ M10, Total length 293.50,  
 Gear type GR, Clutch type Wet,  
 Mount. holes 3 (0)  
 A: 105.00 B: 42.30 mm


**113327** Starter 12 V, 2.2 kW

Replacing: 03111-4140  
 Servicing: Kia  
 B+ M8, Total length 236.00,  
 Gear type GR, Mount. holes 3 (2)  
 A: 63.80 B: 4.50 mm


**113329** Starter 12 V, 2.0 kW

Replacing: 03101-3220, 03101-3190, 03101-3170  
 Servicing: Hyundai, Kia  
 B+ M8, Total length 223.00,  
 Gear type GR, Mount. holes 2 (2)  
 A: 82.40 B: 25.00 mm


**114732** Starter 12 V, 2.2 kW

Replacing: 03111-4241, 03111-4240  
 Servicing: Hyundai  
 B+ M8, Total length 237.00,  
 Gear type GR, Mount. holes 3 (2)  
 A: 64.00 B: 13.00 mm


**114762** Starter 12 V, 2.2 kW

Replacing: 03111-4200  
 Servicing: Kia  
 B+ M8, Total length 283.00,  
 Gear type GR, Mount. holes 3 (0), Not Insulated return  
 A: 88.00 B: 44.50 mm



**110240** Starter 12 V, 0.6 kW  
 Replacing: POA4002, POA4001, MGD4115, MGD4110, MGD4106  
 Servicing: Johnson  
 B+ M8, Total length 209.00,  
 Gear type DD, Mount. holes 1 (0)  
 A: 63.40 B: 44.00 mm



**110518** Starter 24 V, 4.0 kW  
 Replacing: 858320  
 Servicing: Benfra, Fiat, Fiat-Allis, Iveco  
 B+ M10, Total length 342.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 110.00 B: 27.00 mm



**110636** Starter 12 V, 0.6 kW  
 Replacing: MKW4005, MGL4014, MGL4013, MGL4002  
 Servicing: Chrysler  
 B+ 1/4" UNC, Total length 262.00,  
 Gear type DD, Mount. holes 2 (2)  
 A: 63.30 B: 64.00 mm



**110644** Starter 12 V, 0.6 kW  
 Replacing: POC4001, MKW4001, MGL4109, MGL4008  
 Servicing: Johnson  
 B+ 1/4" UNC, Total length 228.00,  
 Gear type DD, Mount. holes 2 (0)  
 A: 63.00 B: 44.00 mm



**110645** Starter 12 V, 0.9 kW  
 Replacing: MJL4005  
 Servicing: Johnson  
 B+ 1/4" UNC, Total length 253.00,  
 Gear type DD, Mount. holes 1 (0)  
 A: 63.50 B: 43.50 mm



**110647** Starter 12 V, 0.6 kW  
 Replacing: MKW4008, MKW4006, MGD4113, MGD4013, MGD4007A, MGD4007, MCD4007  
 Servicing: Evinrude, Johnson  
 B+ M6, Total length 208.00,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 3 (0)  
 A: 63.30 B: 44.70 mm



**110648** Starter 12 V, 0.7 kW  
 Replacing: MGL4001B, MGD4108A, MGD4108  
 Servicing: Mariner, Mercury  
 B+ 1/4" UNC, Total length 263.00,  
 Gear type DD, Mount. holes 1 (0)  
 A: 54.80 B: 48.00 mm



**110649** Starter 12 V, 0.8 kW  
 Replacing: MJL4003B, MJL4002A, MJL4002, MGL4012  
 Servicing: Mercury  
 B+ M6, Total length 290.00,  
 Gear type DD, Mount. holes 1 (0)  
 A: 54.80 B: 45.30 mm



**110793** Starter 12 V, 0.9 kW  
 Replacing: 11925115  
 Servicing: Citroen, Fiat, Peugeot  
 B+ M8, Total length 221.00,  
 Gear type DD, Mount. holes 2 (2)  
 A: 66.00 B: 22.00 mm



**110934<sup>#</sup>** Starter 12 V, 2.0 kW  
 Replacing: MEO005A  
 Servicing: Carrier Transicold, Thermo King  
 B+ M8, Total length 229.00,  
 Gear type GR, Mount. holes 2 (1)  
 A: 82.45 B: 22.50 mm



**110999** Starter 24 V  
 Replacing: MFY6601K, MFY66011, MFY6401L, MFY6401K, MFY6201K, MFY62011  
 Servicing: Case, Caterpillar, Fiat-Allis, Peterbilt Trucks, Various, Volvo  
 B+ M12, 15a M5, Total length 499.50,  
 Gear type DD, Mount. holes 3 (0),  
 Insulated return, Oil sealed  
 Replacing: 42MT.  
 A: 92.00 B: 46.50 mm



**111000** Starter 24 V, 6.5 kW  
 Replacing: 855694  
 Servicing: Caterpillar, Clark, Cummins, Fiat-Allis  
 B+ M12, B- M12, Total length 497.50,  
 Gear type DD, Mount. holes 3 (0),  
 Insulated return, Oil sealed  
 Replacing: 42MT.  
 A: 92.00 B: 47.25 mm


**111043** Starter 12 V, 0.6 kW

Replacing: POB4001, MGD4102C, MGD4102A, MGD4002M, MGD4002C, MGD4002A, MDW4204M, MDW4002M, MDH4102M, MDH4002M

Servicing: Evinrude, Johnson  
B+ M6, Total length 200.50,  
Gear type DD  
A: 63.30 B: 43.50 mm


**111218** Starter 24 V, 5.4 kW

Replacing: 860543  
Servicing: Volvo Penta  
B+ M10, B- M10, Total length 388.00,  
Gear type DD, Mount. holes 3 (0),  
Insulated return  
A: 89.00 B: 47.00 mm


**111219** Starter 24 V, 5.4 kW

Replacing: 860541  
Servicing: Volvo Penta  
B+ M10, B- M10, Total length 407.00,  
Gear type DD, Mount. holes 3 (0),  
Insulated return  
A: 89.00 B: 47.40 mm


**111231** Starter 24 V, 6.6 kW

Replacing: 860507  
Servicing: Renault V.I.  
B+ M10, B- M10, Total length 405.00,  
Gear type DD, Mount. holes 3 (0),  
Insulated return  
A: 89.00 B: 40.25 mm


**111771** Starter 24 V, 6.2 kW

Replacing: 860705  
Servicing: Mercedes-Benz  
B+ M12, Total length 405.00,  
Gear type DD, Mount. holes 3 (0)  
A: 92.00 B: 47.00 mm


**111835#** Starter 12 V

Replacing: MGL4004  
Servicing: Harley Davidson  
B+ M6, Total length 202.50,  
Gear type DD


**111910** Starter 24 V, 6.7 kW

Replacing: 860305Z  
Servicing: Scania  
B+ M12, 30h M12, Total length 429.00,  
Gear type DD, Clutch type Dry,  
Mount. holes 3 (0), Not Insulated return  
A: 92.00 B: 47.00 mm


**112130** Starter 12 V

Replacing: MHA7013, MHA7010, MDY7054, MDY6139  
Servicing: Volvo Penta  
B+ M8, 15a M5, Total length 302.75,  
Gear type DD, Mount. holes 2 (0)  
A: 82.30 B: 10.50 mm


**112224** Starter 24 V, 6.7 kW

Replacing: 860650  
Servicing: Scania  
B+ M12, Total length 428.00,  
Gear type DD, Clutch type Dry,  
Mount. holes 3 (0)  
A: 92.00 B: 48.00 mm


**112249** Starter 12 V, 2.7 kW

Replacing: MEO6005  
Servicing: Mercedes-Benz, Various  
Agriculture Vehicles  
B+ M10, Total length 295.00,  
Gear type GR, Mount. holes 2 (0)  
A: 82.50 B: 21.50 mm


**112656#** Starter 24 V, 4.5 kW

Replacing: 860803  
Servicing: DAF, ERF, Foden, Seddon  
B+ M10, Total length 375.00,  
Gear type DD, Mount. holes 3 (0)  
A: 89.00 B: 48.00 mm


**113333#** Starter 24 V, 7.0 kW

Replacing: MS1-410A  
Servicing: Seddon  
B+ M12, B- M12, Total length 483.00,  
Gear type DD, Mount. holes 3 (0),  
Insulated return  
A: 92.00 B: 47.00 mm



**113827** Starter      24 V, 7.6 kW

Replacing: M105R3507SE

Servicing: Cummins, Various Industrial applications

B+ M12, B- M12, 15a M5, 30h M12,  
Total length 406.00, Gear type GR,  
Mount. holes 3 (0)

A: 91.70      B: 46.95 mm



**114388** Starter      12 V, 3.2 kW

Replacing: 860715

Servicing: Hattat Tarim, JCB, Perkins

B+ M8, B- M8, 30h M10,  
Total length 296.50, Gear type DD,  
Mount. holes 3 (0)

*Iskra version.*

A: 89.00      B: 32.50 mm


**110205** Starter 24 V, 6.5 kW

Replacing: 19024075

Servicing: Volvo

 B+ M12, Total length 407.00,  
 Gear type DD, Mount. holes 3 (0),  
 Waterproof

A: 89.00 B: 47.50 mm


**110206** Starter 24 V, 5.4 kW

Replacing: 19024109, 19024025, 19024010

 Servicing: Claas, Fiat-Allis, Kossbohrer, MAN,  
 Mercedes-Benz, Neoplan, Setra

 B+ M12, B- M10, Total length 390.00,  
 Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 47.50 mm


**110207** Starter 24 V, 5.4 kW

Replacing: 19024553, 19024013

Servicing: Volvo, Volvo BM

 B+ M10, B- M10, Total length 387.00,  
 Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.00 mm


**110208** Starter 24 V, 5.4 kW

 Replacing: 19024576, 19024555, 19024099,  
 19024016, 19024015

 Servicing: Fiat-Allis, Mercedes-Benz, Steyr,  
 Volvo

 B+ M10, B- M10, Total length 387.00,  
 Gear type DD, Mount. holes 3 (0), Oil  
 sealed, Waterproof

A: 89.00 B: 48.50 mm


**110210** Starter 24 V, 6.6 kW

Replacing: 19024051

 Servicing: Fiat-Allis, Kossbohrer, MAN,  
 Mercedes-Benz, Mitsubishi, Neoplan,  
 Ssangyong

 B+ M12, B- M10, Total length 407.00,  
 Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 48.50 mm


**110212** Starter 24 V, 6.6 kW

Replacing: 19024078, 19024042

Servicing: Iveco, Scania

 B+ M12, B- M10, Total length 407.00,  
 Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 47.65 mm


**110213** Starter 24 V, 6.6 kW

Replacing: 19024053

Servicing: Fiat, Iveco

 B+ M12, B- M10, Total length 407.00,  
 Gear type DD, Mount. holes 3 (0)

A: 115.00 B: 20.80 mm


**110214** Starter 24 V, 6.6 kW

Replacing: 19024077

Servicing: Scania

 B+ M10, B- M10, Total length 407.00,  
 Gear type DD, Mount. holes 3 (0),  
 Insulated return

A: 92.00 B: 37.00 mm


**110216** Starter 12 V, 1.4 kW

 Replacing: 1998590, 1998589, 1998584,  
 1998583, 1998574, 1998570, 1998569,  
 1998568, 1998566, 1998562, 1998561

 Servicing: Buick, Cadillac, Chevrolet, GMC,  
 Mercruiser, Oldsmobile, OMC, Pontiac

 B+ M8, Total length 236.00,  
 Gear type DD, Mount. holes 2 (0)

Replacing: 10MT.

A: 68.00 B: 0.00 mm


**110218** Starter 12 V

 Replacing: 1998579, 1109431, 1109072,  
 1109026, 1109022, 1108794, 1108766,  
 1108765, 1108759, 1108758, 1108519

Servicing: Buick, Cadillac, Oldsmobile, Pontiac

 B+ 3/8" UNC, 15a M4, Total length 287.00,  
 Gear type DD, Mount. holes 2 (0)

Replacing: 10MT.

A: 82.30 B: 8.00 mm


**110221** Starter 12 V, 1.2 kW

 Replacing: 323-427, 323-422, 323-421, 323-  
 411, 1998544, 1998530, 1998526, 1998521,  
 1998515, 1998514, 1998450

 Servicing: Buick, Chevrolet, GMC,  
 Oldsmobile, Pontiac

 B+ M8, Total length 270.50,  
 Gear type DD, Mount. holes 2 (0)

Replacing: 8MT.

A: 68.00 B: 8.25 mm


**110225** Starter 12 V

Replacing: 10465075

Servicing: Ford, Lincoln, Mercury

 B+ M8, Total length 252.00,  
 Gear type DD, Mount. holes 2 (0)

Marine type ACR: HC-CARGO 111213.

A: 105.00 B: 16.50 mm




**110231** Starter 12 V

Replacing: 10465082, 10465081  
 Servicing: American Motors, Jeep  
 B+ M6, Total length 265.50,  
 Gear type DD, Mount. holes 2 (1)  
 A: 82.50 B: 17.50 mm


**110241** Starter 12 V, 0.8 kW

Replacing: 1113577, 1113569, 1113553,  
 1113552, 1113518, 1113510  
 Servicing: Mercury  
 B+ 1/4" UNC, Total length 210.00,  
 Gear type DD, Mount. holes 2 (2)  
 A: 54.00 B: 0.50 mm


**110347** Starter 24 V, 7.5 kW

Replacing: 1993840, 1990284, 1990276,  
 1990274, 1990273, 1990272, 1990271,  
 1990270, 1990269, 1990268, 1990266  
 Servicing: Caterpillar, Clark, Fiat-Allis, Iveco  
 B+ M12, B- M12, 15a M4,  
 Total length 522.00, Gear type DD,  
 Mount. holes 3 (0), Insulated return,  
 Oil sealed  
 Replacing: 50MT.  
 A: 92.00 B: 47.00 mm


**110352** Starter 12 V, 1.3 kW

Replacing: 19024839  
 Servicing: Fiat, Lada  
 B+ M8, Total length 237.00, Gear type DD,  
 Clutch type Wet, Mount. holes 3 (3)  
 A: 83.00 B: 22.30 mm


**110364** Starter 12 V, 0.65 kW

Replacing: 3471390, 3471171, 3471163,  
 3471143, 171, 163  
 Servicing: Opel, Vauxhall  
 B+ M8, 15a 6.30, Total length 229.50,  
 Gear type DD, Mount. holes 2 (0)  
 A: 68.00 B: 14.00 mm


**110368** Starter 12 V, 2.3 kW

Replacing: 19024249, 19024239  
 Servicing: Audi, Mercedes-Benz, Volvo  
 B+ M10, Total length 289.00,  
 Gear type DD, Mount. holes 2 (2)  
 A: 82.50 B: 21.00 mm


**110394** Starter 12 V, 0.85 kW

Replacing: 323-540  
 Servicing: Chevrolet, GEO, Suzuki  
 B+ M8, Total length 207.00,  
 Gear type DD/GR, Mount. holes 2 (0)  
 A: 65.85 B: 4.35 mm


**110409** Starter 12 V, 3.0 kW

Replacing: 19024563, 19024001  
 Servicing: Kaelble, Mack, Sennebogen  
 B+ M10, Total length 384.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 47.00 mm


**110414** Starter 12 V

Replacing: 1109534, 1109527, 1109524, 1109521  
 Servicing: American Motors, Buick,  
 Chevrolet, GMC, Jeep, Oldsmobile, Pontiac  
 B+ M10, 15a 8-32 UNC, Gear type DD,  
 Total length 286.00, Mount. holes 2 (0)  
 Replacing: 8MT.  
 A: 68.10 B: 16.00 mm


**110436** Starter 12 V

Replacing: 323-855, 323-830, 323-829,  
 1993983, 1993961, 1993943, 1993942,  
 1993939, 1993938, 1993937, 1993935  
 Servicing: Caterpillar, Clark, Mack, Various  
 B+ 1/2" UNC, Total length 506.00,  
 Gear type DD, Mount. holes 3 (0),  
 Insulated return, Oil sealed  
 Replacing: 42MT.  
 A: 92.00 B: 46.00 mm


**110468** Starter 12 V

Replacing: 1998267, 1998266, 1109091,  
 1109090, 1108197, 1107378, 1107377  
 Servicing: Bobcat, Clark, Hyster, Various  
 Agriculture Vehicles  
 B+ 3/8" UNC, 15a 8-32 UNC, Gear type DD,  
 Total length 307.00, Clutch type Wet,  
 Mount. holes 3 (0), Oil sealed  
 Replacing: 10MT.  
 A: 88.65 B: 20.50 mm


**110469** Starter 12 V

Replacing: 1998281, 1998270, 1998269, 1109093,  
 1108421, 1107203, 10455355, 10455340, 10455304  
 Servicing: Bobcat, Various Agriculture Vehicles  
 B+ M10, 15a M5, Total length 306.70,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 3 (0)  
 Replacing: 10MT.  
 A: 88.60 B: 44.50 mm


**110472** Starter 12 V

Replacing: 1998337, 1107582, 1107557

Servicing: Hyster

B+ 3/8" UNC, 15a M4, Gear type DD, Total length 343.00, Clutch type Wet, Mount. holes 3 (0), Oil sealed

Replacing: 20MT.

A: 89.00 B: 47.50 mm


**110485** Starter 12 V, 1.4 kW

Replacing: 10465584, 10465440

Servicing: Thermo King, Yanmar

B+ M8, Total length 214.00, Gear type GR, Mount. holes 2 (0)

A: 95.00 B: 21.00 mm


**110491** Starter 12 V, 1.4 kW

Replacing: 1998274, 1109098, 1108505, 1107209

Servicing: Allis Chalmers, Hyster

B+ M10, Total length 305.00, Gear type DD, Clutch type Dry, Mount. holes 3 (0), Oil sealed

Replacing: 10MT.

A: 88.00 B: 45.00 mm


**110506** Starter 12 V

Replacing: 1998271, 1109095, 1108423, 1108422, 1107295, 1107287, 1107205, 1107204, 1107194

Servicing: Hyster

B+ M10, 15a M4, Total length 305.00, Gear type DD, Clutch type Wet, Mount. holes 3 (0), Oil sealed

Replacing: 10MT.

A: 89.00 B: 47.00 mm


**110509** Starter 12 V, 1.4 kW

Replacing: 3182972

Servicing: American Motors, Jeep

B+ M8, Total length 265.50, Gear type DD, Mount. holes 2 (1)

A: 82.50 B: 17.00 mm


**110512** Starter 24 V, 5.4 kW

Replacing: 19024556, 19024550, 19024024

Servicing: Ahlmann, Irmer, Mercedes-Benz, Various Agriculture Vehicles

B+ M10, Total length 384.00, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm


**110517** Starter 24 V, 3.2 kW

Replacing: 19024242

Servicing: Benfra, Fiat-Allis, Iveco

B+ M10, Total length 295.00, Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 27.00 mm


**110518** Starter 24 V, 4.0 kW

Replacing: 19024256, 19024232

Servicing: Benfra, Fiat, Fiat-Allis, Iveco

B+ M10, Total length 342.00, Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 27.00 mm


**110519** Starter 12 V, 3.0 kW

Replacing: 19024229

Servicing: Iveco, Volvo

B+ M10, Total length 340.50, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm


**110520** Starter 24 V, 4.0 kW

Replacing: 19024201

Servicing: Cummins, Fiat-Allis

B+ M10, Total length 343.00, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.50 mm


**110521** Starter 24 V, 4.0 kW

Replacing: 19024273, 19024231

Servicing: Benfra, Fiat, Fiat-Allis, Iveco

B+ M10, Total length 343.00, Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 27.00 mm


**110522** Starter 12 V, 3.0 kW

Replacing: 19024253, 19024202

Servicing: Fiat, Fiat-Allis, Iveco, New Holland

B+ M10, Total length 341.00, Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 26.50 mm



**110523** Starter 24 V, 4.8 kW  
 Replacing: 19024813, 19024234, 19024226  
 Servicing: ABG, Ahlmann, Case, Compair, Iveco, KHD, Payloader  
 B+ M10, Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 27.50 mm



**110524** Starter 24 V, 4.0 kW  
 Replacing: DRX67131, 19024258, 19024236, 19024225, 19024204, 10479627  
 Servicing: Mercedes-Benz  
 B+ M10, Total length 341.00, Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 48.00 mm



**110525** Starter 12 V, 3.0 kW  
 Replacing: 19024223, 19024205  
 Servicing: Claas, Mercedes-Benz  
 B+ M10, Total length 341.00, Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 48.00 mm



**110527** Starter 24 V, 4.0 kW  
 Replacing: 19024233  
 Servicing: Scania, Steyr  
 B+ M10, Total length 342.00, Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 46.50 mm



**110529** Starter 12 V, 3.0 kW  
 Replacing: 19024272, 19024230  
 Servicing: Agrifull, Benfra, Fiat, Fiat-Allis, Iveco  
 B+ M10, Total length 340.50, Gear type DD, Mount. holes 3 (0)  
 A: 110.00 B: 30.00 mm



**110530** Starter 12 V, 3.0 kW  
 Replacing: 19024238  
 Servicing: Huerlimann, Lamborghini, Same  
 B+ M10, Total length 342.00, Gear type DD, Mount. holes 2 (0)  
 A: 82.00 B: 22.00 mm



**110531** Starter 24 V, 6.6 kW  
 Replacing: 19024071  
 Servicing: Fiat-Allis, Gmeinder, KHD, Mercedes-Benz  
 B+ M12, B- M10, Total length 405.00, Gear type DD  
 A: 56.00 B: 37.00 mm



**110532** Starter 24 V, 6.6 kW  
 Replacing: 19024054  
 Servicing: Iveco  
 B+ M10, B- M10, Total length 405.00, Gear type DD, Mount. holes 3 (0), Waterproof  
 A: 115.00 B: 21.00 mm



**110533** Starter 24 V, 5.4 kW  
 Replacing: 19024011  
 Servicing: Steyr  
 B+ M10, B- M10, Total length 387.00, Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 46.50 mm



**110534** Starter 24 V, 5.4 kW  
 Replacing: 19024030  
 Servicing: Fiat, Ford, Iveco, Various Agriculture Vehicles  
 B+ M10, Total length 390.00, Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 47.00 mm



**110535** Starter 24 V, 5.4 kW  
 Replacing: 19024035  
 Servicing: Iveco  
 B+ M10, B- M10, Total length 384.00, Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 47.00 mm



**110536** Starter 12 V, 2.7 kW  
 Replacing: 19024824, 19024252, 19024235, 19024224  
 Servicing: ABG, Atlas Copco, Bobcat, Bomag, Bosch, Case, Claas, Deutz-Fahr, Fendt, Irmer, Iveco, KHD, Kramer, Mercedes-Benz  
 B+ M10, Total length 234.00, Gear type GR, Mount. holes 3 (0)  
 A: 89.00 B: 28.00 mm



**110537** Starter 12 V, 3.6 kW  
 Replacing: 19024562, 19024561, 19024000  
 Servicing: Volvo BM  
 B+ M10, B- M10, Total length 384.50,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 47.00 mm



**110538** Starter 12 V, 3.6 kW  
 Replacing: 19024005  
 Servicing: Volvo Penta  
 B+ M10, B- M10, Total length 384.00,  
 Gear type DD, Mount. holes 3 (0),  
 Insulated return  
 A: 89.00 B: 47.00 mm



**110539** Starter 12 V, 3.6 kW  
 Replacing: 19024008  
 Servicing: Claas, Mercedes-Benz, New  
 Holland  
 B+ M10, B- M10, Total length 384.50,  
 Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 47.00 mm



**110551** Starter 12 V, 3.0 kW  
 Replacing: 19024815  
 Servicing: Lamborghini, Same, Ursus, Zetor  
 B+ M10, Total length 326.50,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 47.00 mm



**110565** Starter 12 V, 2.8 kW  
 Replacing: 19024817  
 Servicing: Eicher, Massey Ferguson  
 B+ M8, Total length 313.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 29.50 mm



**110569** Starter 12 V  
 Replacing: 1113683, 1113652  
 Servicing: Hyster  
 B+ M10, 15a M4, Total length 405.00,  
 Gear type DD, Clutch type Wet,  
 Mount. holes 3 (0), Oil sealed  
 Replacing: 35MT.  
 A: 89.00 B: 47.25 mm



**110582** Starter 24 V, 5.4 kW  
 Replacing: 19024046, 19024018  
 Servicing: Iveco  
 B+ M10, B- M10, Total length 384.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 47.00 mm



**110590** Starter 12 V, 2.8 kW  
 Replacing: 1998480, 1998376, 1998359,  
 1998342, 1998335, 1998330, 1113282,  
 1113281, 1109263, 1109261, 1109253  
 Servicing: Bobcat, Perkins  
 B+ M10, Total length 339.00,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 3 (0), Waterproof  
 Replaces: 22MT, 27MT, 28MT.  
 A: 88.90 B: 46.00 mm



**110601** Starter 24 V, 5.4 kW  
 Replacing: 19024578  
 Servicing: Mercedes-Benz, Steyr  
 B+ M10, Total length 384.25,  
 Gear type DD, Mount. holes 3 (0)  
 A: 88.85 B: 47.50 mm



**110602** Starter 12 V, 2.8 kW  
 Replacing: 1998339, 1113273, 1108692, 1107588,  
 10479613, 10465420, 10465348, 10465058  
 Servicing: Bobcat, Clark, Perkins  
 B+ M10, Total length 339.00, Clutch type Dry,  
 Gear type GR, Mount. holes 3 (0), Oil sealed  
 Replacing: 22MT, 28MT.  
 A: 89.00 B: 46.00 mm



**110604** Starter 12 V, 2.8 kW  
 Replacing: 1998409, 1998394, 1998378,  
 1998338, 1998334, 1113280, 1113279,  
 1109272, 1107587, 1107567, 10465048  
 Servicing: Allis Chalmers, Carrier Transcold,  
 Perkins  
 B+ M10, Total length 340.00, Clutch type Dry,  
 Gear type GR, Mount. holes 3 (0), Oil sealed  
 Replacing: 22MT, 27MT, 28MT.  
 A: 88.75 B: 46.45 mm



**110608** Starter 12 V, 0.5 kW  
 Replacing: 19024833  
 Servicing: Fiat  
 B+ M8, Total length 233.75, Gear type DD,  
 Clutch type Dry, Mount. holes 3 (0)  
 A: 61.90 B: 7.70 mm



8


**110807** Starter 12 V, 0.85 kW

Replacing: 111018

Servicing: Ford, Kia, Mazda, Opel

B+ M8, Total length 197.25,

Gear type DD, Mount. holes 2 (0)

A: 70.00 B: 20.50 mm



8,10


**110808** Starter 12 V, 0.85 kW

Replacing: 112816, 111089

Servicing: Ford, Kia, Mazda

B+ M8, Total length 197.00,

Gear type DD, Mount. holes 3 (2)

A: 74.00 B: 14.50 mm



9


**110812** Starter 12 V, 2.0 kW

Replacing: 19024241

Servicing: Alfa Romeo, Fiat, Seat

B+ M10, Total length 293.00,

Gear type DD, Clutch type Dry,
 Mount. holes 3 (0)

A: 110.00 B: 27.00 mm



9


**110814** Starter 12 V, 2.7 kW

Replacing: 19024255

Servicing: Alfa Romeo, Benfra, Fiat, Iveco,

Lancia, Massey Ferguson, Renault

B+ M10, Total length 296.50,

Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 26.80 mm



10


**110819** Starter 12 V, 2.8 kW

Replacing: 19024821

Servicing: Eicher, Massey Ferguson, Perkins

B+ M8, Total length 311.00,

Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 23.00 mm



9,10


**110839** Starter 12 V, 1.7 kW

Replacing: 3471396

Servicing: Opel, Vauxhall

B+ M8, Total length 269.50,

Gear type GR, Mount. holes 2 (1)

A: 82.00 B: 19.60 mm



11


**110932** Starter 24 V, 5.4 kW

Replacing: 19024040

Servicing: DAF

B+ M10, B- M10, Total length 384.50,

Gear type DD, Mount. holes 3 (0),
 Insulated return

A: 88.85 B: 47.00 mm



12


**110980** Starter 24 V, 5.4 kW

Replacing: 19024048

Servicing: Volvo

B+ M10, B- M10, Total length 387.00,

Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 47.00 mm



11


**110981** Starter 24 V, 5.4 kW

Replacing: 19024106, 19024049

Servicing: DAF

B+ M12, B- M10, Total length 387.00,

Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 47.50 mm



12


**110999** Starter 24 V

Replacing: 1993945, 1993833, 1993815,

1993814, 1993808, 1993804, 1993797,

1993796, 1993704, 1990809, 1990497

Servicing: Case, Caterpillar, Fiat-Allis,
 Peterbilt Trucks, Various, Volvo

B+ M12, 15a M5, Total length 499.50,

Gear type DD, Mount. holes 3 (0),

Insulated return, Oil sealed

Replacing: 42MT.

A: 92.00 B: 46.50 mm



11


**111000** Starter 24 V, 6.5 kW

Replacing: 199903, 1993924, 1993842,

1993810, 1993805, 1993802, 1993700,

1990838, 1990493, 1990491, 1990485

Servicing: Caterpillar, Clark, Cummins, Fiat-Allis

B+ M12, B- M12, Total length 497.50,

Gear type DD, Mount. holes 3 (0),

Insulated return, Oil sealed

Replacing: 42MT.

A: 92.00 B: 47.25 mm



9,11


**111001** Starter 12 V, 3.0 kW

Replacing: 19024250

Servicing: Lamborghini, Same, Steyr

B+ M10, Total length 340.00,

Gear type DD, Mount. holes 2 (0)

A: 82.00 B: 21.60 mm



**111003** Starter 24 V, 5.4 kW  
 Replacing: 19024012  
 Servicing: Hanomag, Mercedes-Benz  
 B+ M10, Total length 387.50, Gear type DD,  
 Mount. holes 3 (0), Waterproof  
 A: 89.00 B: 47.50 mm



**111007**# Starter 12 V  
 Replacing: 1993885, 1113660, 1113639  
 Servicing: Clark, Perkins  
 B+ M10, 15a M4, Total length 405.00,  
 Gear type DD, Clutch type Wet,  
 Mount. holes 3 (0)  
 Replacing: 35MT.  
 A: 88.85 B: 47.50 mm



**111025** Starter 12 V, 0.8 kW  
 Replacing: 19024838  
 Servicing: Autobianchi, Fiat, Lancia  
 B+ M8, Total length 199.25,  
 Gear type DD, Mount. holes 3 (2)  
 A: 64.00 B: 11.00 mm



**111034** Starter 12 V, 1.2 kW  
 Replacing: 1998524, 1998427, 1109064,  
 1108776, 10465393, 10465065, 10455070,  
 10455054, 10455050, 10455042  
 Servicing: Chevrolet, GMC, Isuzu, Jeep,  
 Oldsmobile, Pontiac  
 B+ M8, Total length 270.00,  
 Gear type DD, Mount. holes 2 (0)  
 Replacing: SD260.  
 A: 67.80 B: 18.00 mm



**111041** Starter 12 V, 2.8 kW  
 Replacing: 1998481, 1998387, 1998383,  
 1998336, 1113278, 1113275, 1109550,  
 1107580, 10465406, 10465046  
 Servicing: Fiat-Allis, Hyster, Perkins  
 B+ M10, Total length 338.50, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (0)  
 Replacing: 22MT, 27MT, 28MT.  
 A: 88.85 B: 46.25 mm



**111046** Starter 24 V, 6.6 kW  
 Replacing: 19024052  
 Servicing: MAN, Volvo  
 B+ M10, Total length 404.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 88.85 B: 48.00 mm



**111049** Starter 12 V  
 Replacing: 1998576, 1109439  
 Servicing: Hyster, Various, Various Agriculture  
 Vehicles  
 B+ M8, 15a M5, Total length 304.00,  
 Gear type DD, Clutch type Wet,  
 Mount. holes 3 (0), Oil sealed  
 Replacing: 10MT.  
 A: 88.90 B: 46.25 mm



**111055** Starter 12 V, 0.7 kW  
 Replacing: 9000781, 3491190, 3471393,  
 3471371, 3471177, 3471172, 3471168,  
 3471150, 177, 172, 168, 150  
 Servicing: Opel, Pontiac, Vauxhall  
 B+ M8, 15a 6.30, Total length 229.50,  
 Gear type DD, Mount. holes 2 (0)  
 A: 67.95 B: 18.25 mm



**111056**# Starter 12 V, 0.8 kW  
 Replacing: 394, 3471394, 3471377, 3471155,  
 155  
 Servicing: Opel, Vauxhall  
 B+ M8, Total length 243.50,  
 Gear type DD, Mount. holes 2 (1)  
 A: 82.40 B: 17.00 mm



**111065** Starter 12 V, 2.2 kW  
 Replacing: 110397  
 Servicing: Daewoo, Mercedes-Benz,  
 Ssangyong  
 B+ M8, Total length 276.00,  
 Gear type GR, Mount. holes 2 (2)  
 A: 82.30 B: 26.50 mm



**111122** Starter 12 V, 1.0 kW  
 Replacing: 3471850, 3471174, 3471170, 174  
 Servicing: Opel, Vauxhall  
 B+ M8, 15a 6.30, Total length 245.15,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 2 (1)  
 A: 82.40 B: 17.00 mm



**111123** Starter 12 V, 0.9 kW  
 Replacing: 96208781, 9000981, 9000795,  
 10455506  
 Servicing: Chevrolet, Daewoo, Fiat,  
 Mercedes-Benz, Opel, Vauxhall  
 B+ M8, Total length 208.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 67.95 B: 18.55 mm


**111127** Starter 12 V, 1.4 kW

Replacing: X16478, 9000802, 9000791, 9000785, 9000772, 9000758, 9000756, 9000751, 9000700, 3471173, 3471169

 Servicing: Opel, Pontiac, Vauxhall  
 B+ M8, Total length 183.00,  
 Gear type GR, Mount. holes 2 (0)  
 Replacing: PG100.

A: 68.00 B: 18.00 mm


**111190** Starter 12 V

Replacing: 1998210, 1109422, 1109088, 1109087, 1108508, 1107379, 1107308, 10455332

 Servicing: Caterpillar, Clark  
 B+ 3/8" UNF, 15a M4, Total length 303.45,  
 Gear type DD, Clutch type Wet,  
 Mount. holes 3 (0), Oil sealed  
 Replacing: 10MT.

A: 88.70 B: 21.00 mm


**111217** Starter 12 V, 3.0 kW

Replacing: 19024566, 19024565

 Servicing: Volvo, Volvo BM  
 B+ M10, B- M10, Total length 386.50,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 48.00 mm

**111218** Starter 24 V, 5.4 kW

Replacing: 19024028

 Servicing: Volvo Penta  
 B+ M10, B- M10, Total length 388.00,  
 Gear type DD, Mount. holes 3 (0),  
 Insulated return  
 A: 89.00 B: 47.00 mm

**111219** Starter 24 V, 5.4 kW

Replacing: 19024063, 19024047

 Servicing: Volvo Penta  
 B+ M10, B- M10, Total length 407.00,  
 Gear type DD, Mount. holes 3 (0),  
 Insulated return

A: 89.00 B: 47.40 mm


**111221** Starter 12 V, 2.5 kW

Replacing: 1113271, 1109251, 1107871, 1107863, 1107599, 1107577

 Servicing: Bobcat, Clark, John Deere  
 B+ M10, 15a M5, Total length 322.00,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 2 (0)  
 Replacing: 28MT.

A: 82.40 B: 33.00 mm


**111222** Starter 12 V, 2.8 kW

Replacing: 1998389, 1113288, 1109540

 Servicing: Clark  
 B+ M10, 15a M5, Total length 338.00,  
 Gear type GR, Clutch type Wet,  
 Mount. holes 3 (0), Oil sealed  
 Replacing: 28MT.

A: 88.85 B: 19.80 mm


**111224** Starter 12 V, 4.0 kW

Replacing: 1993988, 1993894, 1993886, 1993881, 1993799, 1993790, 1993769, 1993762, 1993754, 1993712, 1993705

 Servicing: John Deere  
 B+ M10, Total length 402.50, Gear type GR,  
 Mount. holes 3 (0), Oil sealed  
 Replacing: 37MT.

A: 88.90 B: 47.60 mm


**111231** Starter 24 V, 6.6 kW

Replacing: 19024080

 Servicing: Renault V.I.  
 B+ M10, B- M10, Total length 405.00,  
 Gear type DD, Mount. holes 3 (0),  
 Insulated return

A: 89.00 B: 40.25 mm


**111249** Starter 24 V, 5.4 kW

Replacing: 19024554, 19024027

 Servicing: Various Industrial applications  
 B+ M10, Total length 381.80, Gear type DD,  
 Mount. holes 3 (0), Waterproof

A: 89.00 B: 48.25 mm


**111258** Starter 12 V

Replacing: 1998225, 1970445, 1876552, 1109074, 1109067, 1109059, 1109029, 1108799, 1108788, 1108783, 1108775

 Servicing: Buick, Chevrolet, GMC, Oldsmobile, Pontiac  
 B+ M10, 15a M4, Total length 292.75,  
 Gear type DD, Mount. holes 3 (0)  
 Replacing: 10MT.

A: 71.15 B: 5.85 mm


**111259** Starter 12 V, 1.3 kW

Replacing: 1998305, 1109568, 1109430, 1108511

 Servicing: Case  
 B+ M10, 15a M5, Total length 305.00,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 3 (0)  
 Replacing: 10MT.

A: 88.70 B: 19.00 mm





**111260** Starter 12 V, 1.4/1.6 kW  
 Replacing: 1998313, 1109446, 1107681, 1107655  
 Servicing: Case  
 B+ M10, 15a M4, Total length 277.50,  
 Gear type DD, Mount. holes 2 (0)  
 Replacing: 10MT.  
 A: 82.35 B: 17.75 mm



**111277** Starter 12 V  
 Replacing: 1998580, 1998318, 1998317,  
 1109490, 1109489, 1109488, 1109487,  
 1109486, 1108756, 1108755  
 Servicing: Chevrolet, GMC, Mercruiser, OMC  
 B+ M10, 15a M4, Total length 294.00,  
 Gear type DD, Mount. holes 2 (0)  
 Replacing: 10MT.  
 A: 82.60 B: 19.45 mm



**111383** Starter 12 V, 2.8 kW  
 Replacing: 1113285  
 Servicing: Bobcat, Clark  
 B+ M10, 15a M5, Total length 341.50,  
 Gear type GR, Clutch type Wet,  
 Mount. holes 3 (0), Oil sealed  
 Replacing: 28MT.  
 A: 89.00 B: 45.75 mm



**111399** Starter 24 V, 4.0 kW  
 Replacing: 19024262  
 Servicing: DAF  
 B+ M10, Total length 352.50, Gear type DD,  
 Clutch type Wet, Mount. holes 3 (0)  
 A: 89.00 B: 38.00 mm



**111640** Starter 24 V, 4.0 kW  
 Replacing: 19024264  
 Servicing: MAN  
 B+ M10, Total length 338.50,  
 Gear type DD, Mount. holes 3 (0)  
 A: 88.50 B: 28.00 mm



**111684** Starter 12 V, 1.4 kW  
 Replacing: 96550792, 96208782, 9000801  
 Servicing: Daewoo, Opel, Vauxhall  
 B+ M8, Total length 213.00,  
 Gear type GR, Clutch type Wet,  
 Mount. holes 2 (0)  
 A: 67.90 B: 18.00 mm



**111699** Starter 12 V, 1.6 kW  
 Replacing: 9000895, 9000850, 9000822,  
 9000820, 9000763, 8000193, 323-677,  
 12301334  
 Servicing: Mercruiser, Volvo Penta  
 B+ M8, 15a M5, Total length 240.00,  
 Gear type GR, Clutch type Wet,  
 Mount. holes 2 (1)  
 Replacing: PG260L.  
 B: 17.00 mm



**111709** Starter 12 V, 2.2 kW  
 Replacing: 110002  
 Servicing: Daewoo, Isuzu, TCM  
 B+ M8, Total length 233.65,  
 Gear type GR, Clutch type Wet,  
 Mount. holes 2 (0)  
 A: 95.00 B: 20.00 mm



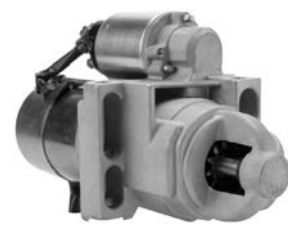
**111752** Starter 12 V, 2.7 kW  
 Replacing: 19024257  
 Servicing: Case, Payloader  
 B+ M10, Total length 342.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 47.00 mm



**111760** Starter 24 V, 4.5 kW  
 Replacing: 1998488, 1113594, 1113294,  
 1113291, 1113277, 10479656, 10479623,  
 10479622, 10479616, 10461486  
 Servicing: Case, Cummins  
 B+ M10, Total length 339.00,  
 Gear type GR, Clutch type Wet,  
 Mount. holes 3 (0), Oil sealed  
 Replacing: 7MT, 28MT.  
 A: 89.00 B: 45.00 mm



**111771** Starter 24 V, 6.2 kW  
 Replacing: 19024179  
 Servicing: Mercedes-Benz  
 B+ M12, Total length 405.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 47.00 mm



**111786** Starter 12 V, 1.7 kW  
 Replacing: 9000884, 9000851, 9000821,  
 9000819, 9000789, 9000768, 9000762,  
 9000761, 9000735, 9000725, 9000719  
 Servicing: Mercruiser, Mercury, OMC  
 B+ M8, 15a M5, Total length 246.00,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 2 (0)  
 B: 18.50 mm





10


**111793** Starter 12 V, 3.0 kW

Replacing: 19024261

 Servicing: Caterpillar, Mercedes-Benz, Volvo  
 B+ M10, Total length 342.00,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 3 (0)

A: 88.80 B: 28.50 mm



9


**111805** Starter 12 V, 2.5 kW

Replacing: 17610-Q1010, 111534

Servicing: Ford, Nissan

 B+ M8, Total length 228.00,  
 Gear type GR, Mount. holes 2 (0)

A: 95.00 B: 11.50 mm



9


**111848** Starter 12 V, 1.0 kW

Replacing: 96450663, 96208785

 Servicing: Chevrolet, Citroen, Daewoo,  
 Holden, Isuzu, Opel, Peugeot, Vauxhall

 B+ M8, Total length 215.50,  
 Gear type GR, Mount. holes 2 (1)

A: 82.50 B: 19.00 mm



8


**111849** Starter 12 V, 0.8 kW

Replacing: 96569440, 96275481, 10455503

Servicing: Chevrolet, Daewoo, Suzuki

 B+ M8, Total length 184.50,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 2 (2)

A: 75.00 B: 6.50 mm



9,11


**111982** Starter 24 V, 4.0 kW

 Replacing: DRX67149, DRX67095, 8200138,  
 8200004, 19070039, 10479626, 10461470

Servicing: Mercedes-Benz

 B+ M10, Total length 317.50,  
 Gear type GR, Mount. holes 3 (0)

A: 88.75 B: 45.00-49.00 mm



10


**112007** Starter 12 V

Replacing: 1998295, 1109420

Servicing: Caterpillar

 B+ M10, 15a M4, Total length 305.50,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 2 (0)

Replacing: 10MT.

A: 83.00 B: 16.00 mm



10


**112037** Starter 24 V, 4.0 kW

Replacing: 19024260

Servicing: Perkins, Volvo

 B+ M10, Total length 340.70, Gear type DD,  
 Clutch type Dry, Mount. holes 3 (0)

A: 89.00 B: 22.20 mm



11


**112089** Starter 12 V

 Replacing: 323-871, 1993977, 1993856,  
 1993816, 1993813, 1993807, 1993803,  
 1990495, 1990490, 1990483, 1990478

 Servicing: Case, Caterpillar, Cummins, Ford,  
 Freightliner, International, Kenworth, Mack,  
 New Holland, Perkins, Volvo

 B+ M12, B- M12, 15a M5,  
 Total length 500.00, Gear type DD,  
 Clutch type Wet, Mount. holes 3 (0),  
 Insulated return, Oil sealed  
 Replacing: 42MT.

A: 92.00 B: 46.00 mm



12


**112116** Starter 24 V, 6.6 kW

Replacing: 19024085

Servicing: Volvo

 B+ M12, B- M12, Total length 407.00,  
 Gear type DD, Mount. holes 3 (0),  
 Insulated return

A: 92.00 B: 47.00 mm



11


**112118#** Starter 24 V, 6.6 kW

Replacing: 19024055

Servicing: Isotta Fraschini, Iveco

 B+ M12, B- M10, Total length 405.00,  
 Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 48.00 mm



11


**112119** Starter 24 V, 6.6 kW

Replacing: 19024076

Servicing: Scania

 B+ M10, B- M10, Total length 406.00,  
 Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 37.00 mm



9


**112120** Starter 24 V, 6.6 kW

Replacing: 19024072

Servicing: MAN, Mercedes-Benz

 B+ M12, B- M10, Total length 405.00,  
 Gear type DD, Mount. holes 3 (0),  
 Insulated return

A: 92.00 B: 47.50 mm


**112169** Starter 24 V, 4.5 kW

Replacing: 1993954, 1993903, 10479108

Servicing: Case

 B+ 3/8" UNF, Total length 401.00,  
 Gear type DD, Mount. holes 3 (0), Oil  
 sealed

Replacing: 37MT.

A: 89.00 B: 46.00 mm


**112224** Starter 24 V, 6.7 kW

Replacing: 19070036

Servicing: Scania

 B+ M12, Total length 428.00,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 3 (0)

A: 92.00 B: 48.00 mm


**112227#** Starter 24 V, 8.0 kW

Replacing: 19024186

Servicing: Renault V.I.

 B+ M10, 15a M5, Total length 405.00,  
 Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 47.00 mm


**112232** Starter 12 V, 2.4 kW

 Replacing: 1998405, 1998316, 19010615,  
 1109485, 1109369, 1108374, 10455602

 Servicing: Mercruiser, OMC, Thermo King,  
 Volvo Penta

 B+ M10, 15a M5, Total length 320.00,  
 Gear type DD, Mount. holes 2 (0)

Replacing: 10MT.

A: 82.00 B: 46.00 mm


**112233** Starter 12 V

 Replacing: 1998599, 1998460, 1998421,  
 1998404, 1998315, 1998282, 1998280,  
 19010617, 1109484, 1109358, 1109356

Servicing: Caterpillar, International, Mercruiser

 B+ M10, 15a M5, Total length 318.50,  
 Gear type DD, Clutch type Wet,  
 Mount. holes 2 (0)

Replacing: 10MT.

A: 82.45 B: 47.00 mm


**112239** Starter 12 V, 1.4 kW

Replacing: 9000840, 9000839

Servicing: Mercruiser

 B+ M8, 15a M5, Total length 232.00,  
 Gear type GR, Mount. holes 2 (0)

Replacing: PG260F1, -G.

A: 67.90 B: 18.00 mm


**112240** Starter 12 V, 1.7 kW

 Replacing: 9000899, 9000879, 9000860,  
 9000786, 12564108, 10465554, 10465167

 Servicing: Cadillac, Chevrolet, GMC, Isuzu,  
 Oldsmobile

 B+ M8, Total length 245.00, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (0)

Replacing: PG260M.

B: 19.00 mm


**112241** Starter 12 V, 1.5 kW

 Replacing: 9000910, 9000871, 9000858,  
 9000841, 323-1434, 12564107, 10465520

Servicing: Chevrolet, GMC, Isuzu, Oldsmobile

 B+ M8, Total length 245.00, Gear type DD,  
 Clutch type Dry, Mount. holes 2 (0)

Replacing: PG260F2.

A: 61.50 B: -9.50 mm


**112243** Starter 24 V

 Replacing: 1993910, 1993909, 1993902,  
 1993901, 1993732, 1993729, 1993707,  
 1990332, 1990330, 1113541, 1113536

Servicing: Case, Clark

 B+ 1/2" UNC, 15a 1/4" UNC, Gear type DD,  
 Total length 401.50, Clutch type Dry,  
 Mount. holes 3 (0), Oil sealed

Replacing: 37MT.

A: 92.00 B: 48.00 mm


**112251** Starter 12 V, 2.3 kW

Replacing: CER3087, 112161, 00E091

Servicing: Ford, LDV

 B+ M8, Total length 258.00,  
 Gear type GR, Mount. holes 3 (0)

A: 91.90 B: 20.50 mm


**112253** Starter 12 V, 2.5 kW

 Replacing: 10479641, 10479638, 10479625,  
 10479618, 10479615, 10465314, 10465151

Servicing: Ford, Ingersoll Rand

 B+ M10, Total length 342.00, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (0)

Replacing: 28MT.

A: 88.80 B: 45.00 mm


**112254#** Starter 24 V

 Replacing: 1990238, 1990227, 1109969,  
 1109835, 1109793, 1109644, 1109641,  
 1109633, 1109299, 1109294, 10478907

Servicing: Caterpillar

 B+ 1/2" UNC, Total length 568.00,  
 Gear type DD, Mount. holes 3 (0),  
 Insulated return, Oil sealed

Replacing: 50MT.

A: 100.00 B: 97.00 mm


**112255** Starter 12 V

Replacing: 323-842, 1993974, 1993931, 1993874, 1993871, 1993869, 1993819, 1993794, 1993778, 1993763, 1993719

Servicing: Clark, Cummins

 B+ 1/2" UNC, Total length 401.00, Gear type DD, Mount. holes 3 (0), Oil sealed  
 Replacing: 37MT.

A: 92.00 B: 48.00 mm


**112256#** Starter 24 V, 7.0 kW

Replacing: 1993986, 1993741, 1993701, 1990499

Servicing: Case, Lister

 B+ 1/2" UNC, 15a M5, 30h 1/4" UNC, Total length 402.00, Gear type DD, Clutch type Wet, Mount. holes 3 (0), Oil sealed  
 Replacing: 37MT.

A: 89.00 B: 47.45 mm


**112258#** Starter 12 V

Replacing: 1993785, 1990438, 1990377, 1114944, 1114936, 1114934, 1114927, 1114920, 1114904, 1114796, 1114789

Servicing: Chevrolet, Detroit, GMC

 B+ 1/2" UNC, Total length 519.00, Gear type DD, Clutch type Dry, Mount. holes 3 (0), Oil sealed  
 Replacing: 42MT.

A: 92.00 B: 47.50 mm


**112267** Starter 12 V, 2.5 kW

Replacing: 323-824, 323-823, 323-419, 1998522, 1998506, 1998490, 1998457, 1998456, 1998423, 1998408, 1113593

Servicing: Bobcat, Cummins, Ford

B+ M10, Total length 339.00, Gear type GR, Clutch type Dry, Mount. holes 3 (0)

A: 89.00 B: 46.50 mm


**112268** Starter 12 V, 2.8 kW

Replacing: 1998484, 1998468, 1998373, 1998357, 1998350, 1998340, 1113597, 1113290, 1113274, 1107540, 10479607

Servicing: Allis Chalmers, Hyster, Massey Ferguson, New Holland

 B+ M10, Total length 340.00, Clutch type Dry, Gear type GR, Mount. holes 3 (0), Oil sealed  
 Replacing: 28MT.

A: 89.00 B: 46.00 mm


**112269#** Starter 24 V, 4.0 kW

Replacing: 1998351, 10479600, 10461459

Servicing: Lister

 B+ M10, Total length 345.00, Clutch type Wet, Gear type GR, Mount. holes 3 (0), Oil sealed  
 Replacing: 28MT.

A: 88.70 B: 47.00 mm


**112341** Starter 12 V, 2.5 kW

Replacing: 1998442, 1998401, 1113590, 1113589, 1113296, 1113295, 1113270, 1113269, 1113267, 1113266, 1109563

Servicing: Chevrolet, GMC

 B+ M10, Total length 337.50, Gear type GR, Clutch type Dry, Mount. holes 2 (0)  
 Replacing: 27MT, 28MT.

A: 82.50 B: 9.00 mm


**112365** Starter 12 V, 2.2 kW

Replacing: DSR1167L, 110566

Servicing: Nissan

B+ M8, Total length 224.00, Gear type GR, Clutch type Wet, Mount. holes 2 (0)

A: 95.00 B: 10.50 mm


**112507** Starter 24 V, 5.4 kW

Replacing: 19024026

Servicing: Volvo, Volvo Penta

B+ M10, B- M10, Total length 385.00, Gear type DD, Clutch type Dry, Mount. holes 3 (0)

BOSCH OE 0001414022 ER OLJETÄT. HC-CARGO 112507 ER IKKE

A: 89.00 B: 51.00 mm


**112534** Starter 12 V, 2.0 kW

Replacing: 8000286

Servicing: JCB, KHD, Perkins

B+ M8, Total length 239.00, Gear type GR, Mount. holes 2 (0)

A: 74.00 B: 18.00 mm


**112546** Starter 12 V, 0.6 kW

Replacing: 10455516, 10455513

Servicing: Cub Cadet, John Deere, Kohler

B+ M8, Total length 205.60, Gear type DD, Clutch type Wet, Mount. holes 2 (0)

A: 63.00 B: 16.90 mm


**112581** Starter 24 V, 6.2 kW

Replacing: 19070032

Servicing: DAF

B+ M12, Total length 380.00, Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 48.00 mm



**112652** Starter 24 V, 4.5 kW  
 Replacing: 10479605, 10461461  
 Servicing: Detroit  
 B+ M10, Total length 338.50,  
 Gear type GR, Clutch type Wet,  
 Mount. holes 3 (0), Oil sealed  
 Replacing: 28MT.  
 A: 89.00 B: 46.00 mm



**112653#** Starter 12 V, 2.5 kW  
 Replacing: 10479604, 10461460  
 Servicing: Clark, Various Industrial applications  
 B+ M10, Total length 339.20,  
 Gear type GR, Clutch type Wet,  
 Mount. holes 3 (0), Oil sealed  
 Replacing: 28MT.  
 A: 89.00 B: 46.00 mm



**112660** Starter 12 V, 2.8 kW  
 Replacing: 1107867, 1107862  
 Servicing: Case  
 B+ M10, Total length 333.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 88.80 B: 48.00 mm



**112667#** Starter 12 V, 2.5 kW  
 Replacing: 323-1188, 10479614, 10465402  
 Servicing: Ford  
 B+ M10, Total length 339.00, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (0)  
 Replacing: 28MT.  
 A: 89.00 B: 46.00 mm



**112668** Starter 12 V, 2.5 kW  
 Replacing: 1113284, 1113248, 10461483  
 Servicing: Hough, Komatsu  
 B+ M10, 15a M5, Total length 338.00,  
 Gear type GR, Clutch type Wet,  
 Mount. holes 3 (0)  
 Replacing: 28MT.  
 A: 89.00 B: 46.00 mm



**112897** Starter 12 V, 1.7 kW  
 Replacing: 9000798, 9000796, 9000773, 323-488, 323-480, 1998591, 1998577, 1998564, 1998557, 1998516, 1998435  
 Servicing: American Motors, Buick, Cadillac, Chevrolet, Jeep, Mercruiser, Pontiac  
 B+ M8, Total length 236.00, Clutch type Wet,  
 Gear type DD, Mount. holes 2 (0), Waterproof  
 Replacing: PG250, -260.  
 A: 68.50 B: 8.70 mm



**112898** Starter 12 V, 1.6 kW  
 Replacing: 9000882, 9000878, 9000863, 9000806, 9000797, 9000776, 323-531, 323-501, 323-457, 323-1449, 12567398  
 Servicing: Buick, Chevrolet, GMC, Oldsmobile, Pontiac  
 B+ M8, Total length 263.40, Gear type GR,  
 Clutch type Wet, Mount. holes 2 (0)  
 Replacing: PG250, -260.  
 B: 19.50 mm



**112899** Starter 12 V, 1.4 kW  
 Replacing: 9000856, 12564089  
 Servicing: Chevrolet, Pontiac, Saturn  
 B+ M8, Total length 212.40, Gear type DD,  
 Clutch type Wet, Mount. holes 2 (0)  
 Replacing: PG260D.  
 A: 75.00 B: 31.00 mm



**112900** Starter 12 V, 1.4 kW  
 Replacing: 9000859, 9000847, 9000833, 323-1396, 323-1062, 10465542, 10465459, 10465384  
 Servicing: Buick, Chevrolet, GMC, Isuzu, Oldsmobile, Pontiac  
 B+ M8, Total length 218.00, Gear type DD,  
 Clutch type Wet, Mount. holes 2 (0)  
 Replacing: PG260F1.  
 A: 68.20 B: 10.00 mm



**112902** Starter 12 V, 1.2 kW  
 Replacing: 9000939, 9000925, 9000873, 9000854, 9000842, 9000837, 336-2002, 323-1483, 323-1400, 12573853  
 Servicing: Buick, Cadillac, Chevrolet, GMC  
 B+ M8, Total length 214.40, Gear type DD,  
 Clutch type Wet, Mount. holes 2 (0)  
 Replacing: PG260F2.  
 A: 67.00 B: 10.20 mm



**112904** Starter 12 V, 1.7 kW  
 Replacing: 9000876, 9000862, 9000805, 9000775, 323-489, 323-1432, 12563919, 10465523, 10465294  
 Servicing: Cadillac, Oldsmobile  
 B+ M8, Total length 242.50,  
 Gear type GR, Mount. holes 2 (0)  
 Replacing: PG260L, -260M.  
 A: 82.50 B: 32.00 mm



**112905** Starter 12 V, 1.6 kW  
 Replacing: 9000926, 9000875, 323-1476, 323-1446, 12563863, 10465527  
 Servicing: Buick, Chevrolet, GMC, Oldsmobile  
 B+ M8, 15a M5, Total length 232.00,  
 Gear type DD, Clutch type Wet,  
 Mount. holes 2 (0)  
 Replacing: PG260L.  
 A: 82.30 B: 29.60 mm


**112906** Starter 12 V, 1.7 kW

Replacing: 9000866, 9000853, 9000834, 89000853, 323-1063, 12563907, 10465385  
 Servicing: Cadillac, Chevrolet, GMC, Pontiac  
 B+ M8, 15a M5, Total length 246.15,  
 Gear type GR, Clutch type Wet,  
 Mount. holes 2 (0)  
 Replacing: PG260M.

A: 67.70 B: 19.00 mm


**112907#** Starter 12 V, 1.7 kW

Replacing: 9000874, 9000804, 323-1430, 323-1145, 12563916, 10465386  
 Servicing: Chevrolet, Oldsmobile, Pontiac  
 B+ M8, Total length 236.00, Gear type GR,  
 Clutch type Wet, Mount. holes 2 (0)  
 Replacing: PG260M.

A: 82.40 B: 16.50 mm


**112910** Starter 12 V

Replacing: 323-287, 1998548, 1998527, 1998466  
 Servicing: Chevrolet, Pontiac  
 B+ M10, 15a M5, Total length 274.00,  
 Gear type DD, Clutch type Wet,  
 Mount. holes 2 (0)  
 Replacing: 5MT.

A: 69.80 B: 16.00 mm


**112911** Starter 12 V, 1.6 kW

Replacing: 323-533, 323-529, 323-503, 323-474, 323-472, 323-429, 323-428, 323-350, 24507410, 1998533, 1998523  
 Servicing: Buick, Cadillac, Chevrolet, GMC, Isuzu, Oldsmobile, Pontiac  
 B+ M8, Total length 270.00, Gear type GR,  
 Clutch type Wet, Mount. holes 2 (0)  
 B: 21.00 mm


**112912** Starter 12 V, 1.6 kW

Replacing: 323-1065, 323-1064, 12558851, 10465389, 10455065  
 Servicing: Cadillac, Chevrolet, GMC  
 B+ M8, Total length 268.80,  
 Gear type DD, Clutch type Wet,  
 Mount. holes 2 (0)

A: 65.50 B: 9.00 mm


**113007#** Starter 24 V, 4.0 kW

Replacing: 1998519, 1113272, 10461444  
 Servicing: John Deere  
 B+ M10, Total length 338.50, Gear type GR,  
 Clutch type Wet, Mount. holes 2 (0)

A: 82.50 B: 33.00 mm


**113103#** Starter 12 V, 1.4 kW

Replacing: 323-417, 1998578, 10465024, 10455702  
 Servicing: Chevrolet  
 B+ M8, Total length 210.00,  
 Gear type GR, Mount. holes 2 (0)

A: 38.00 B: 7.00 mm


**113125** Starter 12 V

Replacing: 323-840, 1993854, 1993767, 1990347, 10461011, 10461006  
 Servicing: Ford, New Holland  
 B+ 1/2" UNC, Total length 401.50,  
 Gear type DD, Clutch type Wet,  
 Mount. holes 3 (0), Oil sealed  
 Replacing: 37MT, 41MT.

A: 92.00 B: 48.25 mm


**113126** Starter 12 V

Replacing: 323-879, 1993963, 10478806, 10461081  
 Servicing: Caterpillar, Chevrolet, Ford, GMC, Kenworth  
 B+ 1/2" UNC, Total length 434.00,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 3 (0), Oil sealed  
 Replacing: 37MT, 41MT.

A: 88.90 B: 46.50 mm


**113131#** Starter 12 V, 3.0 kW

Replacing: 94052175, 94039465  
 Servicing: Isuzu  
 B+ M10, Total length 319.50,  
 Gear type GR, Mount. holes 3 (0)

A: 105.00 B: 40.50 mm


**113153** Starter 12 V

Replacing: 323-864, 1993836, 1993776, 1990484, 1990428, 1990426, 1990421, 1990393, 1990391, 1990355, 10479082  
 Servicing: Freightliner  
 B+ 1/2" UNC, Gear type DD,  
 Mount. holes 3 (0)  
 Replacing: 42MT.

A: 91.85 B: 45.25 mm


**113172** Starter 12 V, 2.0 kW

Replacing: 1109423, 1109418, 1108493, 1108443, 1107335  
 Servicing: Caterpillar, Hyster, Yale  
 B+ M8, Total length 249.00, Clutch type Wet,  
 Gear type GR, Mount. holes 2 (0), Oil sealed  
 Replacing: 10MT.

A: 88.70 B: 46.00 mm


**113384** Starter 32 V

Replacing: 1990333, 1990246, 1990226, 1109769, 1109627, 1109625, 1109282, 1109281, 1109276, 10478828

Servicing: Caterpillar

B+ 1/2" UNC, 15a 10-32 UNF, Total length 518.75, Gear type DD, Mount. holes 3 (0), Insulated return  
Replacing: 50MT.

A: 92.00 B: 46.50 mm


**113429** Starter 12 V, 4.2 kW

Replacing: 10465537, 10461645

Servicing: Case, Cummins

B+ M10, Total length 326.00, Gear type GR, Mount. holes 3 (0)

A: 91.90 B: 47.50 mm


**113435** Starter 24 V, 4.5 kW

Replacing: 323-408, 1113591, 10479611, 10465015, 10461453

Servicing: Hummer, Various

B+ M10, Total length 336.50, Gear type GR, Clutch type Dry, Mount. holes 2 (0)  
Replacing: 28MT.

A: 82.00 B: 7.50 mm


**113452** Starter 12 V, 2.5 kW

Replacing: 10479617, 10461466

Servicing: Agco White

B+ M10, 15a M5, Total length 338.50, Gear type GR, Clutch type Wet, Mount. holes 3 (0), Oil sealed  
Replacing: 28MT.

A: 88.80 B: 45.00 mm


**113466** Starter 24 V, 4.0 kW

Replacing: 19024280

Servicing: Renault V.I.

B+ M10, Total length 316.00, Gear type DD/GR, Clutch type Dry, Mount. holes 3 (0)

A: 88.90 B: 22.00 mm


**113468** Starter 24 V, 4.0 kW

Replacing: 19024286

Servicing: MAN

B+ M10, Total length 340.00, Gear type DD, Clutch type Dry, Mount. holes 3 (0)

A: 89.00 B: 27.00 mm


**113550** Starter 12 V

Replacing: 8300019, 8200040, 8200033, 19011530, 19011521, 19011518, 19011516, 19011506, 10461777, 10461753

Servicing: Mack

B+ M12, Total length 402.80, Gear type GR, Mount. holes 3 (0), Insulated return  
Replacing: 39MT.

A: 92.00 B: 46.00 mm


**113608** Starter 24 V, 6.2 kW

Replacing: 19070033

Servicing: Evobus, Kössbohrer, Mercedes-Benz

B+ M12, 15a M6, Total length 380.50, Gear type DD/GR, Clutch type Wet, Mount. holes 3 (0)

A: 92.00 B: 46.25 mm


**113659** Starter 12 V, 0.9 kW

Replacing: 8000174, 113136

Servicing: Hyundai, Kia

B+ M8, Total length 186.00, Gear type DD, Mount. holes 2 (2)

A: 77.00 B: 18.00 mm


**113679** Starter 12 V, 1.6 kW

Replacing: 9000885

Servicing: Clark

B+ M8, 15a M5, Total length 243.00, Gear type GR, Mount. holes 2 (0)

Replacing: PG260L.

B: 18.00 mm


**113695** Starter 24 V, 6.0 kW

Replacing: 1993918, 1993831, 10478960, 10478811, 10461405, 10461402

Servicing: Caterpillar

B+ M12, Total length 433.50, Gear type DD, Mount. holes 3 (0), Oil sealed

Replacing: 37MT.

A: 89.00 B: 47.00 mm


**113725** Starter 12 V, 2.5 kW

Replacing: 10465540

Servicing: Case

B+ M10, Total length 300.00, Gear type DD, Mount. holes 2 (0)

A: 88.60 B: 49.00 mm



**113827** Starter 24 V, 7.6 kW  
 Replacing: 8300025, 8200072, 8200000, 19026030, 19026026, 19023060  
 Servicing: Cummins, Various Industrial applications  
 B+ M12, B- M12, 15a M5, 30h M12, Total length 406.00, Gear type GR, Mount. holes 3 (0)  
 A: 91.70 B: 46.95 mm



**113850** Starter 24 V, 5.4 kW  
 Replacing: 19024101  
 Servicing: Volvo BM  
 B+ M10, B- M10, Total length 387.00, Gear type DD, Clutch type Dry, Mount. holes 3 (0), Not Insulated return, Oil sealed  
 A: 89.00 B: 48.00 mm



**113851** Starter 24 V, 7.5 kW  
 Replacing: 8200519, 19024196, 19011501  
 Servicing: Mercedes-Benz  
 B+ M12, Total length 348.50, Clutch type Dry, Gear type DD/GR, Mount. holes 3 (0)  
 Replacing: 39MT.  
 A: 92.00 B: 47.70 mm



**113860** Starter 12 V, 0.8 kW  
 Replacing: 96289430  
 Servicing: Chevrolet, Daewoo  
 B+ M8, Total length 185.00, Gear type DD, Clutch type Dry, Mount. holes 2 (1)  
 A: 75.00 B: 6.50 mm



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**114003\*** Starter 12 V, 6.2 kW  
 Replacing: 19011504  
 Servicing: Mercedes-Benz  
 Gear type GR, Mount. holes 3 (0)



**114013** Starter 24 V  
 Replacing: 8200086, 8200029, 19011524, 19011511, 10461759, 10461758  
 Servicing: Cummins  
 B+ M12, Total length 419.00, Gear type GR, Mount. holes 3 (0)  
 Replacing: 39MT.  
 A: 92.00 B: 48.00 mm



**114298** Starter 12 V, 1.1 kW  
 Replacing: 8000387, 8000048  
 Servicing: Alfa Romeo, Chevrolet, Fiat, Opel, Saab, Vauxhall  
 B+ M8, Total length 199.00, Gear type GR, Mount. holes 2 (0)  
 A: 68.00 B: 17.50 mm



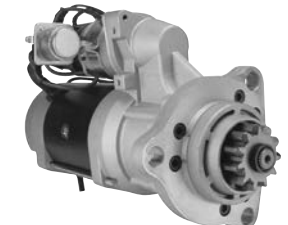
**114325** Starter 12 V, 4.6 kW  
 Replacing: 8300024, 8200077, 8200023, 1993879, 1993756, 19026031, 10479107  
 Servicing: Cummins  
 B+ M12, Total length 405.00, Gear type GR, Mount. holes 3 (0)  
 A: 89.00 B: 47.00 mm



**114326** Starter 24 V, 7.5 kW  
 Replacing: 8300023, 8200078, 8200024, 19026032  
 Servicing: Cummins  
 B+ M12, Total length 405.00, Gear type GR, Clutch type Dry, Mount. holes 3 (3)  
 A: 88.80 B: 47.00 mm



**114330** Starter 24 V, 8.3 kW  
 Replacing: 8300018, 8300016, 8200330, 8200041, 8200039, 8200034, 8200032, 8200022, 19011523, 19011522  
 Servicing: Cummins  
 Total length 358.10, Gear type GR, Clutch type Dry, Mount. holes 3 (0)  
 A: 92.00 B: 47.00 mm



**114331** Starter 24 V, 8.3 kW  
 Replacing: 8200321  
 Servicing: Caterpillar, Cummins  
 B+ M12, Total length 358,50, Mount. holes 3 (3)  
 A: 92.00 B: 47.00 mm



**114341** Starter 12 V, 1.2 kW  
 Replacing: 9000967, 9000934, 9000902, 8000180, 12567585  
 Servicing: Opel, Saab, Vauxhall  
 B+ M8, Total length 214.00, Gear type GR  
 A: 75.00 B: 30.00 mm

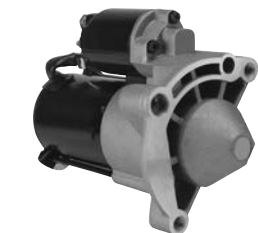




**114397** Starter 24 V, 4.0 kW  
 Replacing: 19024294  
 Servicing: Cummins  
 B+ M10, Total length 340.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 48.20 mm



**114416** Starter 24 V, 7.5 kW  
 Replacing: 1993828, 1993788, 10479142,  
 10479130, 10479067, 10461362, 10461141,  
 10461080  
 Servicing: Mack  
 B+ M12, Total length 496.00,  
 Mount. holes 3 (0)  
 A: 92.00 B: 47.50 mm



**114460** Starter 12 V, 1.4 kW  
 Replacing: 8000006  
 Servicing: Citroen, Fiat, Hyundai, Lancia,  
 Mitsubishi, Peugeot  
 B+ M8, Total length 216.00,  
 Gear type GR, Mount. holes 3 (3)  
 B: -4.00 mm



**114503** Starter 12 V, 1.5 kW  
 Replacing: 96647521  
 Servicing: Chevrolet  
 B+ M8x1.25, Total length 207.00,  
 Gear type GR, Mount. holes 2 (0)  
 SW terminal with cable.  
 A: 82.50 B: 18.00 mm



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**114710** Starter 24 V, 4.0 kW  
 Replacing: 10479647  
 Servicing: Cummins  
 B+ M10, 15a M5, Total length 340.00,  
 Mount. holes 3 (0), Not Insulated return  
 A: 89.00 B: 46.00 mm



**114885** Starter 12 V, 0.9 kW  
 Replacing: 112847  
 Servicing: Kia  
 B+ M8, Total length 184.00,  
 Gear type DD, Mount. holes 3 (2), Not  
 Insulated return  
 A: 74.0 B: 12.50 mm



**114888** Starter 12 V  
 Replacing: RS41058  
 Servicing: John Deere, Kawasaki  
 B+ 1/4" UNC, Total length 182.00,  
 Gear type DD, Mount. holes 2 (0)  
 B: 19.50 mm





**110367** Starter 12 V, 1.0 kW

Replacing: DM92140, DM2146, DM2140

Servicing: Dacia, DAF, Renault, Volvo

B+ M8, Total length 200.00,

Gear type DD, Mount. holes 3 (0)

A: 66.00 B: 10.50 mm



**110529** Starter 12 V, 3.0 kW

Replacing: DM2138

Servicing: Agrifull, Benfra, Fiat, Fiat-Allis, Iveco

B+ M10, Total length 340.50,

Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 30.00 mm



**110640** Starter 12 V, 3.0 kW

Replacing: DM2134, DM2130, DM2120, 2130

Servicing: Allis Chalmers, Fiat, Fiat-Allis, Long

B+ M10, Total length 310.00,

Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 26.00 mm



**110866** Starter 12 V, 0.9 kW

Replacing: DM2140

Servicing: Renault

B+ M8, Total length 197.65,

Gear type DD, Clutch type Dry, Mount. holes 3 (2)

A: 66.00 B: 10.50 mm


**110616** Starter 24 V, 4.5 kW

Replacing: 0350-502-0131, 0350-502-0130

Servicing: Nissan

B+ M8, Total length 292.00,

Gear type GR, Mount. holes 3 (0)

A: 105.00 B: 33.80 mm


**113130** Starter 24 V, 4.5 kW

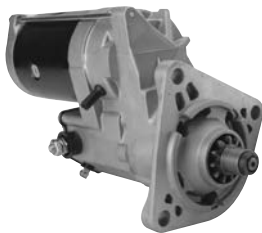
 Replacing: 0350-552-0328, 0350-552-0326,  
0350-552-0325, 0350-552-0324, 0350-552-  
0323, 0350-552-0322

Servicing: Hino

B+ M10, Total length 296.00,

Gear type GR, Mount. holes 2 (1)

A: 105.00 B: 32.00 mm


**114017** Starter 24 V, 5.5 kW

 Replacing: 0350-552-0338, 0350-552-0330,  
0350-552-0311

Servicing: Hino

B+ M10, Total length 326.00,

Gear type GR, Mount. holes 3 (0)

A: 100.00 B: 25.00 mm


**114337** Starter 12 V, 4.5 kW

 Replacing: 0350-552-0061, 0350-552-0014,  
0330-402-0320, 0330-402-0311, 0330-402-  
0310, 0330-402-0012

Servicing: Hino

B+ M10, Total length 296.60

A: 100.00 B: 64.00 mm


**114344** Starter 24 V, 6.0 kW

Replacing: 0350-602-0118

Servicing: Hino

B+ M10, Total length 324.45

A: 121.00 B: 58.00 mm


**114345** Starter 24 V, 6.0 kW

 Replacing: 0350-702-0339, 0350-702-0294,  
0350-702-0226, 0350-702-0180, 0350-702-  
0025, 0350-702-0024

Servicing: Hino

B+ M10, Total length 325.00,

Mount. holes 3 (0)

A: 122.00 B: 43.00 mm


**114421** Starter 24 V, 6.0 kW

Replacing: 0350-602-0261

Servicing: Hino

B+ M10, Total length 324.50,

Mount. holes 3 (0)

A: 105.00 B: 38.50 mm


**114436** Starter 24 V, 5.0 kW

 Replacing: 0355-502-0041, 0355-502-0040,  
0355-502-0019

Servicing: Hino

B+ M8, Total length 287.90,

Mount. holes 2 (0)

A: 105.00 B: 29.50 mm


**110637** Starter 12 V, 0.4 kW

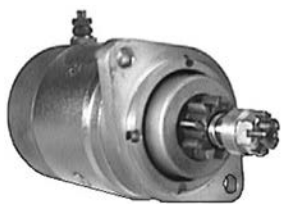
Replacing: M0101, 3M0101

Servicing: Lombardini

B+ M6, Total length 182.00,

Gear type DD, Mount. holes 2 (0)

A: 62.00 B: 27.50 mm


**111645** Starter 12 V, 0.4 kW

Replacing: M0101/10, 3M0110/10

Servicing: Alfa Romeo, Fiat, Lancia, Lombardini, Same

B+ M6, Total length 182.00,

Gear type DD, Mount. holes 2 (0)

A: 62.00 B: 27.50 mm


**111646** Starter 12 V, 0.2 kW

Replacing: PN001/3, 3PN0001/3

Servicing: Lombardini, Various Agriculture Vehicles, Various Industrial applications

B+ M6, Total length 181.00,

Gear type DD, Mount. holes 2 (0)

B: 13.50 mm


**112161** Starter 12 V, 0.35 kW

Replacing: ES200S, 3ES0200S

Servicing: Selva

B+ M5, Total length 182.00,

Gear type DD, Mount. holes 2 (0)

A: 62.00 B: 28.50 mm


**112250** Starter 12 V, 0.6 kW

Replacing: M0101PSE, 3M0101PSE

Servicing: Various Industrial applications

B+ M6, Total length 182.00,

Gear type DD, Clutch type Dry,

Mount. holes 2 (0)

A: 62.00 B: 27.50 mm


**112339** Starter 12 V, 0.3 kW

Replacing: PN0001, 3PN0001

Servicing: Various Industrial applications

B+ M6, Total length 180.00,

Gear type DD, Mount. holes 2 (0)

B: 18.00 mm


**113737** Starter 12 V, 0.2 kW

Replacing: PN0001A

Servicing: Lombardini

B+ M6, Total length 180.50,

Gear type DD, Clutch type Dry,

Mount. holes 2 (0)

A: 68.25 B: 14.00 mm


**114252** Starter 12 V, 0.3 kW

Replacing: 3PN0001H

Servicing: Eurofrigo

B+ M6, Total length 180.50,

Gear type DD, Mount. holes 2 (0)


**112312** Starter 12 V, 0.48 kW

Replacing: 36680, 36463, 35763A, 35763, 33606, 33605, 33306

Servicing: Tecumseh

 B+ 1/4" UNF, Total length 166.50,  
 Gear type DD, Mount. holes 4 (0)

B: 34.50 mm


**112313** Starter 12 V, 0.5 kW

Replacing: 33835

Servicing: Massey Ferguson, Tecumseh

 B+ M6, Total length 190.00,  
 Gear type DD, Mount. holes 3 (0)

B: 29.00 mm


**112564** Starter 12 V

Replacing: 35765A, 35765, 32468B, 32468A, 32468

Servicing: John Deere, Tecumseh

 B+ M6, Total length 166.50,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 4 (0)

A: 59.00 B: 33.00 mm


**112565** Starter 12 V, 0.5 kW

Replacing: 36795, 36264

Servicing: Tecumseh

 B+ M6, Total length 172.00,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 2 (0)

A: 43.50 B: 30.00 mm


**112566** Starter 12 V, 0.5 kW

Replacing: 37425, 36914

Servicing: Tecumseh

 B+ 1/4" UNC, Total length 186.00,  
 Gear type DD, Mount. holes 2 (0)

B: 41.00 mm

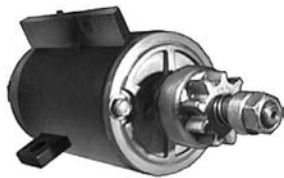

**112570#** Starter 120 V

Replacing: 37000, 35096, 33519B, 33519A, 33519, 33329E, 33329D, 33329C, 33329B, 33329A, 33329, 32423

Servicing: Tecumseh, Various Industrial applications

 B+ Plug, 30h Plug, Total length 175.00,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 4 (0)

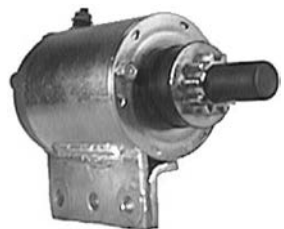
A: 46.00 B: 25.00 mm



**110240** Starter 12 V, 0.6 kW  
 Replacing: SMH12B41, SM17996, SM10629, SMO2610, 5704840-MO30SM, 5704820MO30SM, 1799640MO30SM, 1799640-MO30SM  
 Servicing: Johnson  
 B+ M8, Total length 209.00,  
 Gear type DD, Mount. holes 1 (0)  
 A: 63.40 B: 44.00 mm



**110241** Starter 12 V, 0.8 kW  
 Replacing: SMH12B31, SM09961, MO551017A, MO551014A, MO551017, MO551014A, MO55017A, MO55014A, 0996140MO30SM  
 Servicing: Mercury  
 B+ 1/4" UNC, Total length 210.00,  
 Gear type DD, Mount. holes 2 (2)  
 A: 54.00 B: 0.50 mm



**110510** Starter 12 V, 0.5 kW  
 Replacing: SMH12A4, SMH12A202, SMH12A201, SMH12A2, SMH12A102, SME12A8, SME12A11, SM56661, SM50497, SM16353  
 Servicing: John Deere  
 B+ M6, Total length 182.55,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 3 (0)  
 B: 39.00 mm



**110634** Starter 12 V, 0.65 kW  
 Replacing: SMO1965, SM01965  
 Servicing: Briggs & Stratton  
 B+ 1/4" UNC, Total length 170.00,  
 Gear type DD, Mount. holes 3 (0)



**110636** Starter 12 V, 0.6 kW  
 Replacing: SM44120, 5273440MO30SM, 4412040MO30SM, 4412040  
 Servicing: Chrysler  
 B+ 1/4" UNC, Total length 262.00,  
 Gear type DD, Mount. holes 2 (2)  
 A: 63.30 B: 64.00 mm



**110644** Starter 12 V, 0.6 kW  
 Replacing: SMO2469, SMH12C41, SMH1201399, SM59535, SM57047, SM20703, SM20702, SM17917, SM17916, SMO2466  
 Servicing: Johnson  
 B+ 1/4" UNC, Total length 228.00,  
 Gear type DD, Mount. holes 2 (0)  
 A: 63.00 B: 44.00 mm



**110645** Starter 12 V, 0.9 kW  
 Replacing: SM47862, SM08142, 4786240MO30SM, 4786240-MO30SM, 0814240MO30SM  
 Servicing: Johnson  
 B+ 1/4" UNC, Total length 253.00,  
 Gear type DD, Mount. holes 1 (0)  
 A: 63.50 B: 43.50 mm



**110647** Starter 12 V, 0.6 kW  
 Replacing: SMH12B43, SMH12B42, SM57053, SM11279, SM1122940, SM11229, SM08041, 5705340MO30SM, 5705340-MO30SM  
 Servicing: Evinrude, Johnson  
 B+ M6, Total length 208.00, Gear type DD,  
 Clutch type Dry, Mount. holes 3 (0)  
 A: 63.30 B: 44.70 mm



**110648** Starter 12 V, 0.7 kW  
 Replacing: SMH12C31, SM48865, SM48201, SM09964, SM09962, SM01446, 4886540MO30SM, 4820140-MO30SM, 4820123MO30SM  
 Servicing: Mariner, Mercury  
 B+ 1/4" UNC, Total length 263.00,  
 Gear type DD, Mount. holes 1 (0)  
 A: 54.80 B: 48.00 mm



**110649** Starter 12 V, 0.8 kW  
 Replacing: SM48369, SM11478, SM10652, 4836940MO30SM, 4836940-MO30SM, 1147840MO30SM, 1147840-MO30SM  
 Servicing: Mercury  
 B+ M6, Total length 290.00,  
 Gear type DD, Mount. holes 1 (0)  
 A: 54.80 B: 45.30 mm



**110650** Starter 12 V, 0.8 kW  
 Replacing: SM48204, SM14916, 4820524MO30SM, 4820440MO30SM, 4820440-MO30SM, 1718328MO30SM, 1718328-MO30SM  
 Servicing: Lancia, Mercury  
 B+ M6, Total length 291.00,  
 Gear type DD, Mount. holes 1 (0)  
 A: 55.00 B: 47.30 mm



**110654** Starter 12 V, 0.7 kW  
 Replacing: SM48203, SM48202, SM47764, SM10970, SM10790, 4820340MO30SM, 4820340-MO30SM, 4820250-MO30SM  
 Servicing: Mercury  
 B+ 1/4" UNC, Total length 240.00,  
 Gear type DD, Mount. holes 1 (0)  
 A: 54.50 B: 47.50 mm


**110949** Starter 12 V, 0.6 kW

Replacing: SM56662, SM18190, SM17705, 5666240MO30SM, 5666240-MO30SM, 5666220MO30SM, 5213140MO30SM

Servicing: Bobcat, Kohler, Various Agriculture Vehicles

B+ M6, Total length 215.25, Gear type DD  
A: 63.40 B: 45.80 mm


**110999** Starter 24 V

Replacing: 9G4338

Servicing: Case, Caterpillar, Fiat-Allis, Peterbilt Trucks, Various, Volvo

B+ M12, 15a M5, Total length 499.50, Gear type DD, Mount. holes 3 (0), Insulated return, Oil sealed  
Replacing: 42MT.

A: 92.00 B: 46.50 mm


**111012** Starter 12 V, 0.5 kW

Replacing: SM56666, SM47330, 5666640MO30SM, 5666640-MO30SM, 5666620MO30SM, 4733040MO30SM, 4733040-MO30SM

Servicing: Kohler, Massey Ferguson

B+ M8, Total length 201.00, Gear type DD  
B: 39.00 mm


**111043** Starter 12 V, 0.6 kW

Replacing: SM02556, 5705140-MO30SM, 5705120MO30SM, 0255640-MO30SM, 0255625-MO30SM

Servicing: Evinrude, Johnson

B+ M6, Total length 200.50, Gear type DD  
A: 63.30 B: 43.50 mm


**111700** Starter 12 V

Replacing: SMH12A5, SMH12A3, SM56657, SM05995, 5665740MO30SM, 5665740-MO30SM, 5665720MO30SM, 0599540MO30SM

Servicing: Kohler

B+ M6, Total length 183.00, Gear type DD, Mount. holes 2 (0)


**111701** Starter 12 V, 0.8 kW

Replacing: SMH12C1, SM56659, SM15745, 5666740MO30SM, 5666740, 5665940MO30SM, 5665940-MO30SM, 5665940

Servicing: Various Agriculture Vehicles, Various Industrial applications

B+ M8, Total length 251.25, Gear type DD, Mount. holes 4 (3)  
A: 69.60 B: 56.30 mm


**112145** Starter 12 V, 0.5 kW

Replacing: SM56714, SM47690, 5769040-MO30SM, 5671440MO30SM, 5671440-MO30SM, 4769040MO30SM, 4769040-MO30SM

Servicing: Johnson, OMC

B+ 1/4" UNF, Total length 267.20, Gear type GR, Mount. holes 2 (0)


**112146** Starter 12 V, 0.6 kW

Replacing: SM56676, 5667640MO30SM, 5667640-MO30SM

Servicing: Mercury

B+ M6, Total length 265.50, Gear type DD, Clutch type Dry  
A: 77.00 B: 62.00 mm


**112150** Starter 12 V

Replacing: SM56670, SM52784, SM52397, 6734620MO30SM, 5667040MO30SM, 5667040-MO30SM, 5278440MO30SM

Servicing: Cub Cadet, Kohler

B+ 1/4" UNC, Total length 202.00, Gear type DD, Mount. holes 2 (0)  
B: 17.00 mm


**112156** Starter 12 V

Replacing: 5704940MO30SM, 5704940-MO30SM, 5071240MO30SM

Servicing: Evinrude, Johnson

B+ 1/4" UNF, Total length 200.90, Gear type DD


**112157** Starter 12 V

Replacing: 6858540-MO30SM, 6858540MO30SM, 6858540, 5249840MO30SM, 5249840-MO30SM

Servicing: Johnson, OMC

B+ 1/4" UNC, Total length 187.00, Gear type DD, Mount. holes 2 (2)  
A: 36.50 mm


**112244** Starter 12 V

Replacing: SM56669, 6560040, 6560020MO30SM, 5666940MO30SM, 5666940-MO30SM, 5278340MO30SM, 5278340-MO30SM

Servicing: Johnson

B+ M6, Total length 188.50, Gear type DD, Clutch type Dry, Mount. holes 2 (2)  
B: 17.50 mm



**112247** Starter 12 V  
 Replacing: SM52160, SM20521, 5216040MO25SM, 5216040-MO30SM, 5216040-MO25SM, 5216020MO25SM  
 Servicing: Mercury  
 B+ M5, Total length 186.00, Gear type DD, Clutch type Dry, Mount. holes 2 (2)  
 B: 71.00 mm



**112546** Starter 12 V, 0.6 kW  
 Replacing: 5174740  
 Servicing: Cub Cadet, John Deere, Kohler  
 B+ M8, Total length 205.60, Gear type DD, Clutch type Wet, Mount. holes 2 (0)  
 A: 63.00 B: 16.90 mm



**112567** Starter 12 V  
 Replacing: SMH12B81, SM47548, SM10795, 4754840MO30SM, 1079540MO30SM  
 Servicing: Onan  
 B+ 1/4" UNC, Total length 210.00, Gear type DD, Mount. holes 2 (0)



**112568** Starter 12 V  
 Replacing: SM56663, SM18191, 5666340MO30SM, 5666340-MO30SM, 5666320MO30SM, 1819140MO30SM, 1819140-MO30SM  
 Servicing: John Deere, Kohler  
 B+ 1/4" UNC, Total length 230.00, Gear type DD  
 B: 46.00 mm



**112826** Starter 12 V  
 Replacing: SM56756, 5675640MO30SM, 5675640-MO30SM, 5675620MO30SM  
 Servicing: Mercury  
 B+ M6, Total length 231.00, Gear type DD, Clutch type Dry, Mount. holes 2 (2)  
 B: 33.00 mm



**112827** Starter 12 V  
 Replacing: SM56769, 5676940MO30SM, 5676940-MO30SM  
 Servicing: Force, Various Industrial applications  
 B+ M6, Total length 248.00, Gear type DD, Clutch type Dry, Mount. holes 2 (0)  
 B: 32.00 mm



**112829** Starter 12 V  
 Replacing: SM67675, 6767540MO30SM, 6767540-MO30SM  
 Servicing: Mercury  
 B+ 1/4" UNC, Total length 212.80, Gear type DD, Clutch type Dry, Mount. holes 2 (0)  
 B: 33.60 mm



**112830** Starter 12 V  
 Replacing: 6743040MO30SM, 6743040-MO30SM, 6743040  
 Servicing: Mariner, Mercury  
 B+ M6, Total length 231.00, Gear type DD, Clutch type Dry, Mount. holes 2 (0)  
 B: 46.00 mm



**112831** Starter 12 V, 0.6 kW  
 Replacing: SM56664, SM52132, SM21349, 56666420MO30SM, 5666440MO30SM, 5666440-MO30SM, 5666420MO30SM  
 Servicing: Cub Cadet, Kohler  
 B+ M6, Total length 246.50, Gear type DD, Clutch type Dry, Mount. holes 2 (0)  
 A: 63.50 B: 41.40 mm



**112832** Starter 12 V, 0.6 kW  
 Replacing: SM60917, SM60194, SM60138, 6019440MO30SM, 6013840MO30SM, 6013840-MO30SM, 10666620MO30MM  
 Servicing: Onan  
 B+ M6, Total length 233.50, Gear type DD, Clutch type Dry, Mount. holes 2 (0)  
 A: 70.00 B: 37.00 mm



**113015** Starter 12 V  
 Replacing: SM43790, SM43672, 4379040MO30SM, 4379040-MO30SM, 4367240MO30SM, 4367240-MO30SM  
 Servicing: Cub Cadet, John Deere, New Holland, Onan, Toro  
 B+ M6, Total length 228.75, Gear type DD, Clutch type Dry, Mount. holes 2 (0)  
 B: 27.40 mm



**113017** Starter 12 V  
 Replacing: 6727040MO30SM, 5667140MO30SM, 5667140-MO30SM  
 Servicing: John Deere  
 B+ M6, Total length 181.00, Gear type DD, Clutch type Dry, Mount. holes 2 (0)  
 B: 30.00 mm


**113476** Starter 12 V

Replacing: SM60209, 6088420M030SM, 6020940-M020SM

Servicing: Onan

 B+ M8, Total length 176.00,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 2 (0)

A: 70.00 B: 25.50 mm


**113591** Starter 12 V

Replacing: SM67432, 6743240-M030SM

 Servicing: Mariner, Mercury, Various  
 Industrial applications

 B+ 1/4" UNC, Total length 231.00,  
 Gear type DD, Mount. holes 2 (0)

B: 34.00 mm


**113592** Starter 12 V

Replacing: SM68737, 6873740-M030SM

 Servicing: Mariner, Mercury, Various  
 Industrial applications

 B+ 1/4" UNC, Total length 217.00,  
 Gear type DD, Mount. holes 2 (0)

B: 35.00 mm


**113593** Starter 12 V

Replacing: 2-2432-UT

Servicing: Kawasaki

 B+ 1/4" UNC, Total length 209.00,  
 Gear type DD, Mount. holes 2 (0)

**113594** Starter 12 V, 0.6 kW

Replacing: SM56804, 5680640M030SM, 5680640

Servicing: Audi, Honda

 B+ 1/4" UNC, Total length 188.00,  
 Gear type DD, Mount. holes 2 (0)

B: 9.00 mm


**113854** Starter 12 V

Replacing: 2009805, 1053720M030SM

Servicing: New Holland

 B+ 1/4" UNC, Total length 186.00,  
 Gear type PMDD

3/16 Whitworth threading 4,763 diameter

A: 58.00 B: 23.00 mm


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**110149** Starter 12 V, 0.9 kW

Replacing: M38382, 1EM0088  
 Servicing: Mazda, Mercury  
 B+ M8, Total length 198.00,  
 Gear type DD, Mount. holes 3 (2)  
 A: 74.00 B: 15.00 mm


**110205** Starter 24 V, 6.5 kW

Replacing: D13E101TE, D13E101  
 Servicing: Volvo  
 B+ M12, Total length 407.00,  
 Gear type DD, Mount. holes 3 (0),  
 Waterproof  
 A: 89.00 B: 47.50 mm


**110245** Starter 12 V, 1.7 kW

Replacing: TM000A07101, MG120559,  
 MG117559, M40237  
 Servicing: Kubota, Various Agriculture  
 Vehicles  
 B+ M8, Total length 196.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 82.50 B: 26.00 mm


**110315** Starter 12 V, 0.9 kW

Replacing: MC109025, MC109018, M39646,  
 M37454, M36370, 1EM0081  
 Servicing: Dodge, Hyundai, Kia, Mitsubishi,  
 Plymouth, Proton  
 B+ M8, Total length 208.00,  
 Gear type DD/GR, Mount. holes 2 (2)  
 A: 77.00 B: 18.40 mm


**110336** Starter 12 V, 0.75 kW

Replacing: D9E167, D9E107  
 Servicing: Ford, Mercury, Triumph  
 B+ M8, 15a M5, Total length 224.50,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 3 (0)  
 A: 89.00 B: 28.00 mm


**110338** Starter 12 V, 0.8 kW

Replacing: D9E127  
 Servicing: Fiat, Lancia, Zastava  
 B+ M8, Total length 254.00,  
 Gear type DD, Mount. holes 3 (3)  
 A: 66.90 B: 12.00 mm


**110341#** Starter 12 V, 0.8 kW

Replacing: D9E124  
 Servicing: Bedford, Opel, Vauxhall  
 B+ M8, 15a 6.30, Total length 260.00,  
 Gear type DD, Mount. holes 2 (0)  
 A: 77.85 B: 15.00 mm


**110354** Starter 12 V, 3.1 kW

Replacing: D9R91  
 Servicing: Land Rover  
 B+ M8, Total length 273.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 92.00 B: 21.00 mm


**110363** Starter 12 V, 0.7 kW

Replacing: D8E158  
 Servicing: BMW, Porsche, VW  
 B+ M8, Total length 214.00,  
 Gear type DD, Mount. holes 2 (0)  
 Bushing D.E. (clutch house): HC-CARGO  
 140008.  
 A: 76.00 B: 33.00 mm


**110364** Starter 12 V, 0.65 kW

Replacing: D9E128  
 Servicing: Opel, Vauxhall  
 B+ M8, 15a 6.30, Total length 229.50,  
 Gear type DD, Mount. holes 2 (0)  
 A: 68.00 B: 14.00 mm


**110365** Starter 12 V, 0.8 kW

Replacing: D6RA30  
 Servicing: Autobianchi, Fiat, Lancia, Seat  
 B+ M8, Total length 236.50,  
 Gear type DD, Mount. holes 3 (3)  
 A: 62.00 B: 12.50 mm


**110367** Starter 12 V, 1.0 kW

Replacing: D9E34, D9E22, D9E20, D9E12,  
 D8E81, D8E75, D8E66, D8E64, D8E60, D8E41,  
 D8E21, D8E152, D8E121, 94170X  
 Servicing: Dacia, DAF, Renault, Volvo  
 B+ M8, Total length 200.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 66.00 B: 10.50 mm


**110368** Starter 12 V, 2.3 kW

Replacing: D9R141  
 Servicing: Audi, Mercedes-Benz, Volvo  
 B+ M10, Total length 289.00,  
 Gear type DD, Mount. holes 2 (2)  
 A: 82.50 B: 21.00 mm


**110389** Starter 12 V, 2.0 kW

Replacing: TM000A06901, TM000A06701,  
 MG122404, M32909, 1EM0049  
 Servicing: Asia Motors, Ford, Kia, Mazda,  
 Suzuki  
 B+ M8, Total length 232.00,  
 Gear type GR, Mount. holes 3 (2)  
 A: 88.00 B: 6.00 mm


**110394** Starter 12 V, 0.85 kW

Replacing: D6RA13  
 Servicing: Chevrolet, GEO, Suzuki  
 B+ M8, Total length 207.00,  
 Gear type DD/GR, Mount. holes 2 (0)  
 A: 65.85 B: 4.35 mm


**110439** Starter 12 V, 2.0 kW

Replacing: D11E84, D11E155, D11E141  
 Servicing: Buhner, Compair, Eicher, Massey  
 Ferguson  
 B+ M8, Total length 309.50,  
 Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 25.00 mm


**110479** Starter 12 V, 0.9 kW

Replacing: MC107023, MC107012, M36873,  
 1EM0064  
 Servicing: Hyundai, Mitsubishi  
 B+ M8, Total length 189.00,  
 Gear type DD, Mount. holes 2 (2)  
 A: 77.00 B: 17.00 mm


**110512** Starter 24 V, 5.4 kW

Replacing: D13E81T, D13E81, D13E69T,  
 D13E69, D13E63T, D13E63, 076571  
 Servicing: Ahlmann, Irmer, Mercedes-Benz,  
 Various Agriculture Vehicles  
 B+ M10, Total length 384.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 48.00 mm


**110522** Starter 12 V, 3.0 kW

Replacing: 455669  
 Servicing: Fiat, Fiat-Allis, Iveco, New Holland  
 B+ M10, Total length 341.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 110.00 B: 26.50 mm


**110565** Starter 12 V, 2.8 kW

Replacing: D11E15H, D11E154, D11E137  
 Servicing: Eicher, Massey Ferguson  
 B+ M8, Total length 313.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 29.50 mm


**110576** Starter 24 V, 3.2 kW

Replacing: TM000A06001, MG232415,  
 M04501, M000A026  
 Servicing: Mitsubishi  
 B+ M8, Total length 243.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 60.00 B: 19.40 mm


**110578** Starter 12 V, 2.0 kW

Replacing: TM000A06601, MG120416,  
 M36203, 2EM0659  
 Servicing: Ford, Mazda  
 B+ M8, Total length 241.00,  
 Gear type GR, Mount. holes 3 (1)  
 A: 89.95 B: 41.00 mm


**110584** Starter 12 V, 1.2 kW

Replacing: TS8E2, D7E5, D7E25, D7E23,  
 D7E2, D7E16, D6RA572, D6RA571, D6RA57,  
 D6RA5, D6RA37, D6RA20, D6RA100  
 Servicing: Citroen, Peugeot  
 B+ M8, Total length 210.00,  
 Gear type GR, Mount. holes 3 (1)  
 A: 66.00 B: -6.00 mm


**110585** Starter 12 V, 1.2 kW

Replacing: D9R237, D9E776, D9E774, D9E773,  
 D9E772, D9E771, D9E77, D9E761, D9E76,  
 D9E72, D9E52, D9E39, D9E276  
 Servicing: Renault, Volvo  
 B+ M8, Total length 214.15,  
 Gear type DD, Mount. holes 4 (4)  
 A: 66.00 B: -2.00 mm


**110587** Starter 12 V, 1.2 kW

Replacing: D9EP119, D9E49, D9E48, D6RA23, 99680X, 310213V

Servicing: Citroen, Peugeot

 B+ M8, Total length 208.20,  
 Gear type DD/GR, Clutch type Dry,  
 Mount. holes 3 (3)

A: 66.00 B: -4.00 mm


**110793** Starter 12 V, 0.9 kW

 Replacing: D9E9, D9E27, D8E96, D8E76,  
 D8E124, D8E122, D8E104

Servicing: Citroen, Fiat, Peugeot

 B+ M8, Total length 221.00,  
 Gear type DD, Mount. holes 2 (2)

A: 66.00 B: 22.00 mm


**110807** Starter 12 V, 0.85 kW

 Replacing: MC109011, MC108030, MC108027,  
 M36505, M04686, M000A0171, 1EM0087

Servicing: Ford, Kia, Mazda, Opel

 B+ M8, Total length 197.25,  
 Gear type DD, Mount. holes 2 (0)

A: 70.00 B: 20.50 mm


**110808** Starter 12 V, 0.85 kW

 Replacing: TM000A05501, TM000A03901,  
 TM000A0241, MC109046, MC109039,  
 MC109036, MC109028, MC109021, MC108029

Servicing: Ford, Kia, Mazda

 B+ M8, Total length 197.00,  
 Gear type DD, Mount. holes 3 (2)

A: 74.00 B: 14.50 mm


**110809** Starter 12 V, 2.0 kW

 Replacing: TM000A06101, MG120906,  
 MG120413, M000A025

Servicing: Dodge, Hyundai, Mitsubishi, Proton

 B+ M8, Total length 241.45,  
 Gear type GR, Mount. holes 2 (2)

A: 76.90 B: 0.00 mm


**110810** Starter 12 V, 1.4 kW

 Replacing: TM000A05101, TM000A03801,  
 N43169, MP112045, MP112038, M42373

Servicing: Ford, Kia, Mazda

 B+ M8, Total length 208.00,  
 Gear type GR, Mount. holes 3 (2)

A: 73.50 B: 16.00 mm


**110811** Starter 12 V, 1.2 kW

 Replacing: TM000A04001, MP112040,  
 MG112014, M43007, M43005, 1EM0057

 Servicing: Dodge, Eagle, Hyundai, Kia,  
 Mazda, Mitsubishi, Plymouth

 B+ M8, Total length 206.50,  
 Gear type GR, Mount. holes 2 (2)

A: 77.00 B: 17.25 mm


**110818** Starter 12 V, 2.1 kW

Replacing: D11E59, D11E35

Servicing: Case, Fiat-Allis, Massey Ferguson

 B+ M8, 15a 6.30, Total length 309.00,  
 Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 24.60 mm


**110824#** Starter 12 V, 1.1 kW

Replacing: D10E83, D10E81, D10E75

Servicing: Audi, Porsche, VW

 B+ M8, 15a M5, Total length 255.50,  
 Gear type DD, Mount. holes 2 (1)

A: 82.00 B: 20.60 mm


**110835#** Starter 12 V, 1.1 kW

 Replacing: D9E81, D9E300, D9E200, D9E100,  
 D8E132, D8E115, D10E59

Servicing: Delorean, Renault

 B+ M8, Total length 197.50,  
 Gear type DD, Mount. holes 3 (3)

A: 66.00 B: 3.00 mm


**110856** Starter 12 V, 0.6 kW

 Replacing: D9E92, D8E86, D8E74, D8E70,  
 D8E54, D8E131, D8E130, D8E111, D6RA42

Servicing: Renault

 B+ M8, Total length 208.50,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 2 (0)

A: 66.00 B: 21.00 mm


**110865** Starter 12 V, 0.95 kW

Replacing: D9E136

Servicing: Audi, VW

 B+ M8, 15a 6.30, Total length 228.75,  
 Gear type DD, Mount. holes 3 (3)

 Bushing d.e. (clutch house): HC-CARGO  
 140500.

A: 82.50 B: 15.00 mm


**110866** Starter 12 V, 0.9 kW

Replacing: D9E79, D9E78, D9E68, D9E55, D9E46, D9E278

Servicing: Renault

 B+ M8, Total length 197.65,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 3 (2)

A: 66.00 B: 10.50 mm


**110958** Starter 12 V, 0.9 kW

Replacing: TM000A0191, MC109032, M39378, M39376, M000A0191, M000A01901

Servicing: Dodge, Eagle, Hyundai, Mitsubishi, Plymouth

 B+ M8, Total length 188.50,  
 Gear type DD/GR, Mount. holes 2 (2)

A: 77.00 B: 10.80 mm


**111015** Starter 12 V, 1.1 kW

Replacing: D6RA52, D6RA22

Servicing: Lombardini, Various Agriculture Vehicles

 B+ M8, Total length 216.25,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 2 (0)

A: 76.00 B: 15.00 mm


**111025** Starter 12 V, 0.8 kW

Replacing: D6RA39

Servicing: Autobianchi, Fiat, Lancia

 B+ M8, Total length 199.25,  
 Gear type DD, Mount. holes 3 (2)

A: 64.00 B: 11.00 mm


**111029** Starter 12 V, 1.4 kW

Replacing: D7R45, D7R3, D7R151, D7R15, D7R11, D7R1

Servicing: Citroen, Nissan, Peugeot, Rover

 B+ M8, Total length 207.00,  
 Gear type GR, Mount. holes 3 (1)

A: 62.00 B: -5.00 mm


**111047** Starter 12 V, 3.1 kW

Replacing: D9R144, D9R116, D11E167T, D11E167

Servicing: Volvo, Volvo Penta

 B+ M8, Total length 302.75,  
 Gear type GR, Mount. holes 3 (0),  
 Insulated return

A: 88.85 B: 47.70 mm


**111052** Starter 12 V, 1.5 kW

Replacing: D6RA28

Servicing: BMW, Ford

 B+ M8, 15a 4.70, Total length 261.00,  
 Gear type DD, Mount. holes 2 (0)

A: 76.10 B: 28.00 mm


**111053#** Starter 12 V, 0.8 kW

Replacing: D9E108

Servicing: Ford

 B+ M8, 15a M5, Total length 217.00,  
 Gear type DD, Mount. holes 3 (3)

A: 76.00 B: 13.00 mm


**111055** Starter 12 V, 0.7 kW

Replacing: D9E129

Servicing: Opel, Pontiac, Vauxhall

 B+ M8, 15a 6.30, Total length 229.50,  
 Gear type DD, Mount. holes 2 (0)

A: 67.95 B: 18.25 mm


**111056#** Starter 12 V, 0.8 kW

Replacing: D9E125

Servicing: Opel, Vauxhall

 B+ M8, Total length 243.50,  
 Gear type DD, Mount. holes 2 (1)

A: 82.40 B: 17.00 mm


**111058** Starter 12 V, 0.8 kW

Replacing: D9E114

Servicing: Audi, Seat, VW

 B+ M8, 15a 6.30, Total length 215.50,  
 Gear type DD, Mount. holes 3 (2)

Bushing d.e. (clutch house): HC-CARGO 140500.

A: 82.35 B: 14.75 mm


**111059** Starter 12 V, 0.9 kW

Replacing: D9E140

Servicing: Seat, VW

 B+ M8, 15a 6.30, Total length 230.00,  
 Gear type DD/GR, Clutch type Dry,  
 Mount. holes 3 (0)

Bushing D.E. (clutch house): HC-CARGO 140008.

A: 76.00 B: 33.00 mm



**111063** Starter 12 V, 1.2 kW  
 Replacing: D9E852, D9E851, D9E85, D9E702, D9E701, D9E70  
 Servicing: Citroen, Peugeot, Renault  
 B+ M8, Total length 208.00,  
 Gear type DD, Mount. holes 3 (3)  
 A: 66.00 B: -4.00 mm



**111064** Starter 12 V, 1.05 kW  
 Replacing: D9E74, D9E66, D9E56, 534023A  
 Servicing: Renault, Volvo  
 B+ M8, Total length 207.00,  
 Gear type DD, Mount. holes 3 (3)  
 A: 65.90 B: 11.00 mm



**111065** Starter 12 V, 2.2 kW  
 Replacing: D9RP160, D9R119  
 Servicing: Daewoo, Mercedes-Benz, Ssangyong  
 B+ M8, Total length 276.00,  
 Gear type GR, Mount. holes 2 (2)  
 A: 82.30 B: 26.50 mm



**111066** Starter 12 V, 1.05 kW  
 Replacing: D9E62, D9E61, D9E54, D9E36, 94612K, 310023W  
 Servicing: Citroen, Fiat, Peugeot, Talbot  
 B+ M8, Total length 197.00,  
 Gear type DD, Mount. holes 2 (2)  
 A: 65.90 B: 21.00 mm



**111068** Starter 12 V, 0.85 kW  
 Replacing: D9E75, D9E64, D9E53  
 Servicing: Citroen, Peugeot, Talbot  
 B+ M8, Total length 212.25,  
 Gear type DD, Mount. holes 3 (3)  
 A: 65.85 B: 15.65 mm



**111070** Starter 12 V, 1.7 kW  
 Replacing: D9R84, D9R121, D7R8, D7R32, D7R27, D7R20, D7R127, D7R12, 185994, 185625, 184643, 182604  
 Servicing: Citroen, Fiat, Hyundai, Lancia, Peugeot, Suzuki, Talbot  
 B+ M8, Total length 230.00,  
 Gear type GR, Mount. holes 3 (3)  
 A: 66.00 B: -6.50 mm



**111100** Starter 12 V, 0.7 kW  
 Replacing: D9E93, D8E99, D8E148, D8E116, D6RA431, D6RA43  
 Servicing: Citroen  
 B+ M8, Total length 207.75,  
 Gear type DD, Mount. holes 2 (0)  
 A: 65.60 B: 19.80 mm



**111106** Starter 12 V, 1.0 kW  
 Replacing: D6RA47  
 Servicing: Fiat, Lancia, Seat  
 B+ M8, Total length 232.00,  
 Gear type DD, Mount. holes 3 (3)  
 A: 82.00 B: 22.40 mm



**111114** Starter 12 V, 3.1 kW  
 Replacing: D9R73  
 Servicing: Jeep, Renault  
 B+ M8, Total length 257.75,  
 Gear type GR, Mount. holes 3 (3)  
 A: 75.00 B: -9.50 mm



**111115** Starter 12 V, 2.2 kW  
 Replacing: D9R90  
 Servicing: Citroen, Peugeot, Talbot  
 B+ M8, Total length 281.00,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 3 (3)  
 A: 98.50 B: 37.50 mm



**111123** Starter 12 V, 0.9 kW  
 Replacing: D7EP12, D6RA93, D6RA62, D6RA32, D6RA293, D6RA249, D6RA163, D6RA162, D6RA132  
 Servicing: Chevrolet, Daewoo, Fiat, Mercedes-Benz, Opel, Vauxhall  
 B+ M8, Total length 208.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 67.95 B: 18.55 mm



**111125** Starter 12 V, 2.2 kW  
 Replacing: D9R89  
 Servicing: DAF, LDV, Peugeot, Talbot  
 B+ M8, Total length 257.50,  
 Gear type GR, Mount. holes 3 (0)  
 A: 88.90 B: 21.00 mm


**111127** Starter 12 V, 1.4 kW

Replacing: D6RA48  
 Servicing: Opel, Pontiac, Vauxhall  
 B+ M8, Total length 183.00,  
 Gear type GR, Mount. holes 2 (0)  
 Replacing: PG100.  
 A: 68.00 B: 18.00 mm


**111129#** Starter 12 V, 1.4 kW

Replacing: D6RA721, D6RA72, D6RA12  
 Servicing: Citroen, Peugeot  
 B+ M8, Total length 212.65,  
 Gear type GR, Mount. holes 3 (2)  
 A: 62.00 B: 3.00 mm


**111130** Starter 12 V, 1.1 kW

Replacing: D6RA8, D6RA661, D6RA66,  
 D6RA64, D6RA38, D6RA18, D6RA161, D6RA16,  
 D6RA109, 186887, 186269, 184470  
 Servicing: Citroen, Fiat, Lancia, Peugeot  
 B+ M8, Total length 208.00, Gear type GR,  
 Clutch type Wet, Mount. holes 3 (3)  
 A: 65.90 B: -5.00 mm


**111231** Starter 24 V, 6.6 kW

Replacing: D13HP703, D13E123TE, D13E123T,  
 D13E1231TE, D13E123, D13E121TE,  
 D13E119TE, D13E118TE, D13E118  
 Servicing: Renault V.I.  
 B+ M10, B- M10, Total length 405.00,  
 Gear type DD, Mount. holes 3 (0),  
 Insulated return  
 A: 89.00 B: 40.25 mm


**111241** Starter 12 V, 1.2 kW

Replacing: TM000A19301, TM000A04101,  
 MP112041, MG112022, M43006  
 Servicing: Dodge, Hyundai, Kia, Mitsubishi  
 B+ M8, Total length 207.80,  
 Gear type GR, Mount. holes 2 (2)  
 A: 73.00 B: 17.00 mm


**111251** Starter 12 V, 1.1 kW

Replacing: D7E20, D7E15, D6RA73, D6RA61,  
 D6RA6, D6RA56, D6RA46, D6RA33, D6RA133,  
 187153, 185547  
 Servicing: Dacia, Renault, Volvo  
 B+ M8, Total length 208.20,  
 Gear type GR, Mount. holes 4 (4)  
 A: 66.00 B: -2.00 mm


**111305** Starter 12 V, 1.2 kW

Replacing: TM000A04201, MP112042,  
 MP112033  
 Servicing: Hyundai, Kia, Mitsubishi  
 B+ M8, Total length 207.00,  
 Gear type GR, Mount. holes 2 (2)  
 A: 77.00 B: 10.20 mm


**111306#** Starter 12 V, 1.2 kW

Replacing: TM000A07901, M52100, DRRRA79,  
 D6RA79, 1250302, 1250300  
 Servicing: Hyundai, Kia  
 B+ M8, Total length 207.50,  
 Gear type GR, Mount. holes 2 (2)  
 A: 76.90 B: 9.35 mm


**111307** Starter 12 V, 1.2 kW

Replacing: TM000A08401, S000V1196228,  
 MP112056, M53486, M53436, D6RA78,  
 1250301, 1250299  
 Servicing: Hyundai, Kia  
 B+ M8, Total length 207.15,  
 Gear type GR, Mount. holes 2 (2)  
 A: 77.00 B: 16.65 mm


**111332** Starter 12 V, 2.7 kW

Replacing: D11E158, D11E131, D11E120  
 Servicing: Fendt, Renault Agriculture  
 B+ M8, Total length 293.55,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 21.00 mm


**111333** Starter 12 V, 1.1 kW

Replacing: D6RA53, D6RA45  
 Servicing: Renault  
 B+ M8, Total length 208.55,  
 Gear type GR, Mount. holes 3 (3)  
 B: 3.00 mm


**111334** Starter 12 V, 1.2 kW

Replacing: D6RA7, D6RA15  
 Servicing: BMW  
 B+ M8, Total length 213.50,  
 Gear type GR, Mount. holes 2 (2)  
 A: 62.00 B: 27.80 mm


**111335** Starter 12 V, 1.1 kW

Replacing: D6RA75, D6RA55

Servicing: BMW

B+ M8, Total length 218.50,

Gear type GR, Mount. holes 2 (0)

B: 15.25 mm


**111347** Starter 12 V, 1.2 kW

Replacing: D6RA68, D6RA168

 Servicing: Daewoo, Mercedes-Benz,  
Ssangyong, VW

 B+ M8, Total length 219.80, Gear type GR,  
Clutch type Dry, Mount. holes 2 (2)

A: 82.35 B: 25.00 mm


**111398** Starter 12 V, 1.1 kW

Replacing: D9E51

Servicing: BUKH

B+ M8, Total length 215.00,

Gear type DD, Mount. holes 2 (0)

*OE unit has an opening on opposite side.*
*111398 should be mounted "upside down" (*
*Solenoid downward)*

A: 82.00 B: 21.00 mm


**111404** Starter 12 V, 1.1 kW

Replacing: D6RA40, D6RA11

Servicing: Volvo Penta

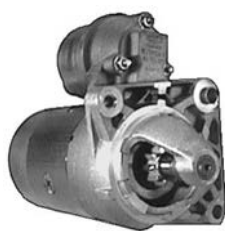
B+ M8, Total length 224.00,

Gear type GR, Clutch type Dry,

Mount. holes 2 (2)

*Valeo D6RA11 is insulated which 111404 is NOT !*

A: 82.45 B: 35.00 mm


**111422** Starter 12 V, 0.8 kW

Replacing: D6RA59

Servicing: Fiat, Lancia

B+ M8, Total length 206.00,

Gear type DD, Mount. holes 3 (1)

A: 64.00 B: 11.50 mm


**111442** Starter 12 V, 1.4 kW

Replacing: D7RSA7, D7RSA2, D7RS7, D7RS1

Servicing: Acura, Honda, Rover

B+ M8, Total length 211.50,

Gear type GR, Clutch type Wet,

Mount. holes 2 (0)

A: 75.00 B: 33.50 mm


**111461** Starter 12 V, 2.2 kW

Replacing: MG122433

Servicing: Dodge, Hyundai, Mitsubishi

B+ M8, Total length 240.00,

Gear type GR, Mount. holes 2 (2)

A: 77.00 B: 3.50 mm


**111476** Starter 12 V, 2.0 kW

 Replacing: TM000A14901, MG120445,  
HK988300

Servicing: Hyundai, Kia, Mitsubishi

B+ M8, Total length 240.00,

Gear type GR, Clutch type Wet,

Mount. holes 2 (2)

A: 77.00 B: 10.00 mm


**111508** Starter 12 V, 1.2 kW

Replacing: D6RA76

Servicing: Mitsubishi

B+ M8, Total length 207.50,

Gear type GR, Clutch type Dry,

Mount. holes 2 (2)

A: 71.00 B: 4.00 mm


**111565** Starter 12 V, 2.2 kW

 Replacing: TM000A18601, MG122202,  
HQ808670

Servicing: Hyundai, Kia, Mitsubishi

B+ M8, Total length 239.25,

Gear type GR, Clutch type Wet,

Mount. holes 2 (2)

A: 77.30 B: 10.00 mm


**111619** Starter 12 V, 1.7 kW

Replacing: D7R42

Servicing: Fiat, Seat

B+ M8, Total length 263.00,

Gear type GR, Mount. holes 3 (3)

A: 82.50 B: 24.00 mm


**111641** Starter 12 V, 0.7 kW

Replacing: TS8E1, D7E1

Servicing: Nissan, Renault

B+ M8, Total length 195.50,

Gear type GR, Clutch type Dry,

Mount. holes 2 (1)

A: 64.00 B: 0.50 mm




**111694** Starter 12 V, 1.8 kW

Replacing: D7R33  
 Servicing: Audi, Ferrari, Seat, Skoda, VW  
 B+ M8, Total length 270.00,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 2 (2)  
 A: 82.50 B: 16.00 mm


**111786** Starter 12 V, 1.7 kW

Replacing: TM000A24301  
 Servicing: Mercruiser, Mercury, OMC  
 B+ M8, 15a M5, Total length 246.00,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 2 (0)  
 B: 18.50 mm


**111848** Starter 12 V, 1.0 kW

Replacing: D6RA92  
 Servicing: Chevrolet, Citroen, Daewoo,  
 Holden, Isuzu, Opel, Peugeot, Vauxhall  
 B+ M8, Total length 215.50,  
 Gear type GR, Mount. holes 2 (1)  
 A: 82.50 B: 19.00 mm


**111849** Starter 12 V, 0.8 kW

Replacing: TM000A35301, TM000A23501  
 Servicing: Chevrolet, Daewoo, Suzuki  
 B+ M8, Total length 184.50,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 2 (2)  
 A: 75.00 B: 6.50 mm


**111851** Starter 12 V, 2.0 kW

Replacing: TM000A15701, D7R46, D7R43,  
 D7R28, D7R19  
 Servicing: Mercedes-Benz  
 B+ M8, Total length 240.00,  
 Gear type GR, Mount. holes 2 (2)  
 A: 82.50 B: 25.50 mm


**111900** Starter 12 V, 1.8 kW

Replacing: D7RS301, D7RS30, D7RS130  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 B+ M8, Total length 235.00,  
 Gear type GR, Mount. holes 2 (0)  
 Alternative no.: 115503   
 A: 76.00 B: 53.00 mm


**111906** Starter 12 V, 1.1 kW

Replacing: TS12E10  
 Servicing: Ford, Mazda, Volvo  
 B+ M8, Total length 214.35,  
 Gear type GR, Mount. holes 3 (3)  
 A: 76.00 B: 26.35 mm


**111909** Starter 12 V, 1.1 kW

Replacing: D7ES5, D7ES1, 190396  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 B+ M8, Total length 212.00,  
 Gear type GR, Mount. holes 3 (0)  
 Alternative no.: 115504   
 A: 76.25 B: 32.00 mm


**111931** Starter 12 V, 1.1 kW

Replacing: D7E8, D7E4, D7E38, D7E18,  
 D6RAP229, D6RA83, D6G5  
 Servicing: Mercedes-Benz  
 B+ M8, Total length 212.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 70.00 B: 15.00 mm


**111994** Starter 12 V, 0.7 kW

Replacing: D7E71, D7E7  
 Servicing: Citroen, Peugeot  
 B+ M8, Total length 194.00,  
 Gear type GR, Mount. holes 3 (1)  
 A: 62.00 B: -5.00 mm


**111996** Starter 12 V, 2.2 kW

Replacing: D7R61  
 Servicing: Iveco  
 B+ M8, Total length 274.00,  
 Gear type GR, Mount. holes 3 (1)  
 A: 110.00 B: 26.00 mm


**112053** Starter 12 V, 2.2 kW

Replacing: D7R57  
 Servicing: Citroen, Peugeot  
 B+ M8, Total length 272.50,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 3 (3)  
 A: 74.00 B: -6.00 mm




**112214** Starter 12 V, 1.6 kW

Replacing: D7RSA5, D7RSA4, D7RSA11, D7RSA10

Servicing: Honda, Rover

 B+ M8, Total length 210.00,  
Gear type GR, Mount. holes 2 (0)

A: 75.00 B: 40.00 mm


**112217** Starter 12 V, 1.0 kW

Replacing: D6RA80, D6RA67, D6RA167

Servicing: Honda, Rover

B+ M8, Gear type GR, Mount. holes 2 (0)

A: 75.00 B: 33.50 mm


**112218** Starter 12 V, 1.0 kW

Replacing: TS10E5, TS10E4, D7E6, D7E26, D7E22, D7E19, 105119C

Servicing: Renault

 B+ M8, Total length 168.25,  
Gear type GR, Clutch type Dry,  
Mount. holes 3 (3)

A: 60.45 B: -1.00 mm


**112224** Starter 24 V, 6.7 kW

Replacing: D13HP601

Servicing: Scania

 B+ M12, Total length 428.00,  
Gear type DD, Clutch type Dry,  
Mount. holes 3 (0)

A: 92.00 B: 48.00 mm


**112227**<sup>#</sup> Starter 24 V, 8.0 kW

Replacing: D13HP709, D13HP613

Servicing: Renault V.I.

 B+ M10, 15a M5, Total length 405.00,  
Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 47.00 mm


**112251** Starter 12 V, 2.3 kW

Replacing: D7R70

Servicing: Ford, LDV

 B+ M8, Total length 258.00,  
Gear type GR, Mount. holes 3 (0)

A: 91.90 B: 20.50 mm


**112286** Starter 12 V, 1.7 kW

Replacing: D7RS29, D7RS129

Servicing: Audi, Ford, Mercedes-Benz, Seat, Skoda, VW

 B+ M8, Total length 236.00,  
Gear type GR, Mount. holes 3 (0)

A: 76.10 B: 32.00 mm


**112289** Starter 12 V, 0.8 kW

Replacing: D9E243, D9E123

Servicing: Fiat, Innocenti, Lancia

 B+ M8, 15a M5, Total length 224.00,  
Gear type DD, Mount. holes 3 (3)

A: 64.20 B: 13.00 mm


**112290** Starter 12 V, 2.2 kW

Replacing: VS456, D7R64, 626614, 578147

Servicing: Ford, Mazda

 B+ M8, Total length 264.00,  
Gear type GR, Clutch type Dry,  
Mount. holes 3 (3)

A: 76.00 B: 15.00 mm


**112295** Starter 12 V, 1.7 kW

Replacing: D9RP256, D9R112, D7R5, D7R35, D7R25, D7R18, D7R13, D6RA112, D10E922, D10E921, D10E92, D10E85

Servicing: Mitsubishi, Renault, Volvo

 B+ M8, Total length 265.00,  
Gear type GR, Clutch type Dry,  
Mount. holes 3 (3)

A: 66.00 B: -0.50 mm


**112322** Starter 12 V, 0.8 kW

Replacing: TM000A37001, TM000A31001, M56290, 1195248

Servicing: Hyundai, Kia

 B+ M8, Total length 187.50,  
Gear type DD, Clutch type Dry,  
Mount. holes 2 (2)

A: 75.00 B: 14.00 mm


**112340** Starter 12 V, 1.4 kW

Replacing: VS358

Servicing: Ford, Mazda, Mercury

 B+ M8, Total length 226.00,  
Gear type GR, Mount. holes 3 (3)

A: 76.00 B: 4.00 mm



**112342** Starter 24 V, 5.5 kW  
 Replacing: MG255301, M34466, M000A0271  
 Servicing: Hyundai, Mitsubishi  
 B+ M10, Total length 368.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 100.00 B: 68.00 mm



**112374** Starter 12 V, 2.5 kW  
 Replacing: MG120558  
 Servicing: Yanmar  
 B+ M8, Total length 240.50,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 2 (0)  
 A: 95.00 B: 21.40 mm



**112429** Starter 12 V, 2.0 kW  
 Replacing: D7RS50, D7RS150  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 B+ M8, Total length 259.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 76.00 B: 62.00 mm



**112440** Starter 12 V, 2.2 kW  
 Replacing: D9R149, D7RP123, D7R281  
 Servicing: Mercedes-Benz, Ssangyong, VW  
 B+ M8, Total length 240.00,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 2 (2)  
 A: 82.50 B: 26.00 mm



**112474** Starter 12 V, 1.8 kW  
 Replacing: D7R49, D7R48, D7R47, D7R44  
 Servicing: Nissan, Opel, Renault, Suzuki,  
 Vauxhall, Volvo  
 B+ M8, Total length 238.00,  
 Gear type GR, Clutch type Wet,  
 Mount. holes 3 (2)  
 B: -2.00 mm



**112475** Starter 12 V, 2.1 kW  
 Replacing: D7RP204, D7R56, D7R53, D7R34,  
 D7G11  
 Servicing: Nissan, Opel, Renault, Vauxhall  
 B+ M8, Total length 238.00,  
 Gear type GR, Clutch type Wet,  
 Mount. holes 3 (2)  
 B: -6.00 mm



**112476#** Starter 12 V, 1.0 kW  
 Replacing: D6RA811, D6RA81, D6RA181  
 Servicing: Honda  
 B+ M8, Total length 229.00,  
 Gear type GR, Clutch type Wet,  
 Mount. holes 2 (0)  
 A: 75.00 B: 39.00 mm



**112541** Starter 12 V, 2.2 kW  
 Replacing: D11E272, D11E172  
 Servicing: Fiat, Jeep, Renault  
 B+ M8, Total length 273.00,  
 Gear type DD/GR, Clutch type Dry,  
 Mount. holes 2 (1)  
 A: 77.00 B: -4.00 mm



**112651** Starter 24 V, 4.8 kW  
 Replacing: D11E149, 94955E  
 Servicing: Bosch, KHD  
 B+ M10, Total length 351.50,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 48.00 mm



**113020** Starter 12 V, 1.2 kW  
 Replacing: TM000A14401, M62957  
 Servicing: Hyundai, Kia  
 B+ M8, Total length 216.50,  
 Gear type GR, Clutch type Wet,  
 Mount. holes 2 (2)  
 A: 70.00 B: 10.00 mm



**113024** Starter 12 V, 1.6 kW  
 Replacing: D7RSA9, D7RSA3  
 Servicing: Honda  
 B+ M8, Total length 211.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 75.00 B: 33.00 mm



**113040** Starter 12 V, 0.9 kW  
 Replacing: 458522  
 Servicing: Mitsubishi  
 B+ M8, Total length 190.50,  
 Gear type DD/GR, Clutch type Wet,  
 Mount. holes 2 (2)  
 A: 76.90 B: 10.00 mm



11


**113129** Starter 24 V, 4.5 kW

Replacing: TM000A08701, MG250302, M24798, M24698, M000A0291

Servicing: Mitsubishi

 B+ M10, Total length 290.00,  
Gear type GR, Mount. holes 2 (1)

A: 110.00 B: 64.50 mm



9


**113134** Starter 12 V, 2.2 kW

Replacing: D7R41, 573387

Servicing: Renault, Renault V.I., Vauxhall

 B+ M8, Total length 272.00,  
Gear type GR, Mount. holes 3 (0)

A: 109.70 B: 27.00 mm



9


**113141** Starter 12 V, 0.8 kW

Replacing: TM000A21901

Servicing: Mitsubishi, New Holland, Onan

 B+ M8, Total length 210.00,  
Gear type DD, Mount. holes 2 (0)

A: 73.90 B: 29.50 mm



11


**113254** Starter 12 V, 1.1 kW

Replacing: TS14E110, D6RA110

Servicing: Citroen, Fiat, Peugeot, Toyota

 B+ M8, Total length 206.00,  
Gear type GR, Clutch type Dry,  
Mount. holes 4 (2)

A: 62.00 B: 14.00 mm



12


**113262<sup>#</sup>** Starter 24 V, 8.8 kW

Replacing: D13E120TE

Servicing: Renault V.I.

 B+ M10, 15a M10, Total length 448.50,  
Gear type DD, Mount. holes 3 (0)

A: 101.80 B: 23.60 mm



8


**113267** Starter 12 V, 0.7 kW

Replacing: TS8E4, D7E41, D7E31

Servicing: Nissan

 B+ M8, Total length 185.50,  
Gear type DD, Mount. holes 2 (1)

A: 69.90 B: 12.00 mm



10


**113269** Starter 12 V, 3.0 kW

Replacing: D11E146, D11E118

 Servicing: Atlas Copco, Barber Greene,  
Benford, Case, Daewoo, Matbro, Perkins,  
Thwaites

 B+ M10, Total length 234.50,  
Gear type GR, Mount. holes 3 (0)

A: 88.80 B: 31.50 mm



9


**113307** Starter 12 V, 1.2 kW

 Replacing: D9E50, D6RA54, D6RA50, D6RA34,  
D6RA29, D6RA19, 186625

Servicing: BUKH, Lombardini

 B+ M8, Total length 223.00,  
Gear type GR, Mount. holes 2 (0)

A: 76.10 B: 27.00 mm



10


**113387** Starter 12 V, 2.0 kW

Replacing: D7RS31, D7RS131

Servicing: Seat, VW

 B+ M8, Total length 238.00,  
Gear type GR, Mount. holes 3 (0)

A: 76.00 B: 54.00 mm



10,12


**113445** Starter 12 V, 2.2 kW

Replacing: TM000A36101, TM000A34101

Servicing: Hyundai, Mitsubishi

 B+ M8, Total length 239.00,  
Gear type GR, Mount. holes 2 (2)

A: 76.90 B: 9.00 mm



11


**113456** Starter 24 V, 6.0 kW

Replacing: TM000A0301, M000A0301

Servicing: Daewoo

 B+ M10, Total length 386.00,  
Gear type GR, Mount. holes 3 (0)  
With safety switch.

A: 89.00 B: 49.00 mm



10


**113465** Starter 12 V, 3.0 kW

Replacing: D11E119T, D11E119, D11E104

Servicing: Renault V.I.

 B+ M10, Total length 338.00,  
Gear type DD, Clutch type Dry,  
Mount. holes 3 (0)

A: 88.75 B: 21.50 mm



**113466** Starter 24 V, 4.0 kW  
 Replacing: D11E99, D11E122T, D11E122, 76517, 076517  
 Servicing: Renault V.I.  
 B+ M10, Total length 316.00,  
 Gear type DD/GR, Clutch type Dry,  
 Mount. holes 3 (0)  
 A: 88.90 B: 22.00 mm



**113478** Starter 12 V, 2.8 kW  
 Replacing: D7R14, 187031  
 Servicing: Atlas Copco, John Deere  
 B+ M10, 15a M5, Total length 303.50,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 2 (0), Oil sealed  
 A: 82.00 B: 35.00 mm



**113481** Starter 12 V, 1.4 kW  
 Replacing: D6RA104, D6RA101  
 Servicing: Chrysler, Opel, Renault, Suzuki, Vauxhall  
 B+ M8, Total length 231.00,  
 Gear type GR, Mount. holes 4 (4)  
 A: 65.90 B: -1.00 mm



**113521** Starter 12 V, 1.2 kW  
 Replacing: TM000A13901, M60082, M60062  
 Servicing: Hyundai, Kia  
 B+ M8, Total length 213.00,  
 Gear type GR, Mount. holes 2 (2)  
 A: 77.00 B: 18.00 mm



**113605** Starter 12 V, 1.1 kW  
 Replacing: D6RA63  
 Servicing: Renault, Volvo  
 B+ M8, Total length 216.00,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 3 (3)  
 A: 66.00 B: -1.70 mm



**113638** Starter 12 V, 1.4 kW  
 Replacing: TM000A13701, M60081  
 Servicing: Chrysler, Hyundai, Kia, Mitsubishi  
 B+ M8, Total length 194.50,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 2 (2)  
 A: 77.00 B: 10.50 mm



**113659** Starter 12 V, 0.9 kW  
 Replacing: TM000A37201, TM000A27301  
 Servicing: Hyundai, Kia  
 B+ M8, Total length 186.00,  
 Gear type DD, Mount. holes 2 (2)  
 A: 77.00 B: 18.00 mm



**113676** Starter 24 V, 5.5 kW  
 Replacing: MF250671  
 Servicing: Renault V.I.  
 B+ M10, Total length 350.50,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 3 (0)  
 With safety switch.  
 A: 89.00 B: 40.00 mm



**113719** Starter 12 V, 1.3 kW  
 Replacing: D6G321, D6G32, D6G1  
 Servicing: Fiat, Lancia, Opel, Vauxhall  
 B+ M8, Total length 201.00,  
 Gear type GR, Mount. holes 2 (1)  
 A: 63.90 B: 24.00 mm



**113727** Starter 12 V, 2.7 kW  
 Replacing: TM000A28901  
 Servicing: Bobcat  
 B+ M10, 15a M5, Total length 286.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 88.50 B: 46.50 mm



**113745** Starter 12 V, 1.4 kW  
 Replacing: VS371, 458545  
 Servicing: Jaguar  
 B+ M8, 15a M4, Total length 267.00,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 2 (1)  
 A: 89.00 B: 26.70 mm



**113756** Starter 12 V, 0.8 kW  
 Replacing: D7ED281, D7ED28  
 Servicing: Mercedes-Benz  
 B+ M8, Total length 169.00,  
 Gear type DD, Mount. holes 2 (0)  
 A: 70.00 B: 15.00 mm



10


**113773** Starter 12 V, 1.1 kW

Replacing: D6GS14

Servicing: Audi, Seat, Skoda, VW

B+ M8, Total length 210.00,

Gear type GR, Mount. holes 2 (0)

A: 76.15 B: 62.00 mm



9


**113796** Starter 12 V, 1.7 kW

Replacing: TM000A31201

Servicing: Hyundai

B+ M8, Total length 223.00,

Gear type GR, Clutch type Dry,
 Mount. holes 2 (2)

A: 82.40 B: 24.00 mm



8


**113797** Starter 12 V, 1.7 kW

Replacing: TM000A33401, 1250295, 1195925

Servicing: Hyundai, Kia

B+ M8, Total length 223.40,

Gear type DD, Mount. holes 2 (2)

A: 76.95 B: 16.85 mm



8


**113805** Starter 12 V, 1.2 kW

Replacing: TM000A14301, M62956

Servicing: Hyundai, Kia

B+ M8, Total length 213.00,

Gear type GR, Clutch type Dry,
 Mount. holes 2 (2)

A: 70.00 B: 18.00 mm



10, 11, 12


**113841** Starter 12 V, 1.7 kW

Replacing: TS18ER123, TS18E3, D7GS10

Servicing: Audi, BMW, Opel, Peugeot,

Renault, Seat, Skoda, VW

B+ M8, Total length 242.00,

Gear type GR, Clutch type Dry,
 Mount. holes 2 (0)

A: 76.10 B: 62.00 mm



10


**113842** Starter 12 V, 1.7 kW

Replacing: TS18E1, D7GS8, 191335

Servicing: Audi, Seat, Skoda, VW

B+ M8, Total length 246.00,

Gear type GR, Mount. holes 2 (0)

Alternative no.: 115508

A: 76.20 B: 52.50 mm



9


**113843** Starter 12 V, 1.1 kW

Replacing: D6G33

Servicing: Fiat, Lancia, Opel, Suzuki,
 Vauxhall

B+ M8, Total length 199.00,

Gear type GR, Clutch type Dry,
 Mount. holes 2 (1)

A: 64.00 B: 24.25 mm



12, 13


**113897** Starter 12 V, 1.4 kW

Replacing: TS12E9

Servicing: Dacia, Nissan, Renault, Suzuki

B+ M8, Total length 201.00,

Gear type GR, Clutch type Dry,
 Mount. holes 3 (3)

A: 62.90 B: -0.07 mm



12


**113905** Starter 12 V, 1.4 kW

Replacing: TS14E11

Servicing: Ford, Mazda

B+ M8, Total length 208.00,

Gear type GR, Mount. holes 3 (2)

B: 13.00 mm



11, 12


**113926** Starter 12 V, 1.9 kW

Replacing: D8R29, D8R27

Servicing: Citroen, Fiat, Peugeot

B+ M8, Total length 237.00,

Gear type GR, Mount. holes 3 (3)

B: -5.00 mm



11


**113929** Starter 12 V, 1.2 kW

Replacing: D6RA115, D6RA105

Servicing: Renault

B+ M8, Total length 209.00,

Gear type GR, Mount. holes 3 (3)



8


**113932** Starter 12 V, 0.85 kW

Replacing: TS10E3, D7E47, D7E27

Servicing: Dacia, Nissan, Renault

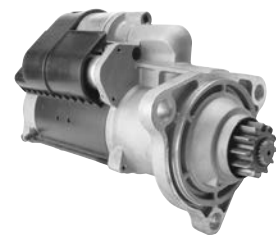
B+ M8x1.25, Total length 168.00,

Gear type DD, Mount. holes 3 (3)

B: -3.00 mm



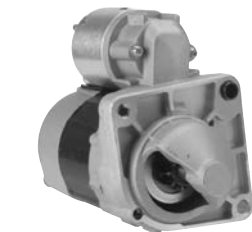
**113933** Starter 12 V, 1.5 kW  
 Replacing: TS18E13, D7G3, 190895  
 Servicing: Citroen, Mini, Peugeot, Toyota  
 B+ M8, Total length 220.00,  
 Gear type GR, Mount. holes 4 (2)  
 B: 13.00 mm



**113934** Starter 24 V, 5.5 kW  
 Replacing: S635329A, FS60PR019  
 Servicing: Bova, DAF, Solaris  
 B+ M10, Total length 321.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 110.00 B: 48.00 mm



**113937** Starter 12 V, 2.2 kW  
 Replacing: TM000A23601, 1250128  
 Servicing: Hyundai, Kia, Opel  
 B+ M8, Total length 240.00,  
 Gear type GR, Mount. holes 2 (2)  
 A: 78.00 B: 16.50 mm



**113962** Starter 12 V, 0.9 kW  
 Replacing: D7E52  
 Servicing: Alfa Romeo, Fiat, Ford, Lancia  
 B+ M8, Total length 169.60,  
 Gear type DD/GR, Mount. holes 2 (1)  
 A: 64.10 B: 10.00 mm



**113963** Starter 12 V, 1.1 kW  
 Replacing: TS10E1  
 Servicing: Citroen, Peugeot, Toyota  
 B+ M8, Total length 168.40,  
 Gear type DD/GR, Mount. holes 2 (1)  
 A: 74.00 B: 25.00 mm



**113974** Starter 12 V, 1.1 kW  
 Replacing: D6RA210, D6RA21  
 Servicing: Moto Guzzi  
 B+ M8, Total length 210.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 62.00 B: 9.45 mm



**114029** Starter 12 V, 1.8 kW  
 Replacing: TS18E331, TS18E33  
 Servicing: Opel, Vauxhall  
 B+ M8, Total length 215.00,  
 Gear type GR, Mount. holes 2 (1)  
 A: 64.00 B: 23.10 mm



**114030** Starter 12 V, 2.2 kW  
 Replacing: TS22E26, D7G26  
 Servicing: Citroen, Peugeot  
 B+ M8, Total length 218.00,  
 Gear type GR, Mount. holes 4 (2)  
 B: 13.50 mm



**114034** Starter 12 V, 1.0 kW  
 Replacing: TS10E26, D6GS12  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Total length 194.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 76.00 B: 52.50 mm



**114035** Starter 12 V, 1.3 kW  
 Replacing: D6RA188, D6RA187, D6RA138,  
 D6RA137  
 Servicing: Fiat, Lancia  
 B+ M8, Total length 208.00,  
 Gear type GR, Mount. holes 2 (2)  
 B: 10.00 mm



**114074** Starter 12 V, 2.2 kW  
 Replacing: TS22E9, TS22E8, TS22E5B, TS22E5  
 Servicing: Nissan, Opel, Renault, Vauxhall  
 B+ M8, Total length 215.00,  
 Gear type GR, Mount. holes 3 (3)  
 A: 76.50 B: 13.50 mm



**114095** Starter 12 V, 0.85 kW  
 Replacing: TS8E6, D7E39  
 Servicing: Dacia, Nissan, Renault  
 B+ M8, Total length 170.00,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 2 (1)  
 A: 62.50 B: -1.00 mm


**114100** Starter 24 V, 7.5 kW

Replacing: D13HP709, D13HP613

Servicing: Renault V.I.

 B+ M12, Total length 380.00,  
 Gear type GR, Mount. holes 3 (0)

A: 92.00 B: 47.00 mm


**114127** Starter 12 V, 1.6 kW

Replacing: D7G4

Servicing: BMW

 B+ M8, 30h M5, Total length 220.00,  
 Gear type GR, Mount. holes 2 (2)

A: 74.00 B: 20.50 mm


**114161** Starter 12 V, 2.4 kW

Replacing: D8R1

Servicing: Renault

 B+ M8, Total length 239.00,  
 Gear type GR, Mount. holes 3 (2)

B: -7.00 mm


**114163** Starter 12 V, 1.1 kW

Replacing: D6GS11

Servicing: Audi, Seat, Skoda, VW

 B+ M8, Total length 195.00,  
 Gear type GR, Mount. holes 3 (0)

A: 76.00 B: 53.00 mm


**114171** Starter 12 V, 1.7 kW

Replacing: D7GS9

Servicing: Audi, VW

 B+ M8, Total length 211.00,  
 Gear type GR, Mount. holes 2 (0)

A: 82.00 B: 7.50 mm


**114176** Starter 12 V, 1.0 kW

Replacing: D6GS13

Servicing: Audi, Seat, Skoda, VW

 B+ M8, Total length 208.00,  
 Gear type GR, Mount. holes 2 (0)

A: 76.00 B: 52.00 mm


**114198** Starter 12 V, 1.3 kW

Replacing: D6RA108

Servicing: BMW

 B+ M8, Total length 211.50,  
 Gear type GR, Mount. holes 3 (2)

A: 76.00 B: 21.00 mm


**114199** Starter 12 V, 0.7 kW

 Replacing: TS8E5, TS8E3, D7E42, D7E40,  
 D7E32, D7E30

Servicing: Nissan

 B+ M8x1.25, Total length 166.00,  
 Gear type DD, Mount. holes 2 (1)

A: 70.00 B: 11.00 mm


**114270** Starter 12 V, 2.2 kW

Replacing: TM000A34001

Servicing: Ssangyong

 B+ M8, Total length 253.00,  
 Gear type GR, Mount. holes 2 (2)

A: 82.50 B: 25.00 mm


**114299** Starter 12 V, 1.7 kW

Replacing: TS18ER121

Servicing: Audi, Seat, Skoda, VW

 B+ M8, 15a Plug, Total length 232.00,  
 Gear type GR, Mount. holes 3 (0)

A: 76.20 B: 56.00 mm


**114402** Starter 12 V, 2.3 kW

Replacing: ESW20ER123

 Servicing: Mercruiser, Mercury, Seat, VM  
 Motori

 B+ M8x1.25, Total length 257.00,  
 Gear type GR, Mount. holes 2 (0), Not  
 Insulated return

A: 82.50 B: 16.00 mm


**114443** Starter 12 V, 0.9 kW

Replacing: 1195239

Servicing: Hyundai, Kia

 B+ M8, Total length 174.50,  
 Gear type GR, Mount. holes 2 (2)

A: 77.00 B: 21.00 mm



10,11,12,13


**114460** Starter 12 V, 1.4 kW

 Replacing: D7R4, D7R26, D7R24, D7R2  
 Servicing: Citroen, Fiat, Hyundai, Lancia,  
 Mitsubishi, Peugeot  
 B+ M8, Total length 216.00,  
 Gear type GR, Mount. holes 3 (3)  
 B: -4.00 mm


8


**114760** Starter 12 V, 0.8 kW

 Replacing: 1250902  
 Servicing: Hyundai, Kia  
 B+ M8, Total length 186.50,  
 Mount. holes 2 (2), Not Insulated return  
 A: 75.00 B: 14.50 mm


11


**114762** Starter 12 V, 2.2 kW

 Replacing: MG122423  
 Servicing: Kia  
 B+ M8, Total length 283.00,  
 Gear type GR, Mount. holes 3 (0), Not  
 Insulated return  
 A: 88.00 B: 44.50 mm


12

**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)
**114778** Starter 12 V, 2.0 kW

 Replacing: 1250449  
 Servicing: Hyundai, Kia  
 B+ M8, Total length 223.00,  
 Gear type GR, Mount. holes 2 (2), Not  
 Insulated return  
 A: 82.5 B: 25.00 mm


8

**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)
**114820** Starter 12 V, 1.2 kW

 Replacing: TM000A38001, 1195921  
 Servicing: Hyundai, Kia  
 B+ M8, Gear type GR, Mount. holes 2 (2)  
 A: 77.00 B: 17.00 mm


11


**114854** Starter 12 V, 2.5 kW

 Replacing: D8R28  
 Servicing: Citroen, Fiat, Lancia, Mitsubishi,  
 Peugeot  
 B+ M8, Total length 238.00,  
 Gear type GR, Mount. holes 5 (5), Not  
 Insulated return  
 B: -5.00 mm


10


**114878** Starter 12 V, 2.2 kW

 Replacing: D7G22  
 Servicing: Chrysler, Jeep  
 B+ M8, Total length 249.00,  
 Gear type GR, Mount. holes 2 (2), Not  
 Insulated return  
 A: 60.00 B: 27.00 mm


8


**114885** Starter 12 V, 0.9 kW

 Replacing: TM000A18001, MC109015, M35216  
 Servicing: Kia  
 B+ M8, Total length 184.00,  
 Gear type DD, Mount. holes 3 (2), Not  
 Insulated return  
 A: 74.0 B: 12.50 mm


8


**114892** Starter 12 V, 0.9 kW

 Replacing: S0001250303, 1250303  
 Servicing: Hyundai  
 B+ M8, Total length 185.30,  
 Gear type DD, Mount. holes 2 (2), Not  
 Insulated return  
 A: 77.00 B: 21.00 mm


13

**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)
**115336** Starter 12 V, 2.2 kW

 Replacing: ESW20ER121  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Total length 252.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 79.00 B: 52.00 mm


12


**115376** Starter 12 V, 1.8 kW

 Replacing: TS18ER20  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Total length 217.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 76.00 B: 62.00 mm





22


**111374** Starter 12 V, 1.5 kW

 Replacing: 20-100-01032, 20-100-01003  
 Servicing: Ford, Jaguar, Mazda, Mercury  
 B+ M8, Total length 219.00,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 2 (0)


10,11


**111900** Starter 12 V, 1.8 kW

 Replacing: 20-100-01015  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 B+ M8, Total length 235.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 76.00 B: 53.00 mm


10


**111906** Starter 12 V, 1.1 kW

 Replacing: 20-100-01010  
 Servicing: Ford, Mazda, Volvo  
 B+ M8, Total length 214.35,  
 Gear type GR, Mount. holes 3 (3)  
 A: 76.00 B: 26.35 mm


10


**112235** Starter 12 V, 1.4 kW

 Replacing: 20-100-01005, 20-100-01001  
 Servicing: Ford, Mazda, Mercury  
 B+ M8, Total length 225.00,  
 Gear type GR, Mount. holes 3 (2)  
 A: 76.10 B: 13.00 mm


13


**112251** Starter 12 V, 2.3 kW

 Replacing: 20-100-01020, 20-100-01011  
 Servicing: Ford, LDV  
 B+ M8, Total length 258.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 91.90 B: 20.50 mm


10


**112290** Starter 12 V, 2.2 kW

 Replacing: 20-100-01025, 20-100-01008, 20-100-01007  
 Servicing: Ford, Mazda  
 B+ M8, Total length 264.00,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 3 (3)  
 A: 76.00 B: 15.00 mm


10


**112340** Starter 12 V, 1.4 kW

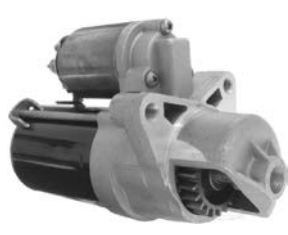
 Replacing: 20-100-01002  
 Servicing: Ford, Mazda, Mercury  
 B+ M8, Total length 226.00,  
 Gear type GR, Mount. holes 3 (3)  
 A: 76.00 B: 4.00 mm


19


**112821** Starter 12 V, 2.2 kW

 Replacing: 20-100-01022  
 Servicing: Ford, Jaguar  
 B+ M8, Total length 250.80,  
 Gear type GR, Clutch type Wet,  
 Mount. holes 2 (0)  
 B: 36.00 mm


21,23


**113701** Starter 12 V, 1.1 kW

 Replacing: 20-100-01006  
 Servicing: Ford, Mazda  
 B+ M8, Total length 218.50,  
 Gear type DD, Clutch type Wet,  
 Mount. holes 3 (2)  
 Comstar supply 23 tooth. Real supply 21  
 tooth.  
 A: 71.00 B: 14.00 mm


11


**113794** Starter 12 V, 1.4 kW

 Replacing: 20-100-01023  
 Servicing: Ford  
 B+ M8, Total length 251.00,  
 Gear type GR, Mount. holes 2 (0)  
 B: 29.00 mm


12


**113905** Starter 12 V, 1.4 kW

 Replacing: 20-100-01021  
 Servicing: Ford, Mazda  
 B+ M8, Total length 208.00,  
 Gear type GR, Mount. holes 3 (2)  
 B: 13.00 mm


11


**113906** Starter 12 V, 1.2 kW

 Replacing: 20-100-01027  
 Servicing: Ford, Volvo  
 B+ M8, Total length 214.00,  
 Gear type GR, Mount. holes 2 (0)  
 B: 29.00 mm


**113907** Starter 12 V, 1.2 kW

Replacing: 20-100-01028

Servicing: Ford

 B+ M8, Total length 169.00,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 2 (0)

B: 29.00 mm


**113908** Starter 12 V, 1.2 kW

Replacing: 20-100-01029

Servicing: Ford, Mazda, Volvo

 B+ M8, Total length 200.30,  
 Gear type GR, Mount. holes 3 (2)

B: 14.00 mm


**113909** Starter 12 V, 2.2 kW

Replacing: 20-100-01031

Servicing: Ford

 B+ M8, Total length 218.00,  
 Gear type GR, Mount. holes 2 (0)

B: 15.50 mm

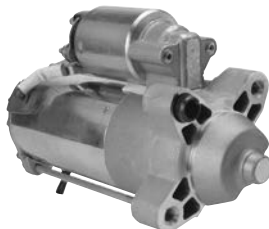

**113910** Starter 12 V, 1.4 kW

Replacing: 20-100-01034, 20-100-01014

Servicing: Ford

 B+ M8, Total length 209.00,  
 Gear type GR, Mount. holes 3 (3)

A: 76.00 B: 15.00 mm


**113911** Starter 12 V, 2.2 kW

Replacing: 20-100-01036

Servicing: Ford, Volvo

 B+ M8, Total length 243.50,  
 Gear type GR, Mount. holes 3 (3)

A: 62.50 B: -5.95 mm



11


**110511#** Starter 24 V, 4.0 kW

Replacing: AZK5539, 11.139.156

Servicing: Fortschritt, IFA

 B+ M10, Total length 378.50,  
Gear type DD

A: 75.00 B: 37.00 mm



9


**110512** Starter 24 V, 5.4 kW

 Replacing: BNG4/24CRS163, BNG4/24CR231,  
BNG4/24, 0001416054, 0001416047,  
0001416024, 0001416022, 0001415002

 Servicing: Ahlmann, Irmer, Mercedes-Benz,  
Various Agriculture Vehicles

 B+ M10, Total length 384.00,  
Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm



9


**110601** Starter 24 V, 5.4 kW

 Replacing: BNG4/24CRS165SR,  
BNG4/24CR165SR, 0001416013, 0001415010,  
0001414017, 0001410030, 0001410029

Servicing: Mercedes-Benz, Steyr

 B+ M10, Total length 384.25,  
Gear type DD, Mount. holes 3 (0)

A: 88.85 B: 47.50 mm



10


**111350#** Starter 12 V, 3.0 kW

Replacing: AZJ3124, AZAJ3124, 11.130.436

Servicing: Belarus

 B+ M10, Total length 337.45,  
Gear type DD, Clutch type Dry,  
Mount. holes 3 (0)

A: 99.70 B: 32.50 mm



10


**113431#** Starter 12 V, 3.0 kW

Replacing: AZJ3229, 11.130.685

Servicing: Belarus

 B+ M10, Total length 338.00,  
Gear type DD, Mount. holes 3 (0)

A: 101.00 B: 30.00 mm



10


**113737** Starter 12 V, 0.2 kW

Replacing: PN0001A

Servicing: Lombardini

 B+ M6, Total length 180.50,  
Gear type DD, Clutch type Dry,  
Mount. holes 2 (0)

A: 68.25 B: 14.00 mm


**110345#** DC Motor 24 V, 3.0 kW

Replacing: 24MC4TWA, 24MC42TWA, 1124-2, 1124, AMK3633, 11.212.306

Pulley w/o, Length 225.80, Not Insulated return


**110429** DC Motor 12 V, 2.0 kW

Replacing: AMJ5632, 11.212.066, 19024660, 19024654

Pulley w/o, Length 174.00, Not Insulated return


**111091** DC Motor 24 V, 2.2 kW

Replacing: 0136355081, 24MB22TWA, 24MB22M, 24MB21TWA, 24MB21M, 24MB1TWA, 24M1TP13, 1024, AMJ5592, 11.212.417, 19024678

Pulley w/o, Length 195.60, Insulated return


**111092** DC Motor 12 V, 2.0 kW

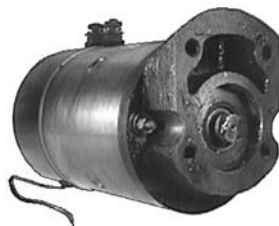
Replacing: 0136355080, 12MB1WA, 12MB1TWA, 12MB1CWA, 12MB12TWA, 12MB12M, 12MB11TWA, 12MB11M, 12M1TP13, 1012, AMJ5991, AMJ5591, AMJ5272, 11.212.957, 11.212.416, 19024706

Pulley w/o, Length 195.45, Insulated return


**111207#** DC Motor 24 V, 1.5 kW

Replacing: 0136355072, 1572

Pulley w/o, Length 189.50, Insulated return


**111466** DC Motor 24 V, 1.5 kW

Replacing: 0136355067, 0136355061, 0136355057, 0136355042, 0136355038, 0136355037, 0136355014, 0136355012, 1424, 11.214.057, 11.212.001,

Servicing: Volvo

Pulley w/o, Length 200.40, Not Insulated return


**111852#** DC Motor 12 V, 3.0 kW

Replacing: 1612

Length 252.00


**111853#** DC Motor 24 V, 3.0 kW

Replacing: 24MC42THWA, 1624

Length 252.00

*Remember ground wire to temp. sensor.*

**111861** DC Motor 12 V, 1.3 kW

Replacing: MKW4007, MGL4105, FPOR4001, 462415, SM48826, MM48826, M0551046A,

Pulley w/o, Length 175.00, Not Insulated return


**112311** DC Motor 12 V, 2.1 kW

Replacing: 0136350013, AMJ5667, 11.212.108, MUE6102S

Pulley w/o, Length 196.75, Insulated return


**112317** DC Motor 12 V, 2.0 kW

Replacing: 11.212.622, 47044616, 47044608, 47044605, MFX7012, MFX4005, MFX4004, MFX4001, MF7034, MDY7066, MDY7061, MDY7055, MDY7040, MDY7039, MDY7037, 19024743, 19024730, M11C40

Pulley w/o, Length 191.00, Not Insulated return


**112318** DC Motor 24 V, 2.5 kW

Replacing: 11.212.619, 47044617, 47044606, MHX4001, MHJ7024, MHJ7005, MHJ7003, MDF7024, 19024732, 19024731

Pulley w/o, Length 191.25, Not Insulated return



**112487** DC Motor 24 V, 2.5 kW  
 Replacing: AMJ5690, 11.212.169, 19024713, 19024709, 19024688  
 Pulley w/o, Length 191.00, Not Insulated return



**112573** DC Motor 12 V, 1.6 kW  
 Replacing: AMJ5705, AMJ5666, AMJ5175, 11.216.117, 11.212.609, 11.212.107  
 Pulley w/o, Length 173.00, Not Insulated return



**112574** DC Motor 12 V, 1.6 kW  
 Replacing: AMJ4761, AMJ4635, 11.216.273  
 Pulley w/o, Length 230.00, Not Insulated return



**112575** DC motor 24 V, 2.0 kW  
 Replacing: 0136501074, AMJ4762, AMJ4636, 11.212.450  
 Pulley w/o, Length 226.50, Not Insulated return



**112576#** DC Motor 12 V, 1.6 kW  
 Replacing: AMJ5110, 11.212.516  
 Pulley w/o, Length 185.00, Not Insulated return



**112577** DC Motor 12 V, 1.8 kW  
 Replacing: MBJ6304, MBJ6202, MBJ6201, MBJ4407, MBJ4402, MBJ4209, MBJ4202, MBJ4201, 46-4157  
 Pulley w/o, Length 211.00, Not Insulated return  
 Shaft 19.00 mm. Thread on thru bolts: 3/8 UNFx22.50 mm.



**112864** DC Motor 24 V, 0.8 kW  
 Replacing: 19024729  
 Pulley w/o, Length 175.00



**113666** DC Motor 24 V, 2.2 kW  
 Replacing: AMJ5730, AMJ5511, AMJ5176, 11.216.257, 11.212.610, 11.212.212  
 Pulley w/o, Length 173.00, Not Insulated return



**113852#** DC Motor 72 V, 5.0 kW  
 Replacing: 0136603002, AMT4630, 24MD22STWAZ, 104024Z, 104012Z  
 Pulley w/o, Length 310.00 Hydraulic.



**114858** DC Motor 24 V, 2.0 kW  
 Replacing: 24MD22STWAZ  
 Servicing: Various Industrial applications  
 Length 193.00



**114862** DC motor 24 V, 2.0 kW  
 Replacing: 24MD22TWA, 104024  
 Servicing: Various Industrial applications  
 Length 179.80



**114863** DC motor 24 V, 2.0 kW  
 Replacing: 24MD22TVR2, 24MD22TVR1, 24MD22TVR, 1500VB  
 Servicing: Various Industrial applications  
 Length 181.66



**110060** Dynastarter 12 V, 11 Amp  
0.9 kW

Replacing: 0010300100, 0010300006,  
0010300004, 0010300002, 19025600

Servicing: Albin, BCS, Goldoni, Lombardini

Pulley w/o, Length 236.50

Regulator: HC-CARGO 235781. Solenoid: HC-CARGO 133695.



**110061** Dynastarter 12 V, 11 Amp,  
0.9 kW

Replacing: 0010350102, 0010350005,  
0010300101, 0010300003, 0010300001,  
19025602

Servicing: BCS, Ferrari

Pulley w/o, Length 237.00, Not Insulated  
return

Regulator: HC-CARGO 235781. Solenoid: HC-CARGO 133695.



**113144** Dynastarter 12 V, 23 Amp  
0.7 kW

Replacing: GSB107-04C, GSB107-04A,  
GSB107-01A, GSB107-01

Servicing: Club Car, EZ-GO

Pulley w/, Length 247.00, Not Insulated  
return

Regulator: HC-CARGO 233625.



**113145** Dynastarter 12 V, 15 Amp  
0.75 kW

Replacing: GSB107-06F, GSB107-06E, GSB107-06

Servicing: John Deere

Pulley w/o, Length 241.50, Not Insulated  
return

Regulator: HC-CARGO 233625.



**113146** Dynastarter 12 V, 15 Amp  
0.75 kW

Replacing: GSB107-10C, GSB107-10B

Servicing: Yanmar

Pulley w/o, Length 240.00, Not Insulated  
return

Regulator: HC-CARGO 233625.



**113147** Dynastarter 12 V, 23 Amp  
0.7 kW

Replacing: GSB107-06B

Servicing: gsb107-06b, Yanmar

Pulley w/o, Length 248.00, Not Insulated  
return

Regulator: HC-CARGO 233625.



**113148** Dynastarter 12 V, 23 Amp  
0.75 kW

Replacing: 1018294-01

Servicing: Club Car

Pulley w/, Length 247.00, Not Insulated  
return

Regulator: HC-CARGO 233625.



**111862** Tilt/ Trim Motor 12 V  
 Replacing: 111862  
 Servicing: Mercury  
 Length 172.00



**111863** Tilt/ Trim Motor 12 V  
 Replacing: ETK4102, 40-259  
 Servicing: OMC  
 Pulley w/o, Length 171.00, Not Insulated return



**111864** Tilt/ Trim Motor 12 V  
 Replacing: EVC4002  
 Servicing: OMC  
 Length 132.00



**112152#** Tilt/ Trim Motor 12 V  
 Replacing: 112152  
 Servicing: Mercury  
 Complete w/ oildyne pump.



**112153#** Tilt/ Trim Motor 12 V  
 Replacing: 112153  
 Servicing: Mercury  
 Complete w/ oildyne pump.



**112562#** Tilt/ Trim Motor 12 V,  
 25 Amp0,2 kW  
 Replacing: EVD4002, EVD4001, 40-416, 40-393  
 Servicing: OMC  
 Pulley w/o, Length 155.00  
 3 wire.



# Application list

Edition 2015/2016







Application list

<b>ABG</b>										
<b>INDUSTRY</b>										
Various Models							02.68-	12.90	110523	24 4.8
							04.68-	08.82	110536	12 2.7
							05.76-	12.90	113464	24 4.0
<b>AC</b>										
<b>PASSENGER CARS EU</b>										
ME 3000 3.0		[L06]	01.79-	12.86	111515	14 70				
<b>ACME</b>										
<b>MOTORS</b>										
Various Models			01.79-						112034	12 1.7
<b>Acura</b>										
<b>PASSENGER CARS EU</b>										
Legend 3.2		[C32A]					08.91-	08.96	112986	12 1.4
		[C32A2]					08.91-	08.96	112986	12 1.4
<b>PASSENGER CARS US</b>										
CL 2.2		[F22B1]					01.97-		113398	12 1.6
CL 3.0		[J30A1]					01.98-	01.01	113392	12 1.6
EL 1.6		[D16V8]					01.97-		113399#	12 1.0
Integra 1.6 LS		[D16A1]					01.86-	01.89	111442	12 1.4
Integra 1.6 LS Special Edition		[D16A1]					01.87-		111442	12 1.4
Integra 1.6 RS		[D16A1]					01.86-	01.89	111442	12 1.4
Integra 1.6 SE		[D16A1]					01.88-		111442	12 1.4
Integra 1.8 Type-R		[B18C5]	01.97-		113094#	14 90				
Integra 1.8 GS		[B18B1]	01.97-	01.01	113094#	14 90				
Integra 1.8 GSR		[B18C1]	01.98-	01.01	113094#	14 90				
Integra 1.8 LS		[B18B1]	01.98-	01.01	113094#	14 90				
Integra 1.8 RS		[B18B1]	01.98-	01.99	113094#	14 90				
Legend 2.5		[C25A1]					01.86-	01.87	111546#	12 1.6
Legend 2.5 L		[C25A1]					01.87-		111546#	12 1.6
Legend 2.7		[C27A1]					01.87-	01.90	111546#	12 1.6
Legend 2.7 L		[C27A1]					01.87-	01.90	111546#	12 1.6
Legend 2.7 LS		[C27A1]					01.87-	01.90	111546#	12 1.6
NSX 3.0		[C30A1]					01.98-	01.01	113392	12 1.6
NSX 3.0 T		[C30A1]					01.98-	01.99	113392	12 1.6
RL 3.5		[C35A1]	01.96-	01.04	113433	14 110				
SLX 3.2		[6VD1]	01.96-	01.97	112986		01.96-	01.97	112986	12 1.4
SLX 3.5		[6VE1]					01.98-	01.99	112986	12 1.4
TSX 2.4		[K24A2]					01.04-	01.05	113821	12 1.6
<b>PASSENGER CARS AO</b>										
CL 3.0 V6		[J30A1]					01.98-	09.00	113392	12 1.6
RL 3.5 V6		[C35A2]	01.96-	09.00	113433	14 110				
		[C35A5]	10.00-	09.04	113433	14 110				
TSX 2.4 VTEC		[K24A2]					10.03-	01.05	113821	12 1.6
<b>Agco Allis</b>										
<b>AGRICULTURE</b>										
8745		[4-268]					01.98-	01.00	110615	12 2.8
8765		[4-268]					01.98-	01.00	110615	12 2.8
8775		[6-402]					01.98-	01.00	110615	12 2.8
8785		[6-402]					01.98-	01.00	110615	12 2.8
<b>AGCO POWER ( SISU DIESEL )</b>										
<b>MOTORS</b>										
									114266	24 4.0
<b>Agco White</b>										
<b>AGRICULTURE</b>										
6124		[Cummins 6-359]					01.94-	01.97	113452	12 2.5
6125		[Cummins 6-359]					01.93-	01.97	113452	12 2.5
6144		[Cummins 6-359]					01.94-	01.97	113452	12 2.5
6145		[Cummins 6-359]					01.93-	01.97	113452	12 2.5
6410 3.9		[Cummins]					01.98-	01.00	110615	12 2.8
6510 3.9		[Cummins]					01.98-	01.00	110615	12 2.8
6710		[Cummins 6-359]					01.98-	01.00	110615	12 2.8
6810		[Cummins 6-359]					01.98-	01.00	110615	12 2.8
8310		[Cummins 6-359]					01.98-	01.00	113452	12 2.5
8410		[Cummins 6-359]					01.98-	01.00	113452	12 2.5
<b>AgriFull</b>										
<b>AGRICULTURE</b>										
Various Models			08.83-		111662	14 33	01.85-		110529	12 3.0
			01.80-		110899	14 33	09.80-		110813	12 2.7
<b>Ahlmann</b>										
<b>INDUSTRY</b>										
Various Models							07.82-		110512	24 5.4
							01.68-	01.80	110523	24 4.8
<b>Aixam</b>										
<b>PASSENGER CARS EU</b>										
400 0.05			01.00-		110620	14 35				
<b>Albin</b>										
<b>MARINE</b>										
Various Models			03.68-		110060	AD-21				
			12.77-		111166	14 70 AD.21				
<b>Alfa Romeo</b>										
<b>PASSENGER CARS EU</b>										
159 2.0 JTDM		[844A2.000]	05.09-		114493	14 100				
		[939B3.000]	05.09-		114493	14 100				
		[939B4.000]	06.10-		114493	14 100				
166 2.4 JTD		[841M.000]	10.03-	06.07	113336	14 120	10.03-	06.07	113430	12 1.8
		[841N.000]	10.03-	06.07	113336	14 120				
1750 1.8 Berlina		[AR00548]	09.71-		110887	14 45				
2000 2.0		[AR10520]	07.73-	12.77	110887	14 45				



Alfa 145 1.4 i.e. 16V	[AR33503]	12.96- 01.01	113942	14	100	12.96- 02.99	111685	12	1.4
		AC 12.96- 01.01	111409	14	100				
	[AR38501]	12.96- 01.01	113942	14	100	12.96- 01.01	111685	12	1.4
		ACPS 12.96- 01.01	111409	14	100				
Alfa 145 1.6 i.e.	[AR33201]	AC 10.94- 11.98	111409	14	100				
Alfa 145 1.6 i.e. 16V	[AR38201]	12.96- 01.01	113942	14	100	12.96- 01.01	111685	12	1.4
	[AR67601]	12.96- 01.01	111409	14	100	01.97- 01.00	111685	12	1.4
		12.96- 01.01	113942	14	100				
Alfa 145 1.8 i.e. 16V	[AR32201]	03.98- 01.01	113942	14	100	03.98-	111685	12	1.4
		AC 03.98-	111409	14	100				
	[AR38401]	12.96- 12.98	113942	14	100	12.96- 12.98	111685	12	1.4
	[AR67106]	12.96- 12.98	113942	14	100	01.97- 01.99	111685	12	1.4
		AC 12.96-	111409	14	100				
Alfa 145 1.9 JTD	[AR32302]	02.99- 01.01	113943	14	100 A47	02.99-	113430	12	1.8
Alfa 145 1.9 TD	[AR33601]	10.94-	112688	14	95	10.94-	112125#	12	2.2
		AC 11.96-	112771	14	90				
	[AR67501]	10.94-	112688	14	95	10.94- 02.99	113430	12	1.8
		AC 11.96-	112771	14	90	10.94-	112125#	12	2.2
Alfa 145 2.0 16V	[AR32301]	03.98-	111409	14	100	03.98-	111685	12	1.4
		03.98- 01.01	113942	14	100				
Alfa 145 2.0 Twin Spark i.e. 16V	[AR67204]	10.94- 01.01	111409	14	100	10.94-	111685	12	1.4
		AC 10.94- 01.01	111409	14	100				
Alfa 146 1.4 i.e. 16V	[AR33503]	11.96- 01.01	113942	14	100 63111027	12.96- 02.99	111685	12	1.4
		AC 11.96- 01.01	111409	14	100				
	[AR38501]	11.96- 01.01	113942	14	100	11.96- 01.01	111685	12	1.4
Alfa 146 1.6 i.e.	[AR33201]	AC 12.94- 12.96	111409	14	100				
Alfa 146 1.6 i.e. 16V	[AR38201]	11.96- 01.01	113942	14	100	11.96- 01.01	111685	12	1.4
	[AR67601]	11.96- 01.01	111409	14	100	01.97- 01.00	111685	12	1.4
		11.96- 01.01	113942	14	100				
Alfa 146 1.8 i.e. 16V	[AR38401]	11.96- 01.01	113942	14	100	11.96- 01.01	111685	12	1.4
	[AR67106]	11.96- 01.01	111409	14	100	01.97- 01.99	111685	12	1.4
		11.96- 01.01	113942	14	100				
Alfa 146 1.8 Twin Spark i.e. 16V	[AR32201]	11.96- 01.01	111409	14	100	03.98- 01.01	111685	12	1.4
		03.98- 01.01	113942	14	100				
Alfa 146 1.9 JTD	[AR32302]	02.99-	113943	14	100 A47	02.99-	113430	12	1.8
Alfa 146 1.9 TD	[AR33601]	12.94-	112688	14	95	10.94-	112125#	12	2.2
		AC 11.96-	112771	14	90				
	[AR67501]	12.94-	112688	14	95	10.94-	112125#	12	2.2
		AC 11.96-	112771	14	90				
Alfa 146 2.0 16V	[AR32301]	03.98-	111409	14	100				
		03.98- 01.01	113942	14	100				
Alfa 146 2.0 Twin Spark 16V	[AR67204]	10.94-	111409	14	100	10.94-	111685	12	1.4
		10.95- 01.01	113942	14	100				
Alfa 147 1.6 Twin Spark 16V	[AR32104]	01.01-	113942	14	100	01.01-	111685	12	1.4
		AC 11.00-	111409	14	100				
	[AR37203]	01.01-	113942	14	100	01.01-	111685	12	1.4
		AC 11.00-	111409	14	100				
Alfa 147 1.9 JTD	[182B9.000]	06.03-	113336	14	120				
	[937A2.000]	11.00-	113336	14	120	04.01-	113931	12	1.7
						04.01-	113430	12	1.8
Alfa 147 1.9 JTD 16V	[192A5.000]	11.02-	113943	14	100 A47				
	[192B1.000]	10.04-	113943	14	100 A47				
	[937A4.000]	09.03- 09.04	113943	14	100 A47				
Alfa 147 1.9 JTDM	[937A6.000]	06.08-	113943	14	100 A47				
Alfa 147 1.9 JTDM 16V	[937A5.000]	07.05-	113943	14	100 A47	07.05-	113430	12	1.8
	[939A7.000]	10.04- 03.10	113943	14	100 A47	10.04- 03.10	113931	12	1.7
Alfa 147 1.9 JTDM 8V	[937A3.000]	07.05-	113943	14	100 A47	07.05-	113931	12	1.7
Alfa 147 2.0 Twin Spark 16V	[AR32310]	11.00-	111409	14	100	01.01-	111685	12	1.4
		01.01-	113942	14	100				
Alfa 147 3.2 GTA	[932A.000]	02.03-	113836	14	120				
Alfa 155 1.6 Twin Spark	[AR67601]	05.96- 01.98	113942	14	100	05.96-	111685	12	1.4
		AC 12.95-	111409	14	100				
Alfa 155 1.7 Twin Spark 16V	[AR67106]	05.96- 12.97	113942	14	100				
		AC 05.96- 12.97	111409	14	100				
Alfa 155 1.8 Twin Spark	[AR67402]	02.92- 12.97	113942	14	100				
		AC 05.96- 12.97	111409	14	100				
Alfa 155 1.9 TD	[AR67501]	04.93-	111620	14	65	04.93- 04.96	112125#	12	2.2
		04.93- 04.96	112688	14	95				
		04.93- 04.96	112771	14	90				
Alfa 155 2.0 Turbo 16V 4x4	[AR67203]	ACPS 03.93- 04.96	112540#	14	100	01.95- 04.96	110854	12	1.4
Alfa 155 2.0 Turbo 16V Q4	[AR67203]	ACPS 03.93- 04.96	112540#	14	100	01.95- 04.96	110854	12	1.4
		A12 01.92- 12.97	112540#	14	100				
Alfa 155 2.0 Twin Spark 16V	[AR67204]	03.95- 12.97	111409	14	100	07.95-	111685	12	1.4
Alfa 155 2.5 TD	[VM07B]					04.93- 04.96	112454	12	2.2
	[VM31B]					04.93- 12.97	112454	12	2.2
Alfa 156 1.6 Twin Spark 16V	[AR32102]	09.97-	113536	14	90				
		09.97- 09.05	113942	14	100				
		AC 09.97-	111409	14	100				
	[AR32103]	09.97-	113536	14	90	08.00-	111685	12	1.4
		09.97- 09.05	113942	14	100				
		AC 09.97-	111409	14	100				
	[AR32104]	09.97-	113536	14	90	08.00-	111685	12	1.4
		09.97- 05.06	113942	14	100				
		AC 09.97-	111409	14	100				
	[AR67601]	09.97- 09.05	113942	14	100	09.97- 09.00	111685	12	1.4
	AC 09.97-	111409	14	100					

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



**ALFA ROMEO** *Continued*

Alfa 156 1.8 Twin Spark 16V	[AR32201]	09.97- 10.00	113942	14 100	09.97- 10.00	111685	12 1.4
		10.97-	111409	14 100			
		ACPS 10.97-	111409	14 100			
		AC 05.00- 10.00	111409	14 100			
Alfa 156 1.9 JTD	[937A2.000]	10.00- 05.06	113942	14 100	10.00-	111685	12 1.4
		AC 10.00-	111409	14 100			
Alfa 156 1.9 JTD 16V Q4	[937A5.000]	07.04-	113987	14 140	03.02-	111685	12 1.4
		09.97- 10.00	111409	14 100			
		09.97- 10.00	113942	14 100			
		09.97- 10.00	113943	14 100 A47			
Alfa 156 2.0 JTS	[937A1.000]	10.00- 05.01	113943	14 100 A47	10.00-	113430	12 1.8
		07.04-	113987	14 140			
Alfa 156 2.0 Twin Spark 16V	[AR32301]	09.97- 10.00	111409	14 100	09.97- 10.00	111685	12 1.4
		09.97- 10.00	113942	14 100			
		10.00-	111409	14 100			
		10.00- 03.02	113942	14 100			
Alfa 156 2.4 JTD	[839A6.000]	10.00-	113430	14 100	10.00- 05.06	113430	12 1.8
		10.00- 05.06	113942	14 100			
		AC 10.00-	111409	14 100			
		[841G.000]	10.03-	113336			
Alfa 156 2.5 V6 24V	[AR32401]	09.97- 10.00	113848#	14 120	03.02-	111685	12 1.4
		10.00- 09.05	113836	14 120			
Alfa 156 3.2 GTA	[932A.000]	03.02- 05.06	113836	14 120	03.02-	111685	12 1.4
		10.00- 09.05	113836	14 120			
Alfa 159 1.8 MPI	[939A4.000]	03.07-	114431	14 120	03.07-	114298	12 1.1
Alfa 159 1.9 JTS	[939A6.000]	09.05-	114829*	14 120	09.05-	115360*	12 1.4
Alfa 159 1.9 JTDM 16V	[937A8.000]	09.05-	114204	14 120	09.05-	113931	12 1.7
		03.06-	113996	14 140			
		03.06-	114493	14 100			
		09.05-	113996	14 140			
Alfa 159 1.9 JTDM 8V	[937A7.000]	09.05-	114204	14 120	03.06-	113931	12 1.7
		09.05-	114204	14 120			
		09.05-	114493	14 100			
		09.05-	113996	14 140			
Alfa 159 2.2 JTS	[939A5.000]	09.05-	114204	14 120	09.05-	113931	12 1.7
		09.05-	114204	14 120			
		09.05-	114493	14 100			
		09.05-	113996	14 140			
Alfa 159 2.4 JTDM	[939A3.000]	09.05-	114829*	14 120	09.05-	115360*	12 1.4
Alfa 164 2.0 Turbo	[AR06476]	01.88- 09.92	112453	14 85	01.88- 09.92	112455	12 1.4
		A12 10.87- 09.98	112453	14 85			
Alfa 164 2.5 TD	[VM08B]				09.92- 10.98	112454	12 2.2
		[VM84A]					
Alfa 166 2.0 Twin Spark	[AR34103]	10.00-	113536	14 90	09.98-	111685	12 1.4
		09.98- 02.00	111409	14 100			
		09.98- 10.00	113942	14 100			
		10.00-	111409	14 100			
Alfa 166 2.0 V6	[AR36301]	10.00-	113536	14 90	10.00-	111685	12 1.4
		10.00-	113942	14 100			
		10.00-	113536	14 90			
		10.00-	113942	14 100			
Alfa 166 2.4	[841G.000]	10.00-	113536	14 90	10.00-	111685	12 1.4
		09.98-	113848#	14 120			
Alfa 166 2.4 JTD	[841H.000]	10.03-	113430		10.00-	113430	12 1.8
		10.00-	113942	14 100			
		AC 10.00-	111409	14 100			
		[841M.000]	07.05-	113942			
Alfa 166 2.5 V6 24V	[839A6.000]	07.05-	113942	14 100	09.98-	111685	12 1.4
		09.98-	111409	14 100			
		09.98- 10.00	113942	14 100			
		[936B.000]	07.05-	113942			
Alfa 166 3.0 V6 24V	[AR34202]	09.98-	111409	14 100	09.98-	111685	12 1.4
		09.98- 10.00	113942	14 100			
Alfa 33 1.2	[AR34201]	10.00-	113836	14 120	09.98-	111685	12 1.4
		09.98- 10.00	113848#	14 120			
Alfa 33 1.3	[AR36201]	10.00-	113836	14 120	09.98-	111685	12 1.4
		10.00-	113836	14 120			
Alfa 33 1.4	[AR34301]	09.98- 10.00	113848#	14 120	10.00-	111685	12 1.4
		10.00-	113836	14 120			
Alfa 33 1.5	[AR36101]	10.00-	113836	14 120	10.00-	111685	12 1.4
		10.00-	113836	14 120			
Alfa 33 1.5 4x4	[936A.000]	06.83- 03.88	110880#	14 45	10.00-	113430	12 1.8
		06.83- 03.88	110880#	14 45			
		06.83- 03.88	110880#	14 45			
		06.83- 03.88	110880#	14 45			
		06.83- 12.89	110880#	14 45			
		06.83- 12.85	110880#	14 45			
		12.86- 12.89	110880#	14 45			
		01.82- 12.93	110880#	14 45			
		06.83- 12.85	110880#	14 45			
		03.88- 12.89	110880#	14 45			
		09.84- 12.87	110880#	14 45			
		06.83- 12.89	110880#	14 45			
Alfa 33 1.5 4x4	[AR30146]	07.86- 12.89	110880#	14 45	10.00-	113430	12 1.8
		09.86- 12.89	110880#	14 45			
		09.84- 12.87	110880#	14 45			
		11.83- 12.84	110880#	14 45			
Alfa 33 1.5 4x4	[AR30182]	03.88- 12.89	110880#	14 45	10.00-	113430	12 1.8
		03.88- 12.89	110880#	14 45			
		03.88- 12.89	110880#	14 45			
		03.88- 12.89	110880#	14 45			



	[AR30514]	01.84- 12.89	110880#	14	45				
	[AR30520]	01.85- 09.86	110880#	14	45				
	[AR30588]	09.86- 12.89	110880#	14	45				
Alfa 33 1.5 i.e.	[AR30750]	07.90- 08.91	110880#	14	45				
Alfa 33 1.5 QV	[AR30146]	06.84- 12.89	110880#	14	45				
	[AR30508]	03.88- 12.89	110880#	14	45				
Alfa 33 1.8 TD	[VM82A]	09.86- 12.89	111686	14	65	09.86- 12.89	112454	12	2.2
	[VM96A]	01.90- 10.94	111620	14	65	07.90- 09.94	112454	12	2.2
		07.90- 09.94	112768	14	55	02.90- 10.94	111645	12	0.4
	[VW82A]	03.88- 12.89	111686	14	65	03.88- 12.89	112454	12	2.2
Alfa 6 2.5 TD	[VM-HR588HT]	07.81- 02.87	110890	14	55				
Alfa 75 1.6	[AR06100]	05.85- 09.89	111153	14	55				
	[AR61101]	05.89- 02.92	111153	14	55				
		A12 05.89- 02.92	111153	14	55				
Alfa 75 1.8	[AR06168]	09.88- 09.89	111153	14	55				
	[AR06202]	06.85- 09.89	111153	14	55				
	[AR61102]	09.88- 09.89	111153	14	55				
Alfa 75 2.0	[AR06212]	05.85- 10.88	111153	14	55				
Alfa 75 2.0 TD	[VM80A]	05.85- 12.89	110890	14	55				
		05.85- 02.92	111686	14	65				
		01.90- 02.92	112768	14	55				
Alfa 75 2.4 TD	[VM81A]	09.88- 12.89	110890	14	55				
		09.88- 02.92	111686	14	65				
		01.90- 02.92	112768	14	55				
Alfa 75 3.0 V6	[AR06124]	A12 01.87- 02.92	111167						
Alfa 90 1.8	[AR06202]	10.84- 01.87	111153	14	55				
Alfa 90 2.0 i.e.	[AR01713]	10.84- 01.87	111153	14	55				
	[AR06212]	10.84- 06.86	111153	14	55				
Alfa 90 2.4 TD	[VM81A]	10.84- 01.87	110890	14	55				
Alfasud 1.2	[AR30102]	05.78- 12.84	110880#	14	45				
	[AR30102S]	03.80- 09.84	110880#	14	45				
	[AR30104]	05.78- 09.84	110880#	14	45				
Alfasud 1.2 Giardinetta	[AR30102]	05.78- 12.81	110880#	14	45				
Alfasud 1.3	[AR30180]	05.78- 12.84	110880#	14	45				
Alfasud 1.3 Giardinetta	[AR30160]	03.80- 12.81	110880#	14	45				
Alfasud 1.3 Sprint	[AR30164]	05.78- 02.80	110880#	14	45				
	[AR30168]	03.80- 12.84	110880#	14	45				
	[AR30184]	09.76- 12.81	110880#	14	45				
Alfasud 1.3 Super	[AR30160]	01.79- 02.80	110880#	14	45				
	[AR30164]	05.78- 02.80	110880#	14	45				
Alfasud 1.3 Ti	[AR30168]	03.80- 12.84	110880#	14	45				
	[AR30184]	05.78- 09.84	110880#	14	45				
Alfasud 1.5	[AR30146]	01.83- 12.87	110880#	14	45				
Alfasud 1.5 Sprint	[AR30124]	03.80- 06.83	110880#	14	45				
	[AR30128]	03.80- 12.84	110880#	14	45				
	[AR30146]	01.83- 12.84	110880#	14	45				
Alfasud 1.5 Ti	[AR30124]	01.81- 06.83	110880#	14	45				
	[AR30128]	03.80- 12.84	110880#	14	45				
Alfasud 1.5 Ti Sprint	[AR30146]	01.83- 12.84	110880#	14	45				
Alfasud 1.7 Sprint	[AR30550]	03.87- 12.89	110880#	14	45				
Alfasud 1.7 i.e. Sprint	[AR30558]	10.87- 12.89	110880#	14	45				
Alfetta 1.6	[AR01600]	05.72- 12.80	110887	14	45				
		07.80- 12.84	111153	14	55				
Alfetta 1.6 GT	[AR01600]	05.76- 12.80	110887	14	45				
Alfetta 1.8	[AR01608]	05.72- 02.80	110887	14	45				
	[AR01608X]	05.72- 02.80	110887	14	45				
	[AR01678]	01.75- 06.80	110887	14	45				
		07.80- 12.84	111153	14	55				
Alfetta 1.8 GT	[AR01608]	07.74- 12.77	110887	14	45				
	[AR01608X]	07.74- 12.77	110887	14	45				
Alfetta 2.0	[AR01623]	03.77- 02.80	110887	14	45				
	[AR01655]	07.78- 06.80	110887	14	45				
		07.80- 12.84	111153	14	55				
	[AR01713]	04.83- 12.84	111153	14	55				
	[AR10520]	07.78- 06.80	110887	14	45				
		07.80- 12.84	111153	14	55				
Alfetta 2.0 GT	[AR01623]	05.76- 02.80	110887	14	45				
		07.80- 01.86	111153	14	55				
	[AR01655]	06.77- 12.80	110887	14	45				
		06.77- 12.84	111153	14	55				
Alfetta 2.0 TD	[VM4HT/2]	10.79- 03.83	110890	14	55				
		10.79- 03.83	111153	14	55				
Alfetta 2.4 TD	[VM4HT2.4]	04.83- 12.84	110890	14	55				
AR 6 1.9 Diesel	[160D100]					04.85- 12.89	110912		
AR 6 2.4 Diesel	[8144.61.200]	04.85- 02.86	110890	14	55				
AR 6 2.4 TD	[8144.21.220]	09.86- 12.89	110890	14	55	09.86- 12.89	113846	12	2.2
AR 6 2.5 Diesel	[8144.67.220]	04.85- 12.89	110890	14	55	03.86- 12.89	110812	12	2.0
AR 8 2.4 Diesel	[8140.21.200D.I.]	04.85- 12.89	110882	14	45	04.85- 12.88	110814	12	2.7
		04.85- 12.88	111418	14	60				
	[8140.61.200]	04.78- 12.89	110882	14	45	04.78- 08.86	110814	12	2.7
		04.85- 12.88	110890	14	55				
AR 8 2.4 TD	[8140.21.200D.I.]	04.85- 12.88	110890	14	55	04.85- 12.89	110814	12	2.7
		04.85- 12.89	111418	14	60				
Arna 1.2	[AR30102]	03.83- 12.86	110880#	14	45				
	[AR30500]	01.85- 12.86	110880#	14	45				
		01.85- 12.86	110890	14	55				
	[AR31000]	09.83- 12.86	110880#	14	45				
Arna 1.3 Ti	[AR30168]	03.83- 12.86	110880#	14	45				
	[AR31010]	03.83- 12.86	110880#	14	45				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



**ALFA ROMEO** *Continued*

Arna 1.5	[AR30182]	09.83- 12.86	110880#	14	45			
		01.85- 12.86	110890	14	55			
Brera 2.0 JTDM	[844A2.000]	03.08-	114493	14	100			
		05.09-	114493	14	100			
Brera 2.2 JTS	[939B3.000]							
	[939A5.000]	01.06-	114829*	14	120	01.06-	115360*	12 1.4
Giulia 1.3 1300 Super	[AR00530]	01.69- 10.78	110887	14	45			
Giulia 1.3 TI	[105_39]	04.69-	110887	14	45			
Giulia 1.6 1600 Super	[AR00526]	09.71- 10.78	110887	14	45			
Giulia 1.6 Super	[AR00526]	06.64- 10.78	110887	14	45			
Giulietta 1.3	[AR01644]	10.77- 06.80	110887	14	45			
		07.80- 04.85	111153	14	55			
Giulietta 1.4 TB	[940A6.000]	04.10-	114806	14	120	04.10-	115312	12 1.1
		04.11-	114806	14	120	04.11-	115312	12 1.1
		04.10-	114806	14	120	04.10-	115312	12 1.1
	[955A8.000]							
	[198A4.000]	12.11-	114806	14	120	12.11-	115312	12 1.1
Giulietta 1.6	[AR01600]	10.77- 06.80	110887	14	45			
		07.80- 04.85	111153	14	55			
Giulietta 1.8	[AR01678]	10.77- 06.80	110887	14	45			
		07.80- 04.85	111153	14	55			
Giulietta 1.8 Turbo	[AR01354]	01.84- 12.85	111153	14	55			
Giulietta 1.9 Turbo	[AR01699]	07.83- 06.84	111153	14	55			
Giulietta 2.0	[AR01655]	06.80- 04.85	111153	14	55			
		06.80- 04.85	111153	14	55			
	[AR11671]							
Giulietta 2.0 TD	[VM4HT]	03.83- 04.85	110890	14	55			
GT 1.3 1300 Junior	[AR00530]	08.66- 12.77	110887	14	45			
GT 1.6 1600	[AR00526S]	08.66- 12.77	110887	14	45			
		01.69- 12.77	110887	14	45			
	[AR00536]							
GT 1.8 TS	[AR32205]					Chas. -VET13873 11.03-	111685	12 1.4
GT 1.9 JTD	[937A5.000]	11.03-	112461	14	150 A47	11.03-	113430	12 1.8
		11.03-	114798	14	150 A46			
	[937A6.000]	05.08-	113943	14	100 A47	05.08-	113931	12 1.7
GT 2.0 JTS	[932A2.000]	12.06-	113536	14	90	Chas. -VET13873 11.03-	111685	12 1.4
						Chas. -VET13873 11.03-	111685	12 1.4
	[937A1.000]							
GTA 3.2	[936A.000]	11.03-	113836	14	120			
GTV 1.8 1750	[AR00548]	01.68- 03.72	110887	14	45			
GTV 1.8 16V	[AR32201]	05.98-	113942	14	100	03.98- 12.00	111685	12 1.4
		AC 05.98-	111409	14	100			
GTV 2.0	[AR01655]	07.78- 06.80	110887	14	45			
		07.80- 01.86	111153	14	55			
		07.78- 06.80	110887	14	45			
		07.80- 01.86	111153	14	55			
	[AR06212]							
GTV 2.0 16V	[AR32301]	08.00-	113536	14	90	05.98- 08.00	111685	12 1.4
		05.98-	111409	14	100			
		05.98- 08.00	113942	14	100			
GT 2.0 JTS	[937A1.000]					Chas. VET7015327 » 04.03-	111685	12 1.4
GT 2.0 Turbo V6	[AR16202]	08.00-	113536	14	90			
GT 2.0 Twin Spark 16V	[AR16201]	06.95-	113942	14	100	04.95- 09.00	111685	12 1.4
		08.00-	113536	14	90	06.00- 06.02	111685	12 1.4
		12.95-	111409	14	100			
	[AR32310]	A12 06.95- 05.98	111409	14	100			
GT 3.0 V6	[AR16105]	10.00-	113848#	14	120			
GT 3.0 V6 24V	[AR16102]	10.96- 10.00	113848#	14	120			
GT 3.2 V6 24V	[936A6.000]	04.03- 12.05	113836	14	120			
Guiletta 1.4 TB	[198A4.000]	04.10-	114806	14	120	04.10-	115312	12 1.1
		04.10-	114806	14	120	04.10-	115312	12 1.1
		04.10-	114806	14	120	04.10-	115312	12 1.1
	[940A2.000]							
	[940B7.000]							
Guiletta 1.6 JTDM	[940A3.000]					A25 04.10-	115399	12 1.4
Mito 1.2 JTDM	[199B4.000]					01.11-	115400	12 1.4
Mito 1.3 JTDM	[199A3.000]	09.08-	113722	14	90			
		10.09-	113722	14	90	10.09-	115400	12 1.4
	[199B1.000]							
Mito 1.4	[199A6.000]	09.08-	114462	14	70	09.08-	113962	12 0.9
		09.08-	114806	14	120	09.08-	113962	12 0.9
						A25 03.11-	115312	12 1.1
						03.11-	113962	12 0.9
		09.08-	114462	14	70	09.08-	113962	12 0.9
						08.10-	115312	12 1.1
		05.11-	114462	14	70	05.11-	113962	12 0.9
				A25 05.11-	115312	12 1.1		
Mito 1.4 TB	[199A8.000]	09.08-	114806	14	120	09.08-	113962	12 0.9
Mito 1.4 TB	[940A2.000]	10.09-	114806	14	120	10.09-	115312	12 1.1
						10.09-	115312	12 1.1
						10.09-	115312	12 1.1
		10.09-	114806	14	120	A25 10.09-	115312	12 1.1
						A25 09.08-	115312	12 1.1
Mito 1.4 Turbo	[198A1.000]					A25 09.08-	115312	12 1.1
						09.08-	113962	12 0.9
Mito 1.4 BiFuel	[198A4.000]	07.11-	114806	14	120	07.11-	113962	12 0.9
						A25 07.11-	115312	12 1.1
Mito 1.6 JTDM	[198A2.000]	09.08-	114493	14	100	09.08-	113931	12 1.7
						A25 09.08-	115399	12 1.4
	[955A4.000]	09.08-	114493	14	100	09.08-	113931	12 1.7
						A25 09.08-	115399	12 1.4
Spider 1.3 1300	[AR00530]	01.68- 10.78	110887	14	45			
Spider 1.6 1600	[AR00526]	05.68- 06.80	110887	14	45			
		07.80- 12.94	111153	14	55			
		09.71- 10.79	110887	14	45			
		01.90- 12.94	111153	14	55			
	[AR00536]							
	[AR01563]							
Spider 1.8 1750	[AR00548]	09.71- 12.72	110887	14	45			
Spider 1.8 16V	[AR32201]	05.98-	111409	14	100	03.98- 12.00	111685	12 1.4
		05.98- 04.05	113942	14	100			



Spider 2.0 2000	[AR00512]	08.00- 01.71- 12.77	113536 110887	14 90 14 45				
	[AR00515]	08.00-	113536	14 90				
		09.71- 06.80	110887	14 45				
		07.80- 12.94	111153	14 55				
	[AR01544]	08.00- 10.81- 12.89	113536 111153	14 90 14 55				
Spider 2.0 2000 Veloce	[AR01588]	08.00-	113536	14 90				
	[AR00515]	08.00-	113536	14 90				
		09.71- 06.80	110887	14 45				
Spider 2.0 16V	[AR32301]	05.98-	111409	14 100	05.98-	111685	12 1.4	
		05.98- 08.00	113942	14 100				
Spider 2.0 JTS	[937A1.000]				Chas. VET7015327 » 04.03-	111685	12 1.4	
Spider 2.0 Twin Spark 16V	[AR16201]	12.95-	111409	14 100	04.95- 09.00	111685	12 1.4	
	[AR32310]	06.95- 04.05	113942	14 100	09.00- 06.02	111685	12 1.4	
Spider 2.0 JTDM	[844A2.000]	04.09-	114493	14 100				
	[939B3.000]	05.09-	114493	14 100				
Spider 2.2 JTS	[939A5.000]	09.06-	114829*	14 120	09.06-	115360*	12 1.4	
Spider 3.0 V6	[AR16105]	01.99- 04.05	113848#	14 120				
Spider 3.0 V6 24V	[AR16102]	01.99- 04.05	113848#	14 120				
Spider 3.2 V6 24V	[936A6.000]	04.03- 02.06	113836	14 120				
<b>PASSENGER CARS US</b>								
Alfa 164 3.0		01.91-	112777	14 115				
Alfa 164 3.0 Sport		01.91- 01.93	112777	14 115				
Alfa 164 3.0 L		01.91- 01.93	112777	14 115				
Alfatta 2.0 Sport		01.75- 01.77	110887	14 45				
Alfatta 2.0 GT		01.75- 01.77	110887	14 45				
Berlina 2.0		01.70- 12.77	110887	14 45				
GT 2.0 Veloce		01.72- 01.74	110887	14 45				
GTV 6 2.5		01.81- 01.86	111153	14 55				
Milano 2.5 Gold		01.87- 01.89	111153	14 55				
Milano 2.5 Platinum		01.87- 01.88	111153	14 55				
Milano 2.5 Silver		01.87-	111153	14 55				
Spider 2.0 Graduate		01.85- 01.90	111153	14 55				
Spider 2.0 Quadrifoglio		01.86- 01.90	111153	14 55				
Spider 2.0 Veloce		01.72- 01.90	110887	14 45				
		01.86-	111153	14 55				
Sport 2.0		01.78- 01.79	110887	14 45				
		01.78- 01.79	111153	14 55				
Sprint 2.0 Veloce		01.77- 01.79	110887	14 45				
		01.77- 01.79	111153	14 55				
<b>PASSENGER CARS AO</b>								
Alfa 147 2.0	[937A1.000]	07.02- 05.05	113942	14 100				
Alfa 156 1.9 JTD	[937A5.000]				03.05	113430	12 1.8	
<b>Allis Chalmers</b>								
<b>AGRICULTURE</b>								
310		01.80- 01.90	110639	14 36	01.80- 12.90	110640	12 3.0	
340		01.80- 01.85	110639	14 36	01.80- 12.85	110640	12 3.0	
350		01.74- 01.89	110639	14 36				
360		01.77- 01.91	110639	14 36	01.77- 01.91	110640	12 3.0	
445		01.74- 01.89	110639	14 36	01.74- 01.89	110640	12 3.0	
460		01.77- 01.91	110639	14 36	01.77- 01.91	110640	12 3.0	
500		01.80- 01.85	110639	14 36	01.80- 01.85	110640	12 3.0	
510		01.79- 01.90	110639	14 36	01.79- 01.90	110640	12 3.0	
610		01.79- 01.90	110639	14 36	01.79- 01.90	110640	12 3.0	
Various Models		01.72- 01.82	112260#	14 80	01.74- 12.75	110491	12 1.4	
		01.86- 01.93	111713	14 105	01.70- 01.83	110615	12 2.8	
		01.75-	110639	14 36	01.74- 01.86	112268	12 2.8	
		01.91-	111419	28 55	01.84- 01.85	110604	12 2.8	
					01.77- 01.97	110640	12 3.0	
Various Models FD 3,5,7,9,10		10.90-	111419	28 55	01.77- 01.83	110813	12 2.7	
Various Models FL 4,7,8,9,10,14,2C		11.70- 07.78	110611	14 44				
		03.86- 01.92	111419	28 55				
		01.73- 06.81	112097	28 30				
Various Models FR 9,10,35,130,160,22C		01.85-	111419	28 55				
<b>Alpina</b>								
<b>PASSENGER CARS EU</b>								
Roadster 4.8 V8	[F5]				06.02-	112553	12 1.7	
<b>AM General</b>								
<b>PASSENGER CARS US</b>								
Hummer 6.2		01.92- 01.94	110500	14 100/105				
Hummer 6.2 2 Passenger		01.92- 01.94	110500	14 100/105				
Hummer 6.2 4 Passenger		01.92- 01.94	110500	14 100/105				
Hummer 6.2 4 Passenger Open top		01.92- 01.94	110500	14 100/105				
Hummer 6.2 Open Body Recruit		01.92- 01.93	110500	14 100/105				
Hummer 6.2 Recruit		01.92- 01.94	110500	14 100/105				
Hummer 6.5 4 Passenger		01.97- 01.97	112893	14 140				
Hummer 6.5 4 Passenger Canvas top		01.97- 01.97	112893	14 140				
Hummer 6.5 4 Passenger Hardtop		01.96- 01.97	112893	14 140				
Hummer 6.5 Turbo 2 Passenger		01.96- 01.97	112893	14 140				
Hummer 6.5 Turbo 4 Passenger		01.96- 01.97	112893	14 140				
Hummer 6.5 Turbo 4 Passenger Canvas top		01.97- 01.97	112893	14 140				
Hummer 6.5 Turbo 4 Passenger Hardtop		01.96- 01.97	112893	14 140				
Hummer 6.5 Turbo 4 Passenger Open top		01.96- 01.96	112893	14 140				



Application list

American Motors									
PASSENGER CARS US									
Ambassador 3.8	01.70-	110075	14	60					
Ambassador 4.2 DPL	01.71-	110408	14	35					
Ambassador 4.7	01.66- 01.67	110075	14	60					
Ambassador 4.8					01.67- 01.69	110509	12	1.4	
Ambassador 4.8 DPL					01.68- 01.69	110509	12	1.4	
Ambassador 4.8 SST					01.68- 01.69	110509	12	1.4	
Ambassador 5.0	01.70-	110075	14	60	01.70-	110509	12	1.4	
Ambassador 5.0 Brougham	01.71- 01.74	110075	14	60	01.71- 01.74	110509	12	1.4	
	01.71- 01.74	110408	14	35					
Ambassador 5.0 DPL	01.70- 01.71	110075	14	60	01.70- 01.71	110509	12	1.4	
Ambassador 5.0 SST	01.70- 01.72	110075	14	60	01.70- 01.72	110509	12	1.4	
Ambassador 5.4	01.62- 01.66	110075	14	60					
Ambassador 5.6					01.67- 01.69	110509	12	1.4	
Ambassador 5.6 DPL					01.68- 01.69	110509	12	1.4	
Ambassador 5.6 SST					01.68- 01.69	110509	12	1.4	
Ambassador 5.9					01.70-	110509	12	1.4	
Ambassador 5.9 Brougham	01.71- 01.74	110075	14	60	01.71- 01.74	110509	12	1.4	
	01.71- 01.74	110408	14	35					
Ambassador 5.9 DPL					01.70- 01.71	110509	12	1.4	
Ambassador 5.9 SST					01.70- 01.72	110509	12	1.4	
Ambassador 6.4					01.68- 01.70	110509	12	1.4	
Ambassador 6.4 DPL					01.69- 01.70	110509	12	1.4	
Ambassador 6.4 SST					01.68- 01.70	110509	12	1.4	
Ambassador 6.6 Brougham	01.71- 01.74	110075	14	60	01.71- 01.74	110509	12	1.4	
	01.71- 01.74	110408	14	35					
Ambassador 6.6 DPL	01.71-	110408	14	35	01.71-	110509	12	1.4	
	01.71-	110075	14	60					
Ambassador 6.6 SST	01.71- 01.72	110075	14	60	01.71- 01.72	110509	12	1.4	
	01.71- 01.72	110408	14	35					
American 3.2	01.60-	110505	14	75					
	01.62- 01.66	110075	14	60					
American 4.8					01.67- 01.67	110509	12	1.4	
American 4.8 440					01.68-	110509	12	1.4	
American 4.8 Rogue					01.68-	110509	12	1.4	
AMX 4.2	01.78- 01.80	110505	14	75	01.78- 01.80	110231	12		
AMX 4.8					01.68- 01.69	110509	12	1.4	
AMX 5.0	01.72- 01.74	110408	14	35	01.72- 01.74	110509	12	1.4	
	01.78- 01.79	110237	14	60	01.78- 01.79	110231	12		
AMX 5.6					01.68- 01.69	110509	12	1.4	
AMX 5.9	01.71- 01.74	110408	14	35	01.70- 01.74	110509	12	1.4	
AMX 6.4					01.68- 01.70	110509	12	1.4	
AMX 6.6	01.71- 01.74	110408	14	35	01.71- 01.74	110509	12	1.4	
Classic 3.2	01.61- 01.62	110505	14	75					
	01.63- 01.64	110075	14	60					
Classic 3.3	01.65- 01.66	110075	14	60					
Concord 2.5	01.80- 01.82	110505	14	75	01.80- 01.82	110414	12		
Concord 2.5 DL	01.80- 01.82	110505	14	75	01.80- 01.82	110414	12		
Concord 2.5 Limited	01.80- 01.82	110505	14	75	01.80- 01.82	110414	12		
Concord 3.8	01.78- 01.79	110505	14	75	01.78- 01.79	110231	12		
Concord 4.2	01.78- 01.83	110505	14	75	01.78- 01.83	110231	12		
Concord 4.2 DL	01.80- 01.83	110505	14	75	01.80- 01.83	110231	12		
Concord 4.2 Limited	01.80- 01.83	110505	14	75	01.80- 01.83	110231	12		
Concord 5.0	01.78- 01.79	110237	14	60	01.78- 01.79	110231	12		
Eagle 2.5	01.83- 01.84	110508	14	78	01.81- 01.83	110414	12		
	01.83- 01.84	110471	14	94					
	01.81- 01.83	110505	14	75					
	01.81- 01.83	110235	14	80					
Eagle 2.5 DL SX4	01.83-	110471	14	94	01.83-	110414	12		
	01.83-	110508	14	78					
	01.83-	110505	14	75					
Eagle 2.5 DL-50	01.81-	110505	14	75	01.81-	110414	12		
	01.81-	110235	14	80					
Eagle 2.5 DL-50 Kammback	01.82-	110235	14	80	01.82-	110414	12		
	01.82-	110505	14	75					
Eagle 2.5 DL-50 SX4	01.81- 01.82	110505	14	75	01.81- 01.82	110414	12		
	01.81- 01.82	110235	14	80					
Eagle 2.5 Kammback	01.82-	110505	14	75	01.82-	110414	12		
	01.82-	110235	14	80					
Eagle 2.5 Limited	01.83- 01.84	110508	14	78	01.81- 01.83	110414	12		
	01.83- 01.84	110471	14	94					
	01.81- 01.83	110235	14	80					
	01.81- 01.83	110505	14	75					
Eagle 2.5 SX4	01.83-	110471	14	94	01.81- 01.83	110414	12		
	01.83-	110508	14	78					
	01.81- 01.83	110235	14	80					
	01.81- 01.83	110505	14	75					
Eagle 4.2	01.80- 01.88	110505	14	75	01.80- 01.88	110231	12		
Eagle 4.2 DL SX4	01.83-	110505	14	75					
	01.83-	110508	14	78					
	01.83-	110471	14	94					
	01.83-	110233	14	63					
Eagle 4.2 DL-50	01.81-	110505	14	75					
	01.81-	110235	14	80					
Eagle 4.2 DL-50 Kammback	01.82-	110505	14	75					
	01.82-	110235	14	80					
Eagle 4.2 DL-50 SX4	01.81- 01.82	110505	14	75					
	01.81- 01.82	110235	14	80					





Eagle 4.2 Kammback	01.82-	110235	14	80				
	01.82-	110505	14	75				
Eagle 4.2 Limited	01.80- 01.87	110505	14	75	01.80- 01.87	110231	12	
Eagle 4.2 SX4	01.81- 01.83	110505	14	75				
	01.81- 01.83	110235	14	80				
Gremlin 3.8 Custom	01.76- 01.78	110505	14	75	01.76- 01.78	110509	12	1.4
Gremlin 4.2	01.76- 01.78	110505	14	75	01.76- 01.78	110509	12	1.4
	01.71- 01.78	110408	14	35				
Gremlin 4.2 Custom	01.76- 01.78	110505	14	75	01.76- 01.78	110509	12	1.4
Gremlin 5.0	01.72- 01.75	110408	14	35	01.72- 01.75	110509	12	1.4
Gremlin 5.0 Custom	01.76-	110237	14	60	01.76-	110509	12	1.4
Hornet 3.8 Sportabout	01.71- 01.77	110408	14	35				
Hornet 4.2	01.71- 01.77	110408	14	35	01.76- 01.77	110509	12	1.4
	01.76- 01.77	110505	14	75				
Hornet 4.2 Sportabout	01.71- 01.77	110408	14	35	01.76- 01.77	110509	12	1.4
	01.76- 01.77	110505	14	75				
Hornet 4.2 SST	01.71- 01.72	110408	14	35				
Hornet 5.0					01.70- 01.77	110509	12	1.4
Hornet 5.0 Sportabout	01.71- 01.77	110408	14	35	01.71- 01.77	110509	12	1.4
Hornet 5.0 SST					01.70- 01.72	110509	12	1.4
Hornet 5.9	01.71- 01.74	110408	14	35	01.71- 01.74	110509	12	1.4
Hornet 5.9 Sportabout	01.72- 01.74	110408	14	35	01.72- 01.74	110509	12	1.4
Hornet 5.9 SST	01.71- 01.72	110408	14	35	01.71- 01.72	110509	12	1.4
Javelin 4.2	01.71- 01.74	110408	14	35				
Javelin 4.2 SST	01.71- 01.72	110408	14	35				
Javelin 4.8					01.68- 01.69	110509	12	1.4
Javelin 4.8 SST					01.68- 01.69	110509	12	1.4
Javelin 5.0					01.70- 01.74	110509	12	1.4
Javelin 5.0 SST					01.70- 01.72	110509	12	1.4
Javelin 5.6					01.68- 01.69	110509	12	1.4
Javelin 5.6 SST					01.68- 01.69	110509	12	1.4
Javelin 5.9					01.70- 01.74	110509	12	1.4
Javelin 5.9 SST					01.70- 01.72	110509	12	1.4
Javelin 6.4					01.68- 01.70	110509	12	1.4
Javelin 6.4 SST					01.68- 01.70	110509	12	1.4
Javelin 6.6	01.71- 01.74	110408	14	35	01.71- 01.74	110509	12	1.4
Javelin 6.6 SST	01.71- 01.72	110408	14	35	01.71- 01.72	110509	12	1.4
Marlin 4.8					01.67- 01.67	110509	12	1.4
Marlin 5.6					01.67- 01.67	110509	12	1.4
Matador 3.8	01.71- 01.74	110408	14	35				
Matador 3.8 Brougham	01.74-	110408	14	35	01.74-	110509	12	1.4
Matador 4.2	01.71- 01.78	110408	14	35				
Matador 4.2 Brougham	01.74-	110408	14	35	01.74-	110509	12	1.4
Matador 5.0	01.71- 01.77	110408	14	35	01.71- 01.77	110509	12	1.4
Matador 5.0 Brougham	01.74-	110408	14	35	01.74-	110509	12	1.4
Matador 5.0 X	01.74-	110408	14	35	01.74-	110509	12	1.4
Matador 5.9	01.71- 01.75	110408	14	35	01.71- 01.78	110509	12	1.4
	01.76- 01.78	110237	14	60				
Matador 5.9 Brougham	01.74-	110408	14	35	01.74-	110509	12	1.4
Matador 5.9 X	01.74-	110408	14	35	01.74-	110509	12	1.4
Matador 6.6	01.71- 01.76	110408	14	35	01.71- 01.76	110509	12	1.4
Matador 6.6 Brougham	01.74-	110408	14	35	01.74-	110509	12	1.4
Matador 6.6 X	01.74-	110408	14	35	01.74-	110509	12	1.4
Pacer 3.8	01.75- 01.78	110408	14	35	01.75- 01.78	110509	12	1.4
Pacer 4.2	01.75- 01.79	110408	14	35	01.75- 01.79	110509	12	1.4
	01.76- 01.79	110505	14	75				
Pacer 4.2 DL	01.80-	110505	14	75	01.80-	110231	12	
Pacer 4.2 Limited	01.80-	110505	14	75	01.80-	110231	12	
Pacer 5.0	01.78- 01.79	110237	14	60	01.78- 01.79	110231	12	
Rambler 4.8					01.69-	110509	12	1.4
Rambler 4.8 440					01.69-	110509	12	1.4
Rambler 4.8 Rogue					01.69-	110509	12	1.4
Rebel 4.8					01.67- 01.67	110509	12	1.4
Rebel 4.8 550					01.68- 01.68	110509	12	1.4
Rebel 4.8 770					01.68- 01.68	110509	12	1.4
Rebel 4.8 SST					01.68- 01.69	110509	12	1.4
Rebel 5.0					01.70-	110509	12	1.4
Rebel 5.0 SST					01.70-	110509	12	1.4
Rebel 5.6					01.67- 01.67	110509	12	1.4
Rebel 5.6 550					01.68- 01.68	110509	12	1.4
Rebel 5.6 770					01.68- 01.68	110509	12	1.4
Rebel 5.6 SST					01.68- 01.69	110509	12	1.4
Rebel 5.9					01.70-	110509	12	1.4
Rebel 5.9 SST					01.70-	110509	12	1.4
Rebel 6.4					01.69- 01.70	110509	12	1.4
Spirit 2.5	01.80- 01.82	110505	14	75	01.80- 01.82	110414	12	
Spirit 2.5 DL	01.80- 01.82	110505	14	75	01.80- 01.82	110414	12	
Spirit 2.5 Limited	01.80-	110505	14	75	01.80-	110414	12	
Spirit 3.8	01.79-	110505	14	75	01.79-	110231	12	
Spirit 4.2	01.79- 01.82	110505	14	75	01.79- 01.82	110231	12	
Spirit 4.2 DL	01.80- 01.83	110505	14	75	01.80- 01.83	110231	12	
Spirit 4.2 GT	01.83-	110505	14	75				
	01.83-	110508	14	78				
	01.83-	110471	14	94				
	01.83-	110233	14	63				
Spirit 4.2 Limited	01.80-	110505	14	75	01.80-	110231	12	
Spirit 5.0					01.79-	110231	12	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





**AMERICAN MOTORS** Continued

Various Models					01.80-	110414	12	
					01.67- 01.77	110509	12 1.4	
					01.68- 01.70	112897	12 1.7	
<b>Arctic Cat</b>								
<b>MOTOR BIKES</b>								
Arctic Cat 700 0.7	[Lombardini]		114411	14 40				
<b>Arona</b>								
<b>MARINE</b>								
Various Models	[AD...]	09.82- 12.88	111662	14 33	02.78- 12.88	113268	12 1.6	
					02.78-	112034	12 1.7	
					07.76- 12.88	112172	12 1.6	
<b>Asia Motors</b>								
<b>PASSENGER CARS EU</b>								
Rocsta 2.2 Diesel 4x4	[R2]				06.93-	110389	12 2.0	
<b>Astra</b>								
<b>INDUSTRY</b>								
BM20M Dumper		01.77- 12.85	112097	28 30				
BM25 Dumper		01.78- 01.82	112097	28 30				
BM304 Dumper		01.82- 01.89	112097	28 30				
MR Dumper		01.77- 12.85	112097	28 30				
<b>Atlas Copco</b>								
<b>MISCELLANEOUS</b>								
PR 425 8.5	[F6L413]	04.80- 12.86	110766	28 27	02.72- 12.86	114437	24 5.4	
ST 35 2.8	[F3L912]				01.73- 12.86	110536	12 2.7	
ST 48 3.8	[F4L912]				02.73- 12.86	110536	12 2.7	
ST 71 5.6	[F6L912]				02.73- 12.86	113467	12 3.7	
ST 95 5.6	[BF6L912]				03.73- 12.86	113467	12 3.7	
STS 35 2.8	[F3L912]				02.73- 12.86	110536	12 2.7	
STS 48 3.8	[F4L912]				02.73- 12.86	110536	12 2.7	
STS 71 5.6	[F6L912]				02.73- 12.86	113467	12 3.7	
STS 95 5.6	[BF6L912]				02.73- 12.86	113467	12 3.7	
Various Models			110801	28 45	01.75-	110615	12 2.8	
						113269	12 3.0	
					01.75-	110460	12 2.8	
					01.75-	111737	12 2.8	
					08.74- 12.84	111004	12 2.4	
					08.69- 12.79	113467	12 3.7	
					01.95-	113478	12 2.8	
					08.78- 12.84	110536	12 2.7	
<b>Audi</b>								
<b>PASSENGER CARS EU</b>								
50 1.1	[HB]	08.74- 07.78	110360	14 45				
	[HC]	08.74- 07.77	110360	14 45				
50 1.3	[HH]	08.77- 08.78	110360	14 45				
60 1.5					10.68- 09.73	110997	12 0.8	
80 1.3	[EP]	08.81- 07.83	111139	14 75	08.81- 07.86	110865	12 0.95	
		08.81- 07.83	111652#	14 65				
		08.81- 07.83	111653	14 45				
		08.83- 07.85	110919	14 70				
	[FY]	09.78- 07.81	110913	14 70				
		01.80- 07.81	110360	14 45				
	[FZ]	09.78- 07.81	110360	14 45				
		09.78- 07.81	110913	14 70				
80 1.4	[SE]	08.87- 08.91	112149	14 65	08.86- 08.91	112321	12 1.1	
80 1.6	[ABB]	08.90- 10.91	111094	14 65	AT 08.90- 10.91	110865	12 0.95	
					08.90- 10.91	112321	12 1.1	
	[ABM]	09.91- 01.92	112149	14 65	01.92- 01.96	112321	12 1.1	
		01.92- 01.96	112712#	14 90				
	Chas. 8C-P-000001-	01.92- 01.96	112712#	14 90				
	[DT]	08.83- 07.85	110919	14 70				
		08.85- 07.86	112149	14 65				
	[PP]	08.87- 09.91	112149	14 65	08.87- 08.91	112321	12 1.1	
	[RN]	09.86- 08.91	112149	14 65	09.86- 08.91	112321	12 1.1	
	[SA]	02.86- 07.86	112149	14 65				
	[WV]	08.78- 07.86	111652#	14 65	08.81- 07.83	110865	12 0.95	
		08.80- 07.83	111653	14 45				
	[YN]	08.78- 07.80	110911	14 55				
		08.78- 07.86	111652#	14 65				
		08.80- 07.83	111653	14 45				
	AC 08.78- 07.80	111139	14 75					
	[YP]	08.78- 07.80	110911	14 55				
		08.80- 02.83	111139	14 75				
		08.80- 02.83	111652#	14 65				
		08.80- 02.83	111653	14 45				
	AC 08.78- 07.80	111139	14 75					
	[YT]	09.78- 07.79	110911	14 55				
	[YY]	09.78- 07.79	110911	14 55				
		02.79- 07.81	111652#	14 65				
80 1.6 E	[ADA]	06.93- 01.96	112712#	14 90	06.93- 01.96	112321	12 1.1	
80 1.6 GLE	[YZ]	01.79- 07.80	110911	14 55				
		08.80- 06.82	111139	14 75				
		08.80- 06.82	111652#	14 65				
	AC 01.79- 07.80	111139	14 75					
80 1.6 GTE	[YS]	01.76- 07.76	111139	14 75				
80 1.6 Diesel	[CR]	08.80- 07.85	110767	14 45	04.90- 08.91	111694	12 1.8	
	[JK]	08.82- 07.85	110767	14 45	04.90- 08.91	111694	12 1.8	
		08.85- 08.91	111094	14 65				
		08.85- 08.86	112735	14 45				
		09.86- 08.91	112729	14 90				



80 1.6 TD	[CY]	08.81- 07.85	110767	14 45		04.90- 08.91	111694	12 1.8
		08.81- 07.84	111653	14 45				
		08.84- 05.86	112735	14 45				
		08.85- 05.86	111094	14 65				
		AC 08.81- 07.84	111139	14 75				
	[RA]	09.86- 08.91	111094	14 65		09.86- 08.91	111694	12 1.8
		09.86- 08.91	112729	14 90				
		AC 09.86- 08.91	112729	14 90				
	[SB]	09.86- 08.91	111094	14 65		04.90- 08.91	111694	12 1.8
		09.86- 08.91	112729	14 90				
AC 09.86- 08.91		112729	14 90					
80 1.8	[DS]	01.83- 07.83	111139	14 75		01.83- 08.86	110865	12 0.95
		01.83- 07.83	111652#	14 65				
		08.83- 07.85	110919	14 70				
		08.85- 08.86	112149	14 65				
	[JN]	08.83- 07.85	110919	14 70		01.83- 08.86	110865	12 0.95
		08.85- 08.86	112149	14 65				
	[RU]	10.86- 01.90	112149	14 65		AT 10.86- 01.90	110865	12 0.95
	[SD]	09.87- 07.88	112149	14 65				
	[SF]	02.86- 07.86	112149	14 65		02.86- 07.86	110865	12 0.95
80 1.8 Quattro	[JN]	08.85- 07.88	112149	14 65		08.84- 08.86	110865	12 0.95
	[NE]	08.84- 07.85	110919	14 70		08.84- 08.86	110865	12 0.95
		08.85- 07.88	112149	14 65				
	[SD]	09.86- 10.91	112149	14 65				
	[SF]	09.86- 07.90	112149	14 65				
80 1.8 E	[DZ]	06.86- 08.91	112149	14 65		06.86- 08.86	110865	12 0.95
80 1.8 E Quattro	[DZ]	09.86- 08.91	112149	14 65				
80 1.8 GTE	[DZ]	10.84- 07.85	110919	14 70		01.83- 08.86	110865	12 0.95
		08.85- 08.86	112149	14 65				
	[PV]	03.85- 08.86	112149	14 65		08.85- 08.86	110865	12 0.95
80 1.8 GTE Quattro	[DZ]	08.84- 07.85	110919	14 70		01.83- 08.86	110865	12 0.95
		08.85- 08.86	112149	14 65				
	[PV]	03.85- 08.86	112149	14 65		08.84- 08.86	110865	12 0.95
80 1.8 S	[JN]	09.86- 10.91	112149	14 65				
	[NE]	09.86- 10.91	112149	14 65				
	[PM]	09.86- 10.91	112149	14 65		AT 09.86- 10.91	110865	12 0.95
	[SF]	09.86- 08.91	112149	14 65				
80 1.8 S Quattro	[JN]	09.86- 09.91	112149	14 65				
	[NE]	09.86- 07.88	112149	14 65				
	[PM]	08.90- 09.91	112149	14 65				
80 1.9	[WN]	09.81- 07.83	111139	14 75		09.82- 07.83	111010	12 1.4
						09.81- 07.83	110824#	12 1.1
80 1.9 Diesel	[1Y]	08.89- 08.91	111094	14 65		04.90- 01.96	111694	12 1.8
		08.89- 08.91	112729	14 90				
80 1.9 TD	[AAZ]	09.91- 01.96	111676	14 90		09.91- 01.96	111694	12 1.8
80 1.9 TDi	[1Z]	09.91- 01.96	111676	14 90		09.91- 01.96	111694	12 1.8
80 2.0	[ABK]	09.91- 07.92	111154	14 65		09.91- 01.96	112321	12 1.1
		09.91- 07.92	112149	14 65				
		09.91- 08.92	112798	14 90				
		07.92- 01.96	112712#	14 90				
	[ABT]	09.91- 07.92	112149	14 65		09.91- 01.96	112321	12 1.1
		01.92- 01.96	112712#	14 90				
	[HP]	10.83- 09.84	110919	14 70		10.83- 09.84	111010	12 1.4
	[JS]	10.83- 09.84	110919	14 70		10.83- 09.84	111010	12 1.4
	[AAD]	08.88- 12.91	112149	14 65		AT 10.90- 08.91	110865	12 0.95
80 2.0 Quattro	[3A]	10.90- 08.91	112149	14 65				
	[ABK]	09.91- 10.91	112149	14 65		09.91- 01.96	112321	12 1.1
		10.91- 09.92	112798	14 90				
		09.92- 12.94	112712#	14 90				
	[JS]	08.83- 07.84	110919	14 70		10.83- 07.84	111010	12 1.4
	[AAD]	10.90- 08.91	112149	14 65				
80 2.0 16V	[ACE]	02.93- 01.96	112798	14 90		08.92- 01.96	112321	12 1.1
		Chas. 8C-N-011594- 08.92- 01.96	112798	14 90				
80 2.0 16V E	[6A]	09.91- 07.92	112798	14 90		09.91- 07.92	112321	12 1.1
80 2.0 16V Quattro	[ACE]	08.92- 01.96	112798	14 90		04.92- 01.96	112321	12 1.1
80 2.0 E	[3A]	08.88- 09.91	112149	14 65		AT 08.88- 10.90	110865	12 0.95
80 2.0 E 16V	[6A]	02.92- 07.92	112712#	14 90				
80 2.0 E 16V Quattro	[6A]					09.91- 07.92	112321	12 1.1
80 2.0 E Quattro	[3A]	08.88- 09.90	112149	14 65				
80 2.2	[WE]	10.80- 07.81	110911	14 55		10.80- 08.83	110824#	12 1.1
		10.80- 07.81	111139	14 75		10.80- 08.83	111010	12 1.4
		08.81- 08.83	111652#	14 65				
80 2.2 Quattro	[KK]					08.82- 07.84	111010	12 1.4
	[KL]					08.82- 07.84	111010	12 1.4
80 2.2 S2 Quattro	[ABY]	02.93- 05.95	113867	14 120		02.93- 01.96	111010	12 1.4
80 2.2 RS2 Quattro	[ADU]	03.94- 05.95	113867	14 120		03.94- 01.96	111010	12 1.4
80 2.3	[NG]	09.91- 01.96	112750	14 90		09.91- 01.96	111010	12 1.4
		09.91- 01.96	112777	14 115				
80 2.3 Quattro	[NG]	09.91- 12.94	112750	14 90		09.91- 01.96	111010	12 1.4
		09.91- 12.94	112777	14 115				
80 2.6	[ABC]	07.92- 01.96	112806	14 120		07.92- 01.96	112309	12 1.4
80 2.6 Quattro	[ABC]	06.92- 05.95	112806	14 120		08.92- 01.96	112309	12 1.4
80 2.8	[AAH]	09.91- 01.96	112806	14 120		09.91- 01.96	112309	12 1.4
80 2.8 Quattro	[AAH]	09.91- 05.95	112806	14 120		09.91- 01.96	112309	12 1.4
90 1.6 TD	[CY]	10.84- 07.85	110767	14 45				
		08.85- 01.87	111094	14 65				
		08.85- 01.87	112729	14 90				
		08.85- 01.87	112735	14 45				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

AUDI Continued

	[RA]	04.87- 03.90	111094	14 65	04.87- 09.91	111694	12 1.8
		04.87- 03.90	112729	14 90			
	[SB]	04.89- 09.91	111094	14 65	03.90- 09.91	111694	12 1.8
		04.89- 09.91	112729	14 90			
90 1.8 Super	[ZD]				10.66- 11.71	110997	12 0.8
90 2.0	[HP]				10.84- 03.87	111010	12 1.4
	[JS]				10.84- 03.87	111010	12 1.4
	[PS]				AT 09.87- 10.90	110865	12 0.95
	[SK]				02.86- 03.87	111010	12 1.4
90 2.0 20V	[NM]	08.89- 07.91	112750	14 90	08.89- 07.91	111010	12 1.4
90 2.0 20V Quattro	[NM]	08.88- 09.91	112750	14 90	08.88- 09.91	111010	12 1.4
		08.88- 09.91	112777	14 115			
90 2.2	[HY]				10.84- 03.87	111010	12 1.4
	[KV]				10.84- 03.87	111010	12 1.4
	[KX]				01.85- 03.87	111010	12 1.4
90 2.2 E	[KV]	05.87- 07.91	112750	14 90	04.87- 07.91	111010	12 1.4
		AC 04.87- 07.91	112777	14 115			
90 2.2 E Quattro	[JT]				10.84- 03.87	111010	12 1.4
	[KV]	04.87- 09.91	112777	14 115	10.84- 09.91	111010	12 1.4
		05.87- 09.91	112750	14 90			
90 2.3 E	[NG]	04.87- 07.91	112750	14 90	04.87- 07.91	111010	12 1.4
		03.90- 07.91	112777	14 115			
		AC 04.87- 07.91	112777	14 115			
90 2.3 E 20V	[7A]	08.88- 07.91	112750	14 90	08.88- 07.91	111010	12 1.4
		AC 08.88- 07.91	112777	14 115			
90 2.3 E 20V Quattro	[7A]	06.88- 09.91	112750	14 90	06.88- 09.91	111010	12 1.4
		AC 06.88- 09.91	112777	14 115			
90 2.3 E Quattro	[NG]	04.87- 09.91	112750	14 90	04.87- 09.91	111010	12 1.4
		AC 04.87- 09.91	112777	14 115			
100 1.6	[YV]	08.76- 02.83	111652#	14 65			
		08.76- 02.83	111653	14 45			
100 1.8	[4B]	01.88- 11.90	112149	14 65			
	[DR]	08.82- 05.83	111652#	14 65	08.82- 10.86	110865	12 0.95
		06.83- 10.86	110919	14 70			
	[DS]	05.83- 07.89	110919	14 70	05.83- 07.87	110865	12 0.95
	[JW]	03.83- 07.89	110919	14 70	03.83- 07.87	110865	12 0.95
	[NP]	04.85- 07.89	110919	14 70	04.85- 07.87	110865	12 0.95
		01.88- 11.90	112149	14 65			
	[PH]	04.85- 07.89	110919	14 70	04.85- 07.87	110865	12 0.95
		01.88- 11.90	112149	14 65			
	[RS]	11.86- 08.87	112149	14 65	11.86- 08.87	110865	12 0.95
	[SH]	02.86- 07.90	112149	14 65	08.86- 07.87	110865	12 0.95
	[ZU]				A13 09.71- 07.74	110824#	12 1.1
					09.71- 07.74	110997	12 0.8
100 1.8 Quattro	[4B]	01.88- 12.90	112149	14 65			
	[JW]	04.85- 12.87	110919	14 70	04.85- 07.87	110865	12 0.95
	[NP]	08.85- 12.90	110919	14 70	08.85- 07.88	110865	12 0.95
		01.88- 12.90	112149	14 65			
	[PH]	04.85- 07.88	110919	14 70	04.85- 07.88	110865	12 0.95
		08.88- 12.90	112149	14 65			
	[SH]	08.86- 07.90	112149	14 65	02.86- 07.87	110865	12 0.95
100 1.8 LS	[ZZ]				A13 01.75- 07.76	110824#	12 1.1
					09.71- 07.76	110997	12 0.8
100 1.9	[WH]	08.80- 07.81	110911	14 55	08.82- 07.84	111010	12 1.4
		08.80- 07.81	111139	14 75	08.80- 07.84	110824#	12 1.1
		08.81- 05.83	111652#	14 65			
		06.83- 07.84	110919	14 70			
	[ZJ]				A13 08.71- 07.76	110824#	12 1.1
					08.71- 07.76	110997	12 0.8
100 1.9 GL	[ZJ]				A13 01.75- 07.76	110824#	12 1.1
					09.71- 07.76	110997	12 0.8
100 2.0	[ABK]	08.92- 06.94	112712#	14 90	08.92- 07.94	112321	12 1.1
	[KP]				08.84- 10.87	111010	12 1.4
	[RT]				01.88- 11.90	111010	12 1.4
	[SL]				08.86- 10.87	111010	12 1.4
	[WA]	06.76- 07.80	110911	14 55	AT 08.76- 07.78	110824#	12 1.1
					08.76- 04.77	110997	12 0.8
	[AAD]	12.90- 07.91	112149	14 65	08.91- 01.93	112321	12 1.1
		07.91- 12.92	112798	14 90			
		09.91- 01.93	112712#	14 90			
	[AAE]	12.90- 06.94	112149	14 65	08.91- 07.94	112321	12 1.1
		08.91- 07.92	112798	14 90			
		09.91- 06.94	112712#	14 90			
100 2.0 Quattro	[AAD]	10.91- 07.92	112798	14 90	08.91- 07.92	112321	12 1.1
100 2.0 16V	[ACE]	01.92- 06.94	112712#	14 90	01.92- 06.94	112321	12 1.1
100 2.0 16V Quattro	[ACE]	07.92- 06.94	112798	14 90	07.92- 06.94	112321	12 1.1
100 2.0 E	[KP]				08.84- 10.87	111010	12 1.4
	[RT]				01.88- 11.90	111010	12 1.4
100 2.0 E 16V	[ACE]	07.92- 06.94	112798	14 90	07.92- 06.94	112321	12 1.1
100 2.0 E 16V Quattro	[ACE]				07.92- 06.94	112321	12 1.1
100 2.0 Diesel	[CN]	08.78- 11.90	111094	14 65	08.85- 07.89	112537	12 2.2
		08.83- 07.85	111652#	14 65	08.78- 07.85	111112	12 2.0
		08.83- 11.90	112729	14 90			
		08.85- 07.88	112149	14 65			
100 2.0 TD	[DE]	08.82- 07.85	111652#	14 65	11.81- 07.85	111112	12 2.0
		08.82- 02.88	112729	14 90	08.85- 10.87	112537	12 2.2
		08.85- 02.88	111094	14 65			
	[NC]	03.88- 11.90	111094	14 65	03.88- 11.90	112537	12 2.2
		03.88- 11.90	112729	14 90			



100 2.1	[KF]	08.82- 05.83	111652#	14 65	08.82- 07.84	111010	12 1.4
	[WB]	10.77- 07.81	110911	14 55	01.78- 07.82	110824#	12 1.1
		10.77- 07.81	111139	14 75			
		08.81- 07.82	111652#	14 65			
	[WC]	03.77- 07.81	110911	14 55	04.77- 07.82	110824#	12 1.1
		03.77- 07.81	111139	14 75	08.82- 07.84	111010	12 1.4
		08.81- 05.83	111652#	14 65			
	[WE]	10.77- 07.81	110911	14 55	10.77- 07.82	111010	12 1.4
		10.77- 07.81	111139	14 75	01.78- 07.82	110824#	12 1.1
		08.81- 07.82	111652#	14 65			
	[WG]	03.77- 07.81	110911	14 55	03.77- 07.82	111010	12 1.4
		03.77- 07.81	111139	14 75			
	08.81- 07.82	111652#	14 65				
100 2.2	[KF]	08.82- 05.83	111652#	14 65	08.82- 07.84	111010	12 1.4
	[KU]	08.84- 12.90	112777	14 115	08.84- 11.90	111010	12 1.4
	[KZ]				10.84- 09.86	111010	12 1.4
	[WB]	07.77- 07.81	110911	14 55	01.78- 07.82	110824#	12 1.1
		07.77- 07.82	111139	14 75			
		08.81- 07.82	111652#	14 65			
		AC 07.77- 07.82	111139	14 75			
	[WC]	07.77- 07.81	110911	14 55	04.77- 07.82	110824#	12 1.1
		07.77- 07.81	111139	14 75			
		08.81- 02.83	111652#	14 65			
	[WE]	07.77- 07.81	110911	14 55	01.78- 07.82	110824#	12 1.1
		07.77- 07.82	111139	14 75			
		08.81- 07.82	111652#	14 65			
		AC 07.77- 07.82	111139	14 75			
	[WG]	07.77- 07.80	110911	14 55	04.77- 07.82	110824#	12 1.1
	07.77- 07.80	111139	14 75				
[WU]				08.82- 07.84	111010	12 1.4	
100 2.2 Quattro	[KU]			08.84- 11.90	111010	12 1.4	
100 2.2 E Quattro	[PX]			08.85- 07.86	111010	12 1.4	
100 2.2 E Turbo Quattro	[MC]	08.88- 11.90	112777	14 115	03.86- 11.90	111010	12 1.4
		01.89- 11.90	112750	14 90			
100 2.2 Turbo	[MC]	08.88- 11.90	112777	14 115	04.86- 11.90	112537	12 2.2
		01.89- 11.90	112750	14 90	04.86- 11.90	111010	12 1.4
100 2.2 Turbo Quattro	[MC]	08.86- 01.89	112750	14 90	03.86- 11.90	111010	12 1.4
		01.89- 11.90	112777	14 115			
100 2.3	[NF]	10.86- 11.90	112777	14 115	10.86- 11.90	111010	12 1.4
		07.87- 11.90	112750	14 90			
	[AAR]	03.90- 06.94	112750	14 90	12.90- 07.94	111010	12 1.4
		03.90- 07.91	112777	14 115			
	12.90- 06.94	112806	14 120				
100 2.3 Quattro	[AAR]	01.90- 06.94	112750	14 90	12.90- 07.94	111010	12 1.4
		01.90- 11.90	112777	14 115			
		12.90- 06.94	112806	14 120			
100 2.3 E	[NF]	10.86- 11.90	112777	14 115	10.86- 11.90	111010	12 1.4
		07.87- 11.90	112750	14 90			
	[AAR]	01.90- 11.90	112750	14 90	12.90- 07.94	111010	12 1.4
		01.90- 11.90	112777	14 115			
100 2.3 E Quattro	[NF]	08.86- 11.90	112750	14 90	08.86- 11.90	111010	12 1.4
		08.86- 11.90	112777	14 115			
100 2.4 Diesel	[3D]	08.89- 11.90	112750	14 90	08.89- 11.90	112537	12 2.2
	[AAS]	05.91- 06.94	112750	14 90	05.91- 07.94	112537	12 2.2
100 2.5 TDI	[1T]	01.90- 11.90	112750	14 90	01.90- 11.90	112537	12 2.2
		01.90- 11.90	112777	14 115			
	[ABP]	06.91- 06.94	112777	14 115 ▲	06.91- 07.94	112537	12 2.2
	[AAT]	12.90- 06.94	113758	14 120	06.91- 07.94	112537	12 2.2
		06.91- 06.94	112777	14 115 ▲			
100 2.6	[ABC]	03.92- 06.94	112806	14 120	04.92- 07.94	112309	12 1.4
	[ACZ]	07.93- 02.96	112806	14 120	01.93- 07.94	112309	12 1.4
100 2.6 Quattro	[ABC]	04.92- 06.94	112806	14 120	03.92- 07.94	112309	12 1.4
100 2.8 E	[AAH]	12.90- 06.94	112806	14 120	12.90- 07.94	112309	12 1.4
100 2.8 E Quattro	[AAH]	12.90- 06.94	112806	14 120	12.90- 07.94	112309	12 1.4
100 4.2 V8 S4 Quattro	[ABH]	10.92- 06.94	112777	14 115			
	[AEC]	10.92- 07.94	112777	14 115			
200 2.1 E	[WC]				08.83- 07.84	111010	12 1.4
200 2.1 Turbo	[KG]	AT 08.85- 01.88	112729	14 90	08.83- 01.88	111010	12 1.4
200 2.1 Turbo Quattro	[KG]				11.84- 12.87	111010	12 1.4
200 2.2	[KU]				08.84- 07.85	111010	12 1.4
200 2.2 E	[WC]	10.79- 07.81	111139	14 75	10.79- 09.82	110824#	12 1.1
200 2.2 Turbo	[1B]	08.88- 12.91	112729	14 90	02.88- 12.91	111010	12 1.4
		08.88- 12.91	112750	14 90			
		08.88- 12.91	112777	14 115			
	[2B]	02.88- 12.91	112729	14 90			
		08.88- 12.91	112750	14 90			
		08.88- 12.91	112777	14 115			
	[MC]	03.88- 12.91	112750	14 90	08.85- 12.91	111010	12 1.4
		03.88- 12.91	112777	14 115			
	[WJ]	09.79- 07.81	110911	14 55	10.79- 08.82	110824#	12 1.1
		10.79- 07.81	111139	14 75			
200 2.2 Turbo 20V Quattro	[3B]	03.89- 12.90	112750	14 90	03.89- 12.90	111010	12 1.4
		03.89- 12.90	112777	14 115			
200 2.2 Turbo Quattro	[1B]	08.88- 11.90	112750	14 90	02.88- 11.90	111010	12 1.4
		08.88- 11.90	112777	14 115			
	[MC]	01.85- 08.88	112729	14 90	01.85- 12.90	111010	12 1.4
		08.88- 12.91	112777	14 115			
		01.89- 12.91	112750	14 90			

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



**AUDI** Continued

200 2.3	[NF]	11.86- 09.91	112750	14 90	11.86- 09.91	111010	12 1.4
		11.86- 09.91	112777	14 115			
A1 1.2 TFSi	[CBZA]				A25 05.10-	115401	12 2.2
A1 1.2 TFSi Sportback	[CBZA]				01.12-	114034	12 1.0
A1 1.4 TFSi	[CAXA]				A25 05.10-	115401	12 2.2
					A49 05.10-	115337	12 2.0
	[CNVA]				AT 05.10-	115337	12 2.0
	[CPTA]				DKG 04.12-	115337	12 2.0
A1 1.4 TFSi Sportback	[CAVG]	11.11-	113861	14 110			
	[CAXA]				A25 11.11-	115401	12 2.2
					A49 11.11-	115337	12 2.0
					11.11-	114163	12 1.1
	[CNVA]				A25 11.11-	115401	12 2.2
					A49 11.11-	115337	12 2.0
					11.11-	114163	12 1.1
	[CPTA]				DKG 04.12-	115337	12 2.0
	[CTHG]	11.11-	113861	14 110			
	[CTJA]	11.11-	113861	14 110			
A1 1.6 TDi	[CAYB]	03.11-	115370	14 110	A25 03.11-	115336	12 2.2
	[CAYC]				05.10-	115336	12 2.2
A1 1.6 TDi Sportback	[CAYB]	11.11-	115370	14 110	11.11-	114299	12 1.7
					A25 11.11-	115336	12 2.2
					11.11-	115401	12 2.2
	[CAYC]	11.11-	115370	14 110	11.11-	114299	12 1.7
					A25 11.11-	115336	12 2.2
A1 2.0 TFSi Quattro	[CDLH]				03.12-	113773	12 1.1
A1 2.0 TDi	[CFHB]	05.12-	113992	14 140 A47	05.12-	113841	12 1.7
		05.12-	115370	14 110	05.12-	115402	12 1.8
	[CFHD]	09.11-	113992	14 140 A47	09.11-	113841	12 1.7
		09.11-	115370	14 110	A25 09.11-	115402	12 1.8
A1 2.0 TDi Sportback	[CFHB]	05.12-	115370	14 110	05.12-	113841	12 1.7
					A25 05.12-	115402	12 1.8
A2 1.2 TDi	[ANY]	02.00-	113275	14 120			
A2 1.4	[AUA]	02.00- 08.05	113887	14 90	06.00-	112435	12 1.1
		AC 02.00-	111989	14 90			
	[BBY]	02.00- 08.05	113887	14 90	06.00-	112435	12 1.1
		AC 11.01-	111989	14 90			
A2 1.4 TDi	[AMF]				02.00-	111900	12 1.8
					09.99- 08.03	115503	12 1.8 A49
	[ATL]				11.03-	111900	12 1.8
					11.03- 08.05	115503	12 1.8 A49
	[BHC]	02.00-	113275	14 120	02.00-	111900	12 1.8
					05.03- 08.05	115503	12 1.8 A49
A2 1.6 FSi	[BAD]				01.02- 08.05	113515	12 0.9
A3 1.2 TSi	[CBZB]				A44 04.10- 08.12	115337	12 2.0
					03.10-	114175	12 1.1
A3 1.2 TSi Sportback	[CBZB]				A44 04.10-	115337	12 2.0
					04.10-	114175	12 1.1
A3 1.4 TFSi	[CAXC]	09.07- 08.12	114769	14 110	09.07-	114163	12 1.1
A3 1.6	[AEH]	09.96- 04.98	111820	14 90	AT 07.98-	111909	12 1.1
		09.96- 05.03	112002	14 120 A47	09.96- 06.98	111748	12 1.1
		09.96- 05.03	114797	14 120 A46	06.98- 06.01	115504	12 1.1 A49
		05.98-	112075	14 70			
		05.98- 06.01	115482	14 90 A49			
		05.98- 06.01	115483	14 120 A49			
	AC 05.98-	111989	14 90				
	[AKL]	09.96- 05.03	112002	14 120 A47	07.98- 06.01	115504	12 1.1 A49
		09.96- 05.03	114797	14 120 A46	08.97- 06.98	111748	12 1.1
		08.97- 04.98	111820	14 90	AT 07.98-	111909	12 1.1
		05.98-	112075	14 70	08.97- 06.01	112005	12 1.1
		05.98- 06.01	115482	14 90 A49			
		05.99- 06.01	115483	14 120 A49			
	AC 05.98-	111989	14 90				
	[APF]	09.96- 05.03	112002	14 120 A47	06.99-	111909	12 1.1
		09.96- 05.03	114797	14 120 A46	08.98- 08.00	115504	12 1.1 A49
		08.98- 08.00	115482	14 90 A49			
		08.98- 08.00	115483	14 120 A49			
		06.99-	112075	14 70			
	AC 06.99-	111989	14 90				
	[AVU]	05.00- 04.02	115482	14 90 A49	05.00- 04.02	115504	12 1.1 A49
		05.00- 04.02	115483	14 120 A49	05.00-	111909	12 1.1
		08.00-	111909				
	[BFQ]	08.00- 04.02	111989	14 90	08.00- 04.02	111909	12 1.1
		08.00- 05.03	112002	14 120 A47	08.00- 04.02	115504	12 1.1 A49
		08.00- 04.02	112075	14 70			
		08.00- 05.03	114797	14 120 A46			
		08.00- 04.02	115482	14 90 A49			
		08.00- 04.02	115483	14 120 A49			
	[BGU]	05.03-	113992	14 140 A47	05.03-	113773	12 1.1
	[BSE]	06.05-	113992	14 140 A47			
	[BSF]	06.05-	113992	14 140 A47			
A3 1.6 Sportback	[BGU]	09.04-	113992	14 140 A47	AT 09.04-	113773	12 1.1
	[BSE]	06.05-	113992	14 140 A47			
	[BSF]	06.05-	113992	14 140 A47			
	[CCSA]	07.08-	113992	14 140 A47			
	[CMXA]	05.10-	113992	14 140 A47			
A3 1.6 FSi	[BAG]	08.03- 09.07	114769	14 110	08.03-	113773	12 1.1
	[BLF]	01.05- 09.07	114769	14 110			
	[BLP]	08.03- 12.04	114769	14 110	08.03-	113773	12 1.1



A3 1.6 FSi Sportback	[BLF]	01.05-	114769	14 110						
	[BLP]	09.04-	114769	14 110		09.04-	113773	12 1.1		
A3 1.6 E-Power	[CMXA]	01.11-	113992	14 140 A47		01.11-	114176	12 1.0		
A3 1.6 Sportback E-Power	[CMXA]	01.11-	113992	14 140 A47		01.11-	114176	12 1.0		
A3 1.6 TDi	[CAYB]	05.09-	113992	14 140 A47		A25 05.09-	08.12	115336	12 2.2	
						A25 05.09-	08.12	115336	12 2.2	
	[CAYC]						DKG 05.09-		115376	12 1.8
							PR-no. 7L3 05.09-	08.12	114299	12 1.7
							Sequential Manual Transmission (SSG) 05.09-		115376	12 1.8
							05.09-		114299	12 1.7
						05.09- 08.12		115376	12 1.8	
A3 1.8	[AGN]	09.96- 04.98	111820	14 90		AT 09.96-	06.98	111748	12 1.1	
		09.96- 05.98	112399	14 90		07.98-		112005	12 1.1	
		05.98-	112075	14 70		09.96-	06.98	111749	12 1.1	
		05.98- 06.01	115482	14 90 A49		07.98-	06.01	115504	12 1.1 A49	
		AC 05.98-	111989	14 90		AT 07.98-		111909	12 1.1	
	[APG]	08.98- 04.03	112002	14 120 A47		08.98-	04.03	115504	12 1.1 A49	
		08.98- 04.03	114797	14 120 A46		11.99-		112005	12 1.1	
		08.98- 04.03	115482	14 90 A49		AT 11.99-		111909	12 1.1	
		08.98- 04.03	115483	14 120 A49						
		11.99-	112075	14 70						
	AC 11.99-	111989	14 90							
A3 1.8 TFSI	[BYT]					11.06-		113773	12 1.1	
						11.06- 06.07		114163	12 1.1	
	[BZB]					DSG 04.08-	01.09	115333	12 1.0	
						11.06-		113773	12 1.1	
						06.07-	01.09	114163	12 1.1	
[CDAA]					07.08-		114163	12 1.1		
A3 1.8 TFSI Quattro	[CDAA]				07.08-		114163	12 1.1		
A3 1.8 TFSI Sportback	[BYT]					11.06-		113773	12 1.1	
						11.06- 06.07		114163	12 1.1	
	[BZB]					11.06-		113773	12 1.1	
	[CDAA]					06.07-	06.08	114163	12 1.1	
						07.08-		114163	12 1.1	
A3 1.8 Turbo	[AJQ]	05.98-	111989	14 90		AT 08.98-	08.00	111909	12 1.1	
		05.98-	112075	14 70		08.98-	08.00	115504	12 1.1 A49	
		08.98-	112002	14 120 A47		08.98-	08.00	112005	12 1.1	
		08.98- 05.03	114797	14 120 A46						
		08.98- 08.00	115482	14 90 A49						
		08.98- 08.00	115483	14 120 A49						
	[APP]	08.98-	111989	14 90		08.98-	05.00	115504	12 1.1 A49	
		08.98-	112002	14 120 A47		08.98-	05.00	112005	12 1.1	
		08.98-	112075	14 70		AT 08.98-	05.00	111909	12 1.1	
		08.98- 05.00	114797	14 120 A46						
		08.98- 05.00	115482	14 90 A49						
	[ARY]	08.98- 05.00	115483	14 120 A49						
		09.00-	112002	14 120 A47		09.00-	06.01	115504	12 1.1 A49	
		09.00- 06.01	114797	14 120 A46		09.00-	06.01	112005	12 1.1	
		09.00- 06.01	115482	14 90 A49		AT 09.00-	06.01	111909	12 1.1	
		09.00- 06.01	115483	14 120 A49						
	05.01-	111989	14 90							
	05.01-	112075	14 70							
[AUQ]	05.00- 06.03	112002	14 120 A47		5SP 05.00-	06.03	112005	12 1.1		
	05.00- 06.03	114797	14 120 A46		AT 05.00-	06.03	114308	12 1.4		
	05.00- 06.03	115482	14 90 A49		05.00-	06.03	115504	12 1.1 A49		
	05.00- 06.03	115483	14 120 A49		6SP 05.00-	06.03	112429	12 2.0		
	05.01- 04.02	111989	14 90		AT 05.00-	06.03	111909	12 1.1		
	05.01- 04.02	112075	14 70							
A3 1.8 Turbo 20V	[AGU]	09.96- 05.98	111820	14 90		AT 12.96-	06.98	111748	12 1.1	
		12.96-	112075	14 70		AT 07.98-		111909	12 1.1	
		05.98-	111989	14 90		07.98-		112005	12 1.1	
		05.98- 05.03	115482	14 90 A49		07.98-	05.03	115504	12 1.1 A49	
		AC 05.98-	111989	14 90		12.96-	06.98	111749	12 1.1	
	[AQA]	08.98-	112075	14 70		08.98-		112005	12 1.1	
		08.98- 05.03	115482	14 90 A49		AT 12.96-		114308	12 1.4	
						08.98-	05.03	115504	12 1.1 A49	
		AC 08.98-	111989	14 90		AT 08.98-		111909	12 1.1	
	[ARZ]	07.99-	112075	14 70		AT 07.99-		111909	12 1.1	
		07.99- 05.03	115482	14 90 A49		07.99-	05.03	115504	12 1.1 A49	
		AC 07.99-	111989	14 90		07.99-		112005	12 1.1	
	[AUM]	07.99-	112075	14 70		07.99-		112005	12 1.1	
		07.99- 05.03	115482	14 90 A49		07.99-	05.03	115504	12 1.1 A49	
		AC 07.99-	111989	14 90		AT 07.99-		111909	12 1.1	
A3 1.8 Turbo Quattro	[AGU]	08.97- 05.98	111820	14 90		12.96-	06.98	111749	12 1.1	
		08.97- 08.00	112002	14 120 A47		06.98-	08.00	112005	12 1.1	
		08.97- 08.00	114797	14 120 A46		06.98-	08.00	115504	12 1.1 A49	
		05.98- 08.00	111989	14 90		AT 12.96-	06.98	111748	12 1.1	
		05.98- 08.00	112075	14 70		AT 06.98-	08.00	111909	12 1.1	
		05.98- 08.00	115482	14 90 A49						
		05.98- 08.00	115483	14 120 A49						
	[AJQ]	08.98- 08.00	111989	14 90		08.98-	08.00	112005	12 1.1	
		08.98- 08.00	112075	14 70		AT 08.98-	08.00	111909	12 1.1	
		08.98- 08.00	115482	14 90 A49		08.98-	08.00	115504	12 1.1 A49	
	[AQA]	08.98- 04.01	111989	14 90		08.98-	04.01	115504	12 1.1 A49	
		08.98- 05.03	112002	14 120 A47		08.98-	04.01	112005	12 1.1	
		08.98- 04.01	112075	14 70		AT 08.98-	04.01	111909	12 1.1	
08.98- 05.03		114797	14 120 A46							
08.98- 04.01		115482	14 90 A49							
08.98- 04.01		115483	14 120 A49							

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



AUDI Continued

Application list

	[ARX]	10.99- 06.03	111820	14 90		AT 10.99- 06.03	111909	12 1.1
		10.99- 06.03	111989	14 90		10.99- 06.03	115504	12 1.1 A49
		10.99- 06.03	112002	14 120 A47		6SP 10.99- 06.03	112429	12 2.0
		10.99- 06.03	112075	14 70		5SP 10.99- 06.03	112005	12 1.1
		10.99- 06.03	114797	14 120 A46				
		10.99- 06.03	115482	14 90 A49				
		10.99- 06.03	115483	14 120 A49				
	[ARY]	09.00- 06.03	115482	14 90 A49		09.00-	112429	12 2.0
		09.00- 06.03	115483	14 120 A49		09.00-	112005	12 1.1
		05.98-	111989	14 90				
		05.98-	112075	14 70				
		10.98-	112002	14 120 A47				
		10.98- 05.03	114797	14 120 A46				
A3 1.9 TDi	[AGR]	09.96-	112002	14 120 A47		09.96-	111900	12 1.8
		09.96-	112079	14 90 A47		09.96- 08.00	115503	12 1.8 A49
		09.96- 07.01	114797	14 120 A46		AT 09.96-	112286	12 1.7
		05.98-	113340	14 70				
		05.98- 08.00	115483	14 120 A49				
	[AHF]	09.96- 05.98	111353	14 70		01.97- 08.00	111900	12 1.8
		09.96- 05.98	111820	14 90		AT 01.97- 08.00	112286	12 1.7
		01.97- 08.00	112002	14 120 A47		01.97- 08.00	115503	12 1.8 A49
		01.97- 08.00	112079	14 90 A47				
		01.97- 08.00	114797	14 120 A46				
		05.98- 08.00	113340	14 70				
		05.98- 08.00	115483	14 120 A49				
	[ALH]	09.96-	112002	14 120 A47		AT 08.97-	112286	12 1.7
		09.96-	112079	14 90 A47		08.97-	111900	12 1.8
		09.96- 07.01	114797	14 120 A46		08.97- 06.01	115503	12 1.8 A49
		05.98-	113340	14 70				
		05.98- 06.01	115483	14 120 A49				
	[ASV]	09.99- 07.01	112002	14 120 A47		09.99- 06.01	111900	12 1.8
		09.99- 07.01	112079	14 90 A47		AT 09.99- 06.01	112286	12 1.7
		09.99- 06.01	113340	14 70		09.99- 06.01	115503	12 1.8 A49
		09.99- 07.01	114797	14 120 A46				
		09.99- 06.01	115483	14 120 A49				
	[ASZ]	08.00- 05.03	112002	14 120 A47		AT 08.00- 06.03	111909	12 1.1
		08.00- 05.03	112079	14 90 A47		08.00- 06.03	111900	12 1.8
		08.00- 06.03	113340	14 70		08.00- 06.03	112429	12 2.0
		08.00- 05.03	114797	14 120 A46		08.00- 06.03	115503	12 1.8 A49
		08.00- 06.03	115483	14 120 A49		08.00- 06.03	115504	12 1.1 A49
	[ATD]	10.00- 06.03	115483	14 120 A49	Chas. -8L-2045000	10.00- 09.01	111900	12 1.8
						10.00- 06.03	115503	12 1.8 A49
	[AXR]	10.00-	112002	14 120 A47		11.01- 06.03	115503	12 1.8 A49
		10.00-	112079	14 90 A47		6SP 10.00-	112429	12 2.0
		10.00-	113340	14 70	Chas. -8L-2045000	10.00- 09.01	111900	12 1.8
		10.00- 05.03	114797	14 120 A46				
		11.01- 06.03	115483	14 120 A49				
	[BKC]	05.03-	113992	14 140 A47		05.03-	113842	12 1.7
						03.03- 05.10	115508	12 1.7 A49
	[BLS]	04.08-	113992	14 140 A47		04.08-	115508	12 1.7 A49
		04.08-	115370	14 110				
A3 1.9 TDi Quattro	[ASZ]	05.00-	113340	14 70		AT 05.00-	111909	12 1.1
		05.00- 06.03	115483	14 120 A49		05.00-	112429	12 2.0
		08.00-	112002	14 120 A47		05.00- 06.03	115504	12 1.1 A49
		08.00-	112079	14 90 A47		05.00- 06.03	115503	12 1.8 A49
		08.00- 05.03	114797	14 120 A46				
		08.00- 05.03	115483	14 120 A49				
A3 1.9 TDi Sportback	[BKC]	09.04-	113992	14 140 A47		09.04-	113842	12 1.7
		09.04- 05.10	115370	14 110		09.04- 05.10	115508	12 1.7 A49
A3 2.0 Sportback	[CDLC]	07.08-	113992	14 140 A47		A41 07.08-	115333	12 1.0
A3 2.0 FSi	[AXW]	05.03-	113992	14 140 A47		05.03-	113773	12 1.1
						03.03-	113842	12 1.7
						05.03-	114163	12 1.1
	[BLR]	05.03- 06.08	113992	14 140 A47		05.03-	113773	12 1.1
						03.03-	113842	12 1.7
	[BLX]	05.03- 06.08	113992	14 140 A47		05.03-	113773	12 1.1
						03.03-	113842	12 1.7
						06.04- 12.04	114163	12 1.1
	[BLY]	05.03- 06.08	113992	14 140 A47		05.03-	113773	12 1.1
	[BMB]	05.03- 06.08	113992	14 140 A47		05.03-	113773	12 1.1
	[BVY]	05.03-	113992	14 140 A47		05.03-	113773	12 1.1
						10.03-	114163	12 1.1
	[BVZ]	05.03-	113992	14 140 A47		05.03-	113773	12 1.1
A3 2.0 FSi Sportback	[BLR]	09.04-	113992	14 140 A47		AT 09.04-	113773	12 1.1
						01.05- 11.05	114163	12 1.1
	[BLX]	09.04-	113992	14 140 A47		AT 09.04-	113773	12 1.1
						06.04- 01.05	114163	12 1.1
	[BLY]	09.04-	113992	14 140 A47		09.04- 11.05	113773	12 1.1
						03.03-	113842	12 1.7
						06.04- 11.05	114163	12 1.1
	[BMB]	09.04-	113992	14 140 A47		AT 09.04-	113773	12 1.1
						01.04- 01.05	114163	12 1.1
	[BVY]	09.04-	113992	14 140 A47		AT 09.04-	113773	12 1.1
						11.05-	114163	12 1.1
	[BVZ]	09.04-	113992	14 140 A47		AT 09.04-	113773	12 1.1
						11.05-	114163	12 1.1
A3 2.0 TFSi	[AXX]	09.04-	113992	14 140 A47		09.04-	113773	12 1.1
						DSG 09.04- 08.12	115333	12 1.0
	[BWA]	09.05-	113992	14 140 A47		DSG 09.05- 08.12	115333	12 1.0
	[CAWB]	02.08-	113992	14 140 A47		DSG 02.08- 08.12	115333	12 1.0

**STARTERS & ALTERNATORS**

O.E.M. names and numbers are used for reference purposes only.





A3 2.0 TFSI Quattro	[CCZA]					A41 07.08- 08.12	115333	12	1.0	
	[AXX]	09.04- 08.12	113992	14	140	A47	09.04-	113773	12	1.1
							DSG 09.04- 08.12	115333	12	1.0
	[BWA]	09.05- 08.12	113992	14	140	A47	DSG 09.05- 08.12	115333	12	1.0
A3 2.0 TFSI Sportback	[CCZA]					A41 09.05- 08.12	115333	12	1.0	
	[AXX]	09.04- 10.05	113992	14	140	A47	09.04-	113773	12	1.1
							DSG 09.04- 10.05	115333	12	1.0
	[BPY]	11.05- 05.07	113992	14	140	A47	DSG 11.05- 05.07	115333	12	1.0
	[BWA]	09.05-	113992	14	140	A47	DSG 09.05-	115333	12	1.0
A3 2.0 TFSI Sportback Quattro	[CAWB]						DSG 02.08-	115333	12	1.0
	[CCZA]					A41 07.08-	115333	12	1.0	
	[AXX]	09.04-	113992	14	140	A47	09.04-	113773	12	1.1
							DSG 09.04-	115333	12	1.0
	[BWA]	09.05-	113992	14	140	A47	DSG 09.05-	115333	12	1.0
A3 2.0 TDi	[CCZA]					A41 07.08-	115333	12	1.0	
	[AZV]	05.03- 08.12	113992	14	140	A47	05.03-	113509	12	2.0
			115370	14	110		05.03- 08.12	115311	12	1.7
							05.03-	113841	12	1.7
	[BMM]	06.05- 06.08	113992	14	140	A47	06.05-	113841	12	1.7
			115370	14	110					
	[BMN]	03.06- 08.12	113992	14	140	A47	03.06-	113841	12	1.7
			115370	14	110		03.06- 08.12	115311	12	1.7
	[BUY]	06.06- 06.08	113992	14	140	A47				
		06.06- 06.08	115370	14	110					
	[CBAB]	04.08-	113992	14	140	A47	04.08-	115402	12	1.8
							04.08-	115311	12	1.7
	[CBAA]	04.08-	114109	14	180		04.08-	115311	12	1.7
	[CFFA]						04.08-	115311	12	1.7
	[CRBC]						A25 08.12-	115402	12	1.8
[CRFA]						A25 01.13- 01.13-	115402	12	1.8	
							115311	12	1.7	
						A25 08.12-	115402	12	1.8	
						A25 08.12-	115402	12	1.8	
						A25 12.12-	115402	12	1.8	
A3 2.0 TDi 16V	[BKD]	05.03- 08.12	113992	14	140	A47	AT 05.03-	113509	12	2.0
		05.03- 08.12	115370	14	110		05.03- 08.12	115311	12	1.7
							05.03-	113841	12	1.7
	[CBAB]	07.08-	115370	14	110		07.08-	115311	12	1.7
	[CFFB]	11.09-	115370	14	110		11.09-	115311	12	1.7
[CLJA]	02.10-	115370	14	110		02.10-	115311	12	1.7	
A3 2.0 TDi 16V Quattro	[BKD]	08.04- 08.12	113992	14	140	A47	AT 08.04-	113509	12	2.0
			115370	14	110		08.04- 08.12	115311	12	1.7
							08.04-	113841	12	1.7
							08.04-	113842	12	1.7
							08.04- 08.12	115508	12	1.7
						11.05-	115311	12	1.7	
						11.05-	115311	12	1.7	
A3 2.0 TDi 16V Sportback	[BKD]	09.04- 09.04	113992	14	140	A47	AT 09.04-	113509	12	2.0
			115370	14	110		09.04-	115311	12	1.7
							09.04-	113841	12	1.7
	[CBAB]	09.04-	115370	14	110		09.04-	115311	12	1.7
	[CFFB]	09.04-	115370	14	110		09.04-	115311	12	1.7
[CLJA]	09.04-	115370	14	110		09.04-	115311	12	1.7	
A3 2.0 TDi Quattro	[AZV]	05.03- 06.08	113992	14	140	A47	AT 05.03-	113509	12	2.0
			115370	14	110		05.03-	113842	12	1.7
							05.03-	113841	12	1.7
							05.03- 06.08	115508	12	1.7
	[BMM]	01.06- 06.08	113992	14	140	A47	01.06-	113841	12	1.7
			115370	14	110					
	[BMN]	03.06- 08.12	113992	14	140	A47	03.06-	113841	12	1.7
			115370	14	110		03.06- 08.12	115311	12	1.7
[CRBC]						A25 10.12-	115402	12	1.8	
[CUNA]						A25 12.12-	115402	12	1.8	
A3 2.0 TDi Quattro Sportback	[CUNA]					A25 11.12-	115402	12	1.8	
A3 2.0 TDi Sportback	[AZV]	09.04- 09.04	113992	14	140	A47	AT 09.04-	113509	12	2.0
			115370	14	110		09.04-	115311	12	1.7
							09.04-	113842	12	1.7
							09.04-	115508	12	1.7
	[CRBC]						A25 09.12- 09.12-	115402	12	1.8
								115311	12	1.7
	[CRFC]						A25 03.13- 03.13-	115402	12	1.8
							115311	12	1.7	
						A25 09.12-	115402	12	1.8	
A3 2.0 TDi Sportback Quattro	[BMM]	06.05- 06.08	113992	14	140	A47	06.05-	113841	12	1.7
			115370	14	110					
	[BMN]	03.06- 03.06-	113992	14	140	A47	03.06-	113841	12	1.7
		115370	14	110		03.06-	115311	12	1.7	
A3 2.5 RS3 quattro Sportback	[CEPA]	04.11-	113992	14	140	A47				
A3 3.2 Quattro	[BMJ]	07.03-	113992	14	140	A47	A18 07.03- 07.03-	113509	12	2.0
								113841	12	1.7
A3 3.2 V6 Quattro	[BDB]	07.03-	113992	14	140	A47	A18 07.03- 07.03-	113509	12	2.0
								113841	12	1.7
A3 3.2 V6 Sportback Quattro	[BMJ]	09.04-	113992	14	140	A47	A18 09.04- 09.04-	113509	12	2.0
								113841	12	1.7
A3 Sportsback 2.0 TDi	[CUNA]						A25 05.13-	115402	12	1.8
A3 Sportsback 2.0 TDi Quattro	[CRBC]						A25 01.13-	115402	12	1.8
A4 1.6	[ADP]	11.94- 07.00	111478	14	90		11.94- 10.96	112321	12	1.1
		01.95-	113882	14	120					

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





AUDI Continued

Application list

	[AHL]	11.94- 07.97	111478	14 90		10.96-	112321	12 1.1
		01.95- 07.00	113882	14 120				
		10.96-	112398#	14 70				
		10.96-	112399	14 90				
		01.99-	113283	14 120				
	[ALZ]	07.00- 09.01	112398#	14 70	Chas. -8E-5-030000	07.00- 09.01	112321	12 1.1
		07.00- 09.01	112399	14 90	Chas. 8E-5-030001-	11.00- 12.04	114179	12 1.2
		07.00- 09.01	113283	14 120				
		07.00- 12.04	113882	14 120				
	[ANA]	11.94-	111478	14 90		11.94- 10.96	112321	12 1.1
		01.95- 07.00	113882	14 120				
		08.98-	112398#	14 70				
		08.98-	112399	14 90				
		08.98-	113283	14 120				
	[ARM]	11.94-	111478	14 90		08.98-	112321	12 1.1
		01.95- 07.00	113882	14 120				
		08.98-	112398#	14 70				
		08.98-	112399	14 90				
		08.98-	113283	14 120				
A4 1.8	[ADR]	11.94- 07.97	111478	14 90		11.94- 04.99	112321	12 1.1
		11.94- 04.99	112398#	14 70				
		11.94- 04.99	112399	14 90				
		01.99-	113283	14 120				
	[AFY]	04.95- 07.97	111478	14 90		04.95- 09.01	112321	12 1.1
		08.97- 09.01	112399	14 90				
		01.99- 09.01	112398#	14 70				
		01.99- 09.01	113283	14 120				
	[APT]	08.97-	112399	14 90		11.94-	112321	12 1.1
		01.99-	112398#	14 70				
		01.99-	113283	14 120				
	[ARG]	08.97- 07.99	112399	14 90		11.94- 07.99	112321	12 1.1
		08.98- 07.99	112398#	14 70				
		08.98- 07.99	113283	14 120				
	[AVV]	06.00-	112398#	14 70		06.00-	112321	12 1.1
		06.00-	112399	14 90				
		06.00-	113283	14 120				
A4 1.8 Quattro	[ADR]	11.94- 12.98	111478	14 90		11.94-	112321	12 1.1
		11.94-	112398#	14 70				
		08.97-	112399	14 90				
		01.99-	113283	14 120				
	[AFY]	07.95- 12.98	111478	14 90		07.95- 09.01	112321	12 1.1
		08.97- 09.01	112399	14 90				
		01.99- 09.01	112398#	14 70				
		01.99- 09.01	113283	14 120				
	[APT]	08.97-	112399	14 90		11.94-	112321	12 1.1
		01.99-	112398#	14 70				
		01.99-	113283	14 120				
	[ARG]	08.97-	112399	14 90		11.94-	112321	12 1.1
		08.98-	112398#	14 70				
		08.98-	113283	14 120				
A4 1.8 TFSi	[CABA]					01.08- 05.08	115394	12 1.1
	[CABB]					11.07- 05.08	115394	12 1.1
	[CDHA]					06.08-	115394	12 1.1
	[CDHB]					04.08-	115394	12 1.1
	[CJEB]					11.11-	115394	12 1.1
A4 1.8 TFSi Quattro	[CDHB]					09.08-	115394	12 1.1
	[CJEB]					11.11-	115394	12 1.1
A4 1.8 Turbo	[AEB]	11.94- 07.97	111478	14 90		11.94- 07.98	112321	12 1.1
	[AJL]	08.97- 12.98	111478	14 90		08.97-	112321	12 1.1
		08.97-	112398#	14 70				
		08.97-	112399	14 90				
		01.99-	113283	14 120				
	[AMB]	07.01-	113878	14 120	Chas. -8E-5-030000	07.01-	112321	12 1.1
					Chas. 8E-5-030001-	07.01- 12.04	114179	12 1.2
	[ANB]	05.99-	112398#	14 70		11.94- 07.98	112321	12 1.1
		05.99-	112399	14 90				
		05.99-	113283	14 120				
	[APU]	11.94- 07.97	111478	14 90		11.94- 07.98	112321	12 1.1
		08.98-	112398#	14 70				
		08.98-	112399	14 90				
		08.98-	113283	14 120				
	[ARK]	08.98- 07.99	112398#	14 70		11.94- 12.98	112321	12 1.1
		08.98- 07.99	112399	14 90				
		08.98- 07.99	113283	14 120				
	[AVJ]	11.00- 07.02	113882	14 120		11.00-	112321	12 1.1
	[AWT]	06.00-	112398#	14 70		11.94- 07.98	112321	12 1.1
		06.00-	112399	14 90				
		06.00-	113283	14 120				
	[BEX]				Chas. -8E-5-030000	11.02- 06.04	112321	12 1.1
					Chas. 8E-5-030001-	11.02- 12.04	114179	12 1.2
	[BFB]	07.02-	113878	14 120	Chas. 8E-5-030001-	07.02- 12.04	114179	12 1.2
					Chas. -8E-5-030000	07.02-	112321	12 1.1
	[BKB]	07.02-	113878	14 120	Chas. 8E-5-030001-	07.02- 12.04	114179	12 1.2
					Chas. -8E-5-030000	07.02- 12.04	112321	12 1.1
A4 1.8 Turbo Quattro	[AEB]	10.95- 07.98	111478	14 90		01.95- 07.98	112321	12 1.1
	[AJL]	08.97- 12.98	111478	14 90		08.97-	112321	12 1.1
		08.97-	112398#	14 70				
		08.97-	112399	14 90				
		01.99-	113283	14 120				



	[AMB]	07.01-	113878	14 120	Chas. -8E-5-030000 07.01- Chas. 8E-5-030001- 07.01- 12.04	112321 114179	12 1.1 12 1.2	
	[ANB]	07.99- 07.99- 07.99-	112398# 112399 113283	14 70 14 90 14 120		01.95- 07.98 112321	12 1.1	
	[APU]	02.96- 07.98 02.99- 02.99- 02.99-	111478 112398# 112399 113283	14 90 14 70 14 90 14 120		01.95- 07.98 112321	12 1.1	
	[ARK]	01.99- 07.99 01.99- 07.99 01.99- 07.99	112398# 112399 113283	14 70 14 90 14 120		01.95- 07.98 112321	12 1.1	
	[AVJ]					11.00- 112321	12 1.1	
	[AWT]	06.00- 06.00- 06.00-	112398# 112399 113283	14 70 14 90 14 120		01.95- 07.98 112321	12 1.1	
	[BEX]				Chas. -8E-5-030000 11.02- 06.04 Chas. 8E-5-030001- 11.02- 12.04	112321 114179	12 1.1 12 1.2	
	[BFB]	07.02-	113878	14 120	Chas. 8E-5-030001- 04.02- 12.05 Chas. -8E-5-030000 04.02- 06.04	114179 112321	12 1.2 12 1.1	
A4 1.9 Hybrid Duo	[AHU]	02.99- 11.00	112397	14 120		111694	12 1.8	
A4 1.9 Diesel	[AFF]	11.94- 03.96- 06.00 03.96- 06.00	112045 112396 112397	14 120 14 90 14 120		03.96- 03.96- Chas. 8DS040001- 03.96-	112309 111995 111694	12 1.4 12 2.0 12 1.8
A4 1.9 TDi	[1Z]	11.94- 12.98 01.99- 01.99-	112045 112396 112397	14 120 14 90 14 120		11.94- 07.96 111694	12 1.8	
	[AFN]	11.94- 12.98 02.96- 02.96- 02.96- 07.99	112045 112396 112397 113770	14 120 14 90 14 120 14 120		02.96- 12.98 111694	12 1.8	
	[AHH]	04.97-	112806	14 120		01.95- 07.97 111694	12 1.8	
	[AHU]	08.96- 07.98 08.96- 12.98 08.96- 08.96- 08.96- 07.98 08.96- 07.98	112002 112045 112396 112397 114797 115483	14 120 A47 14 120 14 90 14 120 14 120 A46 14 120 A49		08.96- 12.98 111694	12 1.8	
	[AJM]	01.98- 12.98 01.98- 11.00 08.98- 08.98-	112045 113770 112396 112397	14 120 14 120 14 90 14 120		01.98- 12.98 111694	12 1.8	
	[AVB]	05.01- 11.01- 11.01- 12.04	113252 112397 113882	14 140 14 120 14 120		05.01- 111694	12 1.8	
	[AVF]	11.00- 12.04 04.01- 04.01- 12.04	113882 113252 113992	14 120 14 140 14 140 A47		09.01- 12.04 114171	12 1.7	
	[AVG]	11.94- 08.99- 08.99-	112045 112396 112397	14 120 14 90 14 120		02.96- 111694	12 1.8	
	[AWX]	11.00- 12.04 09.01-	113882 113252	14 120 14 140	5SP 12.00- 06.03 11.00- 12.04	111694 114171	12 1.8 12 1.7	
	[BKE]	06.04- 12.04	113992	14 140 A47	06.04- AT 01.06-	111694 114177	12 1.8 12 2.0	
A4 1.9 TDi Quattro	[BRB]	11.04-	113992	14 140 A47		111694	12 1.8	
	[AFN]	09.96-	112045	14 120		07.96- 111694	12 1.8	
	[AJM]	03.00- 09.01 01.98- 12.98 12.98- 12.98-	113770 112045 112396 112397	14 120 14 120 14 90 14 120		01.98- 12.98 111694	12 1.8	
	[ATJ]	01.98- 12.98 12.98- 12.98-	112045 112396 112397	14 120 14 90 14 120		01.98- 09.01 111694	12 1.8	
	[AVF]	11.01- 11.01-	112397 113252	14 120 14 140		09.01- 12.04 114171	12 1.7	
	[AVG]	09.96- 08.99- 06.00 08.99-	112045 112396 112397	14 120 14 90 14 120		07.96- 111694	12 1.8	
A4 2.0	[ALT]	11.00- 12.04 09.04-	113882 113878	14 120 14 120	Chas. 8E-5-030001- 11.00- 12.05 Chas. -8E-5-030000 11.00- 06.04	114179 112321	12 1.2 12 1.1	
A4 2.0 FSi	[AWA]	07.02- 07.02- 12.04	113878 113882	14 120 14 120	Chas. 8E-5-030001- 07.02- 12.04 Chas. -8E-5-030000 07.02-	114179 112321	12 1.2 12 1.1	
	[BYK]				AT 10.06-	114179	12 1.2	
A4 2.0 TFSI	[BGB]				AT 11.04-	114179	12 1.2	
	[BPG]				AT 11.04-	114179	12 1.2	
	[BUL]				AT 06.05-	114179	12 1.2	
	[BWE]				AT 11.04- 01.06-	114179 114179	12 1.2 12 1.2	
	[BWT]				AT 06.06- 01.06-	114179 114179	12 1.2 12 1.2	
	[CAEA]				06.08-	115394	12 1.1	
	[CAEB]				06.08-	115394	12 1.1	
	[CAED]				05.13-	115394	12 1.1	
	[CDNB]				06.08-	115394	12 1.1	
	[CDNC]				06.08-	115394	12 1.1	
	[CDZA]				06.08-	115394	12 1.1	
	[CNCD]				05.13- 10.05- 10.05-	115394 112321 114179	12 1.1 12 1.1 12 1.2	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**AUDI** Continued

A4 2.0 TFSi Flexfuel	[CFKA]					11.09-	115394	12	1.1
A4 2.0 TFSi Flexfuel Quattro	[CFKA]					11.09-	115394	12	1.1
A4 2.0 TFSi Quattro	[BGB]					AT 11.04-	114179	12	1.2
	[BPG]					AT 11.04-	114179	12	1.2
	[BUL]					AT 06.05-	114179	12	1.2
	[BWE]					AT 11.04-	114179	12	1.2
	[BWT]					AT 06.06-	114179	12	1.2
	[CAED]					05.13-	115394	12	1.1
	[CDNC]					06.08-	115394	12	1.1
	[CNCD]					05.13-	115394	12	1.1
	[CPMA]					06.08-	115394	12	1.1
	[CPMB]					05.13-	113594	12	0.6
						05.13-	115394	12	1.1
A4 2.0 TDi	[BNA]	11.04-	10.05	113992	14 140 A47	AT 11.04- 10.05	114177	12	2.0
						11.04- 10.05	114096	12	2.0
	[BPW]	11.04-		113992	14 140 A47	AT 11.04-	114177	12	2.0
						11.04-	114096	12	2.0
	[BRC]	01.06-		113992	14 140 A47	01.06-	114096	12	2.0
	[BRD]	06.06-		113992	14 140 A47	AT 06.06-	114177	12	2.0
						06.06-	114096	12	2.0
	[BRF]	11.05-		113992	14 140 A47	AT 11.05-	114177	12	2.0
						11.05-	114096	12	2.0
	[BVA]	06.06-		113992	14 140 A47	AT 06.06-	114177	12	2.0
						06.06-	114096	12	2.0
	[BVG]	09.05-	09.06	113992	14 140 A47	09.05- 09.06	114177	12	2.0
	[CAGB]	11.07-		114322	14 140				
	[CAHA]	01.08-		114322	14 140				
	[CAHB]	08.08-		114322	14 140				
	[CJCA]	11.07-		114322	14 140				
	[CJCC]	06.08-		114322	14 140				
	[CMFA]	11.07-		114322	14 140				
A4 2.0 TDi 16V	[BLB]	11.04-		113992	14 140 A47	AT 11.04-	114177	12	2.0
						11.04-	114096	12	2.0
	[BRE]	11.04-		113992	14 140 A47	AT 11.04-	114177	12	2.0
						11.04-	114096	12	2.0
A4 2.0 TDi Quattro	[BPW]	01.06-		113992	14 140 A47	01.06-	114096	12	2.0
						AT 01.06-	114177	12	2.0
	[BRD]	06.06-		113992	14 140 A47	AT 06.06-	114177	12	2.0
						06.06-	114096	12	2.0
	[BVA]	06.06-		113992	14 140 A47	AT 06.06-	114177	12	2.0
						06.06-	114096	12	2.0
	[CAHA]	08.08-		114322	14 140				
	[CGLD]	04.09-		114322	14 140				
	[CJCA]	04.08-		114322	14 140				
	[CJCB]	09.09-		114322	14 140				
A4 2.4	[AGA]	03.97-	07.98	112806	14 120	08.97- 07.98	111769	12	1.4
	[AJG]	08.97-	07.98	112806	14 120	08.97- 07.98	111769	12	1.4
	[ALF]	03.97-	07.98	112806	14 120	08.97- 07.98	111769	12	1.4
	[AML]					08.98- 12.98	111769	12	1.4
	[AMM]	06.00-	10.00	112399	14 90	06.00- 10.00	111769	12	1.4
		04.01-	12.05	113751	14 120				
		09.01-		113510	14 140				
	[APS]	08.98-	07.99	112399	14 90	08.98- 10.00	111769	12	1.4
	[APZ]					08.98- 06.00	111769	12	1.4
	[ARJ]	08.98-	06.00	112399	14 90	08.98- 06.00	111769	12	1.4
	[BDV]	09.01-		113510	14 140	09.01-	111769	12	1.4
		09.01-	12.05	113751	14 120				
		09.01-	12.04	113882	14 120				
A4 2.4 Quattro	[AGA]	03.97-		112806	14 120	08.97- 07.98	111769	12	1.4
	[ALF]	03.97-		112806	14 120	08.97- 07.98	111769	12	1.4
	[AML]					08.98- 12.98	111769	12	1.4
	[APS]					08.98- 10.00	111769	12	1.4
	[APZ]					08.98- 09.01	111769	12	1.4
	[ARJ]					08.98- 06.00	111769	12	1.4
A4 2.4 30V Quattro	[AGA]	03.97-		112806	14 120	08.97- 07.98	111769	12	1.4
	[ALF]	03.97-		112806	14 120	08.97- 07.98	111769	12	1.4
	[AML]					08.98- 12.98	111769	12	1.4
	[APS]					08.98- 10.00	111769	12	1.4
	[ARJ]					08.98- 06.00	111769	12	1.4
A4 2.5 TDi	[AFB]	09.97-	11.00	113758	14 120	09.97-	111995	12	2.0
	[AKN]	09.97-	11.00	113758	14 120	09.97-	111995	12	2.0
	[AYM]	08.01-		113510	14 140	08.01-	111995	12	2.0
		08.01-	07.02	113882	14 120				
	[BCZ]	08.02-	12.05	113510	14 140	06.03- 12.04	111995	12	2.0
	[BDG]	08.02-	12.05	113510	14 140	Chas. 8E-1-000001- 06.03- 12.04	111995	12	2.0
				Chas. 8E-1-000001- 11.04-	113510				
	[BFC]	07.02-	12.05	113510	14 140	08.02- 12.04	111995	12	2.0
A4 2.5 TDi Quattro	[AFB]					09.97-	111995	12	2.0
	[AKE]	11.00-		113510	14 140	11.00-	111995	12	2.0
	[AKN]					09.97-	111995	12	2.0
	[BAU]	09.01-		113510	14 140	11.00-	111995	12	2.0
	[BDH]	09.01-		113510	14 140	11.00-	111995	12	2.0
A4 2.5 TDi S4	[AFB]	09.97-	09.01	113758	14 120	09.97-	111995	12	2.0
	[AKN]	09.97-	09.01	113758	14 120	09.97-	111995	12	2.0
A4 2.5 TDi S4 Quattro	[AFB]	09.97-	09.01	113758	14 120	09.97-	111995	12	2.0
	[AKN]	09.97-	09.01	113758	14 120	09.97-	111995	12	2.0
A4 2.6	[ABC]	01.95-		112806	14 120	11.94-	112309	12	1.4
						Chas. 8D.V.205001- 04.97- 07.98	111769	12	1.4
						04.97- 07.98	111769	12	1.4



A4 2.6 Quattro	[ABC]	01.95-	112806	14	120	11.94-	112309	12	1.4
						04.97- 07.98	111769	12	1.4
A4 2.7 S4 Quattro	[AGB]					Chas. T080001- 09.97-	111769	12	1.4
						09.97-	111769	12	1.4
A4 2.7 RS4 Quattro	[ASJ]					05.00-	111769	12	1.4
	[AZR]					05.00- 09.01	111769	12	1.4
A4 2.7 TDi	[BPP]					01.06-	114094	12	2.2
	[BSG]					11.05- 03.08	114094	12	2.2
A4 2.8	[APR]					08.98-	111769	12	1.4
	[ACK]	03.96-	112806	14	120	04.97-	111769	12	1.4
						03.96- 04.97	112309	12	1.4
	[ALG]	10.96-	112806	14	120	04.97-	111769	12	1.4
						03.96- 04.97	112309	12	1.4
	[AMX]					07.98-	111769	12	1.4
	[AOD]					08.98-	111769	12	1.4
	[AAH]	09.95- 09.96	112806	14	120	11.94- 09.96	112309	12	1.4
					Chas. 8D.V.205001- 04.97- 07.97	111769	12	1.4	
A4 2.8 Quattro	[APR]	02.99- 06.00	112399	14	90	08.98-	111769	12	1.4
	[ACK]	03.96-	112806	14	120	04.97- 07.98	111769	12	1.4
						03.96- 04.97	112309	12	1.4
	[ALG]	10.96-	112806	14	120	05.97- 07.98	111769	12	1.4
						03.96-	112309	12	1.4
	[AMX]	07.99- 09.01	112399	14	90	07.98-	111769	12	1.4
	[AOD]	08.98- 06.00	112399	14	90	Eng. 8D-V205001- 08.98-	111769	12	1.4
	[AAH]	11.94- 09.96	112806	14	120	11.94- 12.96	112309	12	1.4
A4 3.0	[ASN]	11.00-	113510	14	140	09.01- 12.05	111769	12	1.4
		11.00- 12.04	113882	14	120	AT 09.01-	111694	12	1.8
		12.00- 12.05	113751	14	120				
	[AVK]	11.00-	113510	14	140	AT 11.00-	111694	12	1.8
						11.00-	111769	12	1.4
	[BBJ]	04.01-	113510	14	140	04.01-	111769	12	1.4
	04.01- 05.06	113751	14	120					
	04.01- 12.04	113882	14	120					
A4 3.0 Quattro	[ASN]	11.00- 12.05	113510	14	140	AT 11.00-	111694	12	1.8
		12.00- 12.05	113751	14	120	11.00- 12.05	111769	12	1.4
	[AVK]	09.01-	113510	14	140	AT 09.01-	111694	12	1.8
		09.01- 06.02	113751	14	120	09.01-	111769	12	1.4
	[BBJ]	03.01- 05.06	113751	14	120	04.01-	111769	12	1.4
	04.01-	113510	14	140					
A4 3.0 TDi Quattro	[ASB]					01.06-	114094	12	2.2
	[BKN]					11.04-	114094	12	2.2
A4 3.2 FSi	[AUK]	01.05-	114736	14	150	01.05- 03.09	114837	12	1.2
A4 3.2 FSi Quattro	[AUK]	01.05-	114736	14	150	01.05-	114837	12	1.2
	[BKH]	01.05-	114736	14	150	01.05-	114837	12	1.2
A5 1.8 TFSi	[CABD]					10.07-	115394	12	1.1
	[CDHB]					05.09-	115394	12	1.1
	[CJEB]					10.11-	115394	12	1.1
A5 1.8 TFSi Sportback	[CDHB]					11.09-	115394	12	1.1
	[CJEB]					10.11-	115394	12	1.1
A5 2.0 TFSi	[CAEA]					03.09-	115394	12	1.1
	[CDNB]					11.08-	115394	12	1.1
	[CDNC]					06.08-	115394	12	1.1
	[CNCD]					05.13-	115394	12	1.1
A5 2.0 TFSi Quattro	[CAEB]					03.09-	115394	12	1.1
	[CDNC]					06.08-	115394	12	1.1
	[CNCD]					05.13-	115394	12	1.1
A5 2.0 TFSi Sportback	[CDNC]				09.09-	115394	12	1.1	
A5 2.0 TFSi Sportback Quattro	[CDNC]				09.09-	115394	12	1.1	
A5 2.0 TDi	[CAHA]	08.08-	114322	14	140				
	[CGLD]	08.08-	114322	14	140				
A5 2.0 TDi Quattro	[CAHA]	08.08-	114322	14	140				
A5 2.0 TDi Quattro Sportback	[CAHA]	09.09-	114322	14	140				
A5 2.0 TDi Sportback	[CGLD]	09.09-	114322	14	140				
	[CJCA]	09.09-	114322	14	140				
	[CJCB]	09.09-	114322	14	140				
	[CMFA]	09.09-	114322	14	140				
A6 1.8	[ADR]	12.95- 02.97	111478	14	90	06.94-	112321	12	1.1
	[AEB]	12.97- 01.05	113882	14	120	04.97-	112321	12	1.1
		08.98-	112399	14	90				
		08.98-	113283	14	120				
	[AFY]	05.97- 07.98	111478	14	90	05.97-	112321	12	1.1
		05.97-	112399	14	90				
		07.98-	113283	14	120				
	[AJP]	07.97-	112399	14	90	05.97-	112321	12	1.1
		08.98-	113283	14	120				
		AT 08.98-	113283	14	120				
	[ANB]	12.97- 01.05	113882	14	120	04.97-	112321	12	1.1
		01.99-	112399	14	90				
		01.99-	113283	14	120				
	[APU]	12.97- 01.05	113882	14	120	04.97-	112321	12	1.1
		11.98-	112398#	14	70				
		11.98-	112399	14	90				
		11.98-	113283	14	120				
	[AQE]					05.97-	112321	12	1.1
[ARH]					07.97-	112321	12	1.1	
[ARK]	12.97- 01.05	113882	14	120	04.97-	112321	12	1.1	
	01.99- 05.99	112399	14	90					
	01.99- 05.99	113283	14	120					
[AWT]	12.97- 01.05	113882	14	120	04.97-	112321	12	1.1	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**AUDI** Continued

A6 1.8 Quattro	[ADR]	12.95-	111478	14 90		10.95-	112321	12 1.1	
A6 1.8 Turbo	[AEB]	01.97- 01.05	113882	14 120		04.97-	112321	12 1.1	
		04.97-	112399	14 90					
		08.98-	113283	14 120					
	[AJL]	08.98-	112399	14 90		06.97-	112321	12 1.1	
		AT 08.98-	113283	14 120					
	[ANB]	01.97- 01.05	113882	14 120		04.97-	112321	12 1.1	
		04.97-	112399	14 90					
		08.98-	113283	14 120					
	[APU]	01.97- 01.05	113882	14 120		04.97-	112321	12 1.1	
		04.97-	112399	14 90					
	08.98-	112398#	14 70						
	AT 08.98-	113283	14 120						
A6 1.8 Turbo Quattro	[ARK]	01.97- 01.05	113882	14 120		04.97-	112321	12 1.1	
		04.97-	112399	14 90					
		08.98-	113283	14 120					
	[AWT]	01.97- 01.05	113882	14 120		04.97-	112321	12 1.1	
		04.97-	112399	14 90					
		08.98-	113283	14 120					
A6 1.9 TDI	[AEB]	04.97- 01.99	112399	14 90		04.97-	112321	12 1.1	
		08.98- 01.99	113283	14 120					
	[AJL]	02.98-	112399	14 90		06.97-	112321	12 1.1	
		AT 02.98-	113283	14 120					
	[ANB]	04.97- 01.99	112399	14 90		04.97-	112321	12 1.1	
		08.98- 01.99	113283	14 120					
	[APU]	04.97- 01.99	112399	14 90		04.97-	112321	12 1.1	
		11.98-	112398#	14 70					
		11.98-	113283	14 120					
		AT 08.98- 01.99	113283	14 120					
A6 2.0	[ARK]	04.97- 05.99	112399	14 90		04.97-	112321	12 1.1	
		08.98- 05.99	113283	14 120					
	[AWT]	04.97- 01.99	112399	14 90		04.97-	112321	12 1.1	
	[1Z]	06.94- 09.96	113885	14 150		06.94- 09.96	111694	12 1.8	
	[AFN]	11.94- 07.98	112045	14 120		02.97-	111694	12 1.8	
		02.97-	112397	14 120					
		04.97-	112396	14 90					
	[AHU]	07.96- 10.97	113885	14 150		06.96- 10.97	111694	12 1.8	
	[AJM]	05.99-	112396	14 90		05.99-	111694	12 1.8	
		05.99-	112397	14 120					
A6 2.0 16V	[AVF]	08.01-	112397	14 120		08.01- 01.05	114171	12 1.7	
		08.01-	113252	14 140		AT 08.01-	111694	12 1.8	
	[AVG]	02.98- 04.01	112045	14 120		04.97- 04.01	111694	12 1.8	
		02.98- 04.01	112397	14 120					
	[AWX]	08.01-	112397	14 120		5SP 08.01-	111694	12 1.8	
		08.01-	113252	14 140		08.01- 01.05	114171	12 1.7	
	A6 2.0	[ABK]	06.94- 08.96	112712#	14 90		06.94- 08.96	112321	12 1.1
		[ALT]					08.01-	112321	12 1.1
		[AAE]	06.94-	112712#	14 90		06.94- 08.96	112321	12 1.1
	A6 2.0 16V	[ACE]	06.94-	112798	14 90		06.94-	112321	12 1.1
		06.94-	112798	14 90					
A6 2.0 16V Quattro	[ACE]	06.94-	112798	14 90		06.94-	112321	12 1.1	
A6 2.0 TFSi	[CAEB]					03.11-	115394	12 1.1	
	[CDNB]					05.11-	115394	12 1.1	
A6 2.0 TDI	[BLB]					AT 07.04-	114177	12 2.0	
						07.04-	114096	12 2.0	
	[BNA]					AT 06.05-	114177	12 2.0	
						06.05-	114096	12 2.0	
	[BRE]					AT 07.04-	114177	12 2.0	
						07.04-	114096	12 2.0	
						06.05-	114177	12 2.0	
	[BRF]					AT 06.05-	114177	12 2.0	
						06.05-	114096	12 2.0	
	[BVG]					09.05-	114096	12 2.0	
A6 2.3	[CAGB]					AT 10.08-	114177	12 2.0	
						06.05-	114096	12 2.0	
						06.05-	114177	12 2.0	
	[CAHB]					AT 04.09-	114177	12 2.0	
						04.09-	114096	12 2.0	
A6 2.3	[AAR]	06.94- 07.94	112806	14 120		06.94- 12.95	111010	12 1.4	
		06.94- 12.95	113758	14 120					
	Chas. -4AS020156	06.94- 07.94	112806	14 120					
A6 2.3 Quattro	[AAR]	06.94- 07.94	112806	14 120		08.94- 07.97	111010	12 1.4	
		06.94- 12.95	113758	14 120					
A6 2.4	[AGA]	04.97- 07.98	112806	14 120		04.97-	111769	12 1.4	
	[AJG]	04.97- 07.98	112806	14 120		04.97- 01.99	111769	12 1.4	
	[ALF]	06.97- 07.98	112806	14 120		06.97-	111769	12 1.4	
	[ALW]	08.97- 07.98	112806	14 120		07.98-	111769	12 1.4	
	[AML]	06.00- 04.01	112399	14 90		06.97-	111769	12 1.4	
		12.97- 01.05	113751	14 120					
	[AMM]	06.01- 05.04	113751	14 120		06.00- 05.04	111769	12 1.4	
	[APC]	04.98- 07.98	112806	14 120		04.98-	111769	12 1.4	
	[APS]					11.98-	111769	12 1.4	
	[APZ]					11.98- 05.00	111769	12 1.4	
	[ARJ]					11.98-	111769	12 1.4	
	[ARN]	02.99- 01.05	112806	14 120		02.99-	111769	12 1.4	
		02.99- 01.05	113751	14 120					
	[ASM]	06.01- 01.05	113751	14 120		06.00- 05.04	111769	12 1.4	
	[BDV]	06.01- 01.05	113751	14 120		08.01-	111769	12 1.4	
		08.01-	113510	14 140					



A6 2.4 Quattro	[BDW]					05.04-	114837	12	1.2	
	[AGA]	04.97- 07.98	112806	14	120	04.97-	111769	12	1.4	
	[AJG]	02.97- 07.98	112806	14	120	02.97- 01.99	111769	12	1.4	
	[ALF]	06.97- 07.98	112806	14	120	06.97-	111769	12	1.4	
	[AML]	06.00- 05.01	112399	14	90	12.97-	111769	12	1.4	
	[APC]	08.98- 05.01	112399	14	90	08.98- 05.01	111769	12	1.4	
	[APS]					11.98-	111769	12	1.4	
	[APZ]					11.98- 05.00	111769	12	1.4	
	[ARJ]					11.98-	111769	12	1.4	
	[BDV]	06.01- 01.05	113751	14	120	08.01-	111769	12	1.4	
		08.01-	113510	14	140					
A6 2.5 TDi	[BDW]					01.05-	114837	12	1.2	
	[AEL]	08.94- 12.97	113758	14	120	10.94-	112537	12	2.2	
	[AFB]	04.97- 01.05	113758	14	120	04.97-	111995	12	2.0	
	[AKE]	02.00-	113510	14	140	02.00-	111995	12	2.0	
	[AKN]	12.97- 01.05	113758	14	120	04.97- 06.99	111995	12	2.0	
	[AYM]	08.01-	113510	14	140	08.01-	111995	12	2.0	
	[BCZ]	11.02- 05.04	113510	14	140	11.02- 05.04	111995	12	2.0	
	[BDG]	11.02- 05.04	113510	14	140	11.02- 05.04	111995	12	2.0	
	[BFC]	07.02- 08.03	113510	14	140	07.02- 08.03	111995	12	2.0	
	[AAT]	06.94- 12.97	113758	14	120	06.94-	112537	12	2.2	
		Chas. -4A.S.012156	06.94- 10.97	112750	14	90				
	A6 2.5 TDi Quattro	[AEL]	07.95- 10.97	113758	14	120	07.95-	112537	12	2.2
[AFB]		07.97- 01.05	113758	14	120	07.97-	111995	12	2.0	
[AKE]		02.00-	113510	14	140	02.00-	111995	12	2.0	
[AKN]		07.97- 01.05	113758	14	120	07.97-	111995	12	2.0	
[BAU]						02.00-	111995	12	2.0	
[BDH]						02.00-	111995	12	2.0	
A6 2.6	[ABC]	06.94- 02.96	112806	14	120	06.94-	112309	12	1.4	
						04.97- 07.98	111769	12	1.4	
	[ACZ]	06.94- 02.96	112806	14	120	06.94- 10.97	112309	12	1.4	
A6 2.6 Quattro	[ABC]	06.94-	112806	14	120	06.94-	112309	12	1.4	
A6 2.7	[AJK]	02.99- 05.01	112399	14	90	12.97-	111769	12	1.4	
		02.99- 05.01	113751	14	120					
A6 2.7 Quattro	[AJK]	10.97- 08.00	112399	14	90	12.97- 08.00	111769	12	1.4	
		02.99- 08.00	113751	14	120					
	[AZA]					09.00- 05.01	111769	12	1.4	
A6 2.7 Turbo Quattro	[ARE]					08.01-	111769	12	1.4	
	[BES]					07.02- 01.05	111769	12	1.4	
A6 2.7 TDi	[BPP]					11.04-	114094	12	2.2	
	[BSG]					11.04-	114094	12	2.2	
A6 2.7 TDi Allroad Quattro	[BPP]					05.06-	114094	12	2.2	
	[BSG]					05.06-	114094	12	2.2	
A6 2.7 TDi Quattro	[BPP]					11.04-	114094	12	2.2	
	[BSG]					06.05-	114094	12	2.2	
A6 2.8	[APR]					11.98-	111769	12	1.4	
	[ACK]	10.95- 07.98	112806	14	120	04.97-	111769	12	1.4	
						10.95- 10.97	112309	12	1.4	
	[AEJ]	06.94- 10.97	112806	14	120	06.94- 10.97	112309	12	1.4	
	[AGE]	10.97- 07.98	111478	14	90	10.97-	111769	12	1.4	
		10.97- 07.98	112806	14	120					
		08.98-	112399	14	90					
	[ALG]	06.97- 07.98	112806	14	120	06.97-	111769	12	1.4	
		08.98- 01.99	112399	14	90					
	[AMX]	06.00- 05.01	112399	14	90	06.97-	111769	12	1.4	
		06.00- 04.01	113751	14	120					
	[AQD]	11.98- 04.01	112399	14	90	06.97-	111769	12	1.4	
	[ATX]					07.99-	111769	12	1.4	
	[AAH]	06.94- 10.97	112806	14	120	06.94- 10.97	112309	12	1.4	
A6 2.8 Quattro	[APR]	01.99- 05.01	112806	14	120	11.98-	111769	12	1.4	
		01.99- 05.01	113751	14	120					
	[ACK]	10.95- 07.98	112806	14	120	04.97-	111769	12	1.4	
						10.95- 10.97	112309	12	1.4	
	[AEJ]	06.94- 10.97	112806	14	120	06.94- 10.97	112309	12	1.4	
	[ALG]	06.97- 07.98	112806	14	120	06.97-	111769	12	1.4	
		08.98- 01.99	112399	14	90					
	[AMX]	06.00- 05.01	113751	14	120	07.99-	111769	12	1.4	
	[AQD]	11.98- 05.01	112399	14	90	06.97-	111769	12	1.4	
	[AAH]	06.94- 10.97	112806	14	120	06.94- 10.97	112309	12	1.4	
A6 2.8 FSi	[BDX]					11.06-	114837	12	1.2	
	[CCDA]					10.08-	114837	12	1.2	
	[CCEA]					10.08-	114837	12	1.2	
A6 2.8 FSi Quattro	[BDX]					06.07-	114837	12	1.2	
	[CCDA]					10.08-	114837	12	1.2	
	[CCEA]					10.08-	114837	12	1.2	
A6 3.0	[ASN]	06.01- 05.04	113751	14	120	08.01-	111769	12	1.4	
		08.01-	113510	14	140					
A6 3.0 Quattro	[ASN]	06.01- 05.04	113751	14	120	08.01-	111769	12	1.4	
		08.01-	113510	14	140					
A6 3.0 TFSi Quattro	[CAJA]					10.08-	114837	12	1.2	
	[CCAA]					10.08- 08.11	114837	12	1.2	
A6 3.0 TDi Allroad Quattro	[ASB]					05.06-	114094	12	2.2	
	[BNG]					05.06-	114094	12	2.2	
A6 3.0 TDi Quattro	[ASB]					06.06-	114094	12	2.2	
	[BMK]					05.04-	114094	12	2.2	
						05.04-	111995	12	2.0	
	[BNG]					05.04-	114094	12	2.2	
A6 3.2 FSi	[AUK]					05.04- 05.09	114837	12	1.2	
	[BKH]					05.04- 05.09	114837	12	1.2	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

AUDI Continued

	[CALA]					05.09- 03.11	114837	12	1.2
A6 3.2 FSI Allroad Quattro	[AUK]					05.06- 10.08	114837	12	1.2
A6 3.2 FSI Quattro	[AUK]					05.04-	114837	12	1.2
	[BKH]					05.04-	114837	12	1.2
A6 4.2 Quattro	[ARS]	11.98- 01.05	113882	14	120	11.98-	111817	12	1.8
	[ASG]	11.98- 01.05	113882	14	120	06.00-	111817	12	1.8
	[AWN]	11.98- 01.05	113882	14	120	06.00-	111817	12	1.8
	[BAT]					05.04-	111817	12	1.8
A8 2.5 TDi	[AFB]	01.97- 04.00	113758	14	120	06.97- 04.00	111995	12	2.0
	[AKE]					09.00-	111995	12	2.0
	[AKN]	01.97- 04.00	113758	14	120	07.97- 10.00	111995	12	2.0
A8 2.5 TDi Quattro	[AFB]	07.97- 04.00	113758	14	120	07.97-	111995	12	2.0
	[AKE]					09.00-	111995	12	2.0
	[AKN]	07.97- 04.00	113758	14	120	07.97-	111995	12	2.0
A8 2.8	[APR]	07.95- 12.98	112806	14	120	04.97- 12.98	111769	12	1.4
						07.95- 04.97	112309	12	1.4
	[ACK]	07.95- 12.98	112806	14	120	04.97- 12.98	111769	12	1.4
						07.95- 04.97	112309	12	1.4
	[AEJ]	07.95-	112806	14	120	07.95-	112309	12	1.4
	[ALG]	10.97- 12.98	112806	14	120	10.97- 12.98	111769	12	1.4
	[AMX]	07.95- 12.98	112806	14	120	07.95- 04.97	112309	12	1.4
						04.97- 12.98	111769	12	1.4
	[AOD]	07.95- 12.98	112806	14	120	07.95- 04.97	112309	12	1.4
						04.97- 12.98	111769	12	1.4
	[AAH]	06.94- 03.96	112806	14	120	06.94- 03.96	112309	12	1.4
A8 2.8 Quattro	[APR]	04.96-	112806	14	120	04.96- 04.97	112309	12	1.4
						04.97-	111769	12	1.4
	[ACK]	04.96-	112806	14	120	04.96- 04.97	112309	12	1.4
						07.95-	112309	12	1.4
	[AEJ]	07.95-	112806	14	120	04.97-	111769	12	1.4
	[AMX]	04.96-	112806	14	120	04.96- 04.97	112309	12	1.4
						04.96- 04.97	112309	12	1.4
	[AOD]	04.96-	112806	14	120	04.96- 04.97	112309	12	1.4
						04.97-	111769	12	1.4
	[AAH]	09.94- 03.96	112806	14	120	09.94- 03.96	112309	12	1.4
A8 2.8 FSI	[BDX]					08.07-	114837	12	1.2
A8 3.0	[ASN]					08.03-	111769	12	1.4
	[BBJ]	07.03-	113751	14	120	07.03-	111769	12	1.4
		07.03-	113882	14	120				
A8 3.0 TDi Quattro	[BNG]	11.03-	113751	14	120	11.03-	114094	12	2.2
A8 3.2 FSI	[BPK]					06.05-	114837	12	1.2
A8 3.2 FSI Quattro	[BPK]					06.05-	114837	12	1.2
A8 3.7	[AEW]					07.95-	111817	12	1.8
	[AOG]					11.98-	111817	12	1.8
A8 3.7 Quattro	[AEW]					07.95-	111817	12	1.8
	[AOG]					11.98-	111817	12	1.8
A8 4.2 Quattro	[ABZ]					06.94- 07.96	111817	12	1.8
	[AEM]					06.94- 07.96	111817	12	1.8
	[AQF]					11.98-	111817	12	1.8
	[ARU]					02.99-	111817	12	1.8
	[AUW]					11.98-	111817	12	1.8
	[AUX]					11.98-	111817	12	1.8
Allroad 2.5 TDi Quattro	[AKE]	05.00- 08.05	113510	14	140	05.00- 05.03	111995	12	2.0
		05.00- 08.05	113751	14	120				
	[BAU]	05.00- 08.05	112079	14	90 A47	02.03- 01.05	111995	12	2.0
	[BCZ]	06.03-	113510	14	140	06.03-	111995	12	2.0
Allroad 2.7 Turbo Quattro	[ARE]	05.00- 05.02	113510	14	140	05.00- 06.02	111769	12	1.4
	[BES]	07.02- 08.05	113510	14	140	07.02- 08.05	111769	12	1.4
Allroad 4.2 V8 Quattro	[BAS]					07.02-	111769	12	1.4
Cabriolet 1.8	[ADR]					01.97- 08.00	112321	12	1.1
Cabriolet 1.9 TDi	[1Z]	AT 06.95- 07.96	111676	14	90	06.95- 07.96	111694	12	1.8
	[AHU]	AT 07.96-	111676	14	90	07.96-	111694	12	1.8
Cabriolet 2.0	[ABK]	01.93- 09.98	112712#	14	90	01.93- 09.98	112321	12	1.1
Cabriolet 2.0 16V	[ACE]	06.95- 07.96	112798	14	90	05.95- 07.96	112321	12	1.1
Cabriolet 2.3	[NG]	05.91- 07.94	112750	14	90	05.91- 07.94	111010	12	1.4
		05.91- 07.94	112777	14	115				
Cabriolet 2.6	[ABC]	01.94-	112806	14	120	01.94-	112309	12	1.4
	[ACZ]	Chas. 8G-P-004 001- 05.95- 12.99	112806	14	120	05.95- 12.99	112309	12	1.4
Cabriolet 2.8	[AAH]	11.92- 08.00	112806	14	120	11.92- 08.00	112309	12	1.4
Coupe 1.6	[YN]	07.80- 08.81	111652#	14	65	07.80- 08.81	110865	12	0.95
Coupe 1.8	[DD]	08.81- 08.82	111652#	14	65	08.81- 08.82	110865	12	0.95
	[DZ]	08.89- 07.91	112149	14	65				
Coupe 1.8 GT	[DS]	09.82- 05.83	111652#	14	65	09.82- 10.88	110865	12	0.95
		06.83- 07.85	110919	14	70				
		08.85- 10.88	112149	14	65				
	[DZ]	08.86- 10.88	112149	14	65	08.86- 10.88	110865	12	0.95
	[JN]	01.85- 07.85	110919	14	70	01.85- 07.88	110865	12	0.95
		08.85- 07.88	112149	14	65				
	[JV]	09.82- 05.83	111652#	14	65	09.82- 10.88	110865	12	0.95
		06.83- 07.85	110919	14	70				
		08.85- 10.88	112149	14	65				
	[PV]	08.86- 10.88	112149	14	65	08.86- 10.88	110865	12	0.95
	[SF]	04.86- 10.88	112149	14	65	04.86- 10.88	110865	12	0.95
Coupe 1.8 GT Quattro	[DS]					09.85- 10.88	110865	12	0.95
	[DZ]					12.84- 10.88	110865	12	0.95
	[JN]					09.85- 10.88	110865	12	0.95
	[NE]					09.85- 10.88	110865	12	0.95





Coupe 1.9	[WN]	08.80- 07.81	110911	14 55	08.80- 08.82	110824#	12 1.1
		08.80- 07.81	111139	14 75	09.82- 07.83	111010	12 1.4
		08.81- 05.83	111652#	14 65			
Coupe 2.0	[3A]				AT 05.89- 07.90	110865	12 0.95
	[ABK]	05.89- 07.91	112149	14 65	05.89- 12.96	112321	12 1.1
		09.91- 07.92	112798	14 90			
		08.92-	112712#	14 90			
	[ACE]	08.92- 07.93	112798	14 90	08.92- 12.95	112321	12 1.1
		07.93- 12.95	112712#	14 90			
	[HP]				09.83- 07.86	111010	12 1.4
	[JS]				09.83- 07.86	111010	12 1.4
Coupe 2.0 16V	[6A]	01.92- 07.92	112798	14 90	01.92- 07.92	112321	12 1.1
					08.89- 07.91	111010	12 1.4
					08.89- 07.91	111010	12 1.4
					08.89- 07.91	111010	12 1.4
Coupe 2.0 20V	[NM]						
Coupe 2.0 20V Quattro	[NM]	08.89- 07.91	112750	14 90	08.89- 07.91	111010	12 1.4
Coupe 2.1	[WE]	01.81- 05.83	111652#	14 65	01.81- 07.83	111010	12 1.4
Coupe 2.1 Turbo 20V Quattro	[KW]				05.84- 07.87	111010	12 1.4
Coupe 2.1 Turbo Quattro	[GV]	07.80- 07.81	111139	14 75	07.80- 07.87	111010	12 1.4
					07.80- 07.87	110824#	12 1.1
	[WR]	07.80- 07.81	111139	14 75	07.80- 07.87	111010	12 1.4
					07.80- 07.87	110824#	12 1.1
Coupe 2.2 Quattro	[JT]				12.84- 10.88	111010	12 1.4
	[KV]	11.88- 07.91	112750	14 90	12.84- 07.91	111010	12 1.4
Coupe 2.2 S2 Quattro	[3B]	08.89- 09.92	112750	14 90	09.90- 09.92	111010	12 1.4
		AC 09.90- 09.92	112777	14 115			
	[ABY]	10.92- 12.95	113867	14 120	10.92- 12.95	111010	12 1.4
Coupe 2.2 20V Quattro	[RR]	08.89- 07.91	112750	14 90	08.89- 07.91	111010	12 1.4
Coupe 2.2 GT	[KE]	04.82- 07.84	111652#	14 65	04.82- 07.84	111010	12 1.4
	[KL]	04.82- 07.84	111652#	14 65	04.82- 07.84	111010	12 1.4
	[KV]				09.84- 10.88	111010	12 1.4
	[KX]				01.84- 10.88	111010	12 1.4
Coupe 2.2 Turbo Quattro	[1B]	08.87- 11.90	112750	14 90	02.88- 11.90	111010	12 1.4
		08.88- 11.90	112777	14 115			
	[MB]	08.88- 07.89	112750	14 90	08.87- 07.89	111010	12 1.4
		08.88- 07.89	112777	14 115			
Coupe 2.3	[NG]	10.88- 12.96	112750	14 90	02.87- 07.94	111010	12 1.4
		10.88- 07.94	112777	14 115			
		AC 10.88- 07.94	112777	14 115			
Coupe 2.3 Quattro	[NG]	11.88- 07.94	112750	14 90	01.87- 07.94	111010	12 1.4
		AC 11.88- 07.94	112777	14 115			
Coupe 2.3 20V	[7A]	11.88- 12.96	112750	14 90	08.89- 07.91	111010	12 1.4
		AC 08.89- 07.91	112777	14 115			
Coupe 2.3 20V Quattro	[7A]	11.88- 07.91	112750	14 90	11.88- 07.91	111010	12 1.4
		AC 11.88- 07.91	112777	14 115			
Coupe 2.6	[ABC]	08.92- 12.95	112806	14 120	08.92- 12.95	112309	12 1.4
Coupe 2.6 Quattro	[ABC]	08.92- 12.95	112806	14 120	08.92- 12.95	112309	12 1.4
Coupe 2.8	[AAH]	09.91- 12.95	112806	14 120	09.91- 12.95	112309	12 1.4
Coupe 2.8 Quattro	[AAH]	08.91- 12.95	112806	14 120	08.91- 12.95	112309	12 1.4
Q3 2.0 TFSi Quattro	[CCZC]				06.11-	113773	12 1.1
Q3 2.0 TDi	[CFFA]				09.11-	115402	12 1.8
	[CFFB]				09.11-	115402	12 1.8
					A25 05.13-	115402	12 1.8
					05.13-	113841	12 1.7
Q3 2.0 TDi Quattro	[CFFB]				01.12-	115402	12 1.8
Q5 2.0 TFSi	[CDNB]				08.09-	115394	12 1.1
	[CPMA]				11.08-	115394	12 1.1
Q5 2.0 TFSi Quattro	[CNCD]				06.12-	115394	12 1.1
	[CPMB]				05.13-	115394	12 1.1
Q5 2.0 TDi	[CAGA]	08.09-	114322	14 140			
	[CAGB]	08.09-	114322	14 140			
	[CAHA]	11.08-	114322	14 140			
	[CAHB]	11.08-	114322	14 140			
Q7 3.0 TDi	[BUG]				03.06-	114690	12 2.0
					03.06- 05.08	115375	12 2.0
					03.06- 05.08	115502	12 2.2 A49
					03.06- 11.07	114775	12 2.2
					03.06- 11.07	114690	12 2.0
					03.06- 11.07	115375	12 2.0
					03.06- 11.07	115502	12 2.2 A49
	[CASA]				11.07-	114775	12 2.2
					11.07-	115502	12 2.2 A49
	[CASB]				11.07-	114775	12 2.2
					11.07-	115502	12 2.2 A49
	[CATA]				06.09- 05.12	114775	12 2.2
					06.09- 05.12	115502	12 2.2 A49
	[CCMA]				06.09-	114775	12 2.2
					06.09-	115502	12 2.2 A49
	[CJGD]				05.11-	114775	12 2.2
					05.11-	115502	12 2.2 A49
	[CJMA]				05.10-	114775	12 2.2
					05.10-	115502	12 2.2 A49
[CRCA]				05.11-	114775	12 2.2	
				05.11-	115502	12 2.2 A49	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

AUDI Continued

S3 1.8 Quattro	[AMK]	09.00- 04.02	111989	14 90	09.00- 04.02	112429	12 2.0	
		09.00- 04.02	112075	14 70				
		09.00- 04.02	115482	14 90 A49				
		09.00- 04.02	115483	14 120 A49				
		03.99- 04.02	112002	14 120 A47				
		03.99- 04.02	114797	14 120 A46				
S3 1.8 Quattro	[APY]	08.98- 08.00	111989	14 90	08.98- 08.00	112429	12 2.0	
		08.98- 08.00	112075	14 70				
		08.98- 08.00	115482	14 90 A49				
		08.98- 08.00	115483	14 120 A49				
		03.99- 04.02	112002	14 120 A47				
		03.99- 04.02	114797	14 120 A46				
S3 1.8 Quattro	[AUL]	09.00- 04.02	115482	14 90 A49				
		09.00- 04.02	115483	14 120 A49				
S3 1.8 Quattro	[BAM]	08.01- 06.03	115482	14 90 A49	08.01- 06.03	112429	12 2.0	
		08.01- 06.03	115483	14 120 A49				
		10.01-	111989	14 90				
		10.01-	112002	14 120 A47				
		10.01- 05.03	114797	14 120 A46				
S3 2.0 Quattro	[BHZ]	06.08-	113992	14 140 A47				
S3 2.0 TFSi Quattro	[BHZ]	11.06-	113992	14 140 A47	11.06-	113773	12 1.1	
S4 2.2 Turbo Quattro	[AAN]	08.91- 06.94	112777	14 115 ▲	08.91- 07.94	111010	12 1.4	
S6 2.2 Turbo Quattro	[AAN]	06.94-	112806	14 120	06.94-	111010	12 1.4	
S6 4.2 Plus Quattro	[AHK]	06.96-	112777	14 115				
S6 4.2 Quattro	[AEC]	09.94- 07.97	112777	14 115				
	[ANK]				09.00-	111817	12 1.8	
S8 4.2 Quattro	[AQJ]				09.99-	111817	12 1.8	
	[AHC]				09.96-	111817	12 1.8	
	[AQH]				06.99-	111817	12 1.8	
TT 1.8 TFSi	[CDAA]				06.08-	114163	12 1.1	
TT 1.8 Turbo	[AJO]	07.98-	111989	14 90	AT 07.98-	112005	12 1.1	
		10.98-	112002	14 120 A47	07.98-	111909	12 1.1	
		10.98-	114797	14 120 A46				
		10.98- 08.00	115482	14 90 A49				
		10.98- 08.00	115483	14 120 A49				
	[APP]	11.98- 09.00	115483	14 120 A49	07.98-	111909	12 1.1	
		10.99- 09.00	115482	14 90 A49	07.98-	112005	12 1.1	
	[ARY]	10.98- 05.05	115482	14 90 A49	07.98-	112005	12 1.1	
		10.98- 05.05	115483	14 120 A49	07.98-	111909	12 1.1	
	[ATC]	10.98- 08.00	115482	14 90 A49	07.98-	112005	12 1.1	
		10.98- 08.00	115483	14 120 A49	07.98-	111909	12 1.1	
	[AUM]	01.01-	111989	14 90	01.01-	112005	12 1.1	
		01.01-	115482	14 90 A49				
		01.01-	115483	14 120 A49				
		09.02-	112002	14 120 A47				
		09.02-	114797	14 120 A46				
	[AUO]	08.00- 06.06	115482	14 90 A49	07.98-	112005	12 1.1	
		08.00- 06.06	115483	14 120 A49	07.98-	111909	12 1.1	
	[AWP]	10.98- 06.06	115482	14 90 A49	07.98-	112005	12 1.1	
		10.98- 06.06	115483	14 120 A49	07.98-	111909	12 1.1	
	[BVP]	09.05-	111989	14 90	AT 09.05-	114174	12 1.1	
		09.05-	112002	14 120 A47	09.05-	112005	12 1.1	
		09.05-	114797	14 120 A46	09.05-	113842	12 1.7	
		09.05-	115482	14 90 A49	09.05-	115508	12 1.7 A49	
		09.05-	115483	14 120 A49				
	[BVR]	09.05-	111989	14 90	09.05-	113842	12 1.7	
		09.05-	112002	14 120 A47	09.05-	115508	12 1.7 A49	
		09.05-	114797	14 120 A46				
		09.05-	115482	14 90 A49				
		09.05-	115483	14 120 A49				
	TT 1.8 Turbo Quattro	[AJO]	07.98-	111989	14 90	07.98-	112429	12 2.0
			10.98-	112002	14 120 A47			
			10.98-	114797	14 120 A46			
		10.98-	115482	14 90 A49				
		10.98-	115483	14 120 A49				
[AMU]		10.98-	115482	14 90 A49				
		10.98-	115483	14 120 A49				
[APX]		07.98-	112002	14 120	07.98- 05.01	112429	12 2.0	
		10.98-	111989	14 90	10.98-	114174	12 1.1	
		10.98-	115482	14 90 A49				
		10.98-	115483	14 120 A49				
		AC 10.98-	112002	14 120 ▲				
[ARY]		10.98-	115482	14 90 A49	10.98-	114174	12 1.1	
		10.98-	115483	14 120 A49	07.98- 05.01	112429	12 2.0	
[ATC]		07.98- 08.00	115482	14 90 A49				
		07.98- 08.00	115483	14 120 A49				
[AUM]		10.99-	115482	14 90 A49	10.99-	112429	12 2.0	
		10.99-	115483	14 120 A49				
[AWP]		10.98-	115482	14 90 A49	02.00-	114174	12 1.1	
		10.98-	115483	14 120 A49				
[BAM]		10.99-	115482	14 90 A49	07.98- 05.01	112429	12 2.0	
		10.99-	115483	14 120 A49	10.98-	114174	12 1.1	
[BFV]		03.05-	111989	14 90	03.05-	112005	12 1.1	
		03.05-	112002	14 120 A47				
		03.05-	114797	14 120 A46				
		03.05-	115482	14 90 A49				
		03.05-	115483	14 120 A49				



	[BVR]	09.05- 09.05- 09.05- 09.05- 09.05-	111989 112002 114797 115482 115483	14 90 14 120 A47 14 120 A46 14 90 A49 14 120 A49	09.05- 09.05-	113842 115508	12 1.7 12 1.7 A49
TT 1.8 Turbo Roadster	[AUM]	01.01- 01.01- 01.01- 01.01- 01.01-	111989 112002 114797 115482 115483	14 90 14 120 A47 14 120 A46 14 90 A49 14 120 A49	01.01-	112005	12 1.1
TT 2.0 TFSi	[BWA]	08.06- 06.10	113992	14 140 A47	AT 08.06- 06.10 10.06- 06.10	115333 113773	12 1.0 12 1.1
	[CESA]				05.10-	113773	12 1.1
TT 2.0 TFSi Quattro	[CDLB]	05.08-	113992	14 140 A47	AT 05.08-	115333	12 1.0
	[CESA]				05.10-	113773	12 1.1
	[CETA]				05.10-	113773	12 1.1
TT 2.0 TDi Quattro	[CBBB]	06.08-	113992	14 140 A47			
TT 2.5 TFSi Quattro	[CEPA]	07.09-	113992	14 140 A47			
TT 3.2 V6 Quattro	[BUB]	08.06- 06.10	113992	14 140 A47	08.06- 06.10	113841	12 1.7
TT 3.2 VR6 Quattro	[BHE]	07.03- 07.03- 07.03- 06.06 07.03- 06.06 07.03- 06.06	111989 112002 114797 115482 115483	14 90 14 120 A47 14 120 A46 14 90 A49 14 120 A49	07.03- 06.06 07.03- 07.03- 06.06	114174 112005	12 1.1 12 1.1
	[BPF]	07.03- 05.05 07.03- 05.05	115482 115483	14 90 A49 14 120 A49	06.04- 05.05	114174	12 1.1
V8 3.6 Quattro	[PT]	10.88- 02.94	112777	14 115			
V8 4.2 Quattro	[ABH]	10.91- 02.94	112777	14 115			
Various Models					AT 08.88- 08.91 08.91- 11.94- 06.94- 06.91- 07.94	110865 111010 112309 112321 112537	12 0.95 12 1.4 12 1.4 12 1.1 12 2.2
<b>PASSENGER CARS US</b>							
80 2.0	[3A]	01.88- 01.90	112729	14 90	01.88- 01.90	110865	12 0.95
80 2.3	[NG]	01.91- 01.92	112777	14 115	01.91- 01.92	111010	12 1.4
80 2.3 Quattro	[NG]	01.88- 01.92	112777	14 115	01.88- 01.92	111010	12 1.4
90 1.8 Super					01.70- 01.72	110869	12 1.5
90 2.0	[3A]	01.88- 01.88	112729	14 90	01.88- 01.88	110865	12 0.95
90 2.3	[NG]	01.88- 01.91	112777	14 115	01.88- 01.91	111010	12 1.4
90 2.3 Quattro	[NG]	01.88- 01.89	112777	14 115	01.88- 01.89	111010	12 1.4
90 2.3 20V Quattro	[7A]	01.90- 01.91	112777	14 115	01.90- 01.91	111010	12 1.4
90 2.8	[AFC]	01.95- 01.95	112806	14 120	01.95- 01.95	112309	12 1.4
	[AAH]	01.95-	112806	14 120	01.95-	112309	12 1.4
90 2.8 Quattro	[AFC]	01.95- 01.95	112806	14 120	01.95- 01.95	112309	12 1.4
	[AAH]	01.95-	112806	14 120	01.95-	112309	12 1.4
90 2.8 Sport	[AFC]	01.95- 01.95	112806	14 120	01.95- 01.95	112309	12 1.4
	[AAH]	01.95-	112806	14 120	01.95-	112309	12 1.4
90 2.8 Sport Quattro	[AFC]	01.95- 01.95	112806	14 120	01.95- 01.95	112309	12 1.4
	[AAH]	01.95-	112806	14 120	01.95-	112309	12 1.4
90 2.8 CS	[AFC]	01.94- 01.94	112806	14 120	01.94- 01.94	112309	12 1.4
	[AAH]	01.93- 01.94	112806	14 120	01.93- 01.94	112309	12 1.4
90 2.8 CS Quattro	[AFC]	01.94- 01.94	112806	14 120	01.94- 01.94	112309	12 1.4
	[AAH]	01.93- 01.94	112806	14 120	01.93- 01.94	112309	12 1.4
90 2.8 S	[AFC]	01.94- 01.94	112806	14 120	01.94- 01.94	112309	12 1.4
	[AAH]	01.93- 01.94	112806	14 120	01.93- 01.94	112309	12 1.4
100 1.8 LS	[ZT]				01.70- 01.71	110869	12 1.5
	[ZY]				01.70- 01.70	110869	12 1.5
100 1.9	[ZK]				01.72- 01.72	110997	12 0.8
	[ZL]				01.72- 01.73	110997	12 0.8
	[ZW]				01.73- 01.73	110997	12 0.8
100 1.9 GL	[ZK]				01.72- 01.72	110997	12 0.8
	[ZL]				01.72- 01.73	110997	12 0.8
	[ZW]				01.73- 01.73	110997	12 0.8
100 1.9 LS	[XT]				01.74- 01.74 01.74- 01.74	110824# 110997	12 1.1 12 0.8
	[XU]				01.74- 01.74 01.74- 01.74	110824# 110997	12 1.1 12 0.8
	[YA]	01.75-	111139	14 75	01.75- 01.75-	110997 110824#	12 0.8 12 1.1
	[YB]	01.75- 01.75	111139	14 75	01.75- 01.75	110824#	12 1.1
	[YC]	01.75- 01.77	111139	14 75	01.75- 01.77	110997	12 0.8
	[YD]	01.75- 01.77	111139	14 75	01.75- 01.77	110824#	12 1.1
	[ZE]				01.75- 01.77	110997	12 0.8
	[ZG]				01.74- 01.74-	110824# 110997	12 1.1 12 0.8
	[ZH]				01.74- 01.74 01.74- 01.74	110824# 110997	12 1.1 12 0.8
	[ZK]				01.72- 01.72	110824#	12 1.1
	[ZL]				01.72- 01.72	110997	12 0.8
	[ZM]				01.72- 01.73	110824#	12 1.1
	[ZN]				01.72- 01.73	110997	12 0.8
	[ZO]				01.73- 01.73 01.73- 01.73	110824# 110997	12 1.1 12 0.8
100 2.3	[NF]	01.89- 01.91	112777	14 115	01.89- 01.91	111010	12 1.4
100 2.3 Quattro	[NF]	01.89- 01.91	112777	14 115	01.89- 01.91	111010	12 1.4
100 2.3 E	[NF]	01.89-	112777	14 115	01.89-	111010	12 1.4

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

AUDI Continued

100 2.8	[AAH]	01.92- 01.93	112806	14	120	01.92- 01.93	112309	12	1.4
100 2.8 CS	[AAH]	01.92- 01.94	112806	14	120	01.92- 01.94	112309	12	1.4
100 2.8 CS Quattro	[AAH]	01.92- 01.94	112806	14	120	01.92- 01.94	112309	12	1.4
100 2.8 S	[AAH]	01.92- 01.94	112806	14	120	01.92- 01.94	112309	12	1.4
100 2.8 S Quattro	[AAH]	01.93-	112806	14	120	01.93-	112309	12	1.4
200 2.2 Quattro	[MC]	01.89-	112729	14	90	01.89-	111010	12	1.4
		01.89-	112777	14	115				
200 2.2 Turbo	[MC]	01.89-	112729	14	90	01.89- 01.91	111010	12	1.4
		01.89- 01.91	112777	14	115				
200 2.2 Turbo 10V Quattro	[MC]	01.91-	112777	14	115	01.91-	111010	12	1.4
200 2.2 Turbo 20V Quattro	[3B]	01.91-	112777	14	115	01.91-	111010	12	1.4
200 2.2 Turbo Quattro	[MC]	01.90-	112777	14	115	01.90-	111010	12	1.4
4000 1.6	[YG]	01.80-	110913	14	70	01.80-	111058	12	0.8
	[YH]	01.80-	110913	14	70	01.80-	111058	12	0.8
4000 1.6	[CR]	01.82-	111035	14	65				
	[JK]	01.83-	111035	14	65				
4000 1.6 Turbo	[CY]	01.82- 01.83	111035	14	65				
4000 1.7	[WT]	01.81- 01.83	110913	14	70	01.81- 01.83	111058	12	0.8
						01.81- 01.83	110865	12	0.95
4000 1.8 S	[JN]					01.84-	110865	12	0.95
	[MG]	01.87-	112729	14	90	01.85- 01.87	110865	12	0.95
4000 2.2	[WE]	01.80- 01.83	110911	14	55	01.80- 01.83	110824#	12	1.1
		01.80- 01.83	111139	14	75				
		08.81- 05.83	111652#	14	65				
4000 2.2 CS Quattro	[JT]					01.86- 01.86	111010	12	1.4
4000 2.2 S	[KX]					01.86-	111010	12	1.4
	[WE]					01.84-	111010	12	1.4
4000 2.2 S Quattro	[JT]					01.84- 01.85	111010	12	1.4
5000 2.0	[CN]	01.79- 01.81	110911	14	55	01.81- 01.81	110368	12	2.3
		01.79- 01.81	111139	14	75				
5000 2.0 S	[CN]	01.79- 01.81	110911	14	55	01.79- 01.81	110368	12	2.3
		01.79- 01.81	111139	14	75				
5000 2.0 Turbo	[DE]					01.82- 01.83	110368	12	2.3
						01.84- 01.85	111112	12	2.0
5000 2.2	[WD]	01.78- 01.80	110911	14	55	01.78- 01.83	110824#	12	1.1
		01.78- 01.83	111139	14	75				
		01.81- 01.83	110913	14	70				
	[WE]	01.78- 01.80	110911	14	55	01.78- 01.83	110824#	12	1.1
		01.78- 01.83	111139	14	75				
		01.81- 01.83	110913	14	70				
5000 2.2 CS Turbo	[MC]	01.86- 01.88	112729	14	90	01.86- 01.88	111010	12	1.4
5000 2.2 CS Turbo Quattro	[MC]	01.86- 01.88	112729	14	90	01.86- 01.88	111010	12	1.4
5000 2.2 S	[KZ]	01.88-	112729	14	90	01.85- 01.87	111010	12	1.4
	[WD]	01.79- 01.83	110911	14	55	01.79- 01.83	110824#	12	1.1
		01.79- 01.83	111139	14	75				
	[WE]	01.79- 01.83	110911	14	55	01.79- 01.83	110824#	12	1.1
		01.79- 01.83	111139	14	75				
	[WU]					01.84- 01.84	111010	12	1.4
5000 2.2 S Turbo	[KH]					01.84- 01.85	111010	12	1.4
	[WK]	01.80- 01.80	110911	14	55	01.80- 01.80	110824#	12	1.1
		01.80- 01.80	111139	14	75				
5000 2.2 Turbo	[WK]	01.81- 01.83	110913	14	70	01.81- 01.83	110824#	12	1.1
		01.81- 01.83	111139	14	75				
5000 2.3 S	[NF]	01.87- 01.88	112777	14	115	01.87- 01.88	111010	12	1.4
5000 2.3 S Quattro	[NF]	01.87- 01.88	112777	14	115	01.87- 01.88	111010	12	1.4
A4 1.8 Turbo	[AEB]	01.97- 01.99	111478	14	90	01.97- 01.99	112321	12	1.1
	[AMB]	01.02- 01.03	112399	14	90	01.02- 01.03	112321	12	1.1
	[ATW]	01.00- 01.00	112399	14	90	01.00- 01.00	112321	12	1.1
	[AWM]	01.01- 01.01	112399	14	90	01.01- 01.01	112321	12	1.1
A4 1.8 Turbo Quattro	[AEB]	01.97- 01.99	111478	14	90	01.97- 01.99	112321	12	1.1
	[AMB]	01.02- 01.03	112399	14	90	01.02- 01.03	112321	12	1.1
	[ATW]	01.00- 01.00	112399	14	90	01.00- 01.00	112321	12	1.1
	[AWM]	01.01- 01.01	112399	14	90	01.01- 01.01	112321	12	1.1
A4 2.8	[AFC]	01.96- 01.97	112806	14	120	01.96- 01.97	112309	12	1.4
	[AHA]	01.97- 01.99	112806	14	120	01.97- 01.99	112309	12	1.4
	[ATQ]	01.00- 01.01	112806	14	120	01.00- 01.01	112309	12	1.4
A4 2.8 Quattro	[AFC]	01.96- 01.97	112806	14	120	01.96- 01.97	112309	12	1.4
	[AHA]	01.98- 01.99	112806	14	120	01.98- 01.99	112309	12	1.4
	[ATQ]	01.00- 01.00	112806	14	120	01.00- 01.00	112309	12	1.4
		01.01- 01.01	112399	14	90	01.01- 01.01	111769	12	1.4
A4 3.0	[AVK]					01.02- 01.02	111769	12	1.4
A4 3.0 Quattro	[AVK]					01.02- 01.02	111769	12	1.4
A6 2.7 Turbo Quattro	[APB]					01.00- 01.02	111769	12	1.4
A6 2.8	[AFC]	01.95- 01.98	112806	14	120	01.95- 01.98	112309	12	1.4
	[AHA]	01.98- 01.99	112806	14	120	01.98- 01.99	111769	12	1.4
	[ATQ]	01.00- 01.00	112806	14	120	01.00- 01.00	111769	12	1.4
	[AAH]	01.95-	112806	14	120	01.95-	112309	12	1.4
A6 2.8 Quattro	[AFC]	01.95- 01.98	112806	14	120	01.95- 01.98	112309	12	1.4
	[AHA]	01.98- 01.99	112806	14	120	01.98- 01.99	111769	12	1.4
	[ATQ]					01.00- 01.01	111769	12	1.4
A6 3.0 Quattro	[AVK]					01.02- 01.02	111769	12	1.4
A6 4.2 Quattro	[ART]					01.00- 01.00	111817	12	1.8
	[AWN]					01.01- 01.02	111817	12	1.8
A8 3.7	[AEW]					01.97- 01.99	111817	12	1.8
A8 4.2 Quattro	[ABZ]					01.97- 01.99	111817	12	1.8
	[AKB]					01.00- 01.02	111817	12	1.8
	[AUX]					01.01- 01.02	111817	12	1.8
A8 4.2 L Quattro	[AKB]					01.01- 01.02	111817	12	1.8
	[AUX]					01.01- 01.02	111817	12	1.8



Allroad 2.7 Turbo Quattro	[APB]					01.01- 01.02	111769	12	1.4
Cabriolet 2.8	[AFC]	01.95- 01.98	112806	14	120	01.95- 01.98	112309	12	1.4
	[AAH]	01.94-	112806	14	120	01.94-	112309	12	1.4
Coupe 2.2	[WE]	01.81- 01.82	111139	14	75	01.81- 01.82	110824#	12	1.1
Coupe 2.2 GT	[KX]	01.86- 01.87	112729	14	90	01.84- 01.87	111010	12	1.4
						01.84- 01.85	110824#	12	1.1
	[WE]	01.83- 01.84	110913	14	70	01.83- 01.84	110824#	12	1.1
		01.83- 01.84	111139	14	75	01.83- 01.84	111010	12	1.4
Coupe 2.2 Turbo Quattro	[WX]	01.83- 01.84	111139	14	75	01.85-	111010	12	1.4
						01.83- 01.84	110824#	12	1.1
Coupe 2.3 Quattro	[7A]	01.90- 01.91	112777	14	115	01.90- 01.91	111010	12	1.4
Coupe 2.3 GT	[NG]	01.87-	112729	14	90	01.87-	111010	12	1.4
Fox 1.5	[XV]					01.74-	111058	12	0.8
	[XW]					01.74-	111058	12	0.8
	[XY]					01.74-	111058	12	0.8
	[XZ]					01.74-	111058	12	0.8
	[ZD]					01.73-	111058	12	0.8
	[ZE]					01.73-	111058	12	0.8
Fox 1.6	[YG]					01.75- 01.79	111058	12	0.8
	[YH]					01.75- 01.79	111058	12	0.8
	[YK]	01.76-	110975	14	65	01.76-	111058	12	0.8
S4 2.2 Turbo	[AAN]	01.92- 01.94	112777	14	115	01.92- 01.94	111010	12	1.4
S4 2.7 Turbo	[APB]					01.00- 01.02	111769	12	1.4
S6 2.2 Turbo	[AAN]	01.95-	112806	14	120	01.95-	111010	12	1.4
S6 4.2	[BBD]					01.02- 01.02	111817	12	1.8
S8 4.2	[AYS]					01.02- 01.02	111817	12	1.8
						01.01- 01.01	111817	12	1.8
TT 1.8 Turbo	[ATC]	01.00- 01.00	112402	14	120	01.00- 01.00	112005	12	1.1
	[AWP]	01.01- 01.02	112402	14	120	01.01- 01.02	112429	12	2.0
		01.03-	112002	14	120 A47	01.01- 01.02	112005	12	1.1
		01.03-	114797	14	120 A46				
TT 1.8 Turbo Quattro	[AMU]	01.01- 01.02	112402	14	120	01.01- 01.02	112429	12	2.0
						01.01- 01.02	112005	12	1.1
	[ATC]	01.00- 01.00	112402	14	120	01.00- 01.00	112005	12	1.1
	[AWP]	01.01- 01.02	112402	14	120	01.01- 01.02	112005	12	1.1
						01.01- 01.02	112429	12	2.0
	[BEA]	01.03-	112002	14	120 A47				
		01.03-	112402	14	120				
		01.03-	114797	14	120 A46				
V8 3.6 32V Quattro	[PT]	01.90- 01.91	112777	14	115				
V8 4.2 32V Quattro	[ABH]	01.92- 01.94	112777	14	115				
<b>PASSENGER CARS AO</b>									
A3 1.8 Turbo	[BVZ]					08.06-	113773	12	1.1
A3 2.0	[BUY]	06.06-	113992	14	140 A47				
		06.06- 08.12	115370	14	110				
A3 2.0 Sportback	[BUY]	06.06-	113992	14	140 A47				
		06.06-	115370	14	110				
A3 3.2 V6	[BMJ]	11.05-	113992	14	140 A47				
	[BUB]	11.05-	113992	14	140 A47				
A4 1.8 FSi	[CDHA]					04.08-	115394	12	1.1
A4 2.0 TDi	[BVF]	11.05- 03.08	113992	14	140 A47	AT 11.05- 03.08	114177	12	2.0
						11.05- 03.08	114096	12	2.0
A4 2.0 TDi Quattro	[CAHA]	01.08-	114322	14	140				
A4 2.4	[AFM]	06.96- 07.97	111478	14	90				
		06.96- 07.97	112086	14	60				
A4 2.6	[ACZ]	06.96- 07.97	111478	14	90				
		06.96- 07.97	112806	14	120				
A6 3.0 TDi PF	[ASB]					06.06-	114094	12	2.2
A8 3.0 L Quattro	[ASN]	08.03- 05.05	113751	14	120	08.03- 05.05	111769	12	1.4
	[BBJ]	11.03- 05.04	113751	14	120	11.03- 05.06	111769	12	1.4
TT 2.0 Quattro	[CDLA]	05.08-	113992	14	140 A47	A41 05.08-	115333	12	1.0
<b>Austin</b>									
<b>PASSENGER CARS EU</b>									
1100 MK 1.1		01.72- 12.74	110178	14	36	01.70- 12.74	111102	12	0.8
		01.73- 12.74	110759	14	35				
1300 MK 1.3		01.73- 12.74	110759	14	35	01.70- 12.74	111102	12	0.8
		01.72- 12.74	110178	14	36				
1300 MK 1.3 GT		01.72- 12.74	110178	14	36	01.70- 12.74	111102	12	0.8
		01.73- 12.74	110759	14	35				
Allegro 1.0	[99H]	01.80- 10.83	111185	14	43 A47	01.80- 10.83	111102	12	0.8
Allegro 1.1	[10H]	05.73- 10.81	110178	14	36	05.73- 10.81	111102	12	0.8
		05.73- 04.77	110759	14	35				
		05.73- 10.81	111185	14	43 A47				
Allegro 1.3	[12H]	05.73- 10.83	110178	14	36	05.73- 10.83	111102	12	0.8
		05.73- 04.77	110759	14	35				
		05.73- 10.83	111185	14	43 A47				
	[12L]	01.75- 10.79	110178	14	36	01.75- 10.79	111102	12	0.8
		01.75- 10.79	113378	14	45				
Allegro 1.5	[14H]	05.73-	110178	14	36	05.73- 03.82	111102	12	0.8
		05.73- 03.82	111185	14	43 A47				
		08.75-	113378	14	45				
Allegro 1.7	[17LA]	01.75- 10.79	110178	14	36				
		08.79-	110178	14	36				
		08.79-	111185	14	43 A47				
Ambassador 1.7	[17HL]	03.82- 02.84	111289	14	70				
Ambassador 2.0	[20H]	03.82- 10.84	111289	14	70				
Maestro 1.3	[12H]	03.83- 08.90	110770	14	55				
		03.83-	113474	14	65				
	[12H999AA]	03.83- 08.85	111289	14	70				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



**AUSTIN** *Continued*

Maestro 1.6	[16H956AK]	03.83- 10.84	111086	14 65			
		03.83- 10.84	113474	14 65			
	[16HA03AL]	03.83- 08.85	111086	14 65			
		03.83-	113474	14 65			
Maestro 1.6 MG	[16HA35AL]	03.83- 08.90	111086	14 65			
		03.83-	113474	14 65			
Maestro 2.0	[20HA50AA]	10.84- 08.90	110770	14 55	10.84- 08.90	111131	12 0.8
	[20HC51AA]	10.84- 08.90	110770	14 55	10.84- 08.90	111131	12 0.8
	[20HC81]	10.84- 08.90	110770	14 55	10.84- 08.90	111131	12 0.8
Maxi 1.5 1500	[14H]	04.69- 07.80	110178	14 36	04.69- 07.80	111102	12 0.8
Maxi 1.7 1750	[17H]	10.80- 12.82	110178	14 36			
		10.80- 12.82	113378	14 45			
Maxi 1.7 1750 HLS	[17H]	10.80- 12.82	113378	14 45			
Maxi 1.8 1750	[17H]	04.69- 10.80	110178	14 36	04.69- 10.80	111102	12 0.8
		10.72- 10.80	110178	14 36	10.72- 10.80	111102	12 0.8
Metro 1.0	[99H]	10.80- 04.90	111185	14 43 A47	10.80- 12.86	111102	12 0.8
		10.80- 04.90	111289	14 70			
	[99HA65P]	10.80- 04.90	111185	14 43 A47	10.80- 12.86	111102	12 0.8
		10.80- 04.90	111289	14 70			
Metro 1.3	[12H]	10.80- 04.90	111185	14 43 A47	10.80-	111102	12 0.8
		01.85- 04.90	111289	14 70			
	[12H996AA]	10.80- 12.85	111185	14 43 A47	10.80-	111102	12 0.8
		01.85- 12.85	111289	14 70			
	[12HA83AA]	10.80- 04.90	111185	14 43 A47	10.80-	111102	12 0.8
		01.85- 04.90	111289	14 70			
	[12HC21AA]	11.85- 04.90	111289	14 70	11.85- 12.86	111102	12 0.8
	[12HL]	10.80- 12.83	111185	14 43 A47			
Metro 1.3 Turbo	[12HA85AA]	10.83- 04.90	111362	14 55	10.83-	111102	12 0.8
Mini 0.85 850	[BMC Serie A]	01.67- 08.79	110178	14 36	01.67- 08.79	111102	12 0.8
Mini 1.0 1000	[99H]	10.67- 08.88	110178	14 36	10.67- 09.84	111102	12 0.8
		10.67- 09.84	111185	14 43 A47			
	[99HD81]	01.92- 06.93	111289	14 70			
	[A]	10.67-	110178	14 36	10.67- 09.84	111102	12 0.8
		10.67- 09.84	111185	14 43 A47			
Mini 1.0 1000 Mayfair Sport	[99H997P]	08.82- 06.93	111289	14 70	08.82- 10.85	111102	12 0.8
	[99HA53P]	08.82-	111185	14 43 A47	08.82- 10.85	111102	12 0.8
		08.82- 06.93	111289	14 70			
	[99HC20P]	08.82- 06.93	111289	14 70	08.82- 10.85	111102	12 0.8
	[99HD81]	09.88- 06.93	111289	14 70			
Mini 1.1 1100 Special	[10H]	01.76- 08.81	110178	14 36	01.76- 08.81	111102	12 0.8
Mini 1.3 1300	[12A2A]	01.91- 12.91	110178	14 36			
	[12A2D]	01.92-	111289	14 70			
		01.92-	112203	14 65			
	[12A2E]	01.92-	112203	14 65			
	[12A2L]	01.92-	112203	14 65			
Mini 11.3 GT 1275		10.69- 08.80	110178	14 36	10.69- 08.80	111102	12 0.8
Montego 1.3	[12HL]	10.84- 08.88	111362	14 55			
Montego 1.6	[16HC37]	04.84- 08.88	111086	14 65			
		AC 04.84- 08.88	112238	14 65			
Montego 2.0	[20H]	04.84- 08.91	110770	14 55			
		04.84- 08.88	110968	14 70			
	[20HSC]	04.84- 08.91	110770	14 55			
		04.84- 08.88	110968	14 70			
	AC 04.84- 08.88	111355	14 65				
Montego 2.0 i	[20H]	04.84- 08.88	110770	14 55			
		04.84- 08.88	110968	14 70			
		AC 04.84- 08.88	111355	14 65			
Montego 2.0 i Turbo	[20HC85]	04.84- 08.88	110770	14 55			
		04.84- 08.88	110968	14 70			
		AC 04.84- 08.88	111355	14 65			
Princess 1.7 1700	[17HL]	10.78- 10.82	111185	14 43 A47			
Princess 1.8 1800	[18H]	04.76- 09.78	111185	14 43 A47			
Princess 2.0 2000	[20H]	10.78- 10.82	111185	14 43 A47			
Princess 2.2 2200	[22H]	04.76- 10.82	111185	14 43 A47			
<b>PASSENGER CARS US</b>							
America 1.3					01.68- 01.72	111102	12 0.8
Cooper 0.9					01.65- 01.66	111102	12 0.8
Cooper 1.0					01.62- 01.64	111102	12 0.8
Cooper 1.1					01.64- 01.64	111102	12 0.8
Cooper 1.3					01.64- 01.69	111102	12 0.8
Healey 1.0 Sprite					01.62- 01.62	111102	12 0.8
Healey 1.1 Sprite					01.63- 01.66	111102	12 0.8
Healey 1.3 Sprite					01.67- 01.67	111102	12 0.8
Healey MK 1.3 Sprite					01.68- 01.70	111102	12 0.8
Mariner 1.8		01.73- 01.75	110178	14 36			
Mariner 1.8 GT		01.73- 01.75	110178	14 36			
<b>Austin-Healey</b>							
<b>PASSENGER CARS EU</b>							
Sprite MK 1.1	[10CG-D-A]	03.64- 09.66	110497	14 70			
Sprite MK 1.3	[10CG-D-A]	03.66- 10.71	110497	14 70			
<b>Autobianchi</b>							
<b>PASSENGER CARS EU</b>							
A 112 0.9	[A112A5.000]				01.76- 12.78	110365	12 0.8
A 112 0.9 Junior	[A112A5.000]	07.75- 12.85	111078	14 45	07.75- 12.85	110365	12 0.8
	[A112B2.000]	07.75- 12.85	111078	14 45	07.75- 12.85	110365	12 0.8
A 112 0.9 E	[A112A5.000]				01.73- 12.77	110365	12 0.8
A 112 1.0 Abarth	[A112A1.000]				09.71- 12.75	110365	12 0.8



	[A112A2.000]	01.74- 12.84	111078	14	45	01.74- 12.84	110365	12	0.8
A 112 1.0 E Elite,LX	[A112B1.000]	11.77- 12.84	111078	14	45	11.77- 12.84	110365	12	0.8
Y10 1.0	[156A.000]	03.85-	111035	14	65	03.85-	111025	12	0.8
	[156A2.000]	03.85-	111621	14	55	03.85-	111025	12	0.8
	[156A2.246]	10.87-	111036	14	45	10.87-	111025	12	0.8
Y10 1.0 4WD	[156A3.000]	12.86-	111036	14	45	12.86-	111025	12	0.8
Y10 1.0 Turbo	[156A1.000]	03.85-	111621	14	55	03.85-	111025	12	0.8
Y10 1.1	[156C.000]	06.89-	111621	14	55	06.89-	111025	12	0.8
Y10 1.1 4WD	[156C.000]	06.89-	111621	14	55	06.89-	111025	12	0.8
Y10 1.1 i.e.	[156C.046]	09.90-	111621	14	55	09.90-	111025	12	0.8
Y10 1.3 i.e. GT	[146A5.046]	06.89-	111148	14	65	01.89- 09.92	111025	12	0.8
	[156B.000]	06.89-	111148	14	65				
<b>Avia</b>									
<b>INDUSTRY</b>									
Various Models						01.77- 01.79	111573	12	2.8
							111269	12	1.4 GR
<b>Balkancar</b>									
<b>INDUSTRY</b>									
Various Models						01.68- 01.74	110443	12	2.1
						01.69-	110442	12	2.1
						01.81-	110545	12	3.0
							114254	12	2.7 GR
<b>Barber Greene</b>									
<b>INDUSTRY</b>									
Various Models							113269	12	3.0 GR
<b>Baudouin</b>									
<b>MARINE</b>									
Various Models			110052	28	40				
			112110#	28	45				
<b>BCS</b>									
<b>AGRICULTURE</b>									
270						12.86-	112171	12	1.1
303						12.86-	112171	12	1.1
						06.78-	112034	12	1.7
603						06.90-	112171	12	1.1
622						01.68-	112034	12	1.7
701						03.86-	112171	12	1.1
735						04.88-	112171	12	1.1
737						07.89-	112171	12	1.1
745						01.84-	112034	12	1.7 DD
						01.84-	112171	12	1.1 GR
<b>Bedford</b>									
<b>PASSENGER CARS EU</b>									
Astramax 1.3	[13NB]	01.84- 12.88	113376	14	55				
Blitz 1.8	[N18Z]					08.69- 10.87	110341#	12	0.8
Blitz 2.0	[20N]	02.85- 10.87	111178	14	70	02.85- 10.87	110341#	12	0.8
Blitz 2.0 Diesel	[20DTR]	10.80- 10.83	111166	14	70				
Blitz 2.3	[23L]	02.80- 10.83	111656	14	45				
Blitz 2.3 Diesel	[23D]	01.80- 12.83	113376	14	55	09.84- 10.87	110844	12	2.2
Midi 2.2 Diesel	[4FD1]	06.88- 08.92	111291#	14	55				
Midi 2.2 Diesel 4WD	[4FD1]	06.88- 08.92	111291#	14	55				
Rascal 1.0	[FA10A]	07.86- 06.90	110385	14	40	07.86- 06.90	110402	12	0.6
						07.86- 06.90	111385	12	0.6
TL 3.6	[220]					01.80- 11.86	110459	12	2.8
TL 5.4	[330]					01.80- 11.86	110459	12	2.8
						01.80- 11.86	111737	12	2.8
Various Models		01.76- 12.89	113376	14	55	01.75-	110459	12	2.8
		10.78- 12.80	111656	14	45	10.68- 01.75	110341#	12	0.8
<b>TRUCKS EU</b>									
Various Models		01.72- 12.86	113376	14	55	09.84-	110844	12	2.2
		01.72-	110179	14	36	01.75-	110459	12	2.8
		01.70-	110178	14	36				
<b>Belarus</b>									
<b>AGRICULTURE</b>									
400							113431#	12	3.0
420							113431#	12	3.0
425							113431#	12	3.0
500						01.79- 01.91	111350#	12	3.2
505						01.79- 01.91	111350#	12	3.2
520						01.79- 01.91	111350#	12	3.2
525						01.79- 01.91	111350#	12	3.2
530						01.94- 01.96	111350#	12	3.2
532						01.94- 01.96	111350#	12	3.2
560						01.92- 01.96	111350#	12	3.2
562						01.92- 01.96	111350#	12	3.2
5111							111350#	12	3.2
5145							111350#	12	3.2
MTZ 100	[D240T]						112488	12	2.7
MTZ 1221 7.2	[D-260.2]						113356	24	3.5
MTZ 142	[D181T]						112488	12	2.7
MTZ 145	[D260T]						112488	12	2.7
MTZ 1522 7.2	[D-260.6]						113356	24	3.5
MTZ 80	[D240]						112488	12	2.7
MTZ 890	[D-245.5]						113356	24	3.5
Various Models							112488	12	2.7
							113431#	12	3.0
<b>Benford</b>									
<b>AGRICULTURE</b>									
Various Models							113269	12	3.0



Application list

Benfra									
INDUSTRY									
Various Models	[8031...]					01.79- 06.85	110517	24	3.2
						07.85-	110521	24	4.0
						01.79- 06.85	110529	12	3.0
						07.87- 06.90	110813	12	2.7
	[8041...]	01.89- 01.91	111419	28	55	04.81- 02.82	110517	24	3.2
						01.80-	110521	24	4.0
						01.89-	110529	12	3.0
	[8051...]					07.81-	110521	24	4.0
	[8061...]	05.89-	111419	28	55	10.85- 04.91	110529	12	3.0
						10.82-	110521	24	4.0
[8131...]					01.80- 01.88	110814	12	2.7	
[8361...]	05.89-	111419	28	55	01.82-	110518	24	4.0	
Bertolini									
INDUSTRY									
Various Models						04.86- 07.87	112173	12	2.7
						01.67-	112171	12	1.1
						09.87-	111911	12	1.4
Bertone									
PASSENGER CARS US									
X-1/9 1.5		01.84-	110612#	14	43				
BMW									
PASSENGER CARS EU									
114 1.6 Diesel	(F20, F21)[N47D16A]					10.12-	115335	12	2.2
	(F21)[N47D16A]					07.12-	115335	12	2.2
116 1.6 i	(E81)[N45B16A]	09.07-	113871	14	150				
	(E81, E87)[N43B16A]					AT 03.07- 09.12	114740	12	1.2
	[N45B16A]					AT 03.07- 09.12	114740	12	1.2
						03.07- 09.12	115398	12	1.7
	(E87)[N43B16A]	09.04-	113871	14	150	09.04-	114297	12	1.2
		03.07- 09.12	114781*	14	110	11.03- 09.12	115398	12	1.7
	[N45B16A]	11.03- 09.12	113871	14	150	11.03- 09.12	114740	12	1.2
		03.07- 09.12	114781*	14	110	11.03- 09.12	115398	12	1.7
116 1.6 Diesel	(F20)[N47D16A]					09.11-	115335	12	2.2
	(F21)[N47D16A]					12.11-	115335	12	2.2
116 2.0 i	(E81, E87)[N43B20A]					A25 11.08- 09.12	115398	12	1.7
						11.08- 09.12	114740	12	1.2
	(E87)[N43B20A]					11.03- 09.12	114740	12	1.2
						11.03- 09.12	115398	12	1.7
116 2.0 Diesel	(E81)[N47D20C]	01.11- 12.11	114292	14	180	01.11- 12.11	114689	12	2.0
						A25 01.11- 12.11	115335	12	2.2
	(E81, E87)[N47D20A]					A25 11.08- 09.12	115335	12	2.2
						09.04-	114689	12	2.0
	(E87)[N47D20A]	12.08- 09.12	114292	14	180	12.08- 09.12	114689	12	2.0
						A25 12.08- 09.12	115335	12	2.2
	[N47D20C]	01.11- 12.11	114292	14	180	01.11- 12.11	114689	12	2.0
						A25 01.11- 12.11	115335	12	2.2
118 2.0 i	(F21)[N47D20C]					01.12-	115335	12	2.2
	(E81)[N46B20B]	05.07-	113871	14	150				
	(E87)[N43B20A]	09.04- 03.07	113871	14	150	09.04-	114297	12	1.2
						AT 09.06- 09.12	114740	12	1.2
						07.04- 09.12	114740	12	1.2
						07.04- 09.12	115398	12	1.7
	[N46B20B]	07.04- 09.12	113871	14	150	AT 07.04- 09.12	114740	12	1.2
						07.04- 09.12	114297	12	1.2
						07.04- 09.12	115398	12	1.7
	[N46B20C]					AT 09.06- 09.12	114740	12	1.2
(E88)[N43B20A]					09.06- 09.12	115398	12	1.7	
[N46B20B]	09.08-	113871	14	150	AT 03.08-	114740	12	1.2	
118 2.0 Diesel	(E81, E87)[N47D20A]					A25 09.06- 09.12	115335	12	2.2
						03.07-	114689	12	2.0
	(E82)[N47D20C]					A25 09.09-	115335	12	2.2
						09.09-	114689	12	2.0
	(E87)[M47D20(204D4)]	11.03- 09.12	114720	14	150	A25 11.03- 09.12	115335	12	2.2
						11.03- 09.12	114091	12	1.8
						11.03- 09.12	114127	12	1.6
	[N47D20]					09.04-	114091	12	1.8
	[N47D20A]	11.03- 09.12	114292	14	180	A25 11.03- 09.12	115335	12	2.2
		11.03- 09.12	114720	14	150	11.03- 09.12	114689	12	2.0
						11.03- 09.12	114091	12	1.8
						11.03- 09.12	114127	12	1.6
	[N47D20C]	11.03- 09.12	114720	14	150	A25 11.03- 09.12	115335	12	2.2
						11.03- 09.12	114091	12	1.8
					11.03- 09.12	114127	12	1.6	
(E88)[N47D20A]					A25 09.08-	115335	12	2.2	
					09.08-	114689	12	2.0	
[N47D20C]					A25 09.08-	115335	12	2.2	
					09.08-	114689	12	2.0	
(F21)[N47D20C]					12.11-	115335	12	2.2	
120 2.0 i	(E81)[N46B20B]	05.07-	113871	14	150				
	(E81, E87)[N43B20A]	09.06- 09.12	113871	14	150	03.07-	114297	12	1.2
						09.06- 09.12	114740	12	1.2
						09.06- 09.12	115398	12	1.7





	[N46B20B]	09.06- 09.12	113871	14 150		09.06- 09.12	114297	12 1.2
		09.06- 09.12	114781*	14 110		09.06- 09.12	114740	12 1.2
						09.06- 09.12	115398	12 1.7
	[N46B20C]					09.06- 09.12	114740	12 1.2
						09.06- 09.12	115398	12 1.7
	(E82)[N43B20A]					A25 09.09- 09.09-	115398	12 1.7
							114740	12 1.2
	[N46B20B]	09.09- 09.09-	113871	14 150		09.09-	114297	12 1.2
			114781*	14 110				
	(E87)[N43B20]					09.06- 09.12	114740	12 1.2
						09.06- 09.12	115398	12 1.7
	[N43B20A]					AT 09.06- 09.12	114740	12 1.2
						11.03- 09.12	114740	12 1.2
						11.03- 09.12	115398	12 1.7
	[N46B20A]	09.04- 03.07	113871	14 150		09.06- 09.12	114740	12 1.2
						A25 09.06- 09.12	115398	12 1.7
	[N46B20B]	03.07-	113871	14 150		AT 11.03- 09.12	114740	12 1.2
						11.03- 09.12	115398	12 1.7
	[N46B20BD]	11.03- 09.12	113871	14 150		11.03- 09.12	114740	12 1.2
						11.03- 09.12	114297	12 1.2
						11.03- 09.12	115398	12 1.7
	[N46B20C]	11.03- 09.12	113871	14 150		AT 11.03- 09.12	114740	12 1.2
						11.03- 09.12	114297	12 1.2
						11.03- 09.12	115398	12 1.7
	[N46B20CC]					11.03- 09.12	114740	12 1.2
						11.03- 09.12	115398	12 1.7
	[N46B20CD]					11.03- 09.12	114740	12 1.2
						11.03- 09.12	115398	12 1.7
	(E88)[N43B20A]					AT 03.08- 03.08-	114740	12 1.2
							115398	12 1.7
	[N46B20B]	03.08-	113871	14 150		03.08-	114297	12 1.2
	[N46B20C]	03.08-	113871	14 150		03.08-	114297	12 1.2
120 2.0 Diesel	(E82)[N47D20A]					A25 10.07- 10.07-	115335	12 2.2
							114689	12 2.0
	(E87)[M47D20(204D4)]					A25 11.03- 09.12	115335	12 2.2
						11.03- 09.12	114689	12 2.0
	[N47D20A]	09.04-	114720	14 150		09.04-	114091	12 1.8
						A25 11.03- 09.12	115335	12 2.2
						11.03- 09.12	114689	12 2.0
	[N47D20C]					A25 11.03- 09.12	115335	12 2.2
						09.04-	114091	12 1.8
						11.03- 09.12	114689	12 2.0
	(E88)[N47D20A]					A25 03.08- 03.08-	115335	12 2.2
							114689	12 2.0
	[N47D20C]					03.08-	114689	12 2.0
						03.08-	115335	12 2.2
	(F20)[N47D20C]					12.10-	115335	12 2.2
	(F21)[N47D20C]					07.12-	115335	12 2.2
120 2.0 Diesel xDrive	(F20, F21)[N47D20C]					12.10-	115335	12 2.2
	(F21)[N47D20C]					02.12-	115335	12 2.2
123 2.0 Diesel	(E81, E87)[N47D20D]					A25 03.07- 09.12	115335	12 2.2
						10.07-	114689	12 2.0
	(E82)[N47D20B]					A25 10.07- 10.07-	115335	12 2.2
							114689	12 2.0
	(E87)[N47D20B]					A25 03.07- 09.12	115335	12 2.2
	[N47D20D]	03.07- 09.12	114292	14 180		03.07- 09.12	114689	12 2.0
						A25 03.07- 09.12	115335	12 2.2
	(E88)[N47D20B]					A25 09.08- 09.08-	115335	12 2.2
							114689	12 2.0
125 2.0 Diesel	(F20)[N47D20D]					08.11-	115335	12 2.2
	(F21)[N47D20D]					12.11-	115335	12 2.2
125 3.0 i	(E82)[N52B30A]	10.07-	114524	14 180				
	(E88)[N52B30A]	03.08-	114524	14 180				
130 3.0 i	(E81, E87)[N52B30B]	09.06- 09.12	114524	14 180		09.06- 09.12	114740	12 1.2
	[N52B30BF]	09.06- 09.12	114524	14 180		09.06- 09.12	114740	12 1.2
	(E87)[N52B30A]	03.05- 09.12	114524	14 180		03.05- 09.12	114740	12 1.2
	[N52B30B]	09.06- 09.12	114524	14 180		09.06- 09.12	114740	12 1.2
	[N52B30BF]	03.05- 09.12	114524	14 180		03.05- 09.12	114740	12 1.2
135 3.0 i	(E88)[N55B30A]					03.08-	114740	12 1.2
315 1.6	(E21)[M10B16]					03.81- 02.91	111052	12 1.5
316 1.6	(E21)[M10B16]	08.75- 08.80	110877	14 65				
		08.75- 03.77	112310	14 55				
316 1.6 Ci	(E46)[M43B16]	04.00- 10.99-	112465	14 100		04.00-	111911	12 1.4
			112413	14 90				
	[N45B16A]	06.02-	113871	14 150		06.02-	113292	12 1.4
316 1.6 i	(E30)[M40B16]	09.87- 08.88	111147	14 80		09.87- 06.91	111911	12 1.4
		09.88- 06.94	112764#	14 90		09.87- 06.94	114118	12 1.4
						07.88- 06.91	111052	12 1.5
	[M40B16C]					09.87- 06.90	114118	12 1.4
	(E36)[M40B16]	09.90- 09.93	113864#	14 90		09.90- 09.93	114118	12 1.4
		12.90- 09.93	112683	14 105				
	[M43B16]	07.93- 12.98	111946	14 80		07.93- 12.98	111911	12 1.4
		07.93- 08.00	113831#	14 70		07.93- 08.00	114118	12 1.4
	(E46)[M43B16]	04.00-	112413	14 90		04.00-	111911	12 1.4
		04.00- 02.05	113831#	14 70				
	[N45B16A]	06.02- 02.05	113871	14 150		06.02-	113292	12 1.4
	(E90)[N43B16A]					A25 09.07- 12.11	115398	12 1.7
						09.07- 12.11	114740	12 1.2
	[N45B16A]	09.05-	113871	14 150		09.05-	114297	12 1.2

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

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	(E91)[N43B16A]					A25 09.07-09.07-	115398	12 1.7
	(E92)[N43B16A]					09.07-09.07-	114740	12 1.2
316 1.6 G	(E36)[M43B16]	12.95-12.95- 08.00	111946 113831#	14 80 14 70		12.95-12.95- 08.00	111911 114118	12 1.4 12 1.4
316 1.8	(E21)[M10B18]					01.81- 08.82	111052	12 1.5
	(E30)[M10B18]	09.82- 08.85	110877	14 65		09.82- 12.87	111052	12 1.5
316 1.8 Ecotronic	(E30)[M10B18]	09.83- 08.87	110877	14 65		09.83- 08.87	111052	12 1.5
		09.83- 08.85	111147	14 80				
316 1.8 i	(E30)[M10B18]	09.87- 08.88	111147	14 80		08.87- 08.88	111052	12 1.5
	(E46)[N42B18]	02.02-	113294			02.02-	113292	12 1.4
316 1.8 Ti	(E46)[N42B18]	06.01- 04.02	113294			06.01-	113292	12 1.4
316 1.9 i	(E36)[M43164E3]	12.98- 08.00	111946	14 80		01.99-	111911	12 1.4
		12.98- 08.00	113831#	14 70				
		01.99- 09.00	112413	14 90				
	(E46)[M43164E3]	01.99-	112413	14 90		01.99-	111911	12 1.4
		01.99-	112465	14 100				
316 2.0 Diesel	(E90)[N47D20C]					A25 07.09- 07.09-	115335	12 2.2
	(E91)[N47D20C]					09.09-09.09-	115335	12 2.2
316 2.0 Diesel Touring	(F31)[N47D20C]					06.12-	115335	12 2.2
318 1.7 TDS	(E36)[M41D18]	01.95- 08.00	113868	14 95		01.95-01.95- 02.98	111908 111318	12 1.8 12 1.4
						01.95- 08.00	111911	12 1.4
318 1.8	(E21)[M10B18]	08.75- 08.80	110877	14 65				
318 1.8 i	(E21)[M10B18]					11.79- 08.82	111052	12 1.5
	(E30)[M10B18]	12.84- 08.87	111147	14 80		09.82- 08.87	111052	12 1.5
	[M40B18]	01.88- 06.94	112764#	14 90		09.87- 06.94	114118	12 1.4
						09.87- 04.93	111911	12 1.4
	(E36)[M40B18]	12.90- 02.94	112683	14 105		12.90- 02.94	114118	12 1.4
		12.90- 10.93	113864#	14 90				
	[M43B18]	09.93-	111946	14 80		01.94-	111911	12 1.4
		10.93- 10.99	113831#	14 70		10.93- 02.98	114118	12 1.4
318 1.8 IS	(E30)[M42B18]	09.89- 08.91	112764#	14 90		09.89- 08.91	111911	12 1.4
		09.89- 08.91	113864#	14 90		09.89- 08.91	114118	12 1.4
	(E36)[M42B18]	03.92- 09.93	112683	14 105		03.92- 09.97	111911	12 1.4
		03.92- 09.97	113831#	14 70		03.92- 10.95	114118	12 1.4
		03.92- 09.97	113864#	14 90				
		09.93- 09.97	111946	14 80				
318 1.8 Ti	(E36)[M42B18]	11.94- 08.95	111946	14 80		11.94- 08.95	111911	12 1.4
		11.94- 08.95	113831#	14 70		11.94- 08.95	114118	12 1.4
318 1.9 i	(E46)[M43B19]	02.98-	112413	14 90		02.98-	111911	12 1.4
		02.98-	112465	14 100				
		10.99- 09.01	112465	14 100		10.99- 09.01	111911	12 1.4
		10.99- 09.01	112413	14 90				
318 1.9 IS	(E36)[M44B19]	09.95-	111946	14 80		09.95-	111911	12 1.4
		09.95- 04.99	113831#	14 70				
318 1.9 Ti	(E36)[M44B19]	07.95-	111946	14 80		07.95-	111911	12 1.4
		07.95- 08.00	113831#	14 70				
318 2.0 Ci	(E46)[N42B20]	09.01-	113294			09.01-	113292	12 1.4
	[N42B20A]	09.01-	113294			09.01-	113292	12 1.4
	[N46B20]	02.05-	113871	14 150		02.05-	113292	12 1.4
318 2.0 i	(E46)[N42B20]	09.01-	113294			09.01-	113292	12 1.4
	(E90)[N43B20A]					AT 09.07- 09.07-	114740	12 1.2
						09.07- 12.11	115398	12 1.7
	[N46B20B]	09.05-	113871	14 150		09.05-	114297	12 1.2
	[N46B20TU2]					09.07-	114297	12 1.2
	(E91)[N43B20A]					A25 09.07-09.07-	115398	12 1.7
						09.07-	114740	12 1.2
	[N46B20B]	03.06-	113871	14 150		01.06-	114297	12 1.2
						A25 09.07-09.07-	115398	12 1.7
						09.07-	114740	12 1.2
	[N46B20TU2]					09.07-	114297	12 1.2
318 2.0 Ti	(E46)[N42B20]	09.01-	113294			09.01-	113292	12 1.4
	[N46B20]					09.01- 02.05	113292	12 1.4
318 2.0 Diesel	(E46)[M47N204D1]	09.01-	113407	14 150		09.01- 03.03	113925	12 1.8
	[M47N204D4]	03.03- 02.05	113858	14 150		03.03- 02.05	114127	12 1.6
		03.03- 02.05	113881	14 150				
	(E90)[M47N204D4]					09.05-	114091	12 1.8
	[N47D20A]					A25 09.05- 09.05-	115335	12 2.2
						09.05-	114689	12 2.0
	[N47D20C]					07.07-	114689	12 2.0
	(E91)[M47N204D4]	09.05-	114720	14 150		09.05-	114091	12 1.8
	[N47D20]					07.07-	114689	12 2.0
	[N47D20A]					A25 09.07-09.07-	115335	12 2.2
						09.07-	114689	12 2.0
318 2.0 Diesel Gran Turismo	(F34)[N47D20C]					03.13-	115335	12 2.2
318 2.0 Diesel Touring	(F31)[N47D20C]					06.12-	115335	12 2.2
318 2.0 Diesel xDrive	(F30)[N47D20C]					11.12-	115335	12 2.2
	(F31)[N47D20C]					01.13-	115335	12 2.2
318 2.0 TD	(E46)[M47N204D4]	03.03- 02.05	113881	14 150		03.03- 02.05	114127	12 1.6
320 2.0	(E21)[M10B20]	08.75- 03.77	112310	14 55		08.75- 08.77	110772	12 1.0
320 2.0 i	(E21)[M10B20]					10.75- 08.77	110772	12 1.0
	(E30)[M20B20]	09.82- 08.85	111147	14 80		01.88- 12.91	111400	12 1.4
	(E36)[M50B20]	09.90- 12.95	112687	14 80		09.90- 12.95	111911	12 1.4
	[M52B20]	09.94- 12.99	112687	14 80		09.94- 12.99	111911	12 1.4



	[M52B206S3]	01.95-	112687	14	80		01.95-	111911	12	1.4
	(E46)[M52B20]	03.98-	112193	14	120		03.98- 09.01	111911	12	1.4
		03.98- 09.01	112422	14	120					
	[M54B22]	09.00-	112422	14	120		09.00-	111911	12	1.4
	(E90)[N43B20A]						A25 09.07- 12.11	115398	12	1.7
							09.07- 12.11	114740	12	1.2
	[N46B20]	03.05-	113871	14	150		01.05-	114297	12	1.2
	[N46B20A]	01.05-	113871	14	150		01.05-	114297	12	1.2
	[N46B20C]	01.05-	113871	14	150		01.05-	114297	12	1.2
	(E91)[N43B20A]						A25 09.07-	115398	12	1.7
							09.07-	114740	12	1.2
	[N46B20B]	09.05-	113871	14	150					
	(E92)[N46B20B]	03.07-	113871	14	150		11.06- 06.07	114297	12	1.2
	(E93)[N43B20A]	03.07-	113871	14	150		01.07-	115398	12	1.7
							AT 03.07-	114740	12	1.2
							03.07-	114297	12	1.2
							01.07-	114740	12	1.2
	[N46B20B]	03.07-	113871	14	150		03.07- 08.07	114297	12	1.2
		12.85- 06.90	112774#	14	100					
320 2.0 i L-Jetronic	(E30)[M20B20]						07.87- 03.93	111400	12	1.4
320 2.0 i Motronic	(E30)[M20B20]						07.87- 03.93	111400	12	1.4
320 2.0 iS	(E30)[S14204EA]						05.88- 12.90	111400	12	1.4
320 2.0 Si	(E90)[N45B20A]	03.06- 09.06	113871	14	150		05.06-	114297	12	1.2
320 2.0 Diesel	(E46)[M47204D1]	02.98- 04.05	112462	14	120		02.98- 04.05	113925	12	1.8
		02.98- 04.05	113407	14	150					
	[M47D20]	04.98-	112462	14	120		04.98- 09.01	113925	12	1.8
		09.99- 09.01	113407	14	150					
	[M47N204D4]	09.01- 09.01	113407	14	150 ▲		09.01- 02.05	114127	12	1.6
		09.01- 02.05	113881	14	150					
	(E90)[M47N204D4]	01.05- 12.11	114720	14	150		01.05-	114091	12	1.8
							09.05-	114127	12	1.6
	[M47N204D5]	01.05-	114720	14	150		01.05-	114091	12	1.8
	[N47D20A]						A25 09.07- 12.11	115335	12	2.2
							09.07-	114689	12	2.0
	[N47D20C]						A25 01.10- 12.11	115335	12	2.2
							01.10-	114689	12	2.0
	(E91)[M47D20 (204D4)]						09.05- 09.07	114091	12	1.8
	[N47D20A]						A25 09.07-	115335	12	2.2
							09.07-	114689	12	2.0
	[N47D20C]						A25 01.10-	115335	12	2.2
							01.10-	114689	12	2.0
	(E92)[N47D20A]						A25 03.07-	115335	12	2.2
							03.07-	114689	12	2.0
	[N47D20C]						A25 01.10-	115335	12	2.2
							01.10-	114689	12	2.0
	(E93)[N47D20A]						A25 03.07-	115335	12	2.2
							03.07-	114689	12	2.0
	[N47D20C]						A25 01.10-	115335	12	2.2
							01.10-	114689	12	2.0
							01.08-	115335	12	2.2
	(F31)[N47D20C]						06.12-	115335	12	2.2
320 2.0 Diesel Gran Turismo	(F34)[N47D20C]						03.13-	115335	12	2.2
320 2.0 Diesel Touring	(F31)[N47D20C]						06.12-	115335	12	2.2
320 2.0 Diesel Xdrive	(E90)[N47D20C]						A25 09.07- 12.11	115335	12	2.2
							09.07- 12.10	114689	12	2.0
	(E91)[N47D20A]						A25 09.07-	115335	12	2.2
							09.07-	114689	12	2.0
	[N47D20C]						A25 09.08-	115335	12	2.2
							09.08-	114689	12	2.0
	(E92)[N47D20A]						A25 03.07-	115335	12	2.2
							03.07-	114689	12	2.0
	[N47D20C]						A25 09.08-	115335	12	2.2
							09.08-	114689	12	2.0
	(F30)[N47D20C]						10.11-	115335	12	2.2
	(F31)[N47D20C]						06.12-	115335	12	2.2
320 2.0 TD	(E46)[M47N204D4]	09.01- 09.02	113407	14	150 ▲		09.01- 02.05	114127	12	1.6
		09.01- 01.05	113881	14	150					
320 2.2 Ci	(E46)[M54226S1]	09.00-	112422	14	120		09.00-	111911	12	1.4
	[M54B22]	09.00-	111911	14	120		09.00-	111911	12	1.4
		09.00-	112422	14	120					
320 2.2 i	(E46)[M54B22]	09.00-	112422	14	120		09.00-	111911	12	1.4
323 2.3 i	(E30)[M20B23]	09.83- 08.85	111147	14	80					
323 2.5 Ci	(E46)[M52B25]	04.98- 09.00	112422	14	120		04.98- 09.00	111911	12	1.4
		04.99-	112193	14	120					
323 2.5 i	(E36)[M52B25]	03.95-	112687	14	80		03.95-	111911	12	1.4
	(E46)[M52B25]	03.98-	112193	14	120		03.98- 09.00	111911	12	1.4
		03.98- 09.00	112422	14	120					
	(E90)[N52B25]	04.06- 06.07	114524	14	180					
	(E91)[N52B25A]	04.06- 06.07	114524	14	180					
323 2.5 Ti	(E36)[M52B25]	08.97- 08.00	112687	14	80		08.97- 08.00	111911	12	1.4
324 2.4 Diesel	(E30)[M21D24W]	09.87- 08.91	110908#	14	80		09.85- 08.91	112533	12	2.2
324 2.4 TD	(E30)[M21D24]	09.87- 06.93	110908#	14	80		09.87- 08.91	112533	12	2.2
	[M21D24WA]	09.87- 06.93	110908#	14	80		01.88- 06.93	112533	12	2.2
325 2.0 Diesel	(F30)[N47D20D]						10.11-	115335	12	2.2
	(F31)[N47D20D]						03.13-	115335	12	2.2
325 2.5 Ci	(E46)[M54256S5]	09.00-	112422	14	120		09.00-	111911	12	1.4
325 2.5 i	(E30)[M20B25]	09.83- 08.85	111147	14	80		12.86- 10.93	111400	12	1.4
	(E36)[M50B25]	09.91- 04.99	112687	14	80		09.90- 04.99	111911	12	1.4
	[M52B25]	09.91- 09.95	112687	14	80		09.90- 09.95	111911	12	1.4

## STARTERS &amp; ALTERNATORS

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	(E46)[M54256S5]	09.00-	112422	14 120		09.00-	111911	12 1.4	
	(E90)[N52B25]	01.05-	114524	14 180					
	[N52B25A]	01.05- 12.11	114524	14 180					
	(E92)[N52B25A]	09.06-	114524	14 180					
	(E93)[N52B25]	03.07-	114524	14 180					
325 2.5 iX	(E30)[M20B25]					12.86- 10.93	111400	12 1.4	
325 2.5 Ti	(E46)[M54256S5]	06.01-	112422	14 120		06.01-	111911	12 1.4	
325 2.5 Xi	(E46)[M54256S5]	09.00-	112422	14 120		09.00-	111911	12 1.4	
	(E90)[N52B25A]					01.05-	114740	12 1.2	
	[N52B25C]	01.05-	114524	14 180		01.05-	114740	12 1.2	
	(E91)[N52B25C]	01.05-	114524	14 180					
	(E92)[N52B25A]	09.06-	114524	14 180					
325 2.5 TD	(E36)[M51D25]	03.91- 02.98	112800	14 95		09.91- 02.98	113446	12 2.2	
		09.91-	111788	14 105					
325 2.5 TDS	(E36)[M51D25]	05.93-	111788	14 105		05.93- 10.99	113446	12 2.2	
		05.93- 12.95	112800	14 95					
325 2.7 E	(E30)[M20B27]	09.83- 08.85	111147	14 80		01.87- 12.88	111400	12 1.4	
325 3.0 i	(E90)[N53B30A]	09.07- 12.11	114524	14 180					
	(E91)[N53 B30A]	01.12-	114524	14 180					
	[N53B30A]	09.07-	114524	14 180					
	(E92)[N51B30A]	09.07-	114524	14 180					
325 3.0 i Xdrive	(E90)[N53B30A]	09.08- 12.11	114524	14 180					
	(E91)[N53B30A]	09.08-	114524	14 180					
	(E92)[N53B30A]	09.08-	114524	14 180					
325 3.0 Xi	(E90)[N53B30A]	09.07- 12.11	114524	14 180					
	(E91)[N53B30A]	09.07-	114524	14 180					
	(E92)[N53B30A]	09.07-	114524	14 180					
325 3.0 Diesel	(E90)[M57D30 (306D3)]					09.06-	114091	12 1.8	
	[N57D30A]					01.10-	114689	12 2.0	
	(E91)[M57D30 (306D3)]					09.06-	114091	12 1.8	
	[N57D30A]					04.10-	114689	12 2.0	
	(E92)[N57D30 (306D3)]					03.07-	114091	12 1.8	
	[N57D30A]					04.10-	114689	12 2.0	
	(E93)[M57D30306D3]					03.10-	115335	12 2.2	
	[N57D30 (306D3)]					03.07-	114091	12 1.8	
	[N57D30A]					03.10-	115335	12 2.2	
328 2.8 Ci	(E46)[M52B28]	04.99-	112193	14 120		04.99-	111911	12 1.4	
		04.99- 09.00	112422	14 120					
328 2.8 i	(E36)[M52B28]	01.95-	112687	14 80		01.95-	111911	12 1.4	
	(E46)[M52B28]	02.98-	112193	14 120		02.98-	111911	12 1.4	
		02.98- 09.00	112422	14 120					
330 2.9 Diesel	(E46)[M57D30]	09.99-	112462	14 120		10.99- 02.05	115506	12 2.2 A49	
		09.99-	112468	14 150		10.99-	113446	12 2.2	
		10.99-	113407	14 150					
330 2.9 Diesel Xdrive	(E46)[M57D30]	06.00-	113407	14 150		06.00-	113446	12 2.2	
						06.00- 03.06	115506	12 2.2 A49	
330 3.0 Ci	(E46)[M54B30]	06.00-	112422	14 120		06.00-	111911	12 1.4	
330 3.0 i	(E46)[M54B30]	05.00-	112422	14 120		06.00-	111911	12 1.4	
	(E90)[N52B30]	01.05-	114524	14 180					
	[N52B30A]	01.05- 12.11	114524	14 180					
	[N53B30A]	09.07- 12.11	114524	14 180					
	(E91)[N53B30A]	09.07-	114524	14 180					
	(E92)[N52B30]	09.06-	114524	14 180					
	[N53B30]	09.07-	114524	14 180					
	(E93)[N52B30]	03.07-	114524	14 180					
	[N53B30]	03.07-	114524	14 180					
330 3.0 i Xdrive	(E90)[N53B30A]	09.08- 12.11	114524	14 180					
	(E91)[N53B30A]	09.08-	114524	14 180					
	(E92)[N53B30A]	09.08-	114524	14 180					
330 3.0 Xi	(E46)[M54B30]	06.00-	112422	14 120		06.00-	111911	12 1.4	
	(E90)[N52B30A]	01.05- 12.11	114524	14 180		01.05-	114740	12 1.2	
	[N53B30A]	09.07- 12.11	114524	14 180					
	(E91)[N52B30A]	01.05-	114524	14 180		01.05-	114740	12 1.2	
	[N53B30A]	09.07-	114524	14 180					
	(E92)[N52B30A]	09.06-	114524	14 180					
330 3.0	(E91)					01.09-	114689	12 2.0	
						A25 01.09-	115335	12 2.2	
330 3.0 Diesel	(E46)[M57N306D2]	03.03- 02.05	113881	14 150		03.03-	113446	12 2.2	
						03.03- 02.05	114072	12 2.0	
	(E90)[M57306D3]	09.05- 12.11	114720	14 150		09.05-	114091	12 1.8	
	[N57D30A]					A25 01.09- 12.11	115335	12 2.2	
						01.09-	114689	12 2.0	
	(E91)[M57306D3]	09.05-	114720	14 150		09.05-	114091	12 1.8	
	[N57D30A]					A25 01.09-	115335	12 2.2	
						01.09-	114689	12 2.0	
	(E92)[M57306D3]					09.06-	114091	12 1.8	
	[N57D30A]					A25 01.09-	115335	12 2.2	
						01.09-	114689	12 2.0	
	(E93)[N57D30 (306D3)]					03.07-	114091	12 1.8	
	[N57D30A]					A25 01.09-	115335	12 2.2	
						01.09-	114689	12 2.0	
330 3.0 Diesel Xdrive	(E46)[M57N306D2]	03.03- 02.05	113881	14 150		03.03-	113446	12 2.2	
						03.03- 02.05	114072	12 2.0	
	(E90)[M57306D3]	09.05- 12.11	114720	14 150		09.05-	114091	12 1.8	
	[N57D30A]					A25 01.09- 12.11	115335	12 2.2	
						01.09-	114689	12 2.0	
	(E91)[M57306D3]					09.05-	114091	12 1.8	
	[N57D30A]					A25 01.09-	115335	12 2.2	
						01.09-	114689	12 2.0	
	(E92)[M57306D3]					09.05-	114091	12 1.8	
	[N57D30A]					A25 01.09-	115335	12 2.2	
						01.09-	114689	12 2.0	



	(E92)[M57306D3] [N57D30A]								09.06- A25 01.09- 01.09-	114091 115335 114689	12 1.8 12 2.2 12 2.0
335 3.0 i	(E92)[N54B30A]								09.06-	114740	12 1.2
335 3.0 Diesel	(E90)[M57D30 (306D5)] (E91)[M57D30 (306D5)] (E92)[M57D30 (306D5)]								09.06- 09.06- 09.06-	114091 114091 114091	12 1.8 12 1.8 12 1.8
518 1.8	(E12)[M10B18] (E28)[M10B18]	07.74- 01.78 08.75- 05.81 09.82- 08.84 09.82- 08.84	112310 110877 110877 111147	14 55 14 65 14 65 14 80							
518 1.8 i	(E12)[M10B18] (E28)[M10B18] (E34)[M40B18] [M43B18]								08.79- 08.81 10.81- 12.87 08.89- 09.95 08.89- 09.95	111052 111052 111911 114118	12 1.5 12 1.5 12 1.4 12 1.4
518 1.8 i	(E34)[M43B18]	05.94-	111946	14 80					09.94- 11.95- 06.96	111911 114118	12 1.4 12 1.4
518 2.0 i	(E12)[M10B20]	08.77- 09.79	110877	14 65					08.77- 09.79	110772	12 1.0
518 2.0 Diesel	(F10)[N47D20C] (F11)[N47D20C]								01.13- 01.13-	115335 115335	12 2.2 12 2.2
520 2.0	(E12)[M10B20]								08.72- 08.77	110772	12 1.0
520 2.0 i	(E12)[M10B20] (E28)[M20B20] (E34)[M20B20] [M50B20]	10.75- 08.77 08.85- 11.85 11.91-	110877 111147 112687	14 65 14 80 14 80					08.72- 08.77 01.88- 08.91 11.91- 01.97 11.91- 01.97	110772 111400 111911 114118	12 1.0 12 1.4 12 1.4 12 1.4
	(E39)[M52B20]	09.95- 09.00 09.95- 06.03 09.95- 05.04 04.99- 06.03	111985 112193 112422 111895	14 120 14 120 14 120 14 140					01.96- 09.97	111911	12 1.4
	(E60)[M54B22] [N46B20B] (E61)[N43B20A]	07.03- 04.06- 12.09	113858 113871	14 150 14 150					07.03- 04.06- 12.09 07.07- 08.10	111911 114297 114740	12 1.4 12 1.2 12 1.2
520 2.0 i 24V	(E34)[M50B20]	09.91- 09.95	112687	14 80					09.89- 09.95	114118	12 1.4
520 2.0 i K-Jetronic	(E28)[M20B20]	09.82- 11.85	111147	14 80							
520 2.0 i L-Jetronic	(E28)[M20B20]	09.82- 11.85	111147	14 80							
520 2.0 Diesel	(E39)[M47204D1] [M47D20] (E60)[M47D20 (204D4)]	02.00- 09.03 02.00- 12.02 02.00- 12.02 09.05-	112462 112468 112468 113896	14 120 14 150 14 150 14 170					02.00- 09.03 02.00- 09.03 09.07- A25 09.07- 09.05-	113925 113925 114689 115335 114091	12 1.8 12 1.8 12 2.0 12 2.2 12 1.8
	[N47D20A] [N47D20C] (E61)[M47D20 (204D4)] [M47N204D4] [N47D20A]	07.05- 07.05- 09.05- 07.05- 09.07-	113896 113896 113896 113896	14 170 14 170 14 170 14 170					07.05- 07.05- 09.05- 07.05- 09.07- A25 09.07-	114091 114091 114091 114091 114689 115335	12 1.8 12 1.8 12 1.8 12 1.8 12 2.0 12 2.2
	(F10)[N47D20C] (F11)[N47D20C]								03.10- 09.10-	114689 114689	12 2.0 12 2.0
520 2.0 Diesel Gran Turismo	(F07)[N47D20C]								10.11-	115335	12 2.2
520 2.0 Diesel xDrive	(F10)[N47D20C] (F11)[N47D20C]								02.13- 02.13-	115335 115335	12 2.2 12 2.2
520 2.2 i	(E39)[M54B22]	09.00-	112422	14 120					09.00-	111911	12 1.4
523 2.5 i	(E39)[M52B25] [N52B25A] (E61)[N52B25] [N52B25A]	11.95- 09.00 11.95- 09.00 01.97- 09.00 07.05- 01.07- 01.07-	111985 112193 112422 111895 114524 114524 114524	14 120 14 120 14 120 14 140 14 180 14 180 14 180					11.95- 09.00 07.05- 114740	111911 114740	12 1.4 12 1.2
524 2.4 Diesel	(E28)[M21D24WA]	03.86- 12.87	110908#	14 80					03.86- 12.87	112533	12 2.2
524 2.4 TD	(E28)[M21D24WA] (E34)[M21D24]	05.85- 12.87	110908#	14 80					09.83- 12.87 03.88- 09.95	112533 112533	12 2.2 12 2.2
525 2.0 Diesel	(F10)[N47D20D] (F11)[N47D20D]								A25 09.11- 09.11-	115335 115335	12 2.2 12 2.2
525 2.0 Diesel xDrive	(F10)[N47D20D] (F11)[N47D20D]								09.11- 09.11-	115335 115335	12 2.2 12 2.2
525 2.5	(E12)[M30B25]								A13 08.73- 05.81 08.73- 08.79 09.79- 05.81	111052 110772 111052	12 1.5 12 1.0 12 1.5
525 2.5 i	(E28)[M30B25] (E34)[M20B25] [M50B25] [M52B25]	06.81- 11.85 11.91-	111147 112687	14 80 14 80					06.81- 12.87 01.88- 08.91 11.91- 01.97 11.91- 01.97 11.91- 01.97	111052 111400 114118 111911 111911 114118	12 1.5 12 1.4 12 1.4 12 1.4 12 1.4
	(E39)[M54256S5] (E60)[M54256S5] [N52B25] (E61)[M54256S5] [N52B25]	09.00- 09.03- 07.05- 06.04- 07.05-	112422 113858 114524 113858	14 120 14 150 14 180 14 150					09.00- 09.03- 03.05 07.05- 06.04- 03.05 07.05-	111911 111911 114740 111911 114740	12 1.4 12 1.4 12 1.2 12 1.2 12 1.2

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

BMW Continued

525 2.5 i 24V	(E34)[M50B25]	09.91- 09.95	112687	14 80	09.89- 09.95	114118	12 1.4
	[M52B25]	09.91- 09.95	112687	14 80	09.89- 09.95	114118	12 1.4
525 2.5 i Xdrive	(E60)[N53B30A]	09.08-	114524	14 180			
525 2.5 iX	(E34)[M50B25]	02.92-	112687	14 80	02.92- 01.97	111911	12 1.4
					02.92- 01.97	114118	12 1.4
	[M52B25]				02.92- 01.97	111911	12 1.4
					02.92- 01.97	114118	12 1.4
525 2.5 iX 24V	(E34)[M52B25]	10.92- 09.95	112687	14 80	10.91- 09.95	114118	12 1.4
525 2.5 Xi	(E60)[N52B25A]	07.05-	114524	14 180	07.05-	114740	12 1.2
	(E61)[N52B25A]				07.05-	114740	12 1.2
525 2.5 Diesel	(E39)[M57D25]	02.00-	112462	14 120	02.00-	113446	12 2.2
		02.00-	112468	14 150			
	(E60)[M57D25 (256D1)]	12.04-	113896	14 170	12.04-	113446	12 2.2
					12.04-	114072	12 2.0
	[M57N256D4]	06.04-	113896	14 170	06.04-	113446	12 2.2
					06.04-	114072	12 2.0
	(E61)[M57N256D4]	06.04-	113896	14 170	06.04-	113446	12 2.2
					06.04-	114072	12 2.0
525 2.5 TD	(E34)[M51D25]	09.91- 12.95	111788	14 105	03.93- 12.95	112533	12 2.2
		03.93- 12.95	112800	14 95	04.93- 09.95	113446	12 2.2
	(E39)[M51D25]	01.96-	111947	14 95	01.97- 09.00	112533	12 2.2
525 2.5 TDS	(E34)[M51D25]	09.91- 12.95	111788	14 105	09.91- 01.97	112533	12 2.2
		09.91- 01.97	112800	14 95			
	(E39)[M51D25]	01.96- 05.04	111947	14 95	01.96- 09.00	112533	12 2.2
525 2.7 E	(E28)[M20B27]	09.83- 11.85	111147	14 80	01.87- 12.87	111400	12 1.4
525 3.0 i	(E60)[N53B30]	01.07-	114524	14 180			
	(E61)[N53B30]	01.07-	114524	14 180			
525 3.0 i Xdrive	(E61)[N53B30A]	09.08-	114524	14 180			
525 3.0 Xi	(E60)[N53B25]	01.07-	114524	14 180			
	(E61)[N53B30A]	01.07-	114524	14 180			
525 3.0 Diesel	(E60)[M57306D3]	01.07-	113896	14 170	01.07-	114127	12 1.6
					01.07-	114091	12 1.8
	(E61)[M57D30 (306D3)]	01.07-	113896	14 170	01.07-	114091	12 1.8
					03.10-	114689	12 2.0
	(F10)[N57D30A]				09.10-	114689	12 2.0
	(F11)[N57D30A]				09.10-	114689	12 2.0
525 3.0 Diesel Xdrive	(E60)[M57306D3]	01.07-	113896	14 170	01.07-	114091	12 1.8
	[M57D30 (306D3)]	09.08-	113896	14 170	09.08-	114091	12 1.8
	(E61)[M57D30 (306D3)]	09.08-	113896	14 170	09.08-	114091	12 1.8
	[N57306D3]	01.07-	113896	14 170	01.07-	114091	12 1.8
528 2.8	(E12)[M30B28]				01.75- 08.77	110772	12 1.0
					04.77- 08.79	110772	12 1.0
					09.79- 05.81	111052	12 1.5
	(E28)[M30B28]	06.81- 11.85	111147	14 80	06.81- 12.87	111052	12 1.5
	(E39)[M52B28]	11.95-	111985		11.95-	111911	12 1.4
	11.95-	112193	14 120				
	11.95- 09.00	112422	14 120				
530 2.9 Diesel	(E39)[M57D30]	08.98-	112462	14 120	08.98- 09.00	113446	12 2.2
		08.98-	112468	14 150	08.98- 05.04	115506	12 2.2 A49
530 2.9 TD	(E39)[M57D30]	08.98-	112462	14 120	08.98- 05.04	115506	12 2.2 A49
		08.98-	112468	14 150	08.98- 09.00	113446	12 2.2
530 3.0 Diesel	(E60)[M57D30 (306D2)]	07.03-	113896	14 170	07.03-	113446	12 2.2
					07.03-	114072	12 2.0
530 3.0 i	(E34)[M30B30]	09.90- 08.91	112812#	14 140	01.88- 08.91	112172	12 1.6
	(E39)[M54B30]	09.00-	112422	14 120	09.00-	111911	12 1.4
	(E60)[M54B30]	07.03-	113858	14 150	07.03- 03.05	111911	12 1.4
	[N52B30]	01.07-	114524	14 180			
	[N52B30A]	07.05-	114524	14 180	07.05-	114740	12 1.2
	[N53B30]	01.07-	114524	14 180			
	(E61)[M54B30]	06.04-	113858	14 150	06.04-	111911	12 1.4
	[N52B30]	01.07-	114524	14 180			
	[N52B30A]	07.05-	114524	14 180			
	[N53B30]	01.07-	114524	14 180			
530 3.0 i V8	(E34)[M60B30]				09.92- 01.97	112553	12 1.7
530 3.0 i Xdrive	(E60)[N53B30A]	09.08-	114524	14 180			
	(E61)[N53B30A]	09.08-	114524	14 180			
530 3.0 Xi	(E60)[N52B30]	01.07-	114524	14 180			
	[N53B30]	01.07-	114524	14 180			
	(E61)[N52B30A]	07.05-	114524	14 180	07.05-	114740	12 1.2
	[N53B30A]	01.07-	114524	14 180			
530 3.0 Diesel	(E60)[M57306D3]	07.03-	113896	14 170	07.03-	114091	12 1.8
	[M57D30 (306D2)]	07.03- 03.10	113896	14 170	07.03- 03.10	114072	12 2.0
	[M57D30 (306D3)]	07.03- 03.10	113896	14 170	01.07-	114127	12 1.6
					07.03- 03.10	114072	12 2.0
					01.07-	114091	12 1.8
	(E61)[M57306D3]	07.05-	113896	14 170	07.05-	114091	12 1.8
	[M57D30 (306D2)]	06.04-	113896	14 170	06.04-	113446	12 2.2
					06.04-	114072	12 2.0
	[M57D30 (306D3)]	01.07-	113896	14 170	01.07-	114091	12 1.8
	(F10)[N57D30A]				03.10-	114689	12 2.0
	(F11)[N57D30A]				09.10-	114689	12 2.0
					09.11-	115335	12 2.2
					10.09-	114689	12 2.0
530 3.0 Diesel GRAN TURISMO	(F07)[N57D30A]						
530 3.0 Diesel Xdrive	(E60)[M57306D3]	07.05-	113896	14 170	07.05-	114091	12 1.8
	[M57D30 (306D3)]	01.07-	113896	14 170	01.07-	114091	12 1.8
					01.07-	114127	12 1.6
	(E61)[M57306D3]	07.05-	113896	14 170	07.05-	114091	12 1.8
	[M57D30 (306D3)]	09.08-	113896	14 170	09.08-	114091	12 1.8
	(F07GT)[N57D30A]				09.10-	114689	12 2.0



	(F10)[N57D30A]					A25 09.11-09.11-	115335	12 2.2
535 3.0 Diesel	(E60)[M57D30 (306D4)]	09.04-	113896	14 170		09.04-	114689	12 2.0
	[M57D30 (306D5)]	01.07-	113896	14 170		09.04-	113446	12 2.2
	(E61)[M57D30 (306D4)]	09.04-	113896	14 170		01.07-	114072	12 2.0
	[M57D30 (306D5)]	01.07-	113896	14 170		01.07-	114091	12 1.8
	(F07GT)[N57D30B]					09.04-	113446	12 2.2
	(F10)[N57D30B]					09.04-	114072	12 2.0
	(F11)[N57D30B]					01.07-	114091	12 1.8
	(F07GT)[N57D30B]					09.10-	114689	12 2.0
535 3.0 Diesel xDrive	(F07GT)[N57D30B]					09.10-	114689	12 2.0
535 3.4 i	(E28)[M30B35]	01.85- 11.85	111147	14 80		09.93-	112553	12 1.7
535 3.5 i	(E34)[M30B35]	09.90- 09.95	112812#	14 140		09.92- 09.95	112553	12 1.7
	(E39)[M62B35]	01.96- 03.99	111895	14 140		01.88- 04.93	112172	12 1.6
		01.96-	112193	14 120			112553	12 1.7
		01.96- 07.00	112426	14 150				
		04.96-	111985					
		04.96- 03.99	112422	14 120				
540 4.0 i	(E34)[M60B40]					09.93-	112553	12 1.7
540 4.0 i V8	(E34)[M60B40]					09.92- 09.95	112553	12 1.7
540 4.4 i	(E39)[M62B44]	01.96- 09.98	112422	14 120		04.96-	112553	12 1.7
		04.96- 05.04	111895	14 140				
		04.96- 09.98	112193	14 120				
		03.97- 07.00	112426	14 150				
545 4.4 i	(E60)[N62B44]	09.03-	114189	14 180				
	(E61)[N62B44]	06.04-	114189	14 180				
550 4.8 i	(E60)[N62B48B]	07.05-	114189	14 180				
	(E61)[N62B48A]	07.05-	114189	14 180				
628 2.8 CSI	(E24)[M30B28]	09.79- 05.81	110877	14 65		09.79- 08.87	111052	12 1.5
		06.81- 11.85	111147	14 80				
630 3.0 CS	(E24)[M30B30]					04.76- 08.79	111052	12 1.5
630 3.0 i	(E63)[N52B30A]	09.04-	114524	14 180				
	(E64)[N52B30A]	09.04-	114524	14 180				
633 3.2 CSI	(E24)[M30B32]	04.76- 05.81	110877	14 65		04.76- 04.82	111052	12 1.5
		09.78- 11.85	111147	14 80				
635 3.0 Diesel	(E63)[M57D30 (306D5)]	07.07-	113896	14 170		07.07-	114091	12 1.8
	(E64)[M57D30 (306D5)]	07.07-	113896	14 170		07.07-	114091	12 1.8
635 3.4 CSI	(E24)[M30B35]	01.85- 11.85	111147	14 80		01.85- 05.89	111052	12 1.5
635 3.5 CSI	(E24)[M30B35]	06.78- 05.81	110877	14 65		06.78- 08.88	111052	12 1.5
		09.79- 11.85	111147	14 80				
	[S38B35]	03.84- 11.85	111147	14 80		03.84- 05.89	111052	12 1.5
640 3.0 i	(F13)[N55B30A]					A25 06.11-	115398	12 1.7
645 4.4 Ci	(E63)[N62B44]	01.04-	114189	14 180				
	[N62B44A]	01.04-	114189	14 180				
	(E64)[N62B44]	04.04-	114189	14 180				
	[N62B44A]	04.04-	114189	14 180				
725 2.5 TDS	(E38)[M51D25]	04.96-	111947	14 95		04.96-	113446	12 2.2
728 2.8	(E23)[M30B28]					05.77- 08.79	110772	12 1.0
						05.77- 08.79	111052	12 1.5
728 2.8 i	(E23)[M30B28]	07.78- 10.82	110877	14 65		07.78- 08.86	111052	12 1.5
		06.81- 11.85	111147	14 80				
	(E38)[M52B28]	08.95-	111985			08.95-	111911	12 1.4
		08.95- 12.01	112422	14 120				
728 2.8 Li	(E38)[M52B28]					08.95- 11.01	111911	12 1.4
730 3.0	(E23)[M30B30]					05.77- 08.79	111052	12 1.5
730 3.0 i	(E32)[M30B30]	09.86- 09.94	112812#	14 140		09.87- 09.94	112172	12 1.6
						09.86- 08.87	111052	12 1.5
	(E38)[M60B30]	10.94- 11.01	111895	14 140		10.94-	112553	12 1.7
	(E65)[M54B30]	03.03- 03.05	113858	14 150		03.03- 03.05	111911	12 1.4
730 3.0 i V8	(E32)[M60B30]					04.92- 09.94	112553	12 1.7
730 3.0 Li	(E32)[M30B30]	09.86- 09.94	112812#	14 140		AT 12.86- 09.94	112172	12 1.6
						09.86- 08.87	111052	12 1.5
	(E38)[M60B30]	10.94- 11.01	111895	14 140				
	(E66)[M54B30]	03.03- 03.05	113858	14 150		03.03- 03.05	111911	12 1.4
	[N52B30A]	07.05-	114524	14 180		07.05-	114740	12 1.2
730 3.0 Li V8	(E32)[M60B30]					04.92- 09.94	112553	12 1.7
730 3.0 Diesel	(E38)[M57306D1]	08.98-	112468	14 150		04.00-	113446	12 2.2
						04.00- 11.01	115506	12 2.2 A49
	[M57D30]	08.98- 04.00	112462	14 120		08.98-	113446	12 2.2
		08.98- 12.01	112468	14 150		08.98- 12.01	115506	12 2.2 A49
	(E65)[M57D30 (306D2)]	10.02-	113896	14 170		10.02-	113446	12 2.2
						10.02-	114072	12 2.0
	(E65, E66)[M57D30 (306D3)]	10.02-	113896	14 170		10.02-	114072	12 2.0
	(E66)[M57D30 (306D3)]	07.05-	113896	14 170		07.05-	114091	12 1.8
	[N57N306D2]	07.05-	113896	14 170		07.05-	114091	12 1.8
	(F01, F02)[N57D30A]					10.08-	114689	12 2.0
732 3.2 i Motronic	(E23)[M30B32]	05.77- 10.82	110877	14 65		05.77- 08.86	111052	12 1.5
		06.81- 11.85	111147	14 80				
733 3.2 i L-Jetronic	(E23)[M30B32]	05.77- 12.82	110877	14 65		05.77- 12.82	111052	12 1.5
		05.77- 12.82	111147	14 80				
		05.77- 12.82	112780	14 90				
735 3.4 i	(E23)[M30B35]	01.85- 11.85	111147	14 80		01.85- 08.86	111052	12 1.5
	(E32)[M30B35]	09.86- 03.94	112812#	14 140		09.87- 03.94	112172	12 1.6
						09.86- 08.87	111052	12 1.5
735 3.5 i	(E23)[M30B35]	09.79- 10.82	110877	14 65		09.79- 08.86	111052	12 1.5
		09.79- 11.85	111147	14 80				
	(E38)[M62B35S1]	01.96- 11.01	111895	14 140		01.96-	112553	12 1.7
		10.98- 07.00	112426	14 150				

## STARTERS & ALTERNATORS

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Application list

BMW Continued

735 3.6 i	(E65)[N62B36]	11.01-	114189	14	180				
735 3.6 Li	(E66)[N62B36]	11.01-	114189	14	180				
740 3.0 Diesel	(F01, F02)[N57D30B]					09.09-	114689	12	2.0
740 3.0 Diesel xDrive	(F01, F02)[N57D30B]					09.09-	114689	12	2.0
740 3.9 Diesel	(E38)[M67D39]	10.98- 07.00	112426	14	150				
740 4.0 i	(E38)[M60B40]	10.94- 11.01	111895	14	140	10.94-	112553	12	1.7
740 4.0 i V8	(E32)[M60B40]					04.92- 09.94	112553	12	1.7
740 4.0 Li	(E38)[M60B40]	10.94- 11.01	111895	14	140				
740 4.0 Li V8	(E32)[M60B40]					04.92- 09.94	112553	12	1.7
740 4.4 i	(E38)[M62B44]	01.96- 11.01	111895	14	140	01.96-	112553	12	1.7
		10.98- 07.00	112426	14	150				
740 4.4 Li	(E38)[M62B44]	01.96- 11.01	111895	14	140				
745 3.2 i	(E23)[M30B32]	04.80- 11.85	111147	14	80	04.80- 04.83	111052	12	1.5
745 3.4 i	(E23)[M30B35]	05.83- 11.85	111147	14	80	05.83- 08.86	111052	12	1.5
745 4.4 i	(E65)[N62B44]	11.01-	114189	14	180				
745 4.4 Li	(E66)[N62B44]	11.01-	114189	14	180				
745 4.4 Diesel	(E65)[N67N44]	07.05-	114189	14	180				
750 4.8 i	(E65)[N62B48B]	07.05-	114189	14	180				
750 4.8 Li	(E66)[N62B48B]	07.05-	114189	14	180				
750 5.4 i	(E38)[M73B54]	10.94- 11.01	111895	14	140				
		10.98- 12.01	112426	14	150				
750 5.4 Li	(E38)[M73B54]	10.94- 11.01	111895	14	140				
		10.98- 12.01	112426	14	150				
840 4.0 i	(E31)[M60B40]					02.93- 02.96	112553	12	1.7
840 4.4 Ci	(E31)[M62B44]	01.96- 12.99	111895	14	140	09.94- 12.99	112553	12	1.7
850 5.4 Ci	(E31)[M73B54]	09.94- 12.99	111895	14	140				
850 5.6 CSI	(E31)[M70B56]	04.93- 12.96	111895	14	140				
1502 1.6	(E10)[M10B1 6]	Chas. -10000569, 08.70- 07.77 W123568, 12569812 V	110901						
1600 1.6	(E6)[M10B16]	05.71- 04.73	110901						
1600 1.6 Ti	(E10)[M10B16]	09.67- 11.69	110901						
1602 1.6 FSi	(E10)[M10B16]	05.71- 07.75	110901						
1800 1.8	(E10)[M10B18]	07.69- 11.72	110901						
1802 1.8	(E10)[M10B18]	08.70- 07.77	110877	14	65				
	(E6)[M10B18]	05.71- 07.75	110901						
		08.70- 07.77	110877	14	65				
		05.71- 07.75	110901						
2000 2.0	(E10)[M10B20]	09.68- 07.72	110901			09.68- 07.72	110772	12	1.0
	(E9)[M10B20]					10.65- 06.70	110772	12	1.0
2000 2.0 CS	(E9)[M10B20]					10.65- 06.70	110772	12	1.0
2000 2.0 Ti	(E10)[M10B20]	08.70- 07.72	110901			01.66- 07.72	110772	12	1.0
2000 2.0 Tii	(E10)[M10B20]	08.70- 07.72	110901			12.69- 07.72	110772	12	1.0
2002 2.0	(E10)[M10B20]	08.70- 07.75	110901			02.68- 07.75	110772	12	1.0
	(E6)[M10B20]	05.71- 07.75	110901			05.71- 07.75	110772	12	1.0
2002 2.0 Ti	(E10)[M10B20]	08.70- 04.72	110901			06.68- 04.72	110772	12	1.0
2002 2.0 Tii	(E10)[M10B20]	05.71- 07.75	110901			05.71- 07.75	110772	12	1.0
	(E6)[M10B20]	01.71- 07.75	110901			01.71- 07.75	110772	12	1.0
2002 2.0 Turbo	(E10)[M10B20]	01.74- 07.75	110901			01.74- 07.75	110772	12	1.0
2500 2.5	(E3)[M30B25]					A13 05.71- 04.77	111052	12	1.5
						10.68- 04.77	110772	12	1.0
2800 2.8	(E3)[M30B28]	03.76-	110877	14	65	A13 10.68- 07.75	111052	12	1.5
						10.68- 07.75	110772	12	1.0
1600-2 1.6	(E10)[M10B16]	12.67- 12.71	110901						
2.5 2.5 CS	(E9)[M30B25]					09.74- 03.76	110772	12	1.0
						09.74- 03.76	111052	12	1.5
2.8 2.8 L	(E3)[M30B28]					02.75- 04.77	110772	12	1.0
						02.75- 04.77	111052	12	1.5
3.0 3.0 CS	(E9)[M30B30]					05.71- 07.73	110772	12	1.0
						05.71- 04.77	111052	12	1.5
3.0 3.0 CSI	(E9)[M30B30]					07.71- 07.73	110772	12	1.0
						07.71- 03.76	111052	12	1.5
3.0 3.0 L	(E3)[M30B30]					02.75- 04.77	111052	12	1.5
3.0 3.0 S	(E3)[M30B30]					05.71- 07.73	110772	12	1.0
						05.71- 04.77	111052	12	1.5
3.0 3.0 Si	(E3)[M30B30]					07.71- 07.73	110772	12	1.0
						07.71- 04.77	111052	12	1.5
3.0 3.2 CSL	(E9)[M30B32]					01.74- 04.77	111052	12	1.5
3.2 2.8 CS	(E9)[M30B28]					01.69- 04.71	110772	12	1.0
3.3 3.2 Li	(E3)[M30B32]	03.76- 04.77	110877	14	65	10.75- 04.77	111052	12	1.5
3.3 3.3 L	(E3)[M30B33]	10.75- 04.77	110877	14	65	01.74- 04.77	111052	12	1.5
M1 3.5	[M88B35]	05.79- 05.81	110877	14	65				
M3 2.3	(E30)[S14B23]	07.86- 06.91	111147	14	80				
M3 2.3 Evolution I	(E30)[S14B23]	02.87- 05.87	111147	14	80				
M3 2.5 Evolution III	(E30)[S14B25]	01.90- 01.92	111147	14	80				
M3 3.2	(E46)[S54B32]	06.00-	112472	14	100	06.00-	114198	12	1.3
M3 3.2 CSL	(E46)[S54N32]					06.03-	114198	12	1.3
M5 3.5	(E28)[S38B35]	01.85- 11.85	111147	14	80	01.85- 12.87	111052	12	1.5
	(E34)[S38B36]					10.88- 05.92	112172	12	1.6
	[S38B36]					10.88- 05.92	112172	12	1.6
M5 3.5 i	(E12)[M30B35]	06.80- 08.81	110877	14	65	06.80- 08.81	111052	12	1.5
		06.80- 08.81	111147	14	80				
M5 3.8	(E34)[S38B38]					03.92- 12.95	112172	12	1.6
M5 4.9	(E39)[S38B49]					10.98-	112553	12	1.7
M5 5.0	(E61)[S85B50A]	02.07-	113896	14	170	02.07-	113841	12	1.7
M6 3.5 CSI	(E24)[S38B35]	03.84- 11.85	111147	14	80	03.84- 05.89	111052	12	1.5
M6 5.0	(E63)[S85B50A]	09.05-	113896	14	170				
X1 2.0 sDrive18i	(E84)[N46B20B]	01.10-	113871	14	150	01.10-	114297	12	1.2
X1 2.0 Diesel xDrive28i	(E84)[N20B20A]					A25 04.11-	115398	12	1.7
X1 2.0	(E84)[N47D20C]					03.11-	115335	12	2.2

**STARTERS & ALTERNATORS**

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X1 2.0 Diesel	(E84)[N47D20C]					04.12-	115335	12	2.2
X1 2.0 Diesel Sdrive	(E84)[N47D20C]					A25 10.09-	115335	12	2.2
						10.09-	114689	12	2.0
X1 2.0 Diesel sDrive18d	(E84)[N47D20C]					A25 03.09-	115335	12	2.2
						03.09-	114689	12	2.0
X1 2.0 Diesel sDrive20d	(E84)[N47D20C]					A25 03.10-	115335	12	2.2
						03.10-	114689	12	2.0
X1 2.0 Diesel Xdrive	(E84)[N47D20C]					A25 10.09-	115335	12	2.2
						10.09-	114689	12	2.0
	[N47D20D]					10.09-	115335	12	2.2
X1 2.0 Diesel xDrive18d	(E84)[N47D20C]					A25 03.09-	115335	12	2.2
						03.09-	114689	12	2.0
X1 2.0 Diesel xDrive20d	(E84)[N47D20C]					A25 03.10-	115335	12	2.2
						03.10-	114689	12	2.0
X1 3.0 Xdrive	(E84)[N52B30A]	10.09-	114524	14	180				
X1 3.0 xDrive25i	(E84)[N52B30A]	01.10-	114524	14	180				
X3 2.0 i	(E83)[N46B20A]	07.05-	113871	14	150	07.05-	114297	12	1.2
	[N46B20B]	09.05-	113871	14	150				
X3 2.0 i Xdrive	(E83)[N46B20B]					09.08-	114297	12	1.2
X3 2.0	(F25)[N47D20C]					09.10-	115335	12	2.2
X3 2.0 Diesel	(E83)[M47D20 (204D4)]	10.04-	113878	14	120	10.04-	114127	12	1.6
		10.04-	113881	14	150				
	[N47D20A]					09.07-	114689	12	2.0
	(F25)[N47D20C]					A25 08.11-	115335	12	2.2
X3 2.0 Diesel sDrive	(F25)[N47D20C]					08.11-	115335	12	2.2
X3 2.0 Diesel Xdrive	(E83)[N47D20C]					09.08-	114689	12	2.0
X3 2.0 Diesel xDrive 20d	(F25)[N47D20C]					A25 09.10-	115335	12	2.2
						09.10-	114689	12	2.0
X3 2.0 Diesel xDrive20d	(E83)[N47D20C]	09.08-	114292	14	180	09.08-	114689	12	2.0
X3 2.5 i	(E83)[M54256S5]	01.04-	113858	14	150	01.04-	111911	12	1.4
X3 2.5 i Xdrive	(E83)[N52B25]	09.08-	114524	14	180				
X3 3.0 i	(E83)[M54B30]	01.04-	113858	14	150	01.04-	111911	12	1.4
X3 3.0 i Xdrive	(E83)[N52B30]	09.08-	114524	14	180				
X3 3.0 Diesel	(E83)[M57D30 (306D2)]	01.04-	113881	14	150	01.04-	113446	12	2.2
						01.04-	114072	12	2.0
	[M57D30 (306D3)]	01.04-	113858	14	150	01.04-	114091	12	1.8
X3 3.0 Diesel Sdrive	(E83)[M57D30 (306D5)]					09.06-	114091	12	1.8
X3 3.0 Diesel Xdrive	(E83)[M57D30 (306D3)]					09.08-	114091	12	1.8
	[M57D30 (306D5)]					09.08-	114091	12	1.8
X3 3.0 Diesel xDrive 30d	(F25)[N57D30A]					A25 05.11-	115335	12	2.2
						05.11-	114689	12	2.0
X3 3.0 Diesel xDrive30d	(E83)[M57D30 (306D3)]					09.08-	114091	12	1.8
X5 3.0 i	(E53)[M54306S3]	04.00-	112422	14	120	05.00-	111911	12	1.4
	[M54B30]	10.98-	112426	14	150	10.99-	111911	12	1.4
		10.99-	112422	14	120				
X5 3.0 i Xdrive	(E70)[N52B30A]	09.08-	114524	14	180				
X5 3.0 Si	(E70)[N52B30]	02.07- 09.08	114524	14	180				
X5 3.0	(E70)[N57D30A]					A25 09.08-	115335	12	2.2
X5 3.0 Diesel	(E53)[M57306D1]	04.00-	112462	14	120	03.01- 09.03	115506	12	2.2
		04.00-	112468	14	150	04.00-	113446	12	2.2
	[M57N306D4]	12.03-	113881	14	150	09.03-	113446	12	2.2
						12.03-	114072	12	2.0
	(E70)[M57306D3]	02.07- 09.08	114385	14	170	02.07- 09.08	114091	12	1.8
X5 3.0 Diesel 4x4	(E53)[M57D30 (306D2)]					08.04-	114072	12	2.0
	(E70)[M57D30 (306D3)]	02.07- 09.08	114385	14	170	02.07- 09.08	114091	12	1.8
X5 3.0 Diesel Sdrive	(E70)[M57D30 (306D5)]	09.07- 09.08	114385	14	170	09.07- 09.08	114091	12	1.8
X5 3.0 Diesel Xdrive	(E70)[M57N306D5]	09.08-	114385	14	170	09.08-	114091	12	1.8
	[N57D30A]	09.08-	114385	14	170	09.08-	114091	12	1.8
X5 3.0 Diesel xDrive30d	(E70)[N57D30A]					09.10-	114689	12	2.0
X5 3.0 Diesel xDrive40d	(E70)[N57D30B]					09.10-	114689	12	2.0
X5 4.4 i	(E53)[M62B44]	10.98- 07.00	112426	14	150	04.00-	112553	12	1.7
	[N62B44A]	12.03-	114189	14	180				
X5 4.6 iS	(E53)[M62B46]	02.02-	112426	14	150	02.02-	112553	12	1.7
X6 3.0 Diesel Xdrive	(E71)[M57D30 (306D5)]	05.08-	114385	14	170	05.08-	114091	12	1.8
	[M57N2306D3]	05.08-	114385	14	170	05.08-	114091	12	1.8
	[N57D30A]	09.08-	114385	14	170	09.08-	114091	12	1.8
X6 3.0 Diesel xDrive30d	(E71)[N57D30A]					09.10-	114689	12	2.0
	(E71, E72)[N57D30A]					09.10-	114689	12	2.0
X6 3.0 Diesel xDrive40d	(E71)[N57D30B]					10.10-	114689	12	2.0
Z1 2.5	[M20B25]					11.88- 06.91	111400	12	1.4
Z3 1.8	(E36)[M43194E1]	07.98-	112413	14	90				
	[M43B19]					07.98-	111911	12	1.4
Z3 1.8 i	(E36)[M43B18]					03.96-	111911	12	1.4
Z3 1.9 i	(E36)[M43194E1]	09.98- 08.00	112413	14	90	01.99-	111911	12	1.4
Z3 1.9 i 16V	[M44B19]					03.96-	111911	12	1.4
Z3 2.0	(E36)[M52B20]	04.99- 01.03	111895	14	140	04.99-	111911	12	1.4
		04.99- 12.00	111985						
Z3 2.2	(E36)[M54B22]	08.00-	112422	14	120	08.00-	111911	12	1.4
Z3 2.8 i	(E36)[M52B28]	11.96- 09.00	112193	14	120	11.96- 09.00	111911	12	1.4
		03.97- 09.97	111985						
		04.97- 09.00	112422	14	120				
Z3 3.0	(E36)[M54B30]	06.00-	112422	14	120	06.00-	111911	12	1.4
Z3 3.2	(E36)[S54326S4]	06.01-	112462	14	120 ▲	06.01- 01.03	114198	12	1.3
	[S54B32]	06.01-	112462	14	120 ▲	06.01- 01.03	114198	12	1.3
Z4 2.0 i	(E85)[N46B20A]	03.05-	113871	14	150	04.05-	114297	12	1.2
	[N46B20C]	03.95-	113871	14	150				
Z4 2.2 i	(E85)[M54B22]					10.03-	111911	12	1.4
Z4 2.5 i	(E85)[M54256S5]					02.03-	111911	12	1.4
	[N52B25A]					01.06-	114740	12	1.2

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

BMW Continued

Z4 2.5 Si	(E85)[N52B25A]					01.06-	114740	12	1.2
Z4 3.0 i	(E85)[M54B30]					02.03-	111911	12	1.4
Z4 3.0 Si	(E85)[N52B30A]					01.06-	114740	12	1.2
Z8 4.9	(E52)[S38B49]					06.00-	112553	12	1.7
PASSENGER CARS US									
318 1.8 i	[M10]	01.84-	01.85	111147	14 80	01.84-	01.85	111052	12 1.5
318 1.8 iS	[M42]					01.91-	01.95	111911	12 1.4
318 1.8 Ti	[M42]	01.95-		111946	14 80				
		01.95-		112683	14 105				
318 1.9	[M44]	01.96-	01.97	111946	14 80	01.96-	01.97	111911	12 1.4
318 1.9 i	[M44]	01.96-	01.98	111946	14 80	01.96-	01.98	111911	12 1.4
318 1.9 iS	[M44]	01.96-	01.97	111946	14 80	01.96-	01.97	111911	12 1.4
318 1.9 Ti	[M44]	01.96-	01.99	111946	14 80	01.96-	01.99	111911	12 1.4
320 1.8 i	[M10]					01.80-	01.83	111052	12 1.5
320 2.0 i	[M10]					01.77-	01.79	111052	12 1.5
323 2.5 Ci	[M52]	01.00-	01.00	112193	14 120	01.00-	01.00	111911	12 1.4
		01.00-	01.00	112422	14 120				
323 2.5 i	[M52]	01.99-	01.00	112687	14 80	01.99-	01.00	111911	12 1.4
323 2.5 i Sport	[M52]	01.00-	01.00	112193	14 120	01.00-	01.00	111911	12 1.4
		01.00-	01.00	112422	14 120				
323 2.5 iC	[M52]	01.98-	01.99	112687	14 80	01.98-	01.99	111911	12 1.4
323 2.5 iS	[M52]	01.98-	01.99	112687	14 80	01.98-	01.99	111911	12 1.4
325 2.5 Ci	[M54]	01.01-	01.03	112422	14 120	01.01-	01.03	111911	12 1.4
325 2.5 i	[M20]					01.87-	01.91	111400	12 1.4
		01.92-	01.95	112687	14 80	01.92-	01.95	111400	12 1.4
325 2.5 i Sport	[M54]	01.01-	01.03	112422	14 120	01.01-	01.03	111911	12 1.4
		01.01-	01.03	112422	14 120				
325 2.5 iC	[M20]					01.87-	01.93	111400	12 1.4
325 2.5 iS	[M20]	01.94-	01.95	112687	14 80				
						01.87-	01.91	111400	12 1.4
325 2.5 iX	[M20]					01.92-	01.95	111400	12 1.4
325 2.5 iX	[M20]					01.88-	01.91	111400	12 1.4
325 2.5 Xi	[M54]	01.01-	01.03	112422	14 120	01.01-	01.03	111911	12 1.4
325 2.5 Xi Sport	[M54]	01.01-	01.03	112422	14 120	01.01-	01.03	111911	12 1.4
325 2.7	[M20]					01.87-	01.88	111400	12 1.4
325 2.7 E	[M20]	01.84-	01.87	111147	14 80				
328 2.8	[M52]	01.98-	01.99	112687	14 80	01.98-	01.99	111911	12 1.4
328 2.8 Ci	[M52]	01.00-	01.00	112193	14 120	01.00-	01.00	111911	12 1.4
		01.00-	01.00	112422	14 120				
328 2.8 i	[M52]	01.00-	01.00	112193	14 120				
		01.00-	01.00	112422	14 120	01.96-	01.00	111911	12 1.4
		01.96-	01.99	112687	14 80				
328 2.8 iC	[M52]	01.96-	01.97	112687	14 80	01.96-	01.97	111911	12 1.4
328 2.8 iS	[M52]	01.96-	01.99	112687	14 80	01.96-	01.99	111911	12 1.4
330 3.0 Ci	[M54]	01.01-	01.03	112422	14 120	01.01-	01.03	111911	12 1.4
330 3.0 i	[M54]	01.01-	01.03	112422	14 120	01.01-	01.03	111911	12 1.4
330 3.0 Xi	[M54]	01.02-	01.03	112422	14 120	01.02-	01.03	111911	12 1.4
524 2.4 TD	[M21]	01.85-	01.86	110908#	14 80				
525 2.5 i	[M20]					01.89-	01.90	111400	12 1.4
		01.01-	01.03	112422	14 120	01.01-	01.03	111911	12 1.4
525 2.5 i Sport	[M54]	01.01-	01.03	112422	14 120	01.01-	01.03	111911	12 1.4
525 2.5 iT	[M50]	01.93-		112687	14 80				
528 2.7 E	[M20]					01.87-	01.88	111400	12 1.4
528 2.8 i	[M30]	01.79-	01.81	110877	14 65	01.79-	01.81	111052	12 1.5
		01.97-	01.00	112193	14 120	01.97-	01.00	111911	12 1.4
528 2.8 iT	[M52]	01.98-	01.00	112422	14 120				
		01.99-	01.00	112193	14 120	01.99-	01.00	111911	12 1.4
530 3.0 i	[M30]					01.75-	01.78	111052	12 1.5
		01.01-	01.03	112422	14 120	01.01-	01.02	111911	12 1.4
						01.94-	01.95	112553	12 1.7
530 3.0 iT	[M60]					01.94-	01.95	112553	12 1.7
530 3.2 i	[M30]	01.83-	01.84	111147	14 80	01.83-	01.84	111052	12 1.5
535 3.5 i	[M30]	01.85-	01.86	111147	14 80	01.85-	01.86	111052	12 1.5
		01.88-	01.93	112812#	14 140	01.88-	01.93	112172	12 1.6
535 3.5 iS	[M30]	01.88-		112812#	14 140	01.88-		112172	12 1.6
540 4.0 i	[M60]					01.94-	01.95	112553	12 1.7
540 4.4 i	[M62]	01.03-		112426	14 150	01.97-	01.02	112553	12 1.7
		01.97-	01.02	111895	14 140				
540 4.4 i Sport	[M62]	01.01-	01.03	112426	14 150	01.01-	01.02	112553	12 1.7
540 4.4 iT	[M62]	01.99-	01.00	112426	14 150	01.99-	01.00	112553	12 1.7
630 3.0 CSI	[M30]					01.77-		111052	12 1.5
633 3.2 CSI	[M30]	01.78-	01.84	110877	14 65	01.78-	01.84	111052	12 1.5
		09.79-	11.85	111147	14 80				
635 3.5 CSI	[M30]	01.85-	01.86	111147	14 80	01.85-	01.89	111052	12 1.5
733 3.2 i	[M30]	01.78-	01.84	110877	14 65	01.78-	01.84	111052	12 1.5
735 3.5 i	[M30]	01.85-	01.86	111147	14 80	01.85-	01.92	111052	12 1.5
		01.87-	01.92	112812#	14 140				
735 3.5 iL	[M30]	01.88-	01.92	112812#	14 140	01.88-	01.92	112172	12 1.6
740 4.0 i	[M60]	01.95-		111895	14 140	01.93-	01.94	112553	12 1.7
740 4.0 iL	[M60]					01.93-	01.95	112553	12 1.7
740 4.4 i	[M62]	01.97-	01.98	111895	14 140	01.97-	01.01	112553	12 1.7
		01.98-	01.01	112426	14 150				
740 4.4 iL	[M62]	01.96-	01.98	111895	14 140	01.96-	01.01	112553	12 1.7
750 5.0 iL	[M70]	01.99-	01.01	112426	14 150				
		01.88-	01.94	111895	14 140				
750 5.4 iL	[M73]	01.95-	01.98	111895	14 140				
		01.99-	01.01	112426	14 150				
840 4.0 Ci	[M60]					01.94-	01.95	112553	12 1.7



840 4.4 Ci	[M62]	01.96- 01.97	111895	14	140			01.96- 01.97	112553	12	1.7
850 5.0 Ci	[M70]	01.93- 01.94	111895	14	140						
850 5.0 i	[M70]	01.91- 01.92	111895	14	140						
850 5.4 Ci	[M73]	01.95- 01.97	111895	14	140						
850 5.6 CSI	[S70]	01.94- 01.95	111895	14	140						
1600 1.6		01.67- 01.71	110901								
1600 1.6 Ti		01.68-	110901								
1800 1.8		01.66- 01.71	110901					01.66- 01.71	111052	12	1.5
1802 1.8		08.70- 07.77	110877	14	65			01.71-	111052	12	1.5
		01.71-	110901								
2000 2.0		01.66- 01.72	110901					01.66- 01.72	111052	12	1.5
2000 2.0 C		01.68- 01.69	110901					01.68- 01.69	111052	12	1.5
2000 2.0 CS		01.68- 01.69	110901					01.68- 01.69	111052	12	1.5
2000 2.0 Ti		01.68- 01.71	110901					01.68- 01.71	111052	12	1.5
2000 2.0 Tii		01.69- 01.72	110901					01.69- 01.72	111052	12	1.5
2000 2.0 Tii Lux		01.68- 01.71	110901					01.68- 01.71	111052	12	1.5
2002 2.0		01.66- 01.76	110901					01.66- 01.76	111052	12	1.5
2002 2.0 Ti		01.68- 01.71	110901					01.68- 01.71	111052	12	1.5
2002 2.0 Tii		01.71- 01.74	110901					01.71- 01.74	111052	12	1.5
2002 2.0 Turbo		01.73- 01.74	110901					01.73- 01.74	111052	12	1.5
2500 2.5								01.68- 01.71	111052	12	1.5
2800 2.8								01.68- 01.74	111052	12	1.5
2800 2.8 CS		03.76-	110877	14	65			01.68- 01.71	111052	12	1.5
2.8 2.8 Bavaria								01.71-	111052	12	1.5
3.0 3.0 Bavaria								01.72- 01.74	111052	12	1.5
3.0 3.0 CS								01.71- 01.74	111052	12	1.5
3.0 3.0 CSI								01.71- 01.74	111052	12	1.5
3.0 3.0 CSL								01.71-	111052	12	1.5
3.0 3.0 S								01.71- 01.74	111052	12	1.5
3.0 3.0 Si								01.71- 01.76	111052	12	1.5
L6 3.5	[M30]							01.87- 01.87	111052	12	1.5
L7 3.5	[M30]							01.86-	111052	12	1.5
M3 3.0	[S50]	01.95-	112687	14	80						
M3 3.2	[S52]	01.96- 01.99	112687	14	80			01.96- 01.99	111911	12	1.4
M5 3.5	[S38]							01.88-	111052	12	1.5
M5 3.6	[S38]							01.91- 01.93	112172	12	1.6
M5 5.0	[S62]							01.00- 01.03	112553	12	1.7
M6 3.5	[S38]							01.87- 01.88	111052	12	1.5
X5 3.0	[M54]	01.01- 01.03	112422	14	120						
X5 3.0 i	[M54]	01.05-	112422	14	120						
		10.98-	112426	14	150						
X5 4.4	[M62]	01.00- 01.03	112426	14	150			01.00- 01.03	112553	12	1.7
X5 4.6 iS	[M62]	01.02- 01.03	112426	14	150			01.03- 01.03	112553	12	1.7
Z3 1.9	[M44]	01.96- 01.98	111946	14	80			01.96- 01.98	111911	12	1.4
Z3 2.5	[M52]	01.99- 01.00	112193	14	120			01.99- 01.00	111911	12	1.4
		01.99- 01.99	112422	14	120						
	[M54]	01.01- 01.02	112422	14	120			01.01- 01.02	111911	12	1.4
Z3 2.8	[M52]	01.97- 01.00	112193	14	120			01.97- 01.00	111911	12	1.4
		01.97- 01.00	112422	14	120						
Z3 3.0	[M54]	01.01- 01.02	112422	14	120			01.01- 01.02	111911	12	1.4
Z3 3.2 M	[S52]	01.99- 01.00	112687	14	80			01.99- 01.00	111911	12	1.4
Z4 2.5	[M54]							01.03- 01.03	111911	12	1.4
Z4 3.0	[M54]							01.03- 01.03	111911	12	1.4
Z8 5.0	[S62]							01.01- 01.03	112553	12	1.7
<b>PASSENGER CARS AO</b>											
318 1.8 i	(E30)[M40B18C]	06.88- 02.92	112764#	14	90			06.88- 02.92	111911	12	1.4
		06.88- 02.92	113864#	14	90						
330 3.0 i	(E92)[N52B30A]	08.06-	114524	14	180						
330 3.0 Xi	(E92)[N52B30A]	09.06-	114524	14	180						
735 4.0 i	(E65, E66)[N62B40A]	03.05-	114189	14	180						
M5 5.0	(E39)							09.98- 06.03	112553	12	1.7
Z3 3.2								08.00- 06.03	114198	12	1.3
<b>MOTOR BIKES</b>											
R100 1.0		06.76-	113988	14	17			06.76-	111334	12	1.2
R1100 1.1								01.93- 01.01	111335	12	1.1
R1150 1.1								01.00- 01.01	111335	12	1.1
R45 0.5		06.78- 07.85	113988	14	17			06.78- 07.85	111334	12	1.2
R50 0.5		09.69- 07.73	113988	14	17			09.69- 07.73	111334	12	1.2
R60.5 0.6		09.69- 06.73	113988	14	17			09.69- 06.73	111334	12	1.2
R60.6 0.6		09.74- 06.78	113988	14	17			09.74- 06.78	111334	12	1.2
R60.7 0.6		09.76- 06.80	113988	14	17			09.76- 06.80	111334	12	1.2
R65 0.7		06.78- 12.93	113988	14	17			07.78- 12.93	111334	12	1.2
R75.5 0.8		09.69- 09.80	113988	14	17			09.69- 09.80	111334	12	1.2
R75.6 0.8		09.73- 08.76	113988	14	17			09.73- 08.76	111334	12	1.2
R75.7 0.8		09.76- 08.79	113988	14	17			09.76- 08.79	111334	12	1.2
R80 0.8		09.77-	113988	14	17			09.77-	111334	12	1.2
R90 0.9		08.73-	113988	14	17			08.73-	111334	12	1.2
<b>MARINE</b>											
Marine 2.0	[B130]	12.78- 07.87	113631	14	90			12.78- 07.87	111052	12	1.5
Marine 2.8	[B190]	03.78- 07.87	113631	14	90			03.78- 07.87	111052	12	1.5
Various Models								10.81- 07.87	112173	12	2.7
								12.78- 07.87	110363	12	0.7
								03.78- 07.87	111052	12	1.5
<b>Bobcat</b>											
<b>INDUSTRY</b>											
322	[Kubota]								114738	12	1.4
320C	[Kubota]								114738	12	1.4
320D	[Kubota]								114738	12	1.4
322C	[Kubota]								114738	12	1.4

## STARTERS &amp; ALTERNATORS

O. E. M. names and numbers are used for reference purposes only.



Application list

**BOBCAT** Continued

E55W	[4TNV98]							114874	12	3.0
<b>MISCELLANEOUS</b>										
443	[D750]	01.82-	01.88	110325#	14	18		01.82-	01.88	110469 12
533	[Isuzu]							01.80-	01.81	110469 12
543	[D950]							01.82-	01.88	110469 12
611	[Deutz]							01.80-	01.81	110602 12 2.8
621	[Deutz]							01.80-	01.81	110602 12 2.8
632	[4-98]							01.81-		110469 12
641	[F2L511]	01.82-		110325#	14	18		01.82-		110590 12 2.8
642	[Ford]	01.84-		110325#	14	18		01.84-		110469 12
643		01.82-	01.89	110325#	14	18		01.82-	01.89	110602 12 2.8
671								08.80-		110590 12 2.8
672								01.80-		110469 12
733	[Deutz]							08.80-	01.81	110602 12 2.8
741	[F2L511]	01.82-		110325#	14	18		01.82-		110590 12 2.8
743		01.82-		110325#	14	18		01.82-	01.85	110602 12 2.8
753								01.90-	01.93	110602 12 2.8
								01.93-		112489 12 2.7
773		01.95-		110540	14	55		01.94-		112489 12 2.7
825	[Perkins]							01.80-	01.81	110602 12 2.8
833	[Perkins]							01.80-	01.81	110602 12 2.8
843	[Perkins]							01.80-	01.81	110602 12 2.8
943								01.88-		110590 12 2.8
970								01.70-	01.76	110468 12
974								01.89-		110590 12 2.8
975								01.77-	01.83	111221 12 2.5
								01.89-		110590 12 2.8
980		01.88-		110540	14	55		01.88-		112267 12 2.5
1600								01.89-		110602 12 2.8
2000								01.89-		110590 12 2.8
2200	[Kubota]									114194 12 1.0
S175	[Kubota]							01.02-	01.03	113727 12 2.7
S185	[Kubota]	01.02-	01.03	113600	14	90		01.02-	01.03	113727 12 2.7
S250	[Kubota]	01.02-	01.03	113600	14	90		01.02-	01.03	113727 12 2.7
T200	[Deutz]	01.99-		113600	14	90				
Various Models										112489 12 2.7
				114205	14	40				110536 12 2.7
				113347	14	20				110536 12 2.7
				110540	14	55		01.89-	12.95	111383 12 2.8
		01.72-		110325#	14	18 DR				112659 12 1.0
				113600	14	90				111300 12 1.4
										110942 12 2.5
										110590 12 2.8
										110949 12 0.6
								01.75-	01.85	111221 12 2.5
<b>Bomag</b>										
<b>INDUSTRY</b>										
BW 211 B 5.7	[F6L912]							01.83-	06.85	110536 12 2.7
BW 75 H 0.6	[E785]							01.79-	06.81	112542 12 1.35
BW 75 HS 0.6	[E785]							04.80-	04.95	112542 12 1.35
Various Models								01.75-		113181 12 2.3
<b>Bombardier</b>										
<b>MISCELLANEOUS</b>										
Various Models										113734# 12 0.6
										111915 12 0.6
										113681 12 0.6
<b>Bosch</b>										
<b>MOTORS</b>										
DDOD 100 9.6	[F6L413]							04.82-	01.99	112651 24 4.8
								04.82-	01.99	114437 24 5.4
DDOD 17 2.0	[F2L912]	04.82-		110641	14	33				
DDOD 27 2.8	[F3L912]	04.82-		110641	14	33		01.92-	01.99	112555 12 3.1
								04.82-	12.91	110536 12 2.7
DDOD 36 4.0	[F4L912]	04.82-		110641	14	33		04.82-	12.91	110536 12 2.7
								01.92-	01.99	112555 12 3.1
DDOD 46 4.7	[F5L912]	04.82-		110641	14	33				
DDOD 57 5.7	[F6L912]	04.82-		110641	14	33				
DDOD 83 8.0 Diesel	[F5L413FR]							04.82-	01.99	112651 24 4.8
<b>Bova</b>										
<b>TRUCKS EU</b>										
122 12.9	[MX300]	10.06-		114089	28	80		10.06-		115511 24 5.5 A49
		10.06-		114314	28	110		10.06-		114073 24 5.5
		10.06-		115495	28	80 A49				
130 12.9	[MX340]	07.07-		114089	28	80		07.07-		115511 24 5.5 A49
		07.07-		114314	28	110		07.07-		114073 24 5.5
		07.07-		115495	28	80 A49				
	[MX375]	07.07-		114089	28	80		07.07-		114073 24 5.5
		07.07-		114314	28	110		07.07-		115511 24 5.5 A49
		07.07-		115495	28	80 A49				
131 12.9	[MX340]	07.07-		114089	28	80		07.07-		115511 24 5.5 A49
		07.07-		114314	28	110		07.07-		114073 24 5.5
		07.07-		115495	28	80 A49				
141 12.9	[MX340]	07.07-		114089	28	80		07.07-		114073 24 5.5
		07.07-		114314	28	110		07.07-		115511 24 5.5 A49
		07.07-		115495	28	80 A49				
	[MX375]	07.07-		114089	28	80		07.07-		115511 24 5.5 A49
		07.07-		114314	28	110		07.07-		114073 24 5.5
		07.07-		115495	28	80 A49				
DD 130 12.6	[XE355C]	09.04-		115491	28	100 A49		09.04-		113934 24 5.5
DD 138 12.6	[XE355C]	09.04-		115491	28	100 A49		09.04-		113934 24 5.5

**STARTERS & ALTERNATORS**

O.E.M. names and numbers are used for reference purposes only.



FHD 10 12.6	[XE250C]	09.01-	115491	28	100	A49	09.01-	113934	24	5.5
FHD 12 12.6	[XE250C]	09.01-	115491	28	100	A49	09.01-	113934	24	5.5
FHD 13 12.6	[XE250C]	09.01-	115491	28	100	A49	09.01-	113934	24	5.5
FLD 12 12.6	[XE250C]	09.01-	115491	28	100	A49	09.01-	113934	24	5.5
FLD 13 12.6	[XE250C]	09.01-	115491	28	100	A49	09.01-	113934	24	5.5
HD 120 12.6	[XE250C]	10.99-	115491	28	100	A49	10.99-	113934	24	5.5
HD 122 12.6	[XE250C]	10.99-	115491	28	100	A49	10.99-	113934	24	5.5
<b>BPM</b>										
<b>MARINE</b>										
Arctic 157		01.62- 12.87	110641	14		33				
Arctic 181		01.62- 12.87	110641	14		33				
Lonic 144		06.62- 12.88	110641	14		33				
Oceanic 235		01.63- 12.87	110641	14		33				
Oceanic 265 S		01.63- 07.92	110641	14		33				
V12 / 570		06.72- 07.92	110641	14		33				
V12 / 620 S		06.72- 07.92	110641	14		33				
Various Models								115423	12	3.0
Vulcano 375		06.68- 07.92	110641	14		33				
Vulcano 450		06.68- 07.92	110641	14		33				
<b>Briggs &amp; Stratton</b>										
<b>MOTORS</b>										
Various Models			115319	14		45		114520	12	
								112563	12	0.8
								110635	12	0.5
								112242	12	0.6
								110634	12	0.65
								113853	12	
								113539	12	
								114517	12	
								114519	12	1.0
<b>Buhrer</b>										
<b>AGRICULTURE</b>										
Various Models							01.71-	110439	12	2.0
							01.72- 01.73	110462	12	2.8
<b>Buick</b>										
<b>PASSENGER CARS EU</b>										
Century 5.7 Limited	[LF9]	01.77- 01.82	110234#	14		80				
		04.78- 12.79	110504	14		90				
		04.78- 12.79	112448	14		100				
		01.82- 01.83	110233	14		63				
		01.82- 01.83	110505	14		75				
		01.83- 01.86	110508	14		78				
		01.84- 01.86	110471	14		94				
		01.84- 01.86	110492	14		108				
		01.87- 01.92	110499	14		100/105				
		AC 01.82- 01.83	110235	14		80				
Lesabre 3.8	[L36]	01.99-	111220	14		105				
Park Avenue 3.8	[L27]	01.91-	111220	14		105				
		01.91- 10.96	112636	14		100/105				
Skylark 2.8	[LE2]	01.79- 12.82	110505	14		75	04.79- 12.82	110221	12	1.2
		04.79- 12.82	110504	14		90				
		01.80- 12.82	110235	14		80				
Skylark 3.3 V6	[LG7]	09.89- 01.91	110724	14		61/74				
Various Models							01.77- 01.80	110218	12	
							01.80-	110221	12	1.2
							01.64- 01.80	112897	12	1.7
							01.91- 12.00	112898	12	1.6
							[L4 2.5] 01.84- 06.84	112911	12	1.6
<b>PASSENGER CARS US</b>										
Apollo 4.1		01.73- 01.75	110505	14		75				
Apollo 4.1 SR		01.75-	110233	14		63				
		01.75- 01.75	110505	14		75				
Apollo 4.3		01.75-	110502	14		100/105				
		01.75-	110505	14		75				
Apollo 4.3 SR		01.75-	110505	14		75				
Apollo 5.7		01.73- 01.75	110502	14		100/105				
		01.73- 01.75	110233	14		63				
		01.73- 01.75	110505	14		75				
Apollo 5.7 SR		01.75-	110233	14		63				
		01.75-	110505	14		75				
		01.91- 01.93	112629	14		100/105				
Centurion 5.7		01.72- 01.73	110233	14		63				
		01.72- 01.73	110505	14		75				
Centurion 7.5		01.72- 01.73	110233	14		63				
		01.73- 01.73	110234#	14		80				
		01.72- 01.73	110505	14		75				
		01.71-	110075	14		60				
Century 2.2 Custom		01.93- 01.96	110500	14		100/105	01.93- 01.96	112911	12	1.6
Century 2.2 Limited		01.93-	110500	14		100/105	01.93-	112911	12	1.6
Century 2.2 Special		01.93- 01.96	110500	14		100/105	01.93- 01.96	112911	12	1.6
Century 2.5							01.84- 01.89	112911	12	1.6
		01.84- 01.89	112448	14		100	01.84- 01.89	110221	12	1.2
		01.84- 01.89	110505	14		75				
		01.84- 01.89	110471	14		94				
		01.84- 01.86	110492	14		108				
		01.87- 01.89	110499	14		100/105				



Application list

**BUICK** Continued

Century 2.5 Custom	01.83- 01.92	112448	14	100			
	01.82- 01.92	110505	14	75			
	01.82- 01.92	110235	14	80			
	01.83- 01.92	110471	14	94			
	01.84- 01.86	110492	14	108			
	01.87- 01.92	110499	14	100/105			
	01.83- 01.86	110508	14	78			
Century 2.5 Limited	01.83- 01.92	112448	14	100			
	01.82- 01.92	110235	14	80			
	01.83- 01.92	110471	14	94			
	01.82- 01.92	110505	14	75			
	01.84- 01.92	110492	14	108			
	01.87- 01.92	110499	14	100/105			
	01.83- 01.86	110508	14	78			
Century 2.5 Special					01.91- 01.92	110221	12 1.2
	01.91- 01.92	112448	14	100			
Century 2.8	01.91- 01.92	110499	14	100/105			
					01.85- 01.88	112911	12 1.6
	01.87- 01.88	112448	14	100			
	01.87- 01.88	111388	14	100/105			
	01.87- 01.88	110499	14	100/105			
	01.85-	110471	14	94			
	01.85-	110508	14	78			
	01.85- 01.86	110492	14	108			
Century 2.8 Custom					01.83- 01.89	112911	12 1.6
	01.87- 01.89	112448	14	100			
	01.87- 01.89	111388	14	100/105			
	01.87- 01.89	110499	14	100/105			
	01.83- 01.85	110508	14	78			
	01.83- 01.85	110471	14	94			
	01.84- 01.86	110492	14	108			
Century 2.8 Limited	01.83- 01.85	110505	14	75			
					01.83- 01.89	112911	12 1.6
	01.87- 01.89	112448	14	100			
	01.87- 01.89	111388	14	100/105			
	01.87- 01.89	110499	14	100/105			
	01.83- 01.85	110508	14	78			
	01.83- 01.85	110471	14	94			
Century 3.0	01.84- 01.85	110492	14	108			
	01.84- 01.85	110471	14	94			
	01.84- 01.85	110235	14	80			
	01.84- 01.85	110505	14	75			
					01.84- 01.85	110221	12 1.2
Century 3.0 Custom	01.83-	110502	14	100/105			
	01.82- 01.85	110235	14	80			
	01.84- 01.85	110492	14	108			
	01.82- 01.82	110505	14	75			
	01.83- 01.85	110508	14	78			
	01.84- 01.85	110471	14	94			
	01.82- 01.85	110235	14	80			
Century 3.0 Limited	01.84- 01.85	110492	14	108			
	01.82- 01.82	110505	14	75			
	01.83- 01.85	110508	14	78			
	01.84- 01.85	110471	14	94			
	01.82- 01.85	110235	14	80			
Century 3.0 T-Type	01.83- 01.84	110235	14	80			
	01.83- 01.84	110505	14	75			
	01.83- 01.84	110471	14	94			
	01.84- 01.84	110492	14	108			
	01.83- 01.84	110508	14	78			
Century 3.1 Custom					01.97- 01.00	112900	12 1.4
					01.94- 01.96	112911	12 1.6
Century 3.1 Limited					01.97- 01.00	112900	12 1.4
Century 3.1 Special					01.94- 01.96	112911	12 1.6
Century 3.2 Custom	01.78- 01.79	110505	14	75			
					01.78- 01.79	110221	12 1.2
Century 3.2 Limited	01.78- 01.79	110505	14	75			
Century 3.2 Special	01.78- 01.79	110505	14	75			
Century 3.2 Sport	01.78- 01.79	110505	14	75			
Century 3.3					01.89-	110221	12 1.2
Century 3.3 Custom					01.89- 01.93	110221	12 1.2
	01.89- 01.93	112448	14	100			
Century 3.3 Limited	01.91- 01.93	110499	14	100/105			
	01.89- 01.93	112448	14	100			
Century 3.3 Special	01.91- 01.93	110499	14	100/105			
	01.91- 01.93	112448	14	100			
	01.91- 01.93	110499	14	100/105			
Century 3.8					01.84- 01.88	110221	12 1.2
	01.86- 01.88	112448	14	100			
	01.84- 01.86	110492	14	108			
	01.87- 01.88	110499	14	100/105			
	01.86- 01.86	110508	14	78			
	01.84- 01.86	110471	14	94			
	01.75- 01.85	110505	14	75			
	01.80- 01.81	110235	14	80			
01.75- 01.81	110502	14	100/105				



Century 3.8 Custom	01.86- 01.88	112448	14	100	01.84- 01.88	110221	12	1.2
	01.84- 01.86	110492	14	108				
	01.87- 01.92	110499	14	100/105				
	01.84- 01.86	110471	14	94				
	01.75- 01.85	110505	14	75				
Century 3.8 Limited	01.86- 01.88	112448	14	100	01.84- 01.88	110221	12	1.2
	01.84- 01.86	110492	14	108				
	01.87- 01.88	110499	14	100/105				
	01.86- 01.86	110508	14	78				
	01.84- 01.86	110471	14	94				
Century 3.8 Special	01.75- 01.79	110505	14	75				
	01.78- 01.80	110505	14	75				
	01.84- 01.86	110492	14	108	01.84- 01.85	110221	12	1.2
	01.83- 01.86	110508	14	78				
	01.84- 01.86	110471	14	94				
Century 3.8 T-Type	01.84- 01.85	110505	14	75				
	01.80- 01.80	110505	14	75				
	01.79- 01.79	110505	14	75				
	01.79- 01.80	110505	14	75				
	01.80- 01.81	110505	14	75				
Century 3.8 Turbo Custom	01.80- 01.81	110505	14	75				
	01.80- 01.81	110505	14	75				
	01.79- 01.79	110505	14	75				
	01.79- 01.80	110505	14	75				
	01.79- 01.80	110505	14	75				
Century 3.8 Turbo Limited	01.79- 01.79	110505	14	75				
	01.79- 01.80	110505	14	75				
	01.79- 01.80	110505	14	75				
	01.79- 01.80	110505	14	75				
	01.79- 01.80	110505	14	75				
Century 3.8 Turbo Special	01.79- 01.80	110505	14	75				
	01.79- 01.80	110505	14	75				
	01.79- 01.80	110505	14	75				
	01.79- 01.80	110505	14	75				
	01.79- 01.80	110505	14	75				
Century 3.8 Turbo Sport	01.79- 01.80	110505	14	75				
	01.79- 01.80	110505	14	75				
	01.79- 01.80	110505	14	75				
	01.79- 01.80	110505	14	75				
	01.79- 01.80	110505	14	75				
Century 4.3	01.80- 01.81	110505	14	75				
	01.80- 01.81	110505	14	75				
	01.84- 01.85	110233	14	63				
	01.84- 01.85	110471	14	94				
	01.84- 01.85	110505	14	75				
Century 4.3 Custom	01.84- 01.85	110492	14	108				
	01.82- 01.85	110233	14	63				
	01.82- 01.85	110235	14	80				
	01.84- 01.85	110492	14	108				
	01.82- 01.85	110505	14	75				
Century 4.3 Limited	01.83- 01.85	110508	14	78				
	01.84- 01.85	110471	14	94				
	01.82- 01.85	110233	14	63				
	01.82- 01.85	110235	14	80				
	01.84- 01.85	110492	14	108				
Century 4.3 Special	01.82- 01.82	110505	14	75				
	01.84- 01.85	110508	14	78				
	01.84- 01.85	110471	14	94				
	01.81- 01.81	110505	14	75	01.81-	110414	12	
	01.81- 01.81	110235	14	80				
Century 4.4	01.81- 01.81	110505	14	75	01.81-	110414	12	
	01.81- 01.81	110505	14	75	01.81-	110414	12	
	01.81- 01.81	110235	14	80				
	01.81- 01.81	110235	14	80				
	01.81- 01.81	110235	14	80				
Century 4.4 Limited	01.80- 01.80	110235	14	80				
	01.80- 01.80	110505	14	75				
	01.80- 01.80	110505	14	75				
	01.79- 01.79	110505	14	75	01.79- 01.79	110414	12	
	01.79- 01.80	110505	14	75	01.79- 01.80	110414	12	
Century 4.9	01.79- 01.80	110505	14	75				
	01.79- 01.80	110505	14	75				
	01.79- 01.80	110505	14	75				
	01.79- 01.80	110505	14	75				
	01.79- 01.80	110505	14	75				
Century 4.9 Custom	01.79- 01.80	110505	14	75	01.79- 01.80	110414	12	
	01.79- 01.80	110505	14	75	01.79- 01.80	110414	12	
	01.79- 01.80	110505	14	75				
	01.79- 01.80	110505	14	75				
	01.79- 01.80	110505	14	75				
Century 4.9 Limited	01.79- 01.80	110505	14	75				
	01.79- 01.80	110505	14	75				
	01.79- 01.80	110505	14	75				
	01.79- 01.80	110505	14	75				
	01.79- 01.80	110505	14	75				
Century 4.9 Special	01.79- 01.80	110505	14	75				
	01.79- 01.80	110505	14	75				
	01.79- 01.80	110505	14	75				
	01.79- 01.80	110505	14	75				
	01.79- 01.80	110505	14	75				
Century 4.9 Sport	01.79- 01.80	110505	14	75				
	01.79- 01.80	110505	14	75				
	01.79- 01.80	110505	14	75				
	01.79- 01.80	110505	14	75				
	01.79- 01.80	110505	14	75				
Century 5.0	01.80- 01.80	110235	14	80	01.80- 01.80	110414	12	
	01.77- 01.77	110505	14	75	01.77-	110216	12	1.4
	01.91- 01.93	112629	14	100/105				
	01.77- 01.78	110234#	14	80				
	01.77- 01.79	110505	14	75	01.78- 01.79	110414	12	
Century 5.0 Custom	01.77- 01.78	110234#	14	80	01.77- 01.78	110216	12	1.4
	01.78- 01.80	110505	14	75	01.78- 01.80	110414	12	
	01.91- 01.93	112629	14	100/105				
	01.77- 01.79	110234#	14	80				
	01.75- 01.79	110505	14	75	01.77- 01.79	110216	12	1.4
Century 5.0 Limited	01.91- 01.93	112629	14	100/105				
	01.78- 01.79	110505	14	75	01.78- 01.79	110414	12	
	01.91- 01.93	112629	14	100/105				
	01.78- 01.79	110505	14	75				
	01.91- 01.93	112629	14	100/105				
Century 5.0 Special	01.78- 01.79	110505	14	75	01.78- 01.79	110414	12	
	01.91- 01.93	112629	14	100/105				
	01.78- 01.79	110505	14	75	01.78-	110414	12	
	01.91- 01.93	112629	14	100/105				
	01.77- 01.77	110234#	14	80				
Century 5.0 Sport	01.73- 01.77	110505	14	75	01.77-	110216	12	1.4
	01.91- 01.93	112629	14	100/105				
	01.77- 01.79	110234#	14	80				
	01.75- 01.79	110505	14	75				
	01.91- 01.93	112629	14	100/105				
Century 5.7	01.73- 01.74	110233	14	63				
	01.73- 01.74	110505	14	75				
	01.77- 01.79	110234#	14	80				
	01.75- 01.79	110505	14	75	01.77- 01.79	110216	12	1.4
	01.91- 01.93	112629	14	100/105				
Century 5.7 Custom	01.73- 01.74	110233	14	63				
	01.73- 01.74	110505	14	75				
	01.79- 01.79	110505	14	75	01.79-	110216	12	1.4
	01.91- 01.93	112629	14	100/105				
	01.79- 01.79	110234#	14	80				
Century 5.7 Luxus	01.81- 01.81	110235	14	80				
	01.81- 01.81	110505	14	75				
	01.91- 01.93	112629	14	100/105				
	01.81- 01.81	110235	14	80				
	01.81- 01.81	110505	14	75				
Century 5.7 Special	01.91- 01.93	112629	14	100/105				
	01.81- 01.81	110235	14	80				
	01.81- 01.81	110505	14	75				
	01.91- 01.93	112629	14	100/105				
	01.77- 01.77	110505	14	75	01.77-	110218	12	
Century 5.7 Limited	01.77- 01.79	110234#	14	80				
	01.73- 01.73	110234#	14	80				
	01.73- 01.73	110233	14	63				
	01.73- 01.73	110505	14	75				
	01.73- 01.73	110234#	14	80				
Century 6.6 Custom	01.73- 01.73	110233	14	63				
	01.73- 01.73	110505	14	75				
	01.73- 01.73	110234#	14	80				
	01.73- 01.73	110505	14	75				
	01.73- 01.73	110233	14	63				
Century 7.5	01.73- 01.73	110234#	14	80				
	01.73- 01.73	110505	14	75				
	01.73- 01.73	110234#	14	80				
	01.73- 01.73	110505	14	75				
	01.73- 01.73	110233	14	63				
Century 7.5 Luxus	01.73- 01.73	110505	14	75				
	01.73- 01.73	110234#	14	80				
	01.73- 01.73	110505	14	75				
	01.73- 01.73	110233	14	63				
	01.73- 01.73	110505	14	75				



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Electra 3.0 300	01.85-	110492	14	108	01.85-	110221	12	1.2
	01.85-	110235	14	80				
	01.85-	110508	14	78				
Electra 3.8	01.86-	110235	14	80	01.86-	110221	12	1.2
	01.86-	110492	14	108				
	01.86-	110508	14	78				
Electra 3.8 300	01.85-	110492	14	108	01.85-	110221	12	1.2
	01.83- 01.87	110508	14	78				
Electra 3.8 Limited	01.88- 01.90	112636	14	100/105	01.87- 01.90	110221	12	1.2
	01.88- 01.90	111220	14	105				
	01.87- 01.90	110492	14	108				
	01.87- 01.87	110508	14	78				
Electra 3.8 Park Avenue	01.88- 01.90	112636	14	100/105	01.85- 01.90	110221	12	1.2
	01.88- 01.90	111220	14	105				
	01.85- 01.90	110492	14	108				
	01.85- 01.87	110508	14	78				
	01.86-	110235	14	80				
Electra 3.8 Park Avenue Ultra	01.90-	112636	14	100/105	01.90-	110221	12	1.2
	01.90-	111220	14	105				
	01.90-	110492	14	108				
Electra 3.8 T-Type	01.88- 01.90	112636	14	100/105	01.85- 01.90	110221	12	1.2
	01.88- 01.90	111220	14	105				
	01.85- 01.90	110492	14	108				
	01.85-	110508	14	78				
	01.86-	110235	14	80				
Electra 3.8 Ultra	01.89-	112636	14	100/105	01.89-	110221	12	1.2
	01.89-	111220	14	105				
	01.89-	110492	14	108				
Electra 4.1 Limited	01.80- 01.84	110235	14	80				
	01.80- 01.84	110505	14	75				
Electra 4.1 Park Avenue	01.80- 01.84	110505	14	75				
	01.80- 01.84	110235	14	80				
Electra 4.3 300	01.85-	110492	14	108				
	01.85-	110471	14	94				
	01.85-	110505	14	75				
	01.85-	110508	14	78				
Electra 4.3 Park Avenue	01.85-	110471	14	94				
	01.85-	110505	14	75				
	01.85-	110492	14	108				
	01.85-	110508	14	78				
Electra 4.9	01.80-	110505	14	75				
	01.80-	110235	14	80				
Electra 5.0	01.84- 01.89	110471	14	94				
	01.84- 01.89	110508	14	78				
	01.84- 01.89	110492	14	108				
	01.81- 01.83	110505	14	75				
	01.75- 01.83	110235	14	80				
Electra 5.0 Limited	01.84-	110471	14	94				
	01.84-	110508	14	78				
	01.91- 01.93	112629	14	100/105				
	01.81- 01.83	110235	14	80				
Electra 5.0 Park Avenue	01.81- 01.83	110505	14	75				
	01.84-	110508	14	78				
	01.84-	110471	14	94				
	01.91- 01.93	112629	14	100/105				
	01.81- 01.83	110235	14	80				
Electra 5.7	01.81- 01.83	110505	14	75				
	01.80-	110505	14	75				
	01.80-	110234#	14	80	01.80-	110218	12	
	01.91- 01.93	112629	14	100/105				
Electra 5.7 225	01.80-	110235	14	80				
	01.76- 01.79	110233	14	63				
	01.77- 01.79	110234#	14	80				
	01.76- 01.79	110505	14	75				
Electra 5.7 225 Limited	01.91- 01.93	112629	14	100/105				
	01.77-	110505	14	75				
	01.77-	110234#	14	80				
	01.91- 01.93	112629	14	100/105				
Electra 5.7 Limited	01.77-	110233	14	63				
	01.78- 01.80	110233	14	63				
	01.78- 01.80	110234#	14	80	01.78- 01.80	110218	12	
Electra 5.7 Park Avenue	01.78- 01.80	110505	14	75				
	01.91- 01.93	112629	14	100/105				
	01.78- 01.80	110505	14	75	01.78- 01.80	110218	12	
	01.81-	110235	14	80				
	01.78- 01.80	110233	14	63				
Electra 5.7	01.78- 01.80	110234#	14	80				
	01.84- 01.85	110508	14	78				
	01.84- 01.85	110471	14	94				
	01.80- 01.83	110505	14	75				
Electra 5.7 Limited	01.80- 01.83	110235	14	80				
	01.80- 01.83	110235	14	80				
	01.80- 01.83	110505	14	75				
Electra 5.7 Park Avenue	01.80- 01.82	110505	14	75				
	01.83-	110471	14	94				
	01.80- 01.82	110235	14	80				
	01.91- 01.93	112629	14	100/105				
Electra 6.6	01.83-	110508	14	78				
	01.62- 01.66	110075	14	60				



Electra 6.6 225	01.77- 01.79	110505	14	75	01.77- 01.79	110218	12
	01.77- 01.79	110234#	14	80			
Electra 6.6 225 Limited	01.77-	110234#	14	80	01.77-	110218	12
	01.77-	110505	14	75			
Electra 6.6 Limited	01.78- 01.79	110234#	14	80	01.78- 01.79	110218	12
	01.78- 01.79	110505	14	75			
Electra 6.6 Park Avenue	01.78- 01.79	110234#	14	80	01.78- 01.79	110218	12
	01.78- 01.79	110505	14	75			
Electra 7.0	01.65- 01.67	110075	14	60			
Electra 7.0 225	01.68- 01.69	110075	14	60			
Electra 7.0 225 Custom	01.68- 01.69	110075	14	60			
Electra 7.5	01.73- 01.73	110505	14	75			
	01.73- 01.73	110234#	14	80			
Electra 7.5 225	01.73- 01.73	110233	14	63			
	01.72- 01.74	110233	14	63			
	01.72- 01.74	110505	14	75			
	01.74-	110234#	14	80			
Electra 7.5 225 Custom	01.70- 01.71	110075	14	60			
	01.72- 01.75	110505	14	75			
	01.74-	110234#	14	80			
	01.72- 01.75	110233	14	63			
Electra 7.5 225 Limited	01.70- 01.71	110075	14	60			
	01.74- 01.75	110505	14	75			
	01.74- 01.75	110234#	14	80			
	01.74- 01.75	110233	14	63			
Electra 7.5 Limited	01.76-	110234#	14	80			
	01.76-	110505	14	75			
Estate Wagon 5.7	01.72- 01.79	110233	14	63			
	01.72- 01.79	110505	14	75			
	01.77- 01.79	110234#	14	80			
	01.91- 01.93	112629	14	100/105			
Estate Wagon 6.6	01.70-	110075	14	60			
	01.77- 01.79	110505	14	75	01.77- 01.79	110218	12
Estate Wagon 7.5	01.77- 01.79	110234#	14	80			
	01.72- 01.75	110233	14	63			
	01.72- 01.75	110505	14	75			
	01.74-	110234#	14	80			
Gran Fury 5.6	01.70- 01.71	110075	14	60			
	01.67- 01.67	110075	14	60			
Gran Fury 6.6	01.65- 01.67	110075	14	60			
GS 5.7	01.72- 01.72	110233	14	63			
	01.72- 01.72	110505	14	75			
GS 350 5.7	01.70- 01.71	110075	14	60			
GS 400 6.6	01.68- 01.69	110075	14	60			
GS 455 7.5	01.68- 01.69	110075	14	60			
Invicta 6.6	01.70- 01.72	110075	14	60			
Lesabre 3.0 Custom	01.62- 01.63	110075	14	60			
Lesabre 3.0 Limited	01.86- 01.86	110492	14	108	01.86-	110221	12 1.2
Lesabre 3.8	01.86- 01.86	110492	14	108	01.86-	110221	12 1.2
	01.88- 01.91	112636	14	100/105			
	01.88- 01.91	111220	14	105	01.87- 01.91	110221	12 1.2
	01.87- 01.88	110492	14	108			
	01.87- 01.87	110508	14	78			
	01.76- 01.81	110505	14	75			
Lesabre 3.8 Custom	01.76- 01.79	110234#	14	80			
	01.80- 01.81	110235	14	80			
	01.86- 01.88	110492	14	108			
	01.82- 01.87	110508	14	78	01.86- 01.95	110221	12 1.2
	01.88- 01.95	112636	14	100/105	01.96- 01.98	112898	12 1.6
	01.88- 01.95	111220	14	105			
Lesabre 3.8 Limited	01.77- 01.85	110505	14	75			
	01.77- 01.78	110234#	14	80			
	01.82- 01.85	110235	14	80			
	01.85- 01.88	110492	14	108	01.86- 01.95	110221	12 1.2
	01.83- 01.87	110508	14	78	01.96- 01.98	112898	12 1.6
	01.88- 01.95	112636	14	100/105			
Lesabre 3.8 Turbo Sport	01.88- 01.95	111220	14	105			
	01.79- 01.85	110505	14	75			
	01.79- 01.79	110234#	14	80			
	01.80- 01.82	110235	14	80			
Lesabre 4.1	01.78- 01.80	110505	14	75			
	01.78- 01.79	110234#	14	80			
	01.80- 01.80	110235	14	80			
Lesabre 4.1 Custom	01.80- 01.81	110505	14	75			
	01.80- 01.81	110235	14	80			
Lesabre 4.1 Limited	01.82- 01.84	110505	14	75			
	01.82- 01.84	110235	14	80			
	01.83- 01.84	110508	14	78			
Lesabre 4.4 Custom	01.80- 01.84	110505	14	75			
	01.80- 01.84	110235	14	80			
	01.83- 01.84	110508	14	78			
Lesabre 4.4 Limited	01.82- 01.82	110235	14	80	01.82- 01.82	110414	12
	01.82- 01.82	110505	14	75			
Lesabre 4.9	01.82- 01.82	110235	14	80	01.82- 01.82	110414	12
	01.82- 01.82	110505	14	75			

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O.E.M. names and numbers are used for reference purposes only.





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Lesabre 4.9 Custom	01.77- 01.78	110505	14 75			
	01.77- 01.78	110234#	14 80			
Lesabre 4.9 Limited	01.79-	110505	14 75			
	01.80-	110235	14 80			
	01.79- 01.79	110234#	14 80			
Lesabre 5.0	01.83- 01.90	110508	14 78	01.78-	110216	12 1.4
	01.85- 01.90	110471	14 94			
	01.85- 01.90	110492	14 108			
	01.81- 01.83	110235	14 80			
	01.78- 01.83	110505	14 75			
	01.91- 01.93	112629	14 100/105			
	01.78- 01.78	110234#	14 80			
Lesabre 5.0 Custom	01.84- 01.85	110471	14 94	01.78-	110216	12 1.4
	01.83- 01.85	110508	14 78			
	01.85- 01.85	110492	14 108			
	01.82- 01.83	110235	14 80			
	01.78- 01.83	110505	14 75			
	01.78- 01.78	110234#	14 80			
	01.91- 01.93	112629	14 100/105			
Lesabre 5.0 Limited	01.84- 01.85	110471	14 94			
	01.83- 01.85	110508	14 78			
	01.85- 01.85	110492	14 108			
	01.81- 01.83	110505	14 75			
	01.81- 01.83	110235	14 80			
Lesabre 5.6	01.66- 01.67	110075	14 60			
Lesabre 5.7	01.72- 01.80	110505	14 75			
	01.77- 01.80	110234#	14 80	01.80-	110218	12
	01.80- 01.80	110235	14 80			
	01.91- 01.93	112629	14 100/105			
	01.72- 01.80	110233	14 63			
Lesabre 5.7 Custom	01.68- 01.71	110075	14 60			
	01.72- 01.78	110505	14 75			
	01.72- 01.78	110234#	14 80			
	01.91- 01.93	112629	14 100/105			
Lesabre 5.7 Limited	01.72- 01.77	110233	14 63			
	01.68- 01.71	110075	14 60			
	01.79- 01.80	110234#	14 80			
	01.79- 01.80	110233	14 63	01.79- 01.80	110218	12
Lesabre 5.7 Luxus	01.80- 01.80	110235	14 80			
	01.79- 01.80	110505	14 75			
	01.74-	110505	14 75			
	01.74-	110234#	14 80			
Lesabre 5.7	01.74-	110233	14 63			
	01.91- 01.93	112629	14 100/105			
	01.85-	110471	14 94			
	01.85- 01.85	110492	14 108			
	01.91- 01.93	112629	14 100/105			
	01.80- 01.83	110505	14 75			
Lesabre 5.7 Custom	01.80- 01.83	110235	14 80			
	01.83- 01.83	110508	14 78			
	01.83- 01.85	110508	14 78			
	01.84- 01.85	110471	14 94			
	01.85- 01.85	110492	14 108			
Lesabre 5.7 Limited	01.80- 01.83	110505	14 75			
	01.80- 01.83	110235	14 80			
	01.77- 01.78	110505	14 75			
	01.77- 01.78	110234#	14 80			
Lesabre 6.6	01.60- 01.64	110075	14 60	01.77- 01.78	110218	12
	01.77- 01.78	110505	14 75			
	01.77- 01.78	110234#	14 80			
Lesabre 6.6 Custom	01.75-	110075	14 60	01.75- 01.78	110218	12
	01.75-	110233	14 63			
	01.77- 01.78	110505	14 75			
	01.77- 01.78	110234#	14 80			
Lesabre 7.0	01.64- 01.64	110075	14 60			
Lesabre 7.5	01.72- 01.75	110233	14 63			
	01.72- 01.75	110505	14 75			
	01.73- 01.74	110234#	14 80			
	01.70- 01.71	110075	14 60			
Lesabre 7.5 Custom	01.76- 01.76	110234#	14 80			
	01.72- 01.75	110233	14 63			
	01.72- 01.75	110505	14 75			
	01.70- 01.71	110075	14 60			
Lesabre 7.5 Luxus	01.74-	110233	14 63			
	01.74-	110505	14 75			
	01.74-	110234#	14 80			
Opel 1.8	01.77- 01.79	110248	14 40			
Opel 1.8 Deluxe	01.77-	110248	14 40			
Opel 1.8 Sport	01.78-	110248	14 40			
Park Avenue 3.8	01.91- 01.94	112636	14 100/105	01.96-	112898	12 1.6
	01.91- 01.94	111220	14 105	01.91- 01.94	110221	12 1.2
Park Avenue 3.8 Ultra	01.91-	112636	14 100/105	01.91-	110221	12 1.2
	01.91-	111220	14 105			
Park Avenue 3.8 Super				01.99- 01.00	112898	12 1.6
Park Avenue 3.8 Super Ultra	01.91- 01.91	112636	14 100/105	01.91- 01.03	112898	12 1.6
	01.91- 01.91	111220	14 105			



Raider 4.2						01.04- 01.04	112905	12	1.6
Raider 5.3		01.04- 01.04	112853	14	130	01.04- 01.04	112902	12	1.2
Reatta 3.8		01.80- 01.83	110235	14	80	01.91-	110221	12	1.2
		01.84- 01.86	110471	14	94				
		01.83- 01.85	110508	14	78				
Regal 2.8 Custom					01.88- 01.89	112911	12	1.6	
Regal 2.8 Limited					01.88- 01.89	112911	12	1.6	
Regal 3.1 Custom					01.89- 01.96	112911	12	1.6	
Regal 3.1 Limited					01.89- 01.93	112911	12	1.6	
Regal 3.2		01.78- 01.79	110505	14	75				
Regal 3.2 Limited		01.78- 01.79	110505	14	75				
Regal 3.8		01.75- 01.87	110505	14	75				
		01.81- 01.83	110235	14	80				
		01.83- 01.87	110508	14	78				
		01.84- 01.87	110471	14	94				
Regal 3.8 Custom		01.96-	112615	14	105	01.96-	112898	12	1.6
		01.90- 01.95	112636	14	100/105	01.90- 01.95	110221	12	1.2
		01.90- 01.95	111220	14	105				
Regal 3.8 Gran Sport		01.96-	112615	14	105	01.96-	112898	12	1.6
		01.92- 01.95	112636	14	100/105	01.92- 01.95	110221	12	1.2
		01.92- 01.95	111220	14	105				
Regal 3.8 Limited		01.90- 01.95	112636	14	100/105	01.96-	112898	12	1.6
		01.90- 01.95	111220	14	105				
		01.96-	112615	14	105	01.90- 01.95	110221	12	1.2
		01.78- 01.87	110505	14	75				
Regal 3.8 LS					01.97-	112898	12	1.6	
Regal 3.8 Super					01.99- 01.00	112898	12	1.6	
Regal 3.8 Super GS					01.97- 01.03	112898	12	1.6	
Regal 3.8 Turbo Grand National		01.84- 01.85	110471	14	94				
		01.84- 01.85	110508	14	78				
Regal 3.8 Turbo Limited		01.87- 01.87	110235	14	80				
		01.87- 01.87	110508	14	78				
		01.87- 01.87	110471	14	94				
		01.78- 01.82	110505	14	75				
Regal 3.8 Turbo Sport		01.78- 01.82	110505	14	75				
Regal 3.8 Turbo T-Type		01.83- 01.85	110471	14	94				
		01.83-	110235	14	80				
		01.83- 01.83	110505	14	75				
		01.83- 01.83	110508	14	78				
Regal 4.1		01.82- 01.84	110235	14	80				
		01.82- 01.84	110505	14	75				
		01.83- 01.84	110508	14	78				
Regal 4.1 Limited		01.82- 01.84	110505	14	75				
		01.82- 01.84	110235	14	80				
		01.82- 01.83	110502	14	100/105				
		01.82- 01.84	110508	14	78				
		01.84- 01.84	110471	14	94				
Regal 4.3		01.80- 01.81	110235	14	80				
	01.80- 01.81	110505	14	75					
Regal 4.3 Limited		01.80- 01.81	110235	14	80				
	01.80- 01.81	110505	14	75					
Regal 4.3		01.84-	110471	14	94				
		01.84- 01.84	110508	14	78				
		01.82- 01.83	110235	14	80				
		01.82- 01.83	110505	14	75				
Regal 4.3 Limited		01.83- 01.83	110471	14	94				
		01.82- 01.84	110235	14	80				
		01.83- 01.84	110508	14	78				
Regal 4.4		01.81- 01.82	110505	14	75	01.82- 01.82	110414	12	
		01.81- 01.82	110235	14	80				
		01.82- 01.82	110502	14	100/105				
		01.82- 01.82	110508	14	78				
Regal 4.4 Limited		01.81- 01.82	110235	14	80	01.82- 01.82	110414	12	
		01.81- 01.82	110505	14	75				
		01.82- 01.82	110502	14	100/105				
		01.82- 01.82	110508	14	78				
Regal 4.9		01.79- 01.80	110505	14	75				
Regal 4.9 Limited		01.79- 01.80	110505	14	75				
Regal 5.0		01.77- 01.83	110505	14	75	01.78- 01.83	110414	12	
		01.91- 01.93	112629	14	100/105	01.77- 01.78	110216	12	1.4
		01.83- 01.87	110508	14	78				
		01.83- 01.87	110471	14	94				
		01.80- 01.83	110235	14	80				
Regal 5.0 Limited		01.82- 01.83	110502	14	100/105				
		01.91- 01.93	112629	14	100/105	01.78- 01.80	110414	12	
		01.83- 01.87	110508	14	78				
		01.83- 01.87	110471	14	94				
		01.78- 01.80	110505	14	75				
Regal 5.7		01.83-	110235	14	80				
		01.83- 01.83	110502	14	100/105				
		01.73- 01.76	110505	14	75				
		01.73- 01.76	110234#	14	80	01.77-	110216	12	1.4
Regal 5.7		01.91- 01.93	112629	14	100/105				
		01.73- 01.76	110233	14	63				
		01.91- 01.93	112629	14	100/105				
Regal 5.7		01.83- 01.87	110508	14	78				
		01.84- 01.87	110471	14	94				
		01.81- 01.83	110235	14	80				
		01.81- 01.83	110505	14	75				

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O.E.M. names and numbers are used for reference purposes only.



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Regal 5.7 Limited	01.81- 01.83	110235	14	80			
	01.81- 01.83	110505	14	75			
	01.83- 01.83	110508	14	78			
	01.83- 01.83	110471	14	94			
Regal 7.5	01.73- 01.74	110233	14	63			
	01.73- 01.74	110505	14	75			
Riviera 3.8	01.86- 01.86	110471	14	94			
					01.95- 01.97	112898	12 1.6
Riviera 3.8 T-Type					01.88- 01.93	110221	12 1.2
Riviera 3.8 Super					01.95- 01.99	112898	12 1.6
Riviera 3.8 Turbo	01.80-	110235	14	80			
	01.80-	110505	14	75			
	01.84- 01.85	110471	14	94			
Riviera 3.8 Turbo S	01.79- 01.80	110505	14	75			
Riviera 3.8 Turbo T-Type	01.84- 01.85	110471	14	94			
	01.81- 01.82	110235	14	80			
	01.83- 01.83	110508	14	78			
Riviera 4.1	01.81- 01.84	110235	14	80			
Riviera 4.1 T-Type	01.81-	110235	14	80			
Riviera 5.0	01.80- 01.85	110235	14	80			
	01.83- 01.85	110508	14	78			
Riviera 5.0 S	01.80-	110235	14	80			
	01.91- 01.93	112629	14	100/105			
Riviera 5.0 T-Type	01.81-	110235	14	80			
	01.91- 01.93	112629	14	100/105			
Riviera 5.7	01.77-	110233	14	63			
	01.77- 01.80	110234#	14	80			
	01.77- 01.80	110505	14	75			
	01.91- 01.93	112629	14	100/105			
Riviera 5.7 S	01.79- 01.80	110505	14	75			
	01.79- 01.80	110234#	14	80			
Riviera 5.7	01.83- 01.85	110508	14	78			
	01.81- 01.85	110235	14	80			
Riviera 6.6	01.77- 01.78	110505	14	75	01.77- 01.78	110218	12
	01.77- 01.78	110234#	14	80			
	01.63- 01.65	110075	14	60			
Riviera 7.0	01.63- 01.69	110075	14	60			
Riviera 7.5	01.70- 01.74	110234#	14	80			
	01.70- 01.74	110233	14	63			
	01.70- 01.74	110505	14	75			
Roadmaster 5.0	01.91-	112640	14	100/105			
	01.91- 01.92	110500	14	100/105			
	01.91- 01.93	112629	14	100/105			
Roadmaster 5.7	01.94- 01.96	112884	14	140	01.94- 12.95	112897	12 1.7
	01.92- 01.93	112640	14	100/105			
	01.92- 01.93	110500	14	100/105	01.92- 01.93	110216	12 1.4
	01.91- 01.93	112629	14	100/105			
	01.92- 01.93	110500	14	100/105			
Roadmaster 5.7 Limited	01.94- 01.96	112884	14	140	01.95-	112897	12 1.7
	01.91- 01.93	112629	14	100/105			
	01.92- 01.93	112640	14	100/105	01.92- 01.93	110216	12 1.4
Skyhawk 1.8 Custom	01.82- 01.86	110235	14	80			
	01.83- 01.86	110508	14	78			
	01.83- 01.86	110471	14	94			
	01.82- 01.82	110505	14	75			
Skyhawk 1.8 Limited	01.82- 01.86	110235	14	80			
	01.83- 01.86	110508	14	78			
	01.83- 01.86	110471	14	94			
Skyhawk 1.8 Sport	01.82- 01.82	110505	14	75			
	01.86-	110471	14	94			
Skyhawk 1.8 T-Type	01.86-	110508	14	78			
	01.83- 01.86	110508	14	78			
Skyhawk 1.8 Turbo Custom	01.83- 01.86	110471	14	94			
	01.83- 01.86	110235	14	80			
Skyhawk 1.8 Turbo T-Type	01.84-	110471	14	94			
	01.84-	110508	14	78			
Skyhawk 2.0	01.84- 01.86	110508	14	78			
	01.84- 01.86	110471	14	94			
Skyhawk 2.0 Custom	01.88- 01.89	110724	14	61/74	01.89- 12.89	112911	12 1.6
	01.88- 01.89	110503	14	100/105			
Skyhawk 2.0 Limited	01.87- 01.87	110503	14	100/105	01.84- 12.84	112911	12 1.6
	01.83- 01.86	110505	14	75			
	01.83- 01.86	110492	14	108			
Skyhawk 2.0 Sport	01.87- 01.87	110503	14	100/105	01.84- 12.84	112911	12 1.6
	01.83- 01.86	110505	14	75			
Skyhawk 2.0 Turbo Custom	01.87- 01.87	110503	14	100/105			
	01.87- 01.87	110492	14	108			
Skyhawk 2.0 Turbo Limited	01.87- 01.87	110503	14	100/105			
Skyhawk 2.0 Turbo Sport	01.87- 01.87	110503	14	100/105			
Skyhawk 3.8	01.75- 01.80	110505	14	75			
Skyhawk 3.8 S	01.76- 01.80	110505	14	75			
Skylark 2.3	01.91-	112448	14	100			
	01.91- 01.92	110499	14	100/105			
Skylark 2.3 Custom	01.88- 01.95	112448	14	100			
	01.88- 01.95	110499	14	100/105			
Skylark 2.3 Gran Sport	01.90- 01.95	112448	14	100			
	01.90- 01.95	110499	14	100/105			



Skylark 2.3 Limited	01.88- 01.95	112448	14	100					
	01.88- 01.95	110499	14	100/105					
Skylark 2.3 Luxury Edition	01.90- 01.91	112448	14	100					
	01.90- 01.91	110499	14	100/105					
Skylark 2.5	01.90- 01.91	110984	14	100/105	01.80- 01.82	110221	12	1.2	
	01.80- 01.81	110505	14	75					
	01.80- 01.81	110235	14	80					
	01.80- 01.82	110502	14	100/105					
	01.82- 01.82	110508	14	78					
Skylark 2.5 Custom	01.85- 01.87	110492	14	108	01.83- 01.85	110221	12	1.2	
	01.88- 01.91	110984	14	100/105					
	01.83- 01.85	110505	14	75					
	01.83- 01.85	110235	14	80					
	01.83- 01.85	110471	14	94					
	01.83- 01.85	110502	14	100/105					
	01.83- 01.85	110508	14	78					
Skylark 2.5 Gran Sport	01.90- 01.91	110984	14	100/105					
Skylark 2.5 Limited	01.86- 01.87	110492	14	108	01.80- 01.85	110221	12	1.2	
	01.88- 01.89	110984	14	100/105					
	01.80- 01.85	110235	14	80					
	01.80- 01.85	110502	14	100/105					
	01.80- 01.85	110505	14	75					
	01.82- 01.85	110508	14	78					
	01.83- 01.83	110471	14	94					
	AC 01.82- 01.85	110471	14	94					
Skylark 2.5 Luxury Edition	01.90- 01.91	110984	14	100/105					
Skylark 2.5 Sport	01.80- 01.81	110505	14	75	01.80- 01.82	110221	12	1.2	
	01.80- 01.81	110235	14	80					
	01.80- 01.82	110502	14	100/105					
	01.82- 01.82	110508	14	78					
Skylark 2.8	01.80- 01.82	110505	14	75	01.80- 01.82	110221	12	1.2	
	01.80- 01.82	110235	14	80					
Skylark 2.8 Custom	01.83- 01.85	110471	14	94	01.83- 01.85	112911	12	1.6	
	01.83- 01.85	110508	14	78	01.83- 01.85	110221	12	1.2	
	01.83- 01.85	110235	14	80					
	01.83- 01.85	110505	14	75					
Skylark 2.8 Limited	01.85- 01.85	110471	14	94	01.85- 01.85	112911	12	1.6	
	01.85- 01.85	110508	14	78	01.80- 01.85	110221	12	1.2	
	01.80- 01.85	110505	14	75					
	01.80- 01.85	110235	14	80					
	AC 01.83- 01.84	110508	14	78					
	AC 01.82- 01.85	110471	14	94					
Skylark 2.8 Sport	01.80- 01.82	110505	14	75	01.80- 01.82	110221	12	1.2	
	01.80- 01.82	110235	14	80					
Skylark 2.8 T-Type	01.83- 01.84	110508	14	78	01.83- 01.84	112911	12	1.6	
	01.83- 01.84	110471	14	94	01.83- 01.84	110221	12	1.2	
	01.83- 01.84	110505	14	75					
	01.83- 01.84	110235	14	80					
Skylark 3.0 Custom	01.86- 01.88	110502	14	100/105	01.86- 01.88	110221	12	1.2	
Skylark 3.0 Limited	01.86- 01.88	110502	14	100/105	01.86- 01.88	110221	12	1.2	
Skylark 3.1					01.98- 01.98	112911	12	1.6	
Skylark 3.1 Custom					01.94- 01.97	112911	12	1.6	
Skylark 3.1 Gran Sport					01.94- 01.97	112911	12	1.6	
Skylark 3.1 Limited					01.94- 01.97	112911	12	1.6	
Skylark 3.2	01.62- 01.63	110075	14	60					
Skylark 3.3	01.91- 01.91	110724	14	61/74	01.91- 01.92	110221	12	1.2	
Skylark 3.3 Custom	01.89- 01.89	110724	14	61/74	01.89- 01.93	110221	12	1.2	
Skylark 3.3 Gran Sport					01.90- 01.93	110221	12	1.2	
Skylark 3.3 Limited	01.89- 01.91	110724	14	61/74	01.89- 01.93	110221	12	1.2	
Skylark 3.3 Luxury Edition	01.90- 01.91	110724	14	61/74	01.90- 01.91	110221	12	1.2	
Skylark 3.5	01.61- 01.63	110075	14	60					
Skylark 3.7	01.64- 01.67	110075	14	60					
Skylark 3.8	01.75- 01.79	110505	14	75					
	01.78- 01.79	110502	14	100/105					
	01.78- 01.79	110508	14	78					
Skylark 3.8 Custom	01.78- 01.79	110505	14	75					
	01.78- 01.79	110502	14	100/105					
	01.78- 01.79	110508	14	78					
Skylark 3.8 S	01.75- 01.79	110505	14	75					
	01.78- 01.79	110502	14	100/105					
	01.78- 01.79	110508	14	78					
Skylark 3.8 SR	01.75- 01.77	110505	14	75					
	01.75- 01.77	110502	14	100/105					
	01.75- 01.77	110508	14	78					
Skylark 4.1	01.66- 01.71	110075	14	60					
Skylark 4.3	01.75- 01.76	110505	14	75					
	01.75- 01.76	110502	14	100/105					
	01.75- 01.76	110508	14	78					
Skylark 4.3 S	01.76- 01.76	110505	14	75					
	01.76- 01.76	110502	14	100/105					
	01.76- 01.76	110508	14	78					
Skylark 4.3 SR	01.75- 01.76	110505	14	75					
	01.75- 01.76	110502	14	100/105					
	01.75- 01.76	110508	14	78					
Skylark 4.9	01.64- 01.67	110075	14	60					
	01.77- 01.77	110505	14	75					
	01.77- 01.77	110508	14	78					
Skylark 4.9 S	01.77- 01.77	110505	14	75					

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**BUICK** Continued

Skylark 4.9 SR	01.77-	110505	14 75			
	01.77- 01.77	110508	14 78			
Skylark 5.0	01.77- 01.78	110505	14 75	01.77- 01.78	110216	12 1.4
	01.77- 01.79	110502	14 100/105			
	01.91- 01.93	112629	14 100/105			
	01.77- 01.79	110508	14 78			
Skylark 5.0 Custom	01.78-	110505	14 75	01.78-	110216	12 1.4
	01.78- 01.79	110502	14 100/105			
	01.91- 01.93	112629	14 100/105			
	01.78- 01.79	110508	14 78			
Skylark 5.0 S	01.77- 01.86	110505	14 75	01.77- 01.86	110216	12 1.4
	01.77- 01.80	110502	14 100/105			
	01.91- 01.93	112629	14 100/105			
	01.77- 01.80	110508	14 78			
Skylark 5.0 SR	01.77-	110505	14 75	01.77-	110216	12 1.4
	01.77- 01.77	110502	14 100/105			
	01.91- 01.93	112629	14 100/105			
	01.77- 01.77	110508	14 78			
Skylark 5.6	01.66- 01.67	110075	14 60			
Skylark 5.7	01.72- 01.79	110505	14 75			
	01.77- 01.79	110502	14 100/105	01.77- 01.79	110216	12 1.4
	01.91- 01.93	112629	14 100/105	01.77- 01.79	111258	12
	01.72- 01.85	110508	14 78			
	01.72- 01.76	110233	14 63			
	01.68- 01.71	110075	14 60			
Skylark 5.7 Custom	01.72- 01.79	110505	14 75	01.78- 01.79	111258	12
	01.78- 01.79	110502	14 100/105	01.78- 01.79	110216	12 1.4
	01.78- 01.79	110508	14 78			
	01.72-	110233	14 63			
	01.91- 01.93	112629	14 100/105			
	01.68- 01.71	110075	14 60			
Skylark 5.7 S	01.76- 01.76	110505	14 75			
	01.77- 01.77	110502	14 100/105			
	01.91- 01.93	112629	14 100/105			
	01.76-	110233	14 63			
	01.76- 01.76	110508	14 78			
Skylark 5.7 SR	01.75- 01.76	110505	14 75			
	01.77- 01.77	110502	14 100/105	01.77-	110216	12 1.4
	01.91- 01.93	112629	14 100/105	01.77-	111258	12
	01.75- 01.77	110508	14 78			
	01.75- 01.76	110233	14 63			
Skylark 6.6	01.65- 01.67	110075	14 60			
Skylark 6.6 Custom	01.68-	110075	14 60			
Skylark 7.5	01.72-	110233	14 63			
	01.72-	110505	14 75			
Skylark 7.5 Custom	01.72-	110233	14 63			
	01.72- 01.72	110505	14 75			
	01.70-	110075	14 60			
Somerset 2.5	01.86- 01.87	110502	14 100/105			
Somerset 2.5 Limited	01.86- 01.87	110502	14 100/105			
Somerset 2.5 Regal	01.85-	110471	14 94			
	01.85- 01.85	110505	14 75			
	01.85- 01.85	110508	14 78			
Somerset 2.5 Regal Limited	01.85-	110471	14 94			
	01.85- 01.85	110505	14 75			
	01.85- 01.85	110508	14 78			
Somerset 2.5 T-Type	01.86- 01.86	110502	14 100/105			
Somerset 3.0	01.86- 01.87	110502	14 100/105	01.86- 01.87	110221	12 1.2
	01.86- 01.86	110505	14 75			
Somerset 3.0 Limited	01.89- 01.91	110724	14 61/74	01.86-	110221	12 1.2
	01.86-	110502	14 100/105			
	01.86- 01.86	110505	14 75			
Somerset 3.0 Regal	01.85-	110471	14 94	01.85-	110221	12 1.2
	01.85-	110492	14 108			
	01.85- 01.85	110502	14 100/105			
	01.85- 01.85	110505	14 75			
Somerset 3.0 Regal Limited	01.85-	110471	14 94	01.85-	110221	12 1.2
	01.85-	110492	14 108			
	01.85- 01.85	110505	14 75			
	01.85- 01.85	110508	14 78			
Somerset 3.0 T-Type	01.86-	110502	14 100/105	01.86-	110221	12 1.2
Special 3.2	01.63- 01.63	110075	14 60			
Special 3.5	01.62- 01.63	110075	14 60			
Special 3.7	01.64- 01.67	110075	14 60			
Special 4.1	01.68- 01.69	110075	14 60			
Special 4.9	01.64- 01.67	110075	14 60			
Special 5.7	01.68- 01.69	110075	14 60			
Sportwagon 3.7	01.64- 01.65	110075	14 60			
Sportwagon 4.9	01.64- 01.65	110075	14 60			
Sportwagon 5.6	01.67- 01.67	110075	14 60			
Sportwagon 5.7	01.72-	110233	14 63			
	01.72-	110505	14 75			
	01.91- 01.93	112629	14 100/105			
	01.68- 01.71	110075	14 60			
Sportwagon 6.6	01.68- 01.68	110075	14 60			
Sportwagon 7.5	01.70-	110075	14 60			
Wildcat 6.6	01.63- 01.66	110075	14 60			
Wildcat 7.0	01.64- 01.69	110075	14 60			
Wildcat 7.0 Custom	01.68- 01.69	110075	14 60			



Wildcat 7.5 Custom	01.70-	110075	14	60				
<b>PASSENGER CARS AO</b>								
Roadmaster 5.0	[LG2]				01.89-	12.95	112897	12 1.7
<b>BUKH</b>								
<b>MARINE</b>								
Various Models		113631	14	90			111398	12 1.1
		111397	14	45			113307	12 1.2
<b>Butec</b>								
<b>INDUSTRY</b>								
Various Models		110643	28	40				
<b>Cadillac</b>								
<b>PASSENGER CARS EU</b>								
BLS 1.9 Diesel	[Z19DTH]	04.06-	114284	14	130	04.06-	113931	12 1.7
Commercial 5.7							112897	12 1.7
Escalade 5.8	[LO5]				10.98-		112240	12 1.7
<b>PASSENGER CARS US</b>								
Calais 7.0		01.65- 01.67	110075	14	60			
Calais 7.7		01.72- 01.74	110233	14	63			
		01.72- 01.74	110505	14	75			
		01.68- 01.71	110075	14	60			
Calais 8.2		01.75- 01.76	110233	14	63			
		01.75- 01.76	110234#	14	80			
		01.75- 01.76	110505	14	75			
Catera 3.0					01.97- 01.01	112459	12 1.4	
Cimarron 2.0					01.83- 01.86	112911	12 1.6	
Cimarron 2.8		01.85- 01.88	110471	14	94	01.85- 01.88	112911	12 1.6
Commercial Chassis 6.0		01.80-	110233	14	63			
		01.80-	110235	14	80			
		01.80-	110234#	14	80			
		01.80-	110499	14	100/105			
Commercial Chassis 7.0		01.77-	110233	14	63			
		01.77-	110234#	14	80			
		01.77-	110937	14	200			
Commercial Chassis 8.2		01.75-	110233	14	63			
		01.75-	110234#	14	80			
		01.75-	110937	14	200			
Concours 4.6		01.98- 01.99	112873#	14	100	01.96- 01.99	112904	12 1.7
Deville 4.1		01.94- 01.97	112886	14	140			
		01.80- 01.84	112448	14	100			
		01.80- 01.84	110499	14	100/105			
		01.80- 01.83	110235	14	80			
		01.80- 01.84	110234#	14	80			
Deville 4.3		01.80- 01.81	110233	14	63			
		01.80- 01.81	110505	14	75			
		01.85-	110471	14	94			
Deville 4.5		01.85-	110505	14	75			
Deville 4.5		01.88- 01.89	112880	14	120			
Deville 4.6		01.98- 01.00	112873#	14	100	01.96- 01.02	112904	12 1.7
		01.94- 01.97	112886	14	140			
Deville 4.6 D'Elegance		01.97-	112873#	14	100	01.97-	112904	12 1.7
Deville 4.6 DHS						01.01- 01.02	112904	12 1.7
Deville 4.6 DTS						01.01- 01.03	112904	12 1.7
Deville 5.4		01.53- 01.55	110505	14	75			
Deville 5.7		01.79- 01.84	110234#	14	80			
Deville 6.0		01.56- 01.58	110505	14	75			
		01.80-	112448	14	100			
		01.80-	110234#	14	80			
		01.80-	110499	14	100/105			
		01.80-	110233	14	63			
Deville 6.4		01.80-	110235	14	80			
		01.59- 01.60	110505	14	75			
Deville 7.0		01.61- 01.63	110075	14	60			
		01.77- 01.79	110234#	14	80			
		01.77- 01.79	110233	14	63			
		01.77- 01.79	110505	14	75			
Deville 7.7		01.64- 01.67	110075	14	60			
		01.72- 01.74	110233	14	63			
		01.72- 01.74	110505	14	75			
Deville 8.2		01.68- 01.71	110075	14	60			
		01.74- 01.76	110233	14	63			
		01.74- 01.76	110234#	14	80			
Eldorado 4.1		01.74- 01.76	110505	14	75			
		01.82- 01.85	112448	14	100			
		01.82- 01.85	110234#	14	80			
		01.82- 01.85	110499	14	100/105			
		01.82- 01.85	110508	14	78			
Eldorado 4.1 Biarritz		01.81- 01.82	110235	14	80			
		01.86-	112880	14	120			
		01.84- 01.85	110234#	14	80			
		01.84- 01.85	110499	14	100/105			
Eldorado 4.5		01.84- 01.85	110508	14	78			
Eldorado 4.6		01.84- 01.85	112448	14	100			
Eldorado 4.5		01.88- 01.89	112880	14	120			
Eldorado 4.6		01.99-	112873#	14	100	01.99-	112904	12 1.7
		01.93- 01.97	112886	14	140			
Eldorado 4.6 ELC		01.98- 01.98	112873#	14	100	01.98- 01.98	112904	12 1.7
Eldorado 4.6 ESC		01.01- 01.02	112873#	14	100	01.01- 01.02	112904	12 1.7
Eldorado 4.6 ETC		01.98- 01.02	112873#	14	100	01.98- 01.02	112904	12 1.7
Eldorado 4.6 Sport		01.93-	112886	14	140			

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**CADILLAC** Continued

Eldorado 5.4	01.53- 01.55	110505	14	75				
Eldorado 5.7	01.80-	112448	14	100	01.80-	110218	12	
	01.80-	110499	14	100/105				
	01.79-	110234#	14	80				
	01.91- 01.92	112629	14	100/105				
Eldorado 5.7	01.79- 01.85	110234#	14	80				
Eldorado 6.0	01.80- 01.81	110234#	14	80				
	01.56- 01.58	110505	14	75				
Eldorado 6.4	01.59- 01.60	110505	14	75				
	01.61- 01.63	110075	14	60				
Eldorado 7.0	01.77- 01.78	110234#	14	80	01.77- 01.78	110216	12	1.4
	01.77- 01.78	110233	14	63				
	01.77- 01.78	110505	14	75				
	01.64- 01.67	110075	14	60				
Eldorado 7.7	01.68- 01.69	110075	14	60	01.68- 01.69	110216	12	1.4
Eldorado 8.2	01.72- 01.76	110233	14	63	01.70- 01.76	110216	12	1.4
	01.72- 01.76	110505	14	75				
	01.70- 01.71	110075	14	60				
	01.75- 01.76	110234#	14	80				
Escalade 5.3					01.02-	112902	12	1.2
Escalade 5.7	01.99- 01.00	112893	14	140	01.99- 01.00	112240	12	1.7
					01.99- 01.00	112912	12	1.6
Escalade 6.0	01.02- 01.04	112853	14	130	01.02- 01.02	112906	12	1.7
	01.02- 01.02	112850	14	105				
Escalade 6.0 ESV	01.03- 01.04	112853	14	130				
Escalade 6.0 EXT	01.02- 01.04	112853	14	130	01.02- 01.02	112906	12	1.7
	01.02- 01.02	112850	14	105				
Fleetwood 4.1	01.85-	110499	14	100/105				
	01.85-	110234#	14	80				
	01.86-	112880	14	120				
Fleetwood 4.1 60 Special	01.87-	112880	14	120				
Fleetwood 4.1 75	01.86-	112880	14	120				
Fleetwood 4.1 Brougham	01.80- 01.85	112448	14	100				
	01.80- 01.85	110499	14	100/105				
	01.80- 01.85	110234#	14	80				
	01.80- 01.83	110235	14	80				
	01.80- 01.81	110233	14	63				
	01.80- 01.81	110505	14	75				
Fleetwood 4.1 D'Elegance	01.87-	112880	14	120				
Fleetwood 4.3	01.85-	110471	14	94				
	01.85-	110505	14	75				
Fleetwood 4.5	01.88-	112880	14	120				
Fleetwood 4.5 60 Special	01.88- 01.89	112880	14	120				
Fleetwood 4.5 D'Elegance	01.88-	112880	14	120				
Fleetwood 5.0 Brougham	01.86- 01.90	110471	14	94				
	01.91- 01.92	112640	14	100/105				
	01.91- 01.92	112629	14	100/105				
Fleetwood 5.7	01.93- 01.96	112884	14	140				
Fleetwood 5.7 Brougham	01.91- 01.92	112629	14	100/105				
	01.93- 01.96	112884	14	140	01.90- 01.92	110216	12	1.4
Fleetwood 5.7 Brougham	01.79- 01.85	110234#	14	80				
Fleetwood 6.0	01.80- 01.84	112448	14	100				
	01.80- 01.84	110234#	14	80				
	01.80- 01.84	110499	14	100/105				
	01.80-	110235	14	80				
	01.80-	110233	14	63				
	01.80-	110505	14	75				
Fleetwood 6.0 Brougham	01.80-	112448	14	100				
	01.80-	110234#	14	80				
	01.80-	110499	14	100/105				
	01.80-	110233	14	63				
	01.80-	110235	14	80				
	01.80-	110505	14	75				
Fleetwood 6.0 Formal	01.80- 01.84	112448	14	100				
	01.80- 01.84	110234#	14	80				
	01.80- 01.84	110499	14	100/105				
	01.80-	110233	14	63				
	01.80-	110235	14	80				
	01.80-	110505	14	75				
Fleetwood 7.0	01.65- 01.67	110075	14	60				
	01.77- 01.79	110233	14	63				
	01.77- 01.79	110505	14	75				
Fleetwood 7.0 Brougham	01.77- 01.79	110234#	14	80				
	01.77- 01.79	110937	14	200				
	01.77- 01.79	110233	14	63				
	01.77- 01.79	110505	14	75				
Fleetwood 7.0 Formal	01.77-	110234#	14	80				
	01.77-	110937	14	200				
	01.77- 01.79	110233	14	63				
	01.77- 01.79	110505	14	75				
Fleetwood 7.7	01.72- 01.74	110233	14	63				
	01.68- 01.74	110937	14	200				
	01.72- 01.74	110234#	14	80				
	01.72- 01.74	110505	14	75				
	01.68- 01.71	110075	14	60				



Fleetwood 7.7 60 Special		01.72- 01.74	110233	14	63				
		01.72- 01.74	110234#	14	80				
		01.68- 01.74	110937	14	200				
		01.72- 01.74	110505	14	75				
		01.68- 01.71	110075	14	60				
Fleetwood 7.7 75		01.72- 01.74	110233	14	63				
		01.72- 01.74	110234#	14	80				
		01.68- 01.74	110937	14	200				
		01.72- 01.74	110505	14	75				
		01.68- 01.71	110075	14	60				
Fleetwood 7.7 Brougham		01.68- 01.70	110075	14	60				
Fleetwood 8.2		01.76- 01.76	110233	14	63				
		01.76- 01.76	110234#	14	80				
		01.76- 01.76	110937	14	200				
		01.76- 01.76	110505	14	75				
Fleetwood 8.2 60 Special		01.75- 01.76	110234#	14	80				
		01.75- 01.76	110937	14	200				
		01.75- 01.76	110233	14	63				
		01.75- 01.76	110505	14	75				
Fleetwood 8.2 75		01.75- 01.76	110233	14	63				
		01.75- 01.76	110234#	14	80				
		01.75- 01.76	110937	14	200				
		01.75- 01.76	110505	14	75				
Series 60 5.4 Fleetwood		01.53- 01.55	110505	14	75				
Series 60 6.0 Fleetwood		01.56- 01.58	110505	14	75				
Series 60 6.4 Fleetwood		01.61- 01.63	110075	14	60				
		01.59- 01.60	110505	14	75				
Series 60 7.0 Fleetwood		01.64- 01.64	110075	14	60				
Series 62 4.1		01.55- 01.55	110505	14	75				
Series 62 5.4		01.53- 01.55	110505	14	75				
Series 62 6.0		01.56- 01.58	110505	14	75				
Series 62 6.4		01.59- 01.60	110505	14	75				
		01.61- 01.63	110075	14	60				
Series 62 7.0		01.64- 01.64	110075	14	60				
Series 70 6.0 Fleetwood Eldorado		01.58- 01.58	110505	14	75				
Series 75 5.4 Fleetwood		01.53- 01.55	110505	14	75				
Series 75 6.0 Fleetwood		01.56- 01.58	110505	14	75				
Series 75 6.4 Fleetwood		01.59- 01.60	110505	14	75				
		01.61- 01.63	110075	14	60				
Series 75 7.0 Fleetwood		01.64- 01.64	110075	14	60				
Seville 4.1		01.82- 01.85	112448	14	100				
		01.82- 01.85	110234#	14	80				
		01.82- 01.85	110499	14	100/105				
		01.81- 01.83	110235	14	80				
		01.86-	112880	14	120				
Seville 4.5		01.88- 01.89	112880	14	120				
Seville 4.6						01.99- 01.00	112904	12	1.7
Seville 4.6 SLS		01.94- 01.97	112886	14	140	01.98- 01.02	112904	12	1.7
Seville 4.6 STS		01.93- 01.97	112886	14	140	01.98- 01.02	112904	12	1.7
Seville 5.7		01.80-	112448	14	100	01.78- 01.79	110218	12	
		01.76- 01.79	110234#	14	80				
		01.80-	110499	14	100/105				
		01.91- 01.93	112629	14	100/105				
Seville 5.7		01.78- 01.85	110233	14	63				
		01.78- 01.85	110234#	14	80				
		01.78- 01.85	110505	14	75				
Seville 6.0		01.80- 01.81	110234#	14	80				
<b>Carbodies</b>									
<b>PASSENGER CARS EU</b>									
FI 2 2.5 Diesel	[25V]					01.85- 12.89	110464	12	2.1
FX4 2.5 Diesel	[25V]					09.85- 12.89	110464	12	2.1
<b>Carrier Transcold</b>									
<b>INDUSTRY</b>									
Genesis TM1000							114333	12	2.2
Genesis TM800			114084	14	70				
Supra			114084	14	70				
<b>MOTORS</b>									
500	[CT4-114]		110371	14	65		110940	12	1.4
							110938	12	1.4
PLUS	[CT4-114]		110371	14	65		110938	12	1.4
Various Models			110371	14	65		113635	12	1.2
							111299	12	1.4
							110604	12	2.8
							110934#	12	2.0
<b>Case</b>									
<b>AGRICULTURE</b>									
100 B						10.72- 12.79	111752	12	2.7
110	[Cummins 6BT]	05.97-	111843	14	95				
		05.97-	111888	14	65				
120	[Cummins 6BT]	05.97-	111843	14	95				
		05.97-	111888	14	65				
125 B						10.72- 12.79	111752	12	2.7
135	[Cummins 6BT]	05.97-	111843	14	95				
		05.97-	111888	14	65				
221						10.72- 12.79	111752	12	2.7
250						01.57- 01.61	110438	12	2.1
275						01.59- 01.68	110438	12	2.1
276						01.69- 01.72	110438	12	2.1

## STARTERS & ALTERNATORS

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305	[Cummins MU7]	01.06-	114469	14 175			
321		01.86-	110077	14 50	11.72- 06.86	111752	12 2.7
		10.76-	110641	14 33			
384		01.67- 01.82	110178	14 36			
414					01.61- 01.66	110438	12 2.1
421		01.86-	110641	14 33	10.76-	111752	12 2.7
					10.76-	113269	12 3.0
431		01.72-	110641	14 33	11.72- 12.85	111752	12 2.7
		01.86-	110077	14 50			
433		02.77- 12.85	111662	14 33	01.86-	112135	12 3.1
434					01.69- 01.73	110438	12 2.1
444					01.72- 01.78	110438	12 2.1
450 C		01.89- 01.94	111843	14 95	01.87- 01.94	110627	12 2.5
		01.89- 01.94	111888	14 65			
454		01.72-	110178	14 36	01.72-	112660	12 2.8
		01.72-	111185	14 43 A47			
455		01.89- 01.94	111843	14 95			
		01.89- 01.94	112170	28 45			
		01.89- 01.94	111888	14 65			
474		01.72-	110178	14 36		112660	12 2.8
			111185	14 43 A47			
475		01.82-	111185	14 43 A47			
480 CK		01.89- 01.94	111843	14 95	01.79- 01.88	110627	12 2.5
		01.89- 01.94	111888	14 65			
484		01.82-	111185	14 43 A47			
485		01.82-	111185	14 43 A47			
		01.85- 01.90	111713	14 105			
485		01.89-	111185	14 43 A47	01.89- 01.93	112660	12 2.8
		01.89- 01.93	110508	14 78			
500		01.75- 01.78	110178	14 36			
531		01.86-	110077	14 50	01.86- 06.86	111752	12 2.7
		10.76- 06.86	110641	14 33			
533		02.77- 12.85	111662	14 33	01.86-	112135	12 3.1
540		01.88-	111662	14 33			
554		01.86-	110077	14 50	04.73-	111752	12 2.7
		01.86-	110641	14 33			
574		01.72-	111185	14 43 A47	01.72-	111752	12 2.7
		01.72-	110178	14 36	01.72-	112660	12 2.8
580		01.82- 01.94	111843	14 95	01.79- 01.87	110627	12 2.5
		01.89- 01.94	111888	14 65	01.84- 01.92	113725	12 2.5
					01.82-	110818	12 2.1
580 C,D	[188D,207D]	01.83- 01.88	110952	28 40	01.83- 01.88	110818	12 2.1
					01.83- 01.88	112660	12 2.8
584		01.82-	111185	14 43 A47	01.82-	112660	12 2.8
		01.77- 01.80	110178	14 36			
585		01.82-	111185	14 43 A47	01.82-	112660	12 2.8
590 CK					01.92-	113725	12 2.5
590 L					01.92-	113725	12 2.5
644		01.86-	110077	14 50	01.86- 06.86	111752	12 2.7
		02.79-	110641	14 33			
674		01.72-	111185	14 43 A47	01.72-	112660	12 2.8
		01.72-	110178	14 36			
680		01.83- 01.88	110952	28 40	01.83- 01.88	113429	12 4.2
684		01.77- 01.80	110178	14 36	01.82-	112660	12 2.8
		01.82-	111185	14 43 A47			
685		01.82-	111185	14 43 A47	01.82-	112660	12 2.8
685 L			111185	14 43 A47			
724					04.73- 02.75	111752	12 2.7
743					04.80- 12.85	111752	12 2.7
743 XL					07.81- 12.85	111752	12 2.7
743 XLA					07.81- 12.85	111752	12 2.7
744		02.74- 06.84	110641	14 33	02.74- 06.84	111752	12 2.7
745 S					04.80- 12.85	111752	12 2.7
745 X					07.81- 12.85	111752	12 2.7
745 XLS					07.81- 12.85	111752	12 2.7
780		01.83- 01.88	110952	28 40			
784		01.82-	111185	14 43 A47	01.82-	112660	12 2.8
785		01.82-	111185	14 43 A47	01.82-	112660	12 2.8
824					06.73- 02.74	111752	12 2.7
833		09.81-	111662	14 33	09.81-	112135	12 3.1
833 A		09.81-	111662	14 33	09.81-	112135	12 3.1
834					06.73- 02.74	111752	12 2.7
844		01.86- 12.90	110077	14 50	01.86- 12.90	111752	12 2.7
		01.86- 12.90	110641	14 33			
850		01.89- 01.94	111843	14 95	01.89- 01.94	110818	12 2.1
		01.72- 01.78	110427	28 22 PL			
		01.89- 01.94	112170	28 45			
		01.89- 01.94	111888	14 65			
880					01.86-	112169	24 4.5
884						112660	12 2.8
885		01.72- 01.83	110178	14 36	01.72- 01.83	112660	12 2.8
		01.72-	111185	14 43 A47			
		01.89- 01.94	111888	14 65			
895						112660	12 2.8
946		01.71- 01.77	110641	14 33	04.73- 08.79	111752	12 2.7
956 XL		01.85-	112098	14 65	01.85-	111752	12 2.7
988		11.96-	112170	28 45			
990		01.75-	110178	14 36	01.69-	110818	12 2.1
			111185	14 43 A47			



995			111185	14 43 A47	01.72-	110818	12 2.1
						112660	12 2.8
996			111185	14 43 A47	01.76-	110818	12 2.1
		01.75-	110178	14 36			
1000		01.71- 01.75	110641	14 33			
1046					04.73- 08.79	111752	12 2.7
1056		01.86-	112098	14 65			
1150		01.89- 01.94	112170	28 45			
		01.89- 01.94	111888	14 65			
		01.89- 01.94	111843	14 95			
		01.73- 01.78	110427	28 22 PL			
1150 E		01.89- 01.94	111843	14 95			
		01.89- 01.94	112170	28 45			
		01.89- 01.94	111888	14 65			
1155 E		01.89- 01.94	111843	14 95			
		01.89- 01.94	111888	14 65			
1190		01.83-	111185	14 43 A47			
1194			111185	14 43 A47			
1200					01.69- 01.71	110818	12 2.1
1210		01.75-	110178	14 36	01.72- 01.81	110818	12 2.1
1212		01.72- 01.75	110178	14 36	01.72- 01.81	110818	12 2.1
1290		01.80- 01.82	110179	14 36	01.80- 01.83	110818	12 2.1
			111185	14 43 A47			
1294 3.6					01.84- 06.89	110818	12 2.1
					01.84- 06.89	111499#	12 2.8
1390			111185	14 43 A47	01.80- 01.83	110818	12 2.1
		01.79- 01.85	110179	14 36			
1394			111185	14 43 A47	01.84-	111499#	12 2.8
		01.84-	110968	14 70	01.84-	110818	12 2.1
		01.84-	113574	14 65			
		01.80- 01.88	111204	14 70			
1410		01.75- 01.81	110178	14 36			
1412		01.75- 01.81	110178	14 36			
1450		01.72- 01.78	110427	28 22 PL			
		01.79- 01.86	110952	28 40 PL			
1490		01.84-	111185	14 43 A47	01.80- 01.83	110818	12 2.1
1494		01.84-	113574	14 65	01.84-	111499#	12 2.8
		01.79- 01.87	111185	14 43 A47			
		01.84-	110968	14 70			
		01.79- 01.87	111204	14 70			
1550		01.89- 01.94	111843	14 95			
		01.89- 01.94	111888	14 65			
1594		01.84-	110968	14 70	01.84-	111499#	12 2.8
		01.83- 01.88	111204	14 70			
		01.84-	113574	14 65			
1620						113429	12 4.2
1640						113429	12 4.2
1644						113429	12 4.2
1666						113429	12 4.2
1680						113429	12 4.2
1688						113429	12 4.2
1690		01.79- 01.85	111185	14 43 A47, 4WD	01.85- 01.92	113429	12 4.2
		01.79- 01.85	110179	14 36 2WD	01.84-	111499#	12 2.8
					01.84-	110818	12 2.1
1694		01.84-	110968	14 70	01.84-	111499#	12 2.8
		01.79- 01.87	111204	14 70			
		01.84-	113574	14 65			
1840					01.90- 01.93	113725	12 2.5
1845 C					01.87- 01.96	113725	12 2.5
2144		01.94-	113999	14 150 IS	01.94- 01.96	113429	12 4.2
		01.94- 01.97	112773	14 135			
2155 8.3	[6CTA]	05.97-	112773	14 135	01.96-	113429	12 4.2
		05.97-	113999	14 150 IS			
2166 8.3	[6CTA]	01.94-	112773	14 135	01.94- 01.96	113429	12 4.2
		01.94-	113999	14 150 IS			
2188 8.3	[6CTA]	01.94-	112773	14 135	01.94- 01.96	113429	12 4.2
		01.94-	113999	14 150 IS			
2344 5.9		01.97-	113999	14 150 IS			
		01.97- 01.98	112773	14 135			
2366 8.3	[6CTA]	05.97-	112773	14 135	01.97-	113429	12 4.2
		05.97-	113999	14 150 IS			
2388 8.3	[6CTAA]	05.97- 01.98	112773	14 135			
		05.97-	113999	14 150 IS			
2555 8.3		05.97-	113999	14 150 IS			
		05.97-	112773	14 135			
3400 GD					09.69- 12.86	111752	12 2.7
3500 GD					09.69- 12.86	111752	12 2.7
4200		01.93-	111289	14 70		112660	12 2.8
5120 Maxxum	[6T-590]	01.90-	111843	14 95			
		01.90-	111888	14 65			
5130	[6T-590]				01.90- 01.91	113429	12 4.2
					06.90-	114449	12 4.0
5130 Maxxum	[6T-590]	01.90-	111843	14 95	01.90-	111885	12 3.1
		01.90-	111888	14 65			
5140	[6T-590]				01.90- 01.91	113429	12 4.2
					06.90-	114449	12 4.0
5140 Maxxum	[6T-590]	01.90-	111843	14 95	01.90-	111885	12 3.1
		01.90-	111888	14 65			
5150 Maxxum	[6T-590]				06.90-	111885	12 3.1

## STARTERS & ALTERNATORS

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6000							01.97- 01.00	113429	12	4.2
							01.85- 01.92	113725	12	2.5
6500							01.85- 01.92	113725	12	2.5
7120 8.3	[6CT]	01.98- 01.03	112773	14	135		01.87- 01.93	113429	12	4.2
		01.98- 01.03	113999	14	150 IS					
7130 8.3	[6CT]	01.98- 01.03	112773	14	135		01.87- 01.93	113429	12	4.2
		01.98- 01.03	113999	14	150 IS					
7140 8.3	[6CTA]	01.98- 01.03	112773	14	135		01.87- 01.93	113429	12	4.2
		01.98- 01.03	113999	14	150 IS					
8920 8.3	[6CTA]	05.97-	112773	14	135					
		05.97-	113999	14	150 IS					
8930 8.3	[6CTA]	05.97-	112773	14	135		01.96-	113429	12	4.2
		05.97-	113999	14	150 IS					
8940 8.3	[6CTA]	05.97-	112773	14	135					
		05.97-	113999	14	150 IS					
8950 8.3	[6CTA]	05.97-	112773	14	135					
		05.97-	113999	14	150 IS					
9150	[6-611]						01.86- 01.90	112089	12	
9180	[6-855]						01.86- 01.90	112089	12	
9250	[6-611]						01.90- 01.95	112089	12	
9260	[6-611]						01.90- 01.95	112089	12	
9270	[6-855]						01.90- 01.95	112089	12	
9280	[6-855]						01.90- 01.95	112089	12	
170 CBX			113552	14	120					
420CT 3.2	[432T/M]						01.08-	114002	12	4.2
650 HD Yumbo		01.78-	111035	14	65					
821B 8.3	[6CT]	06.96-	112493	28	65					
DX18E			115342	14	40					
DX22E			115342	14	40					
DX25E			115342	14	40					
DX26			115342	14	40					
E833		01.86-	111662	14	33		01.86- 12.90	112135	12	3.1
E833 A		01.86-	111662	14	33		01.86- 12.90	112135	12	3.1
JX100U			114384	14	85					
JX70U			114384	14	85					
JX80U			114384	14	85					
JX90U			114384	14	85					
MX		01.95- 01.02	111843	14	95					
V433		01.86-	111662	14	33		01.86-	112135	12	3.1
V533		01.86-	111662	14	33		01.86-	112135	12	3.1
Various Models	[6-411]							114050	12	4.2
		01.70- 01.92	110300	28	65		05.82	111752	12	2.7
		01.68-	112260#	14	80		05.79- 12.86	110536	12	2.7
		01.72- 01.85	110504	14	90		01.00- 01.00	111260	12	1.4
		01.89- 01.94	112170	28	45		01.87- 01.92	113184	24	4.0
		01.65-	114518	14	55			113429	12	4.2
			113552	14	120			110818	12	2.1
		01.65-	110484				03.75- 01.88	110523	24	4.8
			114191	14	90		01.83-	110999	24	
							01.65-	114196	24	4.0
							01.74- 01.80	111259	12	1.3
							01.65-	112256#	24	7.0
							01.65- 01.88	112243	24	
							01.78- 01.89	110627	12	2.5
							01.57- 01.78	110438	12	2.1
							01.90- 01.98	112169	24	4.5
							01.65-	114399	12	2.7
							01.72-	112660	12	2.8
							01.85- 01.92	111760	24	4.5
W20E 6.0	[6BT]	05.96-	112493	28	65					
<b>INDUSTRY</b>										
1150K	[668TA-M2]							114695	24	7.5
621D	[668TA-M2]							114695	24	7.5
721D	[668TA-M2]							114695	24	7.5
850K	[668TA-M2]							114695	24	7.5
B100		01.73- 01.86	110178	14	36					
B115 Excavator		01.75- 01.84	110766	28	27					
B160 CL Excavator		06.76- 01.85	110766	28	27					
B165 Excavator		01.77- 01.82	110178	14	36					
B60 Excavator		03.76- 02.88	110766	28	27					
B75 Excavator		06.76- 02.88	110766	28	27					
B90 Excavator		03.75- 02.88	110766	28	27					
BTD 6 Crawler		01.72-	110178	14	36					
BTD 8 Crawler		01.72-	110178	14	36					
CX27B Excavator	[3TNV82]						01.05-	114281	12	1.7
CX31B Excavator	[3TNV88]						01.05-	114281	12	1.7
Excavator Diesel	[mitsubishi Equipped]		114079	14	40			114696	12	1.2
								114444	12	1.6
Excavators JS200	[Isuzu 4HK1/ 14HK1T]							114659	24	5.0
Excavators JS220	[Isuzu 4HK1/ 14HK1T]							114659	24	5.0
LW780	[668TA-M2]							114695	24	7.5
TD6 Crawler		01.73- 01.74	110178	14	36					
TD8 Crawler		01.73-	110178	14	36					
Various Models			114759	14	40		01.05-	114307	24	4.0
			110801	28	45					
		01.70- 01.92	110300	28	65					
			114191	14	90					
W130	[668TA-M2]							114695	24	7.5
W14		01.83- 01.92	110952	28	40					



W18		01.83- 01.92	110952	28	40		01.73- 01.84	110999	24
W24		01.83- 01.92	110952	28	40		01.73- 01.84	110999	24
W30		01.83- 01.92	110952	28	40				
W36		01.83- 01.92	110952	28	40				
<b>Caterpillar</b>									
<b>AGRICULTURE</b>									
75							01.91- 12.97	113695	24 6.0
85							01.95- 12.97	113695	24 6.0
906 Diesel	[Perkins 3054]		114218	14	55			115323	12 2.7
908 Diesel	[Perkins 3054]		114218	14	55			115323	12 2.7
416C Diesel	[Perkins 3054]		114218	14	55				
426C Diesel	[Perkins 3054]		114218	14	55				
436C Diesel	[Perkins 3054]		114218	14	55				
D4C Diesel	[Perkins]		114218	14	55				
Farm 35		01.94-	112996	14	115				
Farm 45		01.94-	112996	14	115				
Farm 55		01.95-	112996	14	115				
Various Agriculture Vehicles			114683	28	80				
Various Models			114188	14	90		01.79-	110449	12 3.6
			114271	28	75			114280	24 3.2
<b>FORK LIFTS</b>									
DP40 Mitsubishi	[S6E/S6S]							114169	24 5.0
V160		01.86- 12.89	112989	14	60				
V180		01.86- 12.89	112989	14	60				
V200		01.86- 12.89	112989	14	60				
V225		01.86- 12.89	112989	14	60				
V250		01.86- 12.89	112989	14	60				
V300		01.86- 12.89	112989	14	60				
V330		01.86- 12.89	112989	14	60				
V60E	[Perkins 4-236]						01.85- 01.91	113172	12 2.0
V80E	[Perkins 4-236]						01.85- 01.91	113172	12 2.0
<b>MARINE</b>									
3116			114351	14	200				
3126			114351	14	200				
<b>INDUSTRY</b>									
200 Serie Skid Steer L0ader	[Perkins 3034]							115323	12 2.7
248B	[3044T]		114902*	14	90				
320B	[3066T]						01.96-	114445	24 5.0
420D Diesel	[Perkins]		113967	14	120				
914G Diesel Wheel Loader		01.95- 01.03	114364	28	70				
D9L Crawler			114271	28	75				
M322C	[3056E]		114714	28	80				
M322C			114302	28	80				
TH Serie	[Perkins 3054]							115323	12 2.7
Various Industrial applications			114683	28	80			114309	12 4.0
			114870*						
Various Models	[3204]						01.71- 01.78	111000	24 6.5
		01.72- 01.93	110801	28	45			114268	24 4.5
<b>MOTORS</b>									
3114							01.91- 12.93	113695	24 6.0
							01.91- 01.93	113237	12 3.0
							01.91- 01.93	110944	24 5.5
3116							01.91- 12.93	113695	24 6.0
							01.91- 01.93	113237	12 3.0
							01.90- 01.02	113126	12
							01.91- 01.93	110944	24 5.5
3176		01.97	113549	28	35		01.85- 12.93	113695	24 6.0
		01.92- 01.97	112264#	14	105		01.86- 01.99	112089	12
3208		01.74- 01.84	112303#	14	80		01.75- 01.84	110999	24
		01.86- 01.90	110801	28	45				
		01.86- 01.95	111261	28	50				
		01.86- 12.89	112989	14	60				
		01.74-	110937	14	200				
3304		01.86- 01.90	110801	28	45				
		01.86- 12.89	112989	14	60				
3306		01.86- 01.00	110801	28	45		01.75- 01.84	110999	24
		01.70- 01.93	111261	28	50				
		01.86- 12.89	112989	14	60				
		01.74-	110937	14	200				
		01.75- 01.84	112303#	14	80				
		01.75- 01.84	113549	28	35				
3406		01.86- 01.90	110801	28	45		01.86- 01.99	112089	12
		01.86- 01.97	111261	28	50		01.85- 12.97	113695	24 6.0
		01.86- 12.89	112989	14	60				
		01.74-	110937	14	200				
3408		01.86- 01.90	110801	28	45				
		12.86- 12.89	112989	14	60				
		01.74-	110937	14	200				
3412		01.86- 01.90	110801	28	45				
		01.86- 12.89	112989	14	60				
3508		01.86- 01.93	110801	28	45				
3512		01.86- 01.96	110801	28	45				
3516		01.86- 01.93	110801	28	45				
<b>MISCELLANEOUS</b>									
1693		01.71- 01.79	111261	28	50				
1694							01.74- 01.79	110999	24
304CR	[S3L]							113995	12 2.0
IT12B							01.89- 12.93	113695	24 6.0
IT24B							01.89- 12.96	113695	24 6.0

## STARTERS & ALTERNATORS

O. E. M. names and numbers are used for reference purposes only.



Application list

**CATERPILLAR** *Continued*

Various Models		01.79- 01.92	110801	28	45		02.93-	110999	24
Various Models		01.72- 01.97	110591	28	75			110961	12 2.5
			112998#	14	85		01.81-	112233	12
		01.94- 01.95	112996	14	115		01.68- 01.90	110436	12
		01.79- 01.93	111796	14	40			110962	12 2.0
			114188	14	90		01.71- 01.79	110999	24
		01.72- 01.00	110801	28	45		01.95- 12.00	111793	12 3.0
		01.70- 01.93	111261	28	50		01.79-	110449	12 3.6
		01.90-	113740#	14	160		01.76- 01.79	110347	24 7.5
		01.90-	113739	14	130			113669	24 5.0
			114347	28	150		01.92- 01.94	113194	24 3.2
		01.86- 12.89	112989	14	60		01.74- 01.93	113384	32
		01.86- 01.97	112261	28	60			114331	24 8.3
		01.92- 01.97	112294	28	110		01.82- 01.86	110626	12 1.4
		01.80- 01.97	113549	28	35			114280	24 3.2
		01.66- 01.73	110427	28	22			114168	12 1.2
		01.92- 01.97	113310	14	50			111190	12
							01.71- 01.81	112007	12
							01.70- 01.84	112254#	24
								110941	12 2.5
							01.89- 12.92	113695	24 6.0
							01.94- 01.98	112323	24 5.0
							01.85-	111000	24 6.5
		01.99-	114043	14	55				
		01.74-	110937	14	200				
<b>Challenger</b>									
<b>MARINE</b>									
Various Models								111918	12 0.6
<b>Chang Feng (Liebao)</b>									
<b>AGRICULTURE</b>									
3320		01.92-	110621	14	55		01.92-	110545	12 3.0
							01.92-	114254	12 2.7 GR
<b>Chevrolet</b>									
<b>PASSENGER CARS EU</b>									
Avalance 5.3							01.02- 12.02	112902	12 1.2
Aveo 1.2	[A12XEL]						03.11-	115395	12 1.1
	[A12XER]						03.11-	115395	12 1.1
	[B12D1]	04.08-	111847	14	65		01.08-	113860	12 0.8
		04.08-	115366	14	80				
	[F12S3]	03.06- 12.07	111847	14	65		03.06-	113860	12 0.8
		03.06-	115366	14	80				
	[LMU]	04.08-	111847	14	65				
		04.08-	115366	14	80				
	[LQ5]	03.06- 12.07	111847	14	65				
		03.06-	115366	14	80				
Aveo 1.2 LPG	[A12XER]						11.12-	115395	12 1.1
	[B12D1]						04.08-	113860	12 0.8
Aveo 1.2 16V	[B12D1]						04.08-	113860	12 0.8
Aveo 1.4	[A14XER]						03.11-	115395	12 1.1
	[F14D3]	03.06-	114350	14	85		03.06-	111123	12 0.9
	[F14D4]	01.08-	114350	14	85		04.08-	111123	12 0.9
Aveo 1.6	[F16D4]						03.11-	114298	12 1.1
Bel air							01.95- 12.97	112897	12 1.7
Beretta 2.2	[LN2]	01.91-	110503	14	100/105				
Beretta 2.3 16V	[LGO]	09.90- 01.92	110499	14	100/105				
		09.90-	112448	14	100				
Beretta 3.1 V6	[LHO]						01.89-	110221	12 1.2
Blazer 4.3 V6	[L35]	01.94- 01.96	112639	14	100/105		01.94-	112240	12 1.7
Blazer S 4.3 V6	[LB4]	09.88- 08.94	112337	14	105				
		09.88- 08.94	112629	14	100/105				
		01.93- 01.94	112639	14	100/105				
Camaro 3.4 V6	[L32]	01.94- 01.95	111854	14	105		12.92- 12.95	111034	12 1.2
Camaro 5.0	[LG4]	01.87-	110498	14	100/105		01.78- 11.81	110414	12
		01.88- 01.89	110985	14	100/105				
		01.90- 01.92	110500	14	100/105				
Camaro 5.7	[LS1]	07.98-	111712	14	105				
Camaro 5.7 V8	[LT1]	01.90- 01.92	112629	14	100/105				
Camaro 5.7							01.98- 12.01	112906	12 1.7
							01.95- 12.96	112897	12 1.7
Caprice 5.0	[LG4]						01.81- 12.83	110414	12
Captiva 3.2 4WD	[10HM]	06.06-	114235	14	120				
Corsica 2.2	[LN2]	01.91-	110503	14	100/105				
Corvette 2.8							01.97- 12.01	112906	12 1.7
							01.02- 12.02	112898	12 1.6
Cruze 1.4	[LUJ]						06.12-	115395	12 1.1
							10.13-	115395	12 1.1
Cruze 1.6	[F16D4]	05.09-	115410*	14	100		05.09-	114298	12 1.1
Cruze 1.7 Diesel	[LUD]	01.12-	115396*	14	140				
Cruze 1.8	[F18D4]	05.09-	115410*	14	100		06.11-	114298	12 1.1
Cruze 1.8 LPG	[F18D4]	06.11-	115410*	14	100		06.11-	114298	12 1.1
Cruze 1.8 BiFuel LPG	[F18D4]	06.11-	114779*	14	100		06.11-	114298	12 1.1
Epica 2.0	[X20D1]						06.06-	114503	12 1.5
Epica 2.5	[LF4]						06.06-	114503	12 1.5
Evanda 2.0	[X20SED]	03.05-	113498	14	80		03.05-	111848	12 1.0
Impala 5.7							01.95- 12.97	112897	12 1.7
Kalos 1.2	[B12S1]	03.05-	111847	14	65		03.05-	113860	12 0.8
		03.05-	115366	14	80				
Kalos 1.4	[F14S3]	03.05- 09.06	114350	14	85		03.05-	111123	12 0.9
Kalos 1.4 16V	[F14D3]	03.05-	114350	14	85		03.05-	111123	12 0.9

**STARTERS & ALTERNATORS**

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Lacetti 1.4 16V	[F14D3]	03.05-	114350	14	85	03.05-	111123	12	0.9
Lacetti 1.6	[F16D3]	03.05-	114350	14	85	03.05-	111123	12	0.9
Lacetti 1.8	[F18D3]	08.05-	114350	14	85	08.05-	111123	12	0.9
	[T18SED]	03.05-	114350	14	85	03.05-	111848	12	1.0
Lumina 2.3 APV	[LD2]	12.92- 07.98	111388	14	100/105				
LUV 2.2 Millenium		01.99-	114413	14	85				
Malibu 3.8	[LC3]	01.78- 01.79	110234#	14	80	01.80- 01.81	110414	12	
		01.80- 01.82	110235	14	80				
		01.80- 12.83	110504	14	90				
		01.83-	110508	14	78				
Malibu 5.0	[LG4]	01.78- 01.79	110234#	14	80	01.80-	110414	12	
		01.80- 01.82	110235	14	80				
		01.80- 12.83	110504	14	90				
		01.83-	110508	14	78				
Matiz 0.8	[F8CV]	03.05-	114114	14	65	03.05-	111849	12	0.8
Matiz 0.8 LPG	[F8CV]	03.05-	114114	14	65				
Matiz 1.0	[B10S]	03.05-	114114	14	65	03.05-	113860	12	0.8
	[B10S1]	03.05-	114114	14	65	03.05-	113860	12	0.8
Matiz 1.0 LPG	[B10S1]	03.05-	114114	14	65				
Monte Carlo 3.8	[LC3]	01.70-	110504	14	90				
		01.80- 01.86	110235	14	80				
		01.83- 01.87	110508	14	78				
		01.87-	110471	14	94				
Nubira 1.4	[F14D3]	01.05-	114350	14	85				
		01.06-	114412	14	85				
Nubira 1.6	[F16D3]	03.05-	114350	14	85	03.05-	111123	12	0.9
Nubira 1.8	[F18D3]	08.05-	114350	14	85	08.05-	111123	12	0.9
	[T18SED]	08.05-	114412	14	85				
		03.05-	114350	14	85	03.05-	111848	12	1.0
Orlando 1.8	[F18D4]					02.11-	114298	12	1.1
Orlando 1.8 BiFuel LPG	[2H0]	06.11-	114779*	14	100	06.11-	114298	12	1.1
Rezzo/Tacuma 1.6	[A16DMS]	03.05-	113350	14	85	03.05-	111123	12	0.9
						03.05-	112431	12	1.1
Rezzo/Tacuma 2.0	[T20SED]	03.05-	113498	14	80	03.05-	111848	12	1.0
S10 2.2	[L43]	01.94- 01.97	112614	14	105				
S10 4.3 4x4	[L35]	01.94- 01.95	112613	14	105				
		01.98- 01.00	112665	14	100				
Spark 1.0 SX	[B10S1]	05.05-	114114	14	65	05.05-	113860	12	0.8
Spark 1.0 BiFuel LPG	[B10D1]					03.10-	113860	12	0.8
Spark 1.2 BiFuel LPG	[B12D1]					03.10-	113860	12	0.8
Various Models						01.80- 01.90	110216	12	1.4
						01.63- 01.77	112897	12	1.7
						S10/T-10 Pickup 2.2 01.96- 12.98	112900	12	1.4
						Trailblazer 01.02- 12.02	112905	12	1.6
						Lumina 3.1, 3.4 01.90- 12.98	112911	12	1.6
						Express Vans 4.3, 5.0 01.97- 12.99	112912	12	1.6
<b>PASSENGER CARS US</b>									
1500 5.3 Suburban		01.00- 01.03	112853	14	130	01.00- 01.03	112902	12	1.2
1500 5.3 Suburban		01.02- 01.03	112853	14	130	01.02- 01.03	112902	12	1.2
		01.02- 01.02	112850	14	105				
2500 5.3 Suburban		01.00- 01.00	112853	14	130	01.00- 01.00	112902	12	1.2
2500 6.0 Suburban		01.00- 01.03	112853	14	130	01.01- 01.03	112906	12	1.7
		01.00- 01.02	112850	14	105	01.00- 01.00	112898	12	1.6
2500 6.0 Suburban LS		01.05-	112853	14	130				
2500 6.0 Suburban LT		01.05-	112853	14	130				
2500 8.1 Suburban		01.01- 01.03	112853	14	130	01.01- 01.02	112240	12	1.7
2500 8.1 Suburban LS		01.05-	112853	14	130				
2500 8.1 Suburban LT		01.05-	112853	14	130				
Astre 2.5		01.88- 01.92	110500	14	100/105	01.85- 01.90	110221	12	1.2
		01.85- 01.90	110505	14	75				
		01.85- 01.90	110471	14	94				
Astre 4.3		01.00- 12.00	112665	14	100	01.99- 01.05	112241	12	1.5
		01.87- 01.89	112337	14	105	01.97- 01.05	112240	12	1.7
		01.90- 01.98	111711	14	105	01.92- 01.98	111034	12	1.2
		01.93- 01.96	112639	14	100/105	01.85- 01.94	110216	12	1.4
		01.92- 01.95	111223	14	105				
		01.87- 01.88	110508	14	78				
		01.85-	110471	14	94				
		01.85-	110233	14	63				
		01.85-	110505	14	75				
Avalanche 5.3 1500		01.02- 01.03	112853	14	130	01.02- 01.03	112902	12	1.2
		01.02- 01.02	112850	14	105				
Avalanche 8.1 2500		01.02- 01.03	112853	14	130				
		01.02- 01.02	112850	14	105	01.02- 01.02	112240	12	1.7
Avalanche 8.1 2500 LS		01.05-	112853	14	130				
Avalanche 8.1 2500 LT		01.05-	112853	14	130				
Aveo 1.6 Special Value		01.05-	114412	14	85				
Bel Air 3.8		01.63- 01.65	110075	14	60				
Bel Air 3.9		01.55- 01.56	110505	14	75				
Bel Air 4.1		01.72- 01.73	110233	14	63				
		01.72- 01.73	110505	14	75				
		01.65- 01.71	110075	14	60				
Bel Air 4.3						01.55- 01.57	111258	12	
Bel Air 4.4		01.81- 01.81	110235	14	80	01.81- 01.81	110414	12	
		01.81- 01.81	110505	14	75				
Bel Air 4.6		01.63- 01.67	110075	14	60	01.57- 01.57	111258	12	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



**CHEVROLET** *Continued*

Bel Air 5.0	01.68-	110075	14 60	01.68-	111258	12
	01.93- 01.96	112639	14 100/105			
	01.81- 01.81	110235	14 80	01.81- 01.81	110414	12
	01.81- 01.81	110505	14 75			
	01.83- 01.87	110508	14 78			
	01.85- 01.86	110492	14 108			
	01.86- 01.87	110471	14 94			
Bel Air 5.4	01.63- 01.67	110075	14 60	01.63- 01.67	111258	12
Bel Air 5.7	01.72- 01.75	110505	14 75	01.72- 01.75	110216	12 1.4
	01.72- 01.75	110233	14 63	01.69- 01.75	111258	12
	01.69- 01.71	110075	14 60			
Bel Air 6.5	01.66- 01.69	110075	14 60	01.66- 01.69	111277	12
Bel Air 6.6	01.72- 01.74	110233	14 63	01.70- 01.75	110216	12 1.4
	01.72- 01.75	110505	14 75	01.70- 01.75	111258	12
	01.70- 01.71	110075	14 60			
	01.63- 01.65	110075	14 60			
Bel Air 6.7	01.63- 01.65	110075	14 60	01.62- 01.65	111277	12
Bel Air 7.0	01.66- 01.69	110075	14 60	01.66- 01.69	111277	12
Bel Air 7.4	01.72- 01.75	110505	14 75	01.70- 01.75	110216	12 1.4
	01.93- 01.96	112639	14 100/105	01.70- 01.75	111258	12
	01.72-	110233	14 63			
	01.70- 01.71	110075	14 60			
Beretta 2.0	01.87- 01.89	110503	14 100/105	01.87- 01.89	112911	12 1.6
Beretta 2.2	01.93- 01.95	110500	14 100/105	01.90- 01.95	112911	12 1.6
	01.90- 01.91	110503	14 100/105			
	01.93-	110500	14 100/105	01.92-	112911	12 1.6
Beretta 2.2 GT	01.92-	110503	14 100/105			
	01.87- 01.93	111388	14 100/105	01.87- 01.89	110221	12 1.2
Beretta 2.8				01.87- 01.89	112911	12 1.6
	01.89-	111388	14 100/105	01.89-	110221	12 1.2
				01.89-	112911	12 1.6
Beretta 2.8 GT	01.90- 01.93	111388	14 100/105	01.90- 01.95	112911	12 1.6
	01.90- 01.93	111388	14 100/105	01.90- 01.93	112911	12 1.6
	01.91- 01.93	111388	14 100/105	01.91- 01.93	112911	12 1.6
Beretta 3.1	01.90- 01.93	111388	14 100/105	01.94- 01.95	112911	12 1.6
Beretta 3.1 GT	01.90- 01.93	111388	14 100/105	01.90- 01.93	112911	12 1.6
Beretta 3.1 GTZ	01.91- 01.93	111388	14 100/105	01.91- 01.93	112911	12 1.6
Beretta 3.1 Z26				01.94- 01.95	112911	12 1.6
Biscayne 3.8	01.63- 01.65	110075	14 60			
Biscayne 4.1	01.72-	110233	14 63			
	01.72-	110505	14 75			
	01.65- 01.71	110075	14 60			
	01.63- 01.67	110075	14 60			
Biscayne 4.6	01.63- 01.67	110075	14 60			
Biscayne 5.0	01.68-	110075	14 60	01.68-	111258	12
	01.93- 01.96	112639	14 100/105			
Biscayne 5.4	01.63- 01.67	110075	14 60			
	01.63- 01.67	110075	14 60	01.63- 01.67	111258	12
Biscayne 5.7	01.72-	110233	14 63	01.72-	110216	12 1.4
	01.72-	110505	14 75	01.69- 01.71	111258	12
	01.93- 01.96	112639	14 100/105			
	01.69- 01.71	110075	14 60			
	01.66- 01.69	110075	14 60	01.66- 01.69	111277	12
Biscayne 6.5	01.72-	110233	14 63	01.70- 01.71	110216	12 1.4
	01.72-	110505	14 75	01.70- 01.71	111258	12
	01.70- 01.71	110075	14 60			
Biscayne 6.6	01.63- 01.65	110075	14 60			
Biscayne 6.7	01.66- 01.69	110075	14 60	01.62- 01.65	111277	12
Biscayne 7.0	01.66- 01.69	110075	14 60	01.66- 01.69	111277	12
Biscayne 7.4	01.70- 01.70	110075	14 60	01.70- 01.70	110216	12 1.4
	01.93- 01.96	112639	14 100/105	01.70- 01.70	111258	12
	01.72-	110233	14 63			
	01.72-	110505	14 75			
Blazer 4.1	01.69- 01.71	110075	14 60			
	01.72- 01.82	110505	14 75	01.73- 01.82	110216	12 1.4
	01.72-	110233	14 63			
Blazer 4.3	01.98- 01.02	112665	14 100	01.99- 01.02	112241	12 1.5
	01.95-	112613	14 105	01.94- 01.00	112240	12 1.7
	01.95- 01.96	112639	14 100/105	01.95-	111034	12 1.2
Blazer 4.3 Trailblazer	01.99- 01.00	112665	14 100	01.99- 01.01	112241	12 1.5
Blazer 4.8	01.73-	110505	14 75	01.73-	110216	12 1.4
	01.70-	110075	14 60			
Blazer 5.0	01.69- 01.71	110075	14 60	01.69- 01.71	111277	12
	01.72- 01.87	110505	14 75			
	01.83- 01.87	110471	14 94	01.77- 01.87	110216	12 1.4
	01.87- 01.87	112640	14 100/105			
	01.87- 01.87	110500	14 100/105			
	01.72- 01.72	110233	14 63			
	01.93- 01.96	112639	14 100/105			
	01.80- 01.81	110234#	14 80			
	01.93- 01.94	112639	14 100/105			
Blazer 5.7	01.87- 01.94	110500	14 100/105	01.73- 01.94	110216	12 1.4
	01.87- 01.94	112338	14 105	01.69- 01.72	111258	12
	01.73- 01.86	110505	14 75			
	01.69- 01.72	110075	14 60			
	01.87- 01.93	112337	14 105			
Blazer 6.2	01.82- 01.91	110505	14 75			
	01.82- 01.91	110233	14 63			
	01.75- 01.79	110505	14 75	01.75- 01.79	110216	12 1.4
Blazer 6.6	01.92- 01.95	112337	14 105			
	01.73- 01.78	110505	14 75	01.73- 01.78	110216	12 1.4
Blazer 7.4	01.93- 01.96	112639	14 100/105			
	01.69-	110075	14 60			
Brookwood 4.1	01.69-	110075	14 60			



Brookwood 5.7	01.72-	110233	14	63		01.69- 01.71	111258	12
	01.72-	110505	14	75				
	01.93- 01.96	112639	14	100/105				
	01.69- 01.71	110075	14	60				
Brookwood 6.6	01.72-	110233	14	63		01.70-	110216	12 1.4
	01.72-	110505	14	75		01.70-	111258	12
	01.70-	110075	14	60				
C10 3.8	01.63- 01.66	110075	14	60				
C10 4.1	01.66- 01.70	110075	14	60				
	01.72- 01.72	110233	14	63		01.73- 01.84	110216	12 1.4
	01.72- 01.84	110505	14	75				
C10 4.1 Big Ten	01.77- 01.80	110505	14	75		01.77- 01.80	110216	12 1.4
C10 4.1 Suburban	01.68- 01.71	110075	14	60				
	01.72- 01.72	110233	14	63		01.73- 01.80	110216	12 1.4
	01.72- 01.80	110505	14	75				
	01.80- 01.80	110234#	14	80				
C10 4.3	01.85- 01.86	110233	14	63		01.85- 01.86	110216	12 1.4
	01.85- 01.86	110505	14	75				
C10 4.6	01.63- 01.67	110075	14	60				
C10 4.8						01.63- 01.67	111277	12
	01.63- 01.71	110075	14	60		01.73- 01.80	110216	12 1.4
	01.73- 01.80	110505	14	75				
C10 4.8 Big Ten	01.78- 01.80	110505	14	75		01.78- 01.80	110216	12 1.4
C10 4.8 Suburban	01.73- 01.74	110505	14	75		01.73- 01.74	110216	12 1.4
	01.68- 01.71	110075	14	60				
	01.74-	110505	14	75		01.74-	110216	12 1.4
C10 4.8 Suburban	01.74- 01.74	110505	14	75		01.74- 01.74	110216	12 1.4
C10 5.0	01.72- 01.86	110505	14	75				
	01.85- 01.86	110471	14	94		01.76- 01.86	110216	12 1.4
	01.80- 01.81	110234#	14	80		01.85- 01.86	111034	12 1.2
	01.93- 01.96	112639	14	100/105		01.68- 01.69	111277	12
	01.72-	110233	14	63				
C10 5.0 Big Ten	01.68- 01.69	110075	14	60				
	01.77- 01.79	110505	14	75		01.77- 01.79	110216	12 1.4
	01.80-	110234#	14	80				
	01.93- 01.96	112639	14	100/105				
C10 5.0 Suburban	01.72- 01.86	110505	14	75		01.85- 01.86	111034	12 1.2
	01.83- 01.86	110471	14	94		01.76- 01.86	110216	12 1.4
	01.80- 01.81	110234#	14	80				
	01.72- 01.72	110233	14	63		01.68- 01.71	111277	12
	01.68- 01.71	110075	14	60				
C10 5.4	01.62- 01.67	110075	14	60				
C10 5.4 Suburban						01.62- 01.67	111258	12
	01.68- 01.68	110075	14	60		01.68- 01.68	111258	12
C10 5.7	01.72- 01.72	110233	14	63		01.72- 01.86	110216	12 1.4
	01.87- 01.89	112629	14	100/105		01.72- 01.72	111258	12
	01.72- 01.86	110505	14	75				
	01.80- 01.86	110234#	14	80				
	01.93- 01.96	112639	14	100/105				
	01.69- 01.71	110075	14	60				
	01.87- 01.89	112629	14	100/105		01.77- 01.80	110216	12 1.4
C10 5.7 Big Ten	01.77- 01.80	110505	14	75				
	01.80-	110234#	14	80				
	01.93- 01.96	112639	14	100/105				
	01.72- 01.86	110505	14	75		01.72- 01.86	110216	12 1.4
C10 5.7 Suburban	01.87- 01.89	112629	14	100/105		01.72- 01.72	111258	12
	01.80- 01.86	110234#	14	80				
	01.72- 01.72	110233	14	63				
	01.69- 01.71	110075	14	60				
C10 5.7	01.87- 01.89	112629	14	100/105				
	01.78- 01.81	110505	14	75				
C10 5.7 Big Ten	01.78- 01.79	110505	14	75				
	01.87- 01.89	112629	14	100/105				
C10 5.7 Suburban	01.78- 01.81	110505	14	75				
	01.87- 01.89	112629	14	100/105				
C10 5.7	01.87- 01.89	112629	14	100/105		01.74-	110216	12 1.4
	01.74-	110505	14	75				
	01.93- 01.96	112639	14	100/105				
C10 5.7 Suburban	01.74- 01.74	110505	14	75		01.74- 01.74	110216	12 1.4
	01.87- 01.89	112629	14	100/105				
C10 6.2	01.82- 01.86	110233	14	63				
	01.82- 01.86	110505	14	75				
	01.82- 01.86	110233	14	63				
C10 6.2 Suburban	01.84- 01.84	110471	14	94				
	01.84- 01.84	110492	14	108				
	01.82- 01.86	110505	14	75				
	01.68- 01.69	110075	14	60				
C10 6.5	01.68- 01.69	110075	14	60				
C10 6.5 Suburban	01.68- 01.69	110075	14	60				
C10 6.6	01.76- 01.79	110505	14	75		01.76- 01.79	110216	12 1.4
	01.80-	110234#	14	80				
	01.70- 01.72	110075	14	60				
C10 6.6 Big Ten	01.80-	110505	14	75		01.80-	110216	12 1.4
	01.80-	110234#	14	80				
C10 6.6 Suburban	01.72- 01.72	110233	14	63		01.71- 01.72	111277	12
	01.72- 01.72	110505	14	75				
	01.70- 01.71	110075	14	60				
C10 7.4	01.73- 01.80	110505	14	75		01.73- 01.80	110216	12 1.4
	01.80-	110234#	14	80				
	01.93- 01.96	112639	14	100/105				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

**CHEVROLET** *Continued*

C10 7.4 Big Ten	01.80-	110234#	14 80	01.77- 01.79	110216	12 1.4
	01.77- 01.79	110505	14 75			
	01.93- 01.96	112639	14 100/105			
C10 7.4 Suburban	01.73- 01.80	110505	14 75	01.73- 01.80	110216	12 1.4
	01.80- 01.80	110234#	14 80			
C1500 4.3	01.88- 01.95	110500	14 100/105	01.88- 01.98	111034	12 1.2
	01.90- 01.95	112338	14 105			
	01.88- 01.89	112640	14 100/105			
C1500 5.0	01.96- 01.99	112893	14 140	01.96- 01.99	111034	12 1.2
	01.88- 01.95	110500	14 100/105	01.88- 01.95	110216	12 1.4
	01.88- 01.95	112640	14 100/105			
C1500 5.7	01.93- 01.95	112639	14 100/105			
	01.87- 01.89	112629	14 100/105	01.96- 01.99	112912	12 1.6
	01.96- 01.99	112893	14 140	01.88- 01.95	110216	12 1.4
	01.93- 01.96	112639	14 100/105			
	01.88- 01.95	112640	14 100/105			
C1500 5.7 Suburban	01.88- 01.95	110500	14 100/105			
	01.96- 01.99	112893	14 140	01.96- 01.99	112240	12 1.7
	01.87- 01.89	112629	14 100/105	01.92- 01.95	110216	12 1.4
	01.93- 01.96	112639	14 100/105			
C1500 6.2	01.92- 01.95	110500	14 100/105			
	01.92- 01.95	112338	14 105			
	01.88- 01.93	112640	14 100/105			
C1500 6.5	01.88- 01.93	110500	14 100/105			
	01.94- 01.95	112639	14 100/105	01.94- 01.95	112341	12 2.5
C1500 6.5 Turbo	01.94- 01.95	112639	14 100/105			
	01.97- 01.98	112893	14 140	01.94- 01.98	112341	12 2.5
	01.94- 01.98	110500	14 100/105			
C1500 6.5 Turbo Suburban	01.94- 01.96	112639	14 100/105			
	01.94- 01.99	110500	14 100/105	01.94- 01.99	112341	12 2.5
C1500 7.4	01.94- 01.96	112639	14 100/105			
	01.90- 01.93	110984	14 100/105	01.90- 01.93	110216	12 1.4
C20 3.8	01.93- 01.93	112639	14 100/105			
	01.63- 01.65	110075	14 60			
C20 4.1	01.66- 01.71	110075	14 60			
	01.72- 01.72	110233	14 63	01.73- 01.84	110216	12 1.4
	01.72- 01.84	110505	14 75			
C20 4.1 Suburban	01.68- 01.71	110075	14 60			
	01.72- 01.72	110233	14 63	01.73- 01.74	110216	12 1.4
	01.72- 01.74	110505	14 75			
C20 4.3	01.85- 01.86	110233	14 63	01.85- 01.86	110216	12 1.4
	01.85- 01.86	110505	14 75			
C20 4.6	01.63- 01.67	110075	14 60	01.63- 01.67	111277	12
	01.63- 01.72	110075	14 60	01.73- 01.86	110216	12 1.4
C20 4.8	01.73- 01.86	110505	14 75			
	01.73- 01.86	110505	14 75			
C20 4.8 Suburban	01.73- 01.86	110505	14 75	01.73- 01.86	110216	12 1.4
	01.80- 01.86	110234#	14 80			
	01.68- 01.72	110075	14 60			
C20 4.8	01.74-	110505	14 75	01.74-	110216	12 1.4
	01.74- 01.74	110505	14 75	01.74- 01.74	110216	12 1.4
C20 5.0	01.72- 01.86	110505	14 75	01.77- 01.86	110216	12 1.4
	01.85- 01.86	110471	14 94	01.85- 01.86	111034	12 1.2
	01.80-	110234#	14 80			
	01.93- 01.96	112639	14 100/105	01.68- 01.69	111277	12
	01.72-	110233	14 63			
	01.68- 01.69	110075	14 60			
C20 5.0 Suburban	01.72- 01.86	110505	14 75	01.76- 01.86	110216	12 1.4
	01.83- 01.86	110471	14 94	01.85- 01.86	111034	12 1.2
	01.80- 01.80	110234#	14 80			
	01.72- 01.72	110233	14 63	01.68- 01.71	111277	12
C20 5.4	01.68- 01.71	110075	14 60			
	01.62- 01.68	110075	14 60	01.62- 01.68	111258	12
C20 5.4 Suburban	01.68- 01.68	110075	14 60	01.68- 01.68	111258	12
	01.87- 01.89	112629	14 100/105	01.72- 01.86	110216	12 1.4
C20 5.7	01.64- 01.71	110075	14 60	01.72-	111258	12
	01.80- 01.86	110234#	14 80			
	01.72- 01.86	110505	14 75			
	01.93- 01.96	112639	14 100/105			
	01.72-	110233	14 63			
	01.72-	110233	14 63			
C20 5.7 Suburban	01.72- 01.86	110505	14 75	01.72- 01.86	110216	12 1.4
	01.84- 01.86	110471	14 94			
	01.87- 01.89	112629	14 100/105	01.72- 01.72	111258	12
	01.80- 01.86	110234#	14 80			
	01.72- 01.72	110233	14 63			
C20 5.7	01.69- 01.71	110075	14 60			
	01.87- 01.89	112629	14 100/105	01.74-	110216	12 1.4
	01.74-	110505	14 75			
C20 5.7 Suburban	01.93- 01.96	112639	14 100/105			
	01.74- 01.74	110505	14 75	01.74- 01.74	110216	12 1.4
C20 6.2	01.87- 01.89	112629	14 100/105			
	01.82- 01.86	110233	14 63			
C20 6.2 Suburban	01.82- 01.86	110505	14 75			
	01.82- 01.86	110233	14 63			
	01.84- 01.84	110471	14 94			
	01.84- 01.84	110492	14 108			
C20 6.5	01.82- 01.86	110505	14 75			
	01.68- 01.69	110075	14 60			
C20 6.5 Suburban	01.68- 01.69	110075	14 60			

**STARTERS & ALTERNATORS**

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C20 6.6	01.76- 01.79	110505	14	75	01.76- 01.79	110216	12	1.4
	01.80-	110234#	14	80				
	01.70- 01.71	110075	14	60				
C20 6.6 Suburban	01.72- 01.72	110233	14	63	01.71- 01.72	111277	12	
	01.72- 01.80	110505	14	75	01.76- 01.80	110216	12	1.4
	01.70- 01.71	110075	14	60				
	01.80- 01.80	110234#	14	80				
C20 6.7	01.64- 01.65	110075	14	60				
C20 7.4	01.73- 01.86	110505	14	75	01.73- 01.86	110216	12	1.4
	01.80- 01.86	110234#	14	80				
C20 7.4 Suburban	01.85- 01.86	110233	14	63	01.73- 01.86	110216	12	1.4
	01.85- 01.86	110471	14	94				
	01.73- 01.86	110505	14	75				
	01.80- 01.85	110234#	14	80				
C2500 4.3	01.88- 01.95	110500	14	100/105	01.88- 01.95	111034	12	1.2
	01.90- 01.95	112338	14	105				
	01.93- 01.95	112639	14	100/105				
	01.88- 01.89	112640	14	100/105				
C2500 5.0	01.96- 01.99	112893	14	140	01.97- 01.99	112912	12	1.6
	01.88- 01.95	110500	14	100/105	01.94- 01.95	111034	12	1.2
	01.94- 01.95	112639	14	100/105	01.88- 01.95	110216	12	1.4
	01.90- 01.93	112338	14	105				
	01.88- 01.89	112640	14	100/105				
C2500 5.7	01.87- 01.89	112629	14	100/105	01.96- 01.00	112912	12	1.6
	01.96- 01.00	112893	14	140	01.88- 01.95	110216	12	1.4
	01.93- 01.96	112639	14	100/105				
	01.88- 01.95	112640	14	100/105				
	01.88- 01.95	110500	14	100/105				
C2500 5.7 Suburban	01.96- 01.99	112893	14	140	01.96- 01.99	112240	12	1.7
	01.87- 01.89	112629	14	100/105	01.92- 01.95	110216	12	1.4
	01.93- 01.96	112639	14	100/105				
	01.92- 01.95	112338	14	105				
	01.92- 01.95	110500	14	100/105				
C2500 6.2	01.88- 01.93	110500	14	100/105	01.89- 01.93	112341	12	2.5
	01.88- 01.93	112640	14	100/105				
C2500 6.5	01.94- 01.95	110500	14	100/105	01.94- 01.95	112341	12	2.5
	01.94- 01.95	112639	14	100/105				
C2500 6.5 Turbo	01.92- 01.00	110500	14	100/105	01.92- 01.00	112341	12	2.5
	01.93- 01.96	112639	14	100/105				
	01.92- 01.00	112640	14	100/105				
C2500 6.5 Turbo Suburban	01.94- 01.99	110500	14	100/105	01.94- 01.99	112341	12	2.5
	01.94- 01.96	112639	14	100/105				
	01.96- 01.00	112893	14	140	01.94- 01.00	112240	12	1.7
	01.93- 01.96	112639	14	100/105	01.91- 01.95	110216	12	1.4
	01.94- 01.95	110500	14	100/105				
	01.91- 01.92	110984	14	100/105				
C2500 7.4 Suburban	01.96- 01.99	112893	14	140	01.94- 01.99	112240	12	1.7
	01.93- 01.96	112639	14	100/105	01.92- 01.95	110216	12	1.4
	01.94- 01.95	110500	14	100/105				
	01.92- 01.93	110984	14	100/105				
C30 3.8	01.64- 01.65	110075	14	60				
C30 4.1	01.66- 01.71	110075	14	60				
	01.72- 01.72	110233	14	63	01.73- 01.80	110216	12	1.4
	01.72- 01.80	110505	14	75				
C30 4.6	01.63- 01.67	110075	14	60	01.63- 01.67	111277	12	
C30 4.8	01.63- 01.72	110075	14	60	01.73- 01.86	110216	12	1.4
	01.73- 01.86	110505	14	75				
C30 4.8	01.74-	110505	14	75	01.74-	110216	12	1.4
C30 5.0	01.72- 01.79	110505	14	75	01.78- 01.79	110216	12	1.4
	01.86-	110508	14	78				
	01.86-	110471	14	94	01.68- 01.69	111277	12	
	01.93- 01.96	112639	14	100/105				
	01.72-	110233	14	63				
	01.68- 01.69	110075	14	60				
C30 5.4	01.62- 01.68	110075	14	60	01.62- 01.68	111258	12	
C30 5.7	01.83- 01.83	110471	14	94	01.72- 01.86	110216	12	1.4
	01.72- 01.86	110505	14	75				
	01.87- 01.89	112629	14	100/105	01.72-	111258	12	
	01.64- 01.71	110075	14	60				
	01.80- 01.86	110234#	14	80				
	01.72-	110233	14	63				
	01.93- 01.96	112639	14	100/105				
C30 5.7	01.78- 01.78	110505	14	75				
	01.87- 01.89	112629	14	100/105				
C30 5.7	01.87- 01.89	112629	14	100/105	01.74-	110216	12	1.4
	01.74-	110505	14	75				
	01.93- 01.96	112639	14	100/105				
C30 6.2	01.82- 01.86	110233	14	63				
	01.82- 01.86	110505	14	75				
C30 6.5	01.68- 01.69	110075	14	60				
C30 6.6	01.76- 01.79	110505	14	75	01.76- 01.79	110216	12	1.4
	01.70- 01.71	110075	14	60				
C30 6.7	01.64- 01.65	110075	14	60				
C30 7.4	01.73- 01.86	110505	14	75	01.73- 01.86	110216	12	1.4
	01.80- 01.86	110234#	14	80				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**CHEVROLET** *Continued*

C3500 5.7	01.87- 01.89	112629	14	100/105	01.96- 01.00	112912	12	1.6
	01.96- 01.00	112893	14	140	01.88- 01.95	110216	12	1.4
	01.93- 01.96	112639	14	100/105				
	01.88- 01.95	112640	14	100/105				
	01.88- 01.95	110500	14	100/105				
C3500 6.2	01.88- 01.93	112640	14	100/105				
	01.88- 01.93	110500	14	100/105				
C3500 6.5 Turbo	01.97- 01.98	112893	14	140	01.92- 01.00	112341	12	2.5
	01.92- 01.00	112640	14	100/105				
	01.92- 01.00	110500	14	100/105				
C3500 6.5 Turbo HD Chassis Cab	01.93- 01.96	112639	14	100/105				
C3500 7.4	01.96- 01.00	112893	14	140	01.01- 01.01	112341	12	2.5
	01.93- 01.96	112639	14	100/105	01.94- 01.00	112240	12	1.7
	01.94- 01.95	110500	14	100/105	01.88- 01.95	110216	12	1.4
	01.88- 01.92	110984	14	100/105				
C3500 8.1 HD Chassis Cab	01.01- 01.02	112850	14	105	01.01- 01.01	112240	12	1.7
	01.01- 01.02	112853	14	130				
Camaro 2.5	01.82- 01.86	110235	14	80				
	01.82- 01.86	110505	14	75				
Camaro 2.8	01.85- 01.89	110492	14	108	01.82- 01.89	110221	12	1.2
	01.85- 01.89	110508	14	78	01.85- 01.89	111034	12	1.2
	01.85- 01.89	110471	14	94				
	01.82- 01.84	110235	14	80				
	01.82- 01.84	110505	14	75				
Camaro 3.1 RS					01.90- 01.92	111034	12	1.2
Camaro 3.4	01.93- 01.95	111854	14	105	01.93- 01.95	111034	12	1.2
Camaro 3.8	01.67- 01.69	110075	14	60	01.99- 01.01	112900	12	1.4
	01.95- 01.97	112615	14	105				
	01.80- 01.81	110505	14	75	01.95- 01.97	112898	12	1.6
	01.80- 01.81	110235	14	80	01.80- 01.81	110414	12	
Camaro 3.8 RS	01.80- 01.81	110233	14	63				
	01.96- 01.97	112615	14	105	01.96- 01.97	112898	12	1.6
Camaro 4.1	01.67- 01.71	110075	14	60				
	01.72- 01.79	110233	14	63				
	01.72- 01.79	110505	14	75				
Camaro 4.1 LT	01.77-	110505	14	75				
Camaro 4.4	01.80- 01.81	110505	14	75	01.80- 01.81	110414	12	
Camaro 5.0	01.67- 01.67	110075	14	60				
	01.90- 01.92	112629	14	100/105	01.84- 01.89	112910	12	
	01.88- 01.89	110985	14	100/105	01.85- 01.86	111034	12	1.2
	01.83- 01.87	110471	14	94	01.80- 01.84	110414	12	
	01.72- 01.87	110505	14	75	01.76- 01.78	110216	12	1.4
	01.85- 01.86	110508	14	78				
	01.85- 01.89	110492	14	108				
	01.93- 01.96	112639	14	100/105				
	01.81- 01.82	110235	14	80				
	01.72- 01.73	110233	14	63				
Camaro 5.0 Iroc-Z	01.90- 01.92	112629	14	100/105				
	01.90-	112640	14	100/105	01.90-	112910	12	
Camaro 5.0 LT	01.93- 01.96	112639	14	100/105				
	01.90- 01.92	112629	14	100/105	01.76-	110216	12	1.4
	01.76-	110505	14	75				
Camaro 5.0 RS	01.93- 01.96	112639	14	100/105				
	01.90- 01.92	112629	14	100/105				
Camaro 5.0 Z28	01.90- 01.92	112640	14	100/105	01.90- 01.92	112910	12	
Camaro 5.4	01.91- 01.92	112629	14	100/105				
Camaro 5.7	01.67- 01.67	110075	14	60				
	01.67- 01.71	110075	14	60	01.67- 01.81	111258	12	
	01.90- 01.92	112629	14	100/105				
	01.87- 01.89	110498	14	100/105	01.72- 01.81	110216	12	1.4
	01.72- 01.81	110505	14	75				
	01.93- 01.96	112639	14	100/105				
Camaro 5.7 Iroc-Z	01.72- 01.75	110233	14	63				
	01.90- 01.92	112629	14	100/105				
	01.90-	112640	14	100/105				
Camaro 5.7 LT	01.93- 01.96	112639	14	100/105				
	01.90- 01.92	112629	14	100/105	01.76- 01.77	110216	12	1.4
	01.76- 01.77	110505	14	75	01.76- 01.77	111258	12	
Camaro 5.7 SS	01.90- 01.92	112629	14	100/105	01.98- 01.02	112898	12	1.6
Camaro 5.7 Z28	01.72- 01.72	110233	14	63	01.72- 01.72	110216	12	1.4
	01.90- 01.92	112629	14	100/105	01.72- 01.72	111258	12	
	01.72- 01.72	110505	14	75	01.98- 01.02	112898	12	1.6
	01.94- 01.95	111854	14	105				
	01.93- 01.96	112639	14	100/105				
Camaro 6.5	01.91- 01.92	112640	14	100/105				
Camaro 6.6	01.67- 01.70	110075	14	60	01.67- 01.70	111277	12	
	01.72-	110233	14	63	01.70- 01.71	110216	12	1.4
Caprice 3.8	01.72-	110505	14	75	01.70- 01.71	111277	12	
	01.70- 01.71	110075	14	60				
	01.85-	110508	14	78				
	01.83- 01.84	110471	14	94	01.80- 01.84	110414	12	
	01.80- 01.84	110505	14	75				
Caprice 4.1	01.80- 01.84	110233	14	63				
	01.80- 01.84	110235	14	80				
	01.77- 01.79	110505	14	75				
	01.67- 01.69	110075	14	60				



Caprice 4.3	01.85- 01.90	110505	14	75				
	01.94- 01.96	112636	14	100/105				
	01.94- 01.96	111220	14	105				
	01.94- 01.96	112884	14	140				
	01.93- 01.96	112639	14	100/105				
	01.92-	112640	14	100/105				
	01.85- 01.90	110492	14	108				
	01.85- 01.90	110471	14	94				
Caprice 4.3 Classic Brougham	01.85- 01.90	110233	14	63				
	01.87- 01.88	110471	14	94				
	01.87- 01.88	110492	14	108				
Caprice 4.3 Classic LS	01.87- 01.88	110233	14	63				
	01.87- 01.88	110505	14	75				
	01.94-	112636	14	100/105				
Caprice 4.4	01.94-	112884	14	140				
	01.94-	111220	14	105				
	01.94- 01.96	112639	14	100/105				
Caprice 4.6	01.80- 01.82	110505	14	75	01.80- 01.82	110414	12	
	01.80- 01.82	110235	14	80				
Caprice 5.0	01.66- 01.67	110075	14	60				
Caprice 5.0 Classic Brougham	01.77- 01.88	110505	14	75				
	01.80- 01.88	110235	14	80	01.77- 01.88	110216	12	1.4
	01.79-	110234#	14	80	01.80- 01.88	110414	12	
	01.93- 01.96	112639	14	100/105	01.68-	111258	12	
	01.68-	110075	14	60				
	01.91- 01.93	112640	14	100/105				
	01.89- 01.90	110985	14	100/105				
	01.86- 01.90	110508	14	78				
	01.86- 01.90	110471	14	94				
	01.86- 01.88	110492	14	108				
Caprice 5.0 Classic LS	01.89- 01.90	110985	14	100/105				
	01.87- 01.88	110492	14	108				
	01.87- 01.88	110471	14	94				
Caprice 5.0 Classic LTZ	01.87- 01.88	110508	14	78				
	01.93-	112640	14	100/105				
	01.93-	110500	14	100/105				
Caprice 5.4	01.93- 01.96	112639	14	100/105				
	01.91- 01.92	112640	14	100/105				
Caprice 5.7	01.66- 01.67	110075	14	60	01.68-	111258	12	
	01.72- 01.82	110505	14	75	01.94-	112897	12	1.7
Caprice 5.7 Classic LTZ	01.93- 01.96	112639	14	100/105				
	01.72-	110233	14	63	01.72- 01.93	110216	12	1.4
	01.69- 01.71	110075	14	60	01.69- 01.82	111258	12	
	01.93- 01.96	112884	14	140				
	01.91-	110500	14	100/105				
	01.91- 01.93	112640	14	100/105				
	01.94- 01.96	111220	14	105				
	01.94- 01.96	112636	14	100/105				
	01.81- 01.88	110235	14	80				
	01.85- 01.88	110492	14	108				
	01.91- 01.93	112640	14	100/105	01.91- 01.93	110216	12	1.4
	01.93- 01.93	112639	14	100/105				
	Caprice 5.7 LS	01.94-	112636	14	100/105	01.94-	112897	12
01.94-		111220	14	105				
01.94-		112884	14	140				
Caprice 5.7	01.94- 01.96	112639	14	100/105				
	01.84- 01.85	110508	14	78				
	01.84- 01.85	110471	14	94				
	01.80- 01.83	110505	14	75				
Caprice 6.5	01.80- 01.83	110235	14	80				
	01.66- 01.69	110075	14	60	01.68- 01.69	111277	12	
Caprice 6.6	01.72- 01.76	110505	14	75	01.70- 01.76	111258	12	
	01.72-	110233	14	63	01.70- 01.76	110216	12	1.4
	01.70- 01.71	110075	14	60	01.71-	111277	12	
Caprice 7.0	01.66- 01.69	110075	14	60	01.68- 01.69	111277	12	
Caprice 7.4	01.72- 01.75	110505	14	75	01.70- 01.75	110216	12	1.4
	01.93- 01.96	112639	14	100/105	01.70- 01.75	111258	12	
	01.72-	110233	14	63				
	01.70- 01.71	110075	14	60				
Cavalier 2.0	01.70- 01.71	110075	14	60				
	01.83- 01.86	110492	14	108	01.87- 01.89	112911	12	1.6
	01.87- 01.89	111388	14	100/105				
Cavalier 2.0 CL	01.87- 01.89	110503	14	100/105				
	01.85-	110508	14	78				
	01.83-	110492	14	108				
Cavalier 2.0 CS	01.83- 01.86	110492	14	108	01.87-	112911	12	1.6
	01.87-	110503	14	100/105				
	01.85-	110508	14	78				
Cavalier 2.0 RS	01.87- 01.88	110503	14	100/105	01.87- 01.88	112911	12	1.6
	01.86-	110492	14	108				
Cavalier 2.0 Type-10	01.83- 01.85	110492	14	108	01.83- 01.85	112911	12	1.6
	01.85-	110508	14	78				
Cavalier 2.0 VL	01.88-	110503	14	100/105	01.88-	112911	12	1.6
Cavalier 2.2	01.02- 01.02	112899	12	1.4				
	01.98- 01.01	112900	12	1.4				
	01.90- 01.98	112911	12	1.6				
Cavalier 2.2 LS	01.95- 01.98	112911	12	1.6				
	01.98- 01.98	112900	12	1.4				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



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**CHEVROLET** *Continued*

Cavalier 2.2 RS					01.91- 01.98	112911	12	1.6
		01.91- 01.93	110503	14	100/105			
						01.98- 01.98	112900	12 1.4
Cavalier 2.2 VL					01.90- 01.93	112911	12	1.6
		01.90- 01.93	110503	14	100/105			
Cavalier 2.4						01.99- 01.02	112907#	12 1.7
Cavalier 2.8		01.87- 01.89	111388	14	100/105	01.85- 01.89	110221	12 1.2
		01.85- 01.89	110505	14	75	01.85- 01.89	112911	12 1.6
		01.85- 01.89	110471	14	94			
Cavalier 2.8 CS		01.85-	110508	14	78	01.85- 01.87	110221	12 1.2
		01.85- 01.87	110471	14	94	01.85- 01.87	112911	12 1.6
		01.85- 01.87	110505	14	75			
Cavalier 2.8 RS		01.86- 01.88	110505	14	75	01.86- 01.88	110221	12 1.2
		01.86- 01.88	110471	14	94	01.86- 01.88	112911	12 1.6
Cavalier 2.8 Type-10		01.85-	110505	14	75	01.85-	110221	12 1.2
		01.85-	110471	14	94	01.85-	112911	12 1.6
Cavalier 2.8 Z24		01.87- 01.89	111388	14	100/105	01.86- 01.89	110221	12 1.2
		01.86- 01.89	110505	14	75	01.86- 01.89	112911	12 1.6
		01.86- 01.89	110471	14	94			
Cavalier 3.1		01.90- 01.94	111388	14	100/105	01.90- 01.94	112911	12 1.6
Cavalier 3.1 RS		01.91- 01.94	111388	14	100/105	01.91- 01.94	112911	12 1.6
Cavalier 3.1 Z24		01.90- 01.94	111388	14	100/105	01.90- 01.94	112911	12 1.6
Celebrity 2.5		01.83- 01.90	110471	14	94			
		01.82- 01.90	110505	14	75			
		01.82- 01.90	110235	14	80			
		01.87- 01.90	110499	14	100/105			
Celebrity 2.8		01.84- 01.89	110492	14	108	01.82- 01.89	110221	12 1.2
		01.85- 01.89	110471	14	94	01.84- 01.89	112911	12 1.6
		01.84- 01.89	110508	14	78			
		01.82- 01.86	110235	14	80			
		01.82- 01.86	110505	14	75			
Celebrity 3.1		01.90-	111388	14	100/105	01.90-	112911	12 1.6
Celebrity 4.3		01.84- 01.85	110508	14	78			
		01.84- 01.85	110471	14	94			
		01.82- 01.85	110505	14	75			
		01.82- 01.85	110233	14	63			
		01.82- 01.83	110235	14	80			
Chevelle 1.4		01.76- 01.77	110492	14	108			
Chevelle 1.4 Scooter		01.76- 01.76	110492	14	108			
Chevelle 1.6		01.76- 01.84	110492	14	108			
Chevelle 1.6 CS		01.84- 01.87	110492	14	108			
Chevelle 1.6 Scooter		01.76- 01.83	110492	14	108			
Chevelle 3.2		01.64- 01.66	110075	14	60			
Chevelle 3.8		01.64- 01.67	110075	14	60			
Chevelle 3.8 300		01.68-	110075	14	60			
Chevelle 3.8 300 Deluxe		01.68-	110075	14	60			
Chevelle 3.8 Concours		01.68-	110075	14	60			
Chevelle 3.8 Greenbrier		01.69-	110075	14	60			
Chevelle 3.8 Malibu		01.68- 01.69	110075	14	60			
Chevelle 3.8 Nomad		01.68- 01.69	110075	14	60			
Chevelle 4.1		01.67- 01.71	110075	14	60			
		01.72-	110233	14	63			
		01.72-	110505	14	75			
Chevelle 4.1 300		01.68-	110075	14	60			
Chevelle 4.1 300 Deluxe		01.68-	110075	14	60			
Chevelle 4.1 Concours		01.68- 01.71	110075	14	60			
Chevelle 4.1 Deluxe		01.73-	110505	14	75			
Chevelle 4.1 Greenbrier		01.69- 01.71	110075	14	60			
Chevelle 4.1 Malibu		01.72-	110233	14	63			
		01.72- 01.72	110505	14	75			
		01.68- 01.71	110075	14	60			
Chevelle 4.1 Nomad		01.72-	110233	14	63			
		01.72- 01.72	110505	14	75			
		01.68- 01.71	110075	14	60			
Chevelle 4.6		01.64- 01.67	110075	14	60			
Chevelle 5.0		01.72-	110233	14	63			
		01.72- 01.72	110505	14	75			
		01.93- 01.96	112639	14	100/105			
		01.70-	110075	14	60			
Chevelle 5.0 300		01.68-	110075	14	60			
		01.93- 01.96	112639	14	100/105			
Chevelle 5.0 300 Deluxe		01.69-	110075	14	60			
		01.93- 01.96	112639	14	100/105			
Chevelle 5.0 Concours		01.72-	110233	14	63			
		01.72- 01.72	110505	14	75			
		01.93- 01.96	112639	14	100/105			
		01.69-	110075	14	60			
Chevelle 5.0 Deluxe		01.73-	110505	14	75			
		01.93- 01.96	112639	14	100/105			
Chevelle 5.0 Greenbrier		01.72-	110233	14	63			
		01.72- 01.72	110505	14	75			
		01.93- 01.96	112639	14	100/105			
		01.69-	110075	14	60			
Chevelle 5.0 Malibu		01.72-	110233	14	63			
		01.72- 01.72	110505	14	75			
		01.93- 01.96	112639	14	100/105			
		01.68-	110075	14	60			



Chevelle 5.0 Nomad	01.72-	110233	14	63			
	01.72- 01.72	110505	14	75			
	01.93- 01.96	112639	14	100/105			
	01.68-	110075	14	60			
Chevelle 5.4	01.64- 01.67	110075	14	60	01.64- 01.67	111258	12
Chevelle 5.4 300	01.68-	110075	14	60			
					01.68-	111258	12
Chevelle 5.4 Malibu	01.68-	110075	14	60	01.68-	111258	12
Chevelle 5.4 Nomad	01.68-	110075	14	60	01.68-	111258	12
Chevelle 5.7	01.72-	110233	14	63	01.70- 01.71	111258	12
	01.72- 01.72	110505	14	75	01.70- 01.71	110216	12 1.4
	01.93- 01.96	112639	14	100/105	01.70- 01.71	111277	12
	01.70- 01.71	110075	14	60			
Chevelle 5.7 300 Deluxe	01.69-	110075	14	60	01.69-	111258	12
	01.93- 01.96	112639	14	100/105			
Chevelle 5.7 Concours	01.72-	110233	14	63	01.72-	110216	12 1.4
	01.72- 01.72	110505	14	75	01.69- 01.71	111258	12
	01.93- 01.96	112639	14	100/105			
	01.69- 01.71	110075	14	60			
Chevelle 5.7 Deluxe	01.73-	110505	14	75	01.73-	111258	12
	01.93- 01.96	112639	14	100/105	01.73-	110216	12 1.4
Chevelle 5.7 Greenbrier	01.72-	110233	14	63	01.72-	110216	12 1.4
	01.72- 01.72	110505	14	75	01.69- 01.71	111258	12
	01.93- 01.96	112639	14	100/105	01.78- 01.78	110414	12
	01.69- 01.71	110075	14	60			
Chevelle 5.7 Malibu	01.72-	110233	14	63	01.72-	110216	12 1.4
	01.72- 01.72	110505	14	75	01.69- 01.71	111258	12
	01.93- 01.96	112639	14	100/105			
	01.69- 01.71	110075	14	60			
Chevelle 5.7 Nomad	01.72-	110233	14	63	01.69- 01.71	111258	12
	01.72- 01.72	110505	14	75	01.72-	110216	12 1.4
	01.93- 01.96	112639	14	100/105			
	01.69- 01.71	110075	14	60			
Chevelle 6.5	01.67- 01.67	110505	14	75	01.67- 01.67	111277	12
	01.67- 01.67	110235	14	80			
	01.67- 01.67	110075	14	60			
	01.68-	110075	14	60	01.68-	111277	12
Chevelle 6.5 300	01.69-	110075	14	60	01.69-	111277	12
Chevelle 6.5 300 Deluxe	01.69-	110075	14	60	01.69-	111277	12
Chevelle 6.5 Concours	01.69-	110075	14	60	01.69-	111277	12
Chevelle 6.5 Greenbrier	01.69-	110075	14	60	01.69-	111277	12
Chevelle 6.5 Malibu	01.68- 01.69	110075	14	60	01.68- 01.69	111277	12
Chevelle 6.5 Nomad	01.68- 01.69	110075	14	60	01.68- 01.69	111277	12
Chevelle 6.5 SS	01.66- 01.68	110075	14	60	01.66- 01.68	111277	12
Chevelle 6.6	01.72-	110233	14	63	01.70-	111277	12
	01.72- 01.72	110505	14	75	01.70-	110216	12 1.4
	01.70-	110075	14	60	01.70-	111258	12
	01.72-	110233	14	63	01.70-	110216	12 1.4
Chevelle 6.6 Concours	01.72- 01.72	110505	14	75	01.70-	111277	12
	01.70-	110075	14	60	01.70-	111258	12
	01.72-	110233	14	63	01.70-	111277	12
	01.72- 01.72	110505	14	75	01.70-	110216	12 1.4
Chevelle 6.6 Greenbrier	01.70-	110075	14	60	01.70-	111258	12
	01.72-	110233	14	63	01.70-	111277	12
	01.72- 01.72	110505	14	75	01.70-	110216	12 1.4
Chevelle 6.6 Malibu	01.70-	110075	14	60	01.70-	111258	12
	01.72-	110233	14	63	01.70- 01.71	110216	12 1.4
	01.72-	110505	14	75	01.70-	111277	12
	01.70- 01.71	110075	14	60	01.70- 01.71	111258	12
Chevelle 6.6 Nomad	01.72-	110233	14	63	01.70-	110216	12 1.4
	01.72- 01.72	110505	14	75	01.70-	111277	12
	01.70-	110075	14	60	01.70-	111258	12
Chevelle 6.6 SS	01.71- 01.71	110075	14	60			
Chevelle 7.4	01.72-	110233	14	63	01.72-	111277	12
	01.72- 01.72	110505	14	75	01.72-	110216	12 1.4
	01.93- 01.96	112639	14	100/105			
	01.73-	110505	14	75	01.73-	110216	12 1.4
Chevelle 7.4 Deluxe	01.93- 01.96	112639	14	100/105	01.73-	111277	12
	01.72-	110233	14	63	01.70- 01.71	110216	12 1.4
Chevelle 7.4 Malibu	01.72- 01.72	110505	14	75	01.70- 01.71	111277	12
	01.93- 01.96	112639	14	100/105			
	01.68- 01.71	110075	14	60			
	01.62- 01.67	110075	14	60			
Chevy 2.5	01.62- 01.67	110075	14	60			
Chevy 2.5 Nova	01.68-	110075	14	60			
Chevy 3.2	01.62- 01.67	110075	14	60			
Chevy 3.8	01.64- 01.66	110075	14	60			
Chevy 3.8 Nova	01.68- 01.69	110075	14	60			
Chevy 4.1	01.67- 01.67	110075	14	60			
Chevy 4.1 Nova	01.68- 01.69	110075	14	60			
Chevy 4.6	01.62- 01.67	110075	14	60			
Chevy 5.0 Nova	01.68-	110075	14	60			
	01.93- 01.96	112639	14	100/105			
Chevy 5.4	01.65- 01.67	110075	14	60			
Chevy 5.4 Nova	01.68-	110075	14	60			
Chevy 5.7 Nova	01.68-	110075	14	60			
	01.93- 01.96	112639	14	100/105	01.69-	111258	12
Chevy 6.5 Nova	01.68- 01.71	110075	14	60	01.68- 01.69	111277	12
Citation 2.5	01.80- 01.83	110505	14	75	01.80- 01.81	110221	12 1.2
	01.83-	110471	14	94			
	01.80- 01.83	110235	14	80			

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**CHEVROLET** *Continued*

Citation 2.8	01.83- 01.85	110508	14 78	01.80- 01.85	110221	12 1.2
	01.85-	110471	14 94	01.83- 01.84	112911	12 1.6
	01.80- 01.85	110505	14 75			
	01.80- 01.85	110235	14 80			
Corsica 2.0	01.87- 01.89	110503	14 100/105	01.87- 01.89	112911	12 1.6
Corsica 2.2	01.94- 01.95	110500	14 100/105	01.94- 01.95	112911	12 1.6
Corsica 2.2 LT	01.93-	110500	14 100/105	01.90- 01.91	112911	12 1.6
	01.90- 01.91	110503	14 100/105			
Corsica 2.8	01.87- 01.89	111388	14 100/105	01.87- 01.89	110221	12 1.2
				01.87- 01.89	112911	12 1.6
Corsica 2.8 LTZ	01.89-	111388	14 100/105	01.89-	110221	12 1.2
				01.89-	112911	12 1.6
Corsica 3.1				01.94- 01.95	112911	12 1.6
Corsica 3.1 LT	01.90- 01.93	111388	14 100/105	01.90- 01.93	112911	12 1.6
Corsica 3.1 LTZ	01.90-	111388	14 100/105	01.90-	112911	12 1.6
Corvaire 2.7	01.64- 01.67	110075	14 60			
Corvaire 2.7 500	01.68- 01.69	110075	14 60			
Corvaire 2.7 Monza	01.68- 01.69	110075	14 60			
Corvaire 2.7 Turbo	01.64- 01.66	110075	14 60			
Corvette 3.9	01.55- 01.55	110505	14 75			
Corvette 5.0	01.80-	110235	14 80	01.80-	110216	12 1.4
	01.80-	110233	14 63			
	01.80- 01.80	110505	14 75			
	01.93- 01.96	112639	14 100/105			
Corvette 5.4	01.63- 01.70	110075	14 60			
				01.63- 01.67	111258	12
Corvette 5.7	01.93- 01.96	112639	14 100/105	01.97- 01.03	112898	12 1.6
	01.88- 01.91	111090	14 105			
	01.84- 01.87	110492	14 108	01.72- 01.81	110216	12 1.4
	01.80- 01.81	110235	14 80	01.69- 01.81	111258	12
	01.69- 01.81	110233	14 63			
	01.69- 01.81	110505	14 75			
Corvette 5.7 Z06				01.01- 01.03	112898	12 1.6
Corvette 5.7 ZR-1	01.93- 01.95	112639	14 100/105			
Corvette 7.0	01.66- 01.67	110075	14 60	01.66- 01.69	111277	12
	01.68- 01.69	110505	14 75			
Corvette 7.4	01.70- 01.74	110233	14 63	01.70- 01.74	110216	12 1.4
	01.70- 01.74	110505	14 75	01.70- 01.74	111258	12
	01.93- 01.96	112639	14 100/105			
Del Ray 3.9				01.58- 01.58	111258	12
Del Ray 4.6				01.58- 01.58	111258	12
Del Ray 5.7				01.58- 01.58	111258	12
El Camino 3.3	01.78- 01.79	110233	14 63	01.78- 01.79	110414	12
	01.78- 01.79	110505	14 75			
El Camino 3.8	01.64- 01.69	110075	14 60			
	01.80- 01.84	110233	14 63	01.80- 01.82	110414	12
	01.80- 01.84	110235	14 80			
	01.78- 01.84	110505	14 75			
	01.80- 01.82	110234#	14 80			
El Camino 3.8 Custom	01.68- 01.69	110075	14 60			
El Camino 4.1	01.72- 01.77	110505	14 75			
	01.72- 01.77	110233	14 63	01.75- 01.77	110216	12 1.4
	01.68- 01.71	110075	14 60			
El Camino 4.1 Custom	01.72- 01.73	110505	14 75			
	01.72-	110233	14 63			
	01.68- 01.71	110075	14 60			
El Camino 4.3	01.85- 01.87	110471	14 94			
	01.85- 01.87	110233	14 63			
El Camino 4.4	01.79- 01.82	110234#	14 80	01.79- 01.82	110414	12
	01.79- 01.82	110505	14 75			
El Camino 4.6	01.64- 01.67	110075	14 60			
El Camino 5.0	01.72- 01.87	110505	14 75			
	01.68- 01.71	110075	14 60	01.79- 01.87	110414	12
	01.76- 01.87	110234#	14 80	01.76- 01.78	110216	12 1.4
	01.93- 01.96	112639	14 100/105			
	01.72-	110233	14 63			
El Camino 5.0 Custom	01.72- 01.72	110233	14 63			
	01.72- 01.72	110505	14 75			
	01.68- 01.70	110075	14 60			
	01.93- 01.96	112639	14 100/105			
El Camino 5.4	01.64- 01.67	110075	14 60	01.64- 01.67	111258	12
El Camino 5.4 Custom	01.68-	110075	14 60	01.68-	111258	12
El Camino 5.7	01.72- 01.79	110505	14 75	01.72- 01.79	110216	12 1.4
	01.93- 01.96	112639	14 100/105	01.69- 01.79	111258	12
	01.72- 01.75	110233	14 63			
	01.69- 01.71	110075	14 60			
El Camino 5.7 Custom	01.72- 01.76	110505	14 75	01.72- 01.76	110216	12 1.4
	01.72- 01.75	110233	14 63	01.69- 01.76	111258	12
	01.93- 01.96	112639	14 100/105			
	01.69- 01.71	110075	14 60			
El Camino 5.7	01.83-	110471	14 94			
	01.83-	110508	14 78			
	01.93- 01.96	112639	14 100/105			
	01.83-	110235	14 80			
	01.83-	110505	14 75			
El Camino 6.5	01.93- 01.96	112639	14 100/105			
	01.66- 01.67	110075	14 60			
El Camino 6.5 Custom	01.69-	110075	14 60			





El Camino 6.6	01.72- 01.76	110505	14	75	01.70- 01.76	110216	12	1.4
	01.72- 01.72	110233	14	63	01.70- 01.76	111258	12	
	01.70- 01.71	110075	14	60	01.71- 01.72	111277	12	
El Camino 6.6 Custom	01.72- 01.76	110505	14	75	01.70- 01.76	110216	12	1.4
	01.72-	110233	14	63	01.70- 01.76	111258	12	
	01.70-	110075	14	60	01.71-	111277	12	
El Camino 7.4	01.73- 01.74	110505	14	75	01.70- 01.74	110216	12	1.4
	01.70-	110075	14	60	01.70- 01.74	111258	12	
	01.93- 01.96	112639	14	100/105				
El Camino 7.4 Custom	01.72- 01.75	110505	14	75	01.70- 01.75	110216	12	1.4
	01.72-	110233	14	63	01.70- 01.75	111258	12	
	01.93- 01.96	112639	14	100/105				
Express 4.3 1500	01.01- 01.02	112853	14	130	01.99- 01.00	112912	12	1.6
	01.99- 01.00	112893	14	140	01.99- 01.02	112241	12	1.5
	01.01- 01.02	112853	14	130	01.99- 01.02	112241	12	1.5
Express 4.3 2500	01.99- 01.00	112893	14	140	01.99- 01.00	112912	12	1.6
	01.03-	112853	14	130				
Express 4.8 2500	01.02- 01.02	112853	14	130	01.99- 01.02	112240	12	1.7
	01.99- 01.01	112893	14	140				
Express 5.0 1500	01.02- 01.02	112853	14	130	01.99- 01.02	112240	12	1.7
	01.99- 01.01	112893	14	140				
Express 5.0 2500	01.02- 01.02	112853	14	130	01.99- 01.02	112240	12	1.7
	01.99- 01.01	112893	14	140				
Express 5.3 1500	01.03-	112853	14	130				
Express 5.3 2500	01.03-	112853	14	130				
Express 5.7 1500	01.02- 01.02	112853	14	130	01.99- 01.02	112240	12	1.7
	01.99- 01.01	112893	14	140				
Express 5.7 2500	01.02- 01.02	112853	14	130	01.99- 01.02	112240	12	1.7
	01.99- 01.01	112893	14	140				
Express 5.7 3500	01.02- 01.02	112853	14	130	01.99- 01.02	112240	12	1.7
	01.99- 01.01	112893	14	140				
Express 6.0 2500	01.03-	112853	14	130				
Express 6.0 3500	01.03-	112853	14	130				
Express 6.5 Turbo 2500	01.99- 01.02	112893	14	140	01.99- 01.02	112341	12	2.5
Express 6.5 Turbo 3500	01.99- 01.02	112893	14	140	01.99- 01.02	112341	12	2.5
Express 7.4 3500	01.99- 01.00	112893	14	140	01.99- 01.00	112240	12	1.7
Express 8.1 3500	01.01- 01.02	112853	14	130	01.01- 01.02	112240	12	1.7
G10 2.5	01.64- 01.65	110075	14	60				
G10 3.8	01.66- 01.67	110075	14	60				
G10 3.8 Sportvan	01.68- 01.69	110075	14	60				
G10 4.1	01.67- 01.71	110075	14	60				
	01.72- 01.72	110233	14	63	01.76- 01.84	110216	12	1.4
	01.72- 01.84	110505	14	75				
G10 4.1 Sportvan	01.68- 01.71	110075	14	60				
	01.72- 01.72	110233	14	63	01.76- 01.84	110216	12	1.4
	01.72- 01.84	110505	14	75				
G10 4.3	01.91-	112629	14	100/105	01.91- 01.97	111034	12	1.2
	01.96- 01.97	112893	14	140	01.85- 01.90	110216	12	1.4
	01.87- 01.95	112640	14	100/105				
	01.87- 01.95	110500	14	100/105				
	01.87- 01.90	110471	14	94				
	01.85- 01.90	110233	14	63				
G10 4.3 Express	01.85- 01.90	110505	14	75				
	01.96-	111712	14	105	01.96- 01.97	111034	12	1.2
	01.94- 01.96	112639	14	100/105				
	01.91-	112629	14	100/105				
G10 4.3 Sportvan	01.96- 01.97	112893	14	140				
	01.91-	112629	14	100/105	01.91- 01.93	111034	12	1.2
	01.87- 01.93	112640	14	100/105	01.85- 01.90	110216	12	1.4
	01.87- 01.93	110500	14	100/105				
	01.87- 01.90	110471	14	94				
	01.85- 01.90	110233	14	63				
G10 5.0	01.85- 01.90	110505	14	75				
	01.69- 01.69	110075	14	60	01.69- 01.69	111258	12	
	01.87- 01.95	110471	14	94	01.96- 01.97	111034	12	1.2
	01.87- 01.95	112640	14	100/105	01.70- 01.95	110216	12	1.4
	01.87- 01.95	110500	14	100/105				
	01.93- 01.96	112639	14	100/105				
G10 5.0 Express	01.72- 01.86	110505	14	75				
	01.72-	110233	14	63				
	01.96-	111712	14	105	01.96- 01.97	111034	12	1.2
	01.68- 01.71	110075	14	60	01.68- 01.71	111258	12	
G10 5.0 Sportvan	01.87- 01.93	110471	14	94	01.70- 01.93	110216	12	1.4
	01.87- 01.93	112640	14	100/105				
	01.87- 01.93	110500	14	100/105				
	01.72- 01.86	110505	14	75				
	01.93- 01.96	112639	14	100/105				
	01.72-	110233	14	63				
G10 5.7	01.94- 01.95	111711	14	105	01.72- 01.95	110216	12	1.4
	01.87- 01.91	112629	14	100/105	01.94- 01.97	112240	12	1.7
	01.93- 01.96	112639	14	100/105	01.70- 01.72	111258	12	
	01.72- 01.72	110233	14	63				
	01.72- 01.84	110505	14	75				
	01.70- 01.71	110075	14	60				
G10 5.7 Express	01.96- 01.97	112893	14	140				
	01.80-	110234#	14	80				
	01.87- 01.91	112629	14	100/105	01.96- 01.97	112240	12	1.7
	01.96- 01.97	112893	14	140				
	01.96- 12.96	112639	14	100/105				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

**CHEVROLET** *Continued*

G10 5.7 Sportvan	01.72- 01.72	110233	14 63	01.72- 01.93	110216	12 1.4
	01.87- 01.91	112629	14 100/105	01.70- 01.72	111258	12
	01.72- 01.86	110505	14 75			
	01.85- 01.86	110471	14 94			
	01.87- 01.93	110500	14 100/105			
	01.87- 01.93	112640	14 100/105			
	01.93- 01.96	112639	14 100/105			
	01.70- 01.71	110075	14 60			
G10 7.4	01.73- 01.74	110505	14 75	01.73- 01.74	110216	12 1.4
G1500 4.3	01.98- 01.98	112893	14 140	01.98- 01.98	112912	12 1.6
	01.91-	112629	14 100/105			
G1500 5.0	01.98- 01.98	112893	14 140	01.98- 01.98	112912	12 1.6
G1500 5.7	01.98- 01.98	112893	14 140	01.94- 01.98	112240	12 1.7
	01.87- 01.91	112629	14 100/105			
G20 3.8	01.67- 01.69	110075	14 60			
G20 3.8 Sportvan	01.68- 01.69	110075	14 60			
G20 4.1	01.68- 01.71	110075	14 60			
	01.72- 01.72	110233	14 63	01.77- 01.84	110216	12 1.4
	01.72- 01.84	110505	14 75			
G20 4.1 Sportvan	01.68- 01.71	110075	14 60			
	01.72- 01.72	110233	14 63	01.78- 01.84	110216	12 1.4
	01.72- 01.84	110505	14 75			
G20 4.3	01.91-	112629	14 100/105	01.91- 01.97	111034	12 1.2
	01.96- 01.97	112893	14 140	01.85- 01.90	110216	12 1.4
	01.87- 01.95	112640	14 100/105			
	01.87- 01.95	110500	14 100/105			
	01.93- 01.95	112639	14 100/105			
	01.85- 01.90	110233	14 63			
	01.87- 01.90	110471	14 94			
	01.85- 01.90	110505	14 75			
G20 4.3 Sportvan	01.91-	112629	14 100/105	01.91- 01.95	111034	12 1.2
	01.87- 01.95	112640	14 100/105	01.85- 01.90	110216	12 1.4
	01.87- 01.95	110500	14 100/105			
	01.93- 01.95	112639	14 100/105			
	01.87- 01.90	110471	14 94			
	01.85- 01.90	110233	14 63			
	01.85- 01.90	110505	14 75			
G20 4.8	01.73- 01.80	110505	14 75	01.73- 01.80	110216	12 1.4
G20 4.8 Sportvan	01.75- 01.78	110505	14 75	01.75- 01.78	110216	12 1.4
G20 4.8	01.74- 01.74	110505	14 75	01.74- 01.74	110216	12 1.4
G20 5.0	01.96- 01.97	112893	14 140	01.97- 01.97	112912	12 1.6
	01.68- 01.69	110075	14 60	01.96- 01.96	111034	12 1.2
	01.87- 01.95	112640	14 100/105	01.68- 01.69	111258	12
	01.87- 01.95	110500	14 100/105	01.77- 01.95	110216	12 1.4
	01.93- 01.96	112639	14 100/105			
	01.77- 01.86	110505	14 75			
G20 5.0 Express	01.96- 01.97	112893	14 140	01.96- 01.97	111034	12 1.2
G20 5.0 Sportvan	01.68- 01.69	110075	14 60	01.68- 01.69	111258	12
	01.87- 01.95	110500	14 100/105	01.77- 01.95	110216	12 1.4
	01.87- 01.95	112640	14 100/105			
	01.93- 01.96	112639	14 100/105			
	01.77- 01.86	110505	14 75			
	01.83- 01.86	110471	14 94			
G20 5.7	01.72- 01.72	110233	14 63	01.72- 01.95	110216	12 1.4
	01.87- 01.91	112629	14 100/105	01.70- 01.72	111258	12
	01.72- 01.86	110505	14 75	01.96- 01.97	112240	12 1.7
	01.96- 01.97	112893	14 140			
	01.93- 01.96	112639	14 100/105			
	01.87- 01.95	110500	14 100/105			
	01.87- 01.95	112640	14 100/105			
	01.70- 01.71	110075	14 60			
G20 5.7 Express	01.87- 01.91	112629	14 100/105	01.96- 01.97	112240	12 1.7
	01.96- 01.97	112893	14 140			
	01.96- 01.96	112639	14 100/105			
G20 5.7 Sportvan	01.72- 01.72	110233	14 63	01.72- 01.95	110216	12 1.4
	01.87- 01.91	112629	14 100/105	01.70- 01.72	111258	12
	01.72- 01.86	110505	14 75			
	01.87- 01.95	112640	14 100/105			
	01.87- 01.95	110500	14 100/105			
	01.93- 01.96	112639	14 100/105			
	01.84- 01.86	112448	14 100			
	01.84- 01.86	110499	14 100/105			
	01.84- 01.86	110508	14 78			
	01.70- 01.71	110075	14 60			
G20 5.7	01.87- 01.91	112629	14 100/105			
	01.93- 01.96	112639	14 100/105			
	01.74-	110505	14 75			
G20 6.2	01.83- 01.93	110233	14 63			
	01.83- 01.93	110505	14 75			
G20 6.2 Sportvan	01.83- 01.93	110233	14 63			
	01.83- 01.93	110505	14 75			
G20 6.5	01.94- 01.95	110500	14 100/105	01.94- 01.95	112341	12 2.5
	01.94- 01.95	112639	14 100/105			
G20 6.5 Sportvan	01.94- 01.95	110500	14 100/105	01.94- 01.95	112341	12 2.5
	01.94- 01.95	112639	14 100/105			
G20 6.5 Turbo	01.96- 01.97	112893	14 140	01.96- 01.97	112341	12 2.5
	01.96- 01.96	112639	14 100/105			
G20 6.5 Turbo Express	01.97-	112893	14 140	01.97-	112341	12 2.5
G20 6.6	01.75- 01.80	110505	14 75	01.75- 01.80	110216	12 1.4



G20 6.6 Sportvan	01.75- 01.80	110505	14	75	01.75- 01.80	110216	12	1.4
G20 7.4	01.73- 01.74	110505	14	75	01.73- 01.74	110216	12	1.4
	01.93- 01.96	112639	14	100/105				
G2500 4.3	01.98- 01.98	112893	14	140	01.98- 01.98	112912	12	1.6
	01.91-	112629	14	100/105				
G2500 5.0	01.98- 01.98	112893	14	140	01.98- 01.98	112912	12	1.6
G2500 5.7	01.98- 01.98	112893	14	140	01.98- 01.98	112240	12	1.7
	01.87- 01.91	112629	14	100/105				
G2500 6.5 Turbo	01.98- 01.98	112893	14	140	01.98- 01.98	112341	12	2.5
G30 4.1	01.72- 01.84	110505	14	75				
	01.71- 01.71	110075	14	60	01.76- 01.84	110216	12	1.4
	01.72- 01.72	110233	14	63				
G30 4.1 Sportvan	01.72- 01.74	110505	14	75				
	01.71- 01.71	110075	14	60				
	01.72- 01.72	110233	14	63				
G30 4.3	01.91-	112629	14	100/105	01.91- 01.95	111034	12	1.2
	01.96-	111711	14	105	01.85- 01.90	110216	12	1.4
	01.87- 01.95	112640	14	100/105				
	01.87- 01.95	110500	14	100/105				
	01.93- 01.95	112639	14	100/105				
	01.85- 01.90	110233	14	63				
	01.87- 01.90	110471	14	94				
	01.85- 01.90	110505	14	75				
G30 4.8	01.74- 01.79	110505	14	75	01.74- 01.79	110216	12	1.4
G30 4.8 Sportvan	01.75- 01.78	110505	14	75	01.75- 01.78	110216	12	1.4
G30 4.8	01.74- 01.74	110505	14	75	01.74- 01.74	110216	12	1.4
G30 5.0	01.78- 01.85	110505	14	75	01.78- 01.85	110216	12	1.4
	01.93- 01.96	112639	14	100/105				
G30 5.7	01.87- 01.91	112629	14	100/105	01.71- 01.72	111258	12	
	01.72- 01.88	110505	14	75	01.72- 01.96	110216	12	1.4
	01.72- 01.72	110233	14	63	01.96- 01.97	112240	12	1.7
	01.93- 01.96	112639	14	100/105				
	01.71- 01.71	110075	14	60				
	01.96- 01.97	112893	14	140				
	01.87- 01.96	112640	14	100/105				
	01.87- 01.96	110500	14	100/105				
G30 5.7 Express	01.87- 01.91	112629	14	100/105	01.96- 01.97	112240	12	1.7
	01.96- 01.97	112893	14	140				
	01.96- 01.96	112639	14	100/105				
G30 5.7 Sportvan	01.81- 01.91	112629	14	100/105	01.72- 01.96	110216	12	1.4
	01.72- 01.86	110505	14	75	01.71- 01.72	111258	12	
	01.72- 01.72	110233	14	63				
	01.93- 01.96	112639	14	100/105				
	01.71-	110075	14	60				
	01.87- 01.96	112640	14	100/105				
	01.87- 01.96	110500	14	100/105				
G30 6.2	01.92- 01.92	110984	14	100/105	01.92- 01.92	112341	12	2.5
	01.83- 01.93	110233	14	63				
	01.83- 01.93	110505	14	75				
G30 6.2 Sportvan	01.83- 01.93	110233	14	63				
	01.83- 01.93	110505	14	75				
G30 6.5	01.94- 01.95	110500	14	100/105	01.94- 01.95	112341	12	2.5
	01.94- 01.96	112639	14	100/105				
G30 6.5 Sportvan	01.94- 01.95	110500	14	100/105	01.94- 01.95	112341	12	2.5
	01.94- 01.96	112639	14	100/105				
G30 6.5 Turbo	01.96- 01.97	112893	14	140	01.96- 01.97	112341	12	2.5
	01.96- 01.96	112639	14	100/105				
G30 6.5 Turbo Express	01.96- 01.97	112893	14	140	01.96- 01.97	112341	12	2.5
	01.96- 01.96	112639	14	100/105				
G30 6.6	01.75- 01.80	110505	14	75	01.75- 01.80	110216	12	1.4
G30 6.6 Sportvan	01.75- 01.80	110505	14	75	01.75- 01.80	110216	12	1.4
G30 7.4	01.73- 01.75	110505	14	75	01.96-	112240	12	1.7
	01.97-	112893	14	140	01.73- 01.95	110216	12	1.4
	01.96-	111711	14	105				
	01.93- 01.96	112639	14	100/105				
	01.88- 01.95	110984	14	100/105				
G30 7.4 Express	01.96- 01.97	112893	14	140	01.96- 01.97	112240	12	1.7
	01.96- 01.96	112639	14	100/105				
G30 7.4 Sportvan	01.96-	111711	14	105	01.96-	112240	12	1.7
	01.93- 01.96	112639	14	100/105	01.88- 01.95	110216	12	1.4
	01.88- 01.95	110984	14	100/105				
G3500 5.7	01.98- 01.98	112893	14	140	01.96- 01.98	112240	12	1.7
	01.87- 01.91	112629	14	100/105				
G3500 6.5 Turbo	01.98- 01.98	112893	14	140	01.98- 01.98	112341	12	2.5
G3500 7.4	01.98- 01.98	112893	14	140	01.98- 01.98	112240	12	1.7
Impala 3.4					01.00- 01.00	112900	12	1.4
Impala 3.8	01.63- 01.65	110075	14	60	01.00- 01.02	112900	12	1.4
	01.80- 01.84	110505	14	75				
	01.85-	110508	14	78	01.80- 01.84	110414	12	
	01.83- 01.84	110471	14	94				
	01.80- 01.84	110233	14	63				
	01.80- 01.84	110235	14	80				
Impala 4.1	01.65- 01.71	110075	14	60				
	01.72- 01.79	110233	14	63				
	01.72- 01.79	110505	14	75				
Impala 4.1 Custom	01.77-	110505	14	75				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



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**CHEVROLET** *Continued*

Impala 4.3	01.85- 01.85	110505	14 75		
	01.93- 01.96	112639	14 100/105		
	01.85-	110233	14 63		
	01.85-	110471	14 94		
	01.85-	110492	14 108		
Impala 4.4	01.80- 01.82	110505	14 75	01.80- 01.82	110414 12
	01.80- 01.82	110235	14 80		
Impala 4.6	01.63- 01.67	110075	14 60		
Impala 5.0	01.77- 01.85	110505	14 75	01.77- 01.85	110216 12 1.4
	01.80- 01.85	110235	14 80	01.80- 01.85	110414 12
	01.79-	110234#	14 80	01.68-	111258 12
	01.93- 01.96	112639	14 100/105		
Impala 5.0 Custom	01.68-	110075	14 60		
	01.77-	110505	14 75	01.77-	110216 12 1.4
Impala 5.4	01.93- 01.96	112639	14 100/105		
	01.63- 01.67	110075	14 60		
Impala 5.7				01.63- 01.67	111258 12
	01.83- 01.85	110471	14 94	01.72- 01.85	110216 12 1.4
	01.72- 01.85	110505	14 75	01.69- 01.82	111258 12
	01.93- 01.96	112639	14 100/105		
	01.72- 01.75	110233	14 63		
Impala 5.7 Custom	01.69- 01.71	110075	14 60		
	01.76- 01.77	110505	14 75	01.76- 01.77	110216 12 1.4
Impala 5.7 SS	01.93- 01.96	112639	14 100/105		
	01.94- 01.96	112636	14 100/105		
Impala 5.7	01.94- 01.96	112639	14 100/105		
	01.94- 01.96	111220	14 105		
	01.94- 01.96	112884	14 140		
	01.83- 01.87	110471	14 94		
Impala 6.5	01.84- 01.85	110508	14 78		
	01.80- 01.83	110505	14 75		
	01.80- 01.83	110235	14 80		
Impala 6.6	01.66- 01.69	110075	14 60	01.66- 01.69	111277 12
	01.72- 01.76	110505	14 75	01.70- 01.76	111258 12
Impala 6.6 Custom	01.72- 01.74	110233	14 63	01.70- 01.76	110216 12 1.4
	01.70- 01.71	110075	14 60		
	01.76- 01.76	110505	14 75	01.76- 01.76	110216 12 1.4
Impala 6.7				01.76- 01.76	111258 12
	01.63- 01.65	110075	14 60	01.62- 01.65	111277 12
Impala 7.0	01.66- 01.69	110075	14 60	01.66- 01.69	111277 12
	01.72- 01.75	110505	14 75	01.70- 01.75	110216 12 1.4
Impala 7.4	01.93- 01.96	112639	14 100/105	01.70- 01.75	111258 12
	01.72-	110233	14 63		
	01.70- 01.71	110075	14 60		
	01.76-	110505	14 75	01.76-	111258 12
Impala 7.4 Custom	01.93- 01.96	112639	14 100/105	01.76-	110216 12 1.4
	01.64- 01.69	110075	14 60		
K10 3.8	01.66- 01.71	110075	14 60		
K10 4.1	01.72- 01.72	110233	14 63	01.73- 01.84	110216 12 1.4
	01.72- 01.84	110505	14 75		
	01.68- 01.71	110075	14 60		
K10 4.1 Suburban	01.72- 01.72	110233	14 63	01.73- 01.80	110216 12 1.4
	01.72- 01.80	110505	14 75		
	01.80- 01.80	110234#	14 80		
K10 4.3	01.85- 01.86	110233	14 63	01.85- 01.86	110216 12 1.4
	01.85- 01.86	110505	14 75		
K10 4.6	01.63- 01.67	110075	14 60		
				01.63- 01.67	111277 12
K10 4.8	01.64- 01.66	110075	14 60	01.75- 01.80	110216 12 1.4
	01.75- 01.80	110505	14 75		
K10 5.0	01.85- 01.86	110471	14 94		
	01.77- 01.86	110505	14 75	01.85- 01.86	111034 12 1.2
	01.68- 01.69	110075	14 60	01.77- 01.86	110216 12 1.4
K10 5.0 Suburban				01.68- 01.69	111277 12
	01.72- 01.86	110505	14 75	01.76- 01.86	110216 12 1.4
	01.83- 01.86	110471	14 94		
	01.80- 01.81	110234#	14 80	01.85- 01.86	111034 12 1.2
	01.72- 01.72	110233	14 63	01.68- 01.71	111277 12
K10 5.4	01.68- 01.71	110075	14 60		
	01.62- 01.68	110075	14 60	01.62- 01.68	111258 12
K10 5.4 Suburban	01.68- 01.68	110075	14 60	01.68- 01.68	111258 12
K10 5.7	01.72- 01.86	110505	14 75		
	01.87- 01.89	112629	14 100/105	01.72- 01.86	110216 12 1.4
	01.84- 01.86	110471	14 94	01.72- 01.72	111258 12
	01.80- 01.85	110234#	14 80		
	01.72- 01.72	110233	14 63		
K10 5.7 Suburban	01.69- 01.71	110075	14 60		
	01.72- 01.86	110505	14 75		
	01.85- 01.86	110471	14 94	01.72- 01.86	110216 12 1.4
	01.87- 01.89	112629	14 100/105	01.72- 01.72	111258 12
	01.80- 01.81	110234#	14 80		
K10 6.2	01.72- 01.72	110233	14 63		
	01.69- 01.71	110075	14 60		
	01.82- 01.86	110233	14 63		
	01.85- 01.86	110471	14 94		
	01.85- 01.86	110492	14 108		
	01.82- 01.86	110505	14 75		



K10 6.2 Suburban	01.84- 01.86	110492	14	108				
	01.84- 01.86	110471	14	94				
	01.82- 01.86	110233	14	63				
	01.82- 01.86	110505	14	75				
K10 6.5	01.68- 01.69	110075	14	60				
K10 6.5 Suburban	01.68- 01.68	110075	14	60				
K10 6.6	01.75- 01.80	110505	14	75	01.75- 01.80	110216	12	1.4
	01.80- 01.80	110234#	14	80				
K10 6.6 Suburban	01.70- 01.72	110075	14	60	01.71- 01.71	111277	12	
	01.75- 01.79	110505	14	75	01.75- 01.79	110216	12	1.4
K10 7.4	01.74- 01.80	110505	14	75	01.74- 01.80	110216	12	1.4
K1500 4.3	01.93- 01.95	112639	14	100/105	01.88- 01.98	111034	12	1.2
	01.88- 01.95	110500	14	100/105				
	01.90- 01.95	112338	14	105				
	01.88- 01.89	112640	14	100/105				
K1500 5.0	01.96- 01.99	112893	14	140	01.96- 01.99	111034	12	1.2
	01.93- 01.95	112639	14	100/105				
	01.88- 01.95	110500	14	100/105	01.88- 01.95	110216	12	1.4
K1500 5.7	01.88- 01.95	112640	14	100/105				
	01.88- 01.95	110500	14	100/105				
	01.87- 01.89	112629	14	100/105	01.96- 01.99	112912	12	1.6
	01.96- 01.99	112893	14	140	01.88- 01.95	110216	12	1.4
K1500 5.7 Suburban	01.93- 01.95	112639	14	100/105				
	01.88- 01.95	112640	14	100/105				
	01.88- 01.95	110500	14	100/105				
	01.96- 01.99	112893	14	140	01.96- 01.99	112240	12	1.7
K1500 6.2	01.87- 01.89	112629	14	100/105				
	01.93- 01.96	112639	14	100/105				
	01.92- 01.95	110500	14	100/105				
K1500 6.5	01.92- 01.95	112338	14	105				
	01.88- 01.93	110500	14	100/105				
K1500 6.5 Turbo	01.88- 01.93	112640	14	100/105				
	01.94- 01.96	112639	14	100/105	01.94-	112341	12	2.5
K1500 6.5 Turbo Suburban	01.94-	110500	14	100/105				
	01.94- 01.96	112639	14	100/105	01.94- 01.98	112341	12	2.5
	01.94- 01.98	110500	14	100/105				
K20 3.8	01.96- 01.99	112893	14	140	01.96- 01.99	112341	12	2.5
	01.94- 01.96	112639	14	100/105				
K20 4.1	01.94- 01.95	110500	14	100/105				
	01.64- 01.65	110075	14	60				
	01.66- 01.71	110075	14	60				
K20 4.1 Suburban	01.72- 01.72	110233	14	63	01.73- 01.80	110216	12	1.4
	01.72- 01.80	110505	14	75				
	01.68- 01.71	110075	14	60				
K20 4.3	01.72- 01.72	110233	14	63	01.73- 01.74	110216	12	1.4
	01.72- 01.74	110505	14	75				
	01.85- 01.85	110505	14	75	01.85-	110216	12	1.4
K20 4.6	01.93- 01.96	112639	14	100/105				
	01.85-	110233	14	63				
	01.63- 01.67	110075	14	60				
K20 4.8	01.63- 01.67	110075	14	60	01.63- 01.67	111277	12	
	01.64- 01.72	110075	14	60	01.73- 01.86	110216	12	1.4
K20 4.8 Suburban	01.73- 01.86	110505	14	75				
	01.73- 01.86	110505	14	75	01.73- 01.86	110216	12	1.4
	01.80- 01.86	110234#	14	80				
K20 5.0	01.68- 01.72	110075	14	60				
	01.74- 01.74	110505	14	75	01.74- 01.74	110216	12	1.4
K20 5.4	01.77- 01.85	110505	14	75	01.77- 01.85	110216	12	1.4
	01.85- 01.85	110471	14	94				
	01.80-	110234#	14	80	01.85- 01.85	111034	12	1.2
	01.68- 01.69	110075	14	60	01.68- 01.69	111277	12	
K20 5.4 Suburban	01.72- 01.86	110505	14	75	01.77- 01.86	110216	12	1.4
	01.85- 01.86	110471	14	94				
	01.72- 01.72	110233	14	63	01.85- 01.86	111034	12	1.2
K20 5.7	01.68- 01.71	110075	14	60	01.68- 01.71	111277	12	
	01.62- 01.68	110075	14	60				
	01.64- 01.71	110075	14	60	01.64- 01.68	111258	12	
	01.72- 01.86	110505	14	75	01.68- 01.68	111258	12	
K20 5.7 Suburban	01.87- 01.89	112629	14	100/105	01.72- 01.86	110216	12	1.4
	01.64- 01.71	110075	14	60	01.72-	111258	12	
	01.72- 01.86	110505	14	75				
	01.80- 01.86	110234#	14	80				
	01.93- 01.96	112639	14	100/105				
K20 6.0	01.72-	110233	14	63				
	01.72- 01.86	110505	14	75	01.72- 01.86	110216	12	1.4
	01.83- 01.86	110471	14	94				
	01.87- 01.89	112629	14	100/105	01.71- 01.72	111258	12	
K20 6.2	01.69- 01.71	110075	14	60				
	01.80- 01.86	110234#	14	80				
K20 6.2 Suburban	01.72- 01.72	110233	14	63				
	01.66- 01.66	110075	14	60				
	01.82- 01.86	110505	14	75				
	01.82- 01.86	110233	14	63				
K20 6.5	01.84- 01.86	110492	14	108				
	01.84- 01.86	110471	14	94				
K20 6.6	01.82- 01.86	110233	14	63				
	01.82- 01.86	110505	14	75				
K20 6.6	01.68- 01.69	110075	14	60				
	01.75- 01.80	110505	14	75	01.75- 01.80	110216	12	1.4
K20 6.6	01.80- 01.80	110234#	14	80				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



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**CHEVROLET** *Continued*

K20 6.6 Suburban	01.75- 01.80	110505	14 75	01.75- 01.80	110216	12 1.4
K20 6.7	01.64- 01.65	110075	14 60			
K20 7.4	01.73- 01.80	110505	14 75	01.73- 01.80	110216	12 1.4
K20 7.4 Suburban	01.85- 01.85	110471	14 94	01.73- 01.85	110216	12 1.4
	01.73- 01.85	110505	14 75			
	01.85- 01.85	110234#	14 80			
	01.85- 01.85	110233	14 63			
K2500 4.3	01.93- 01.95	112639	14 100/105	01.88- 01.95	111034	12 1.2
	01.90- 01.95	112338	14 105			
	01.88- 01.95	110500	14 100/105			
	01.88- 01.89	112640	14 100/105			
K2500 5.0	01.98- 01.99	112893	14 140	01.98- 01.99	112912	12 1.6
	01.93- 01.95	112639	14 100/105	01.88- 01.95	110216	12 1.4
	01.90- 01.95	112338	14 105			
	01.88- 01.95	110500	14 100/105			
K2500 5.7	01.88- 01.89	112640	14 100/105			
	01.87- 01.89	112629	14 100/105	01.96- 01.00	112912	12 1.6
	01.93- 01.96	112639	14 100/105			
	01.96- 01.00	112893	14 140	01.88- 01.95	110216	12 1.4
K2500 5.7 Suburban	01.88- 01.95	112640	14 100/105			
	01.88- 01.95	110500	14 100/105			
	01.96- 01.99	112893	14 140	01.96- 01.99	112240	12 1.7
	01.87- 01.89	112629	14 100/105			
K2500 6.2	01.93- 01.96	112639	14 100/105			
	01.92- 01.95	110500	14 100/105			
	01.92- 01.95	112338	14 105			
	01.88- 01.93	110500	14 100/105	01.89- 01.93	112341	12 2.5
K2500 6.5	01.88- 01.93	112640	14 100/105			
	01.94- 01.96	112639	14 100/105	01.94-	112341	12 2.5
K2500 6.5 Turbo	01.94-	110500	14 100/105			
	01.98- 01.98	112893	14 140	01.92- 01.00	112341	12 2.5
	01.93- 01.96	112639	14 100/105			
	01.92- 01.00	110500	14 100/105			
K2500 6.5 Turbo Suburban	01.92- 01.94	112640	14 100/105			
	01.96- 01.99	112893	14 140	01.96- 01.99	112341	12 2.5
	01.94- 01.96	112639	14 100/105			
	01.94- 01.95	110500	14 100/105			
K2500 7.4	01.93- 01.96	112639	14 100/105	01.94- 01.00	112240	12 1.7
	01.96- 01.00	112893	14 140	01.91- 01.95	110216	12 1.4
	01.94- 01.95	110500	14 100/105			
	01.91- 01.93	110984	14 100/105			
K2500 7.4 Suburban	01.96- 01.99	112893	14 140	01.94- 01.99	112240	12 1.7
	01.93- 01.96	112639	14 100/105	01.94- 01.95	110216	12 1.4
	01.94- 01.95	110500	14 100/105			
	01.92- 01.93	110984	14 100/105			
K30 4.1	01.68- 01.71	110075	14 60			
	01.72- 01.72	110233	14 63	01.73- 01.75	110216	12 1.4
K30 4.8	01.72- 01.75	110505	14 75			
	01.68- 01.72	110075	14 60			
	01.73- 01.86	110505	14 75	01.73- 01.86	110216	12 1.4
K30 4.8	01.74- 01.74	110505	14 75	01.74- 01.74	110216	12 1.4
K30 5.0	01.72- 01.73	110505	14 75			
	01.72- 01.72	110233	14 63	01.68- 01.71	111277	12
	01.68- 01.71	110075	14 60			
K30 5.4	01.68- 01.68	110075	14 60	01.68- 01.68	111258	12
K30 5.7	01.85- 01.85	110471	14 94	01.72- 01.86	110216	12 1.4
	01.72- 01.86	110505	14 75			
	01.87- 01.89	112629	14 100/105	01.72- 01.72	111258	12
	01.72- 01.72	110233	14 63			
	01.69- 01.71	110075	14 60			
K30 6.2	01.80- 01.86	110234#	14 80			
	01.82- 01.86	110505	14 75			
K30 6.5	01.82- 01.86	110233	14 63			
	01.68- 01.69	110075	14 60			
K30 6.6	01.70- 01.71	110075	14 60	01.77- 01.80	110216	12 1.4
	01.77- 01.80	110505	14 75			
K30 7.4	01.73- 01.86	110505	14 75	01.73- 01.86	110216	12 1.4
	01.81- 01.86	110234#	14 80			
	01.87- 01.89	112629	14 100/105	01.96- 01.00	112912	12 1.6
K3500 5.7	01.93- 01.96	112639	14 100/105			
	01.96- 01.00	112893	14 140	01.88- 01.95	110216	12 1.4
	01.88- 01.95	112640	14 100/105			
	01.88- 01.95	110500	14 100/105			
K3500 6.2	01.88- 01.93	112640	14 100/105			
	01.88- 01.93	110500	14 100/105			
K3500 6.5 Turbo	01.98- 01.98	112893	14 140	01.92- 01.00	112341	12 2.5
	01.93- 01.96	112639	14 100/105			
	01.92- 01.00	110500	14 100/105			
	01.92- 01.94	112640	14 100/105			
K3500 7.4	01.93- 01.96	112639	14 100/105	01.94- 01.00	112240	12 1.7
	01.96- 01.00	112893	14 140	01.88- 01.95	110216	12 1.4
	01.94- 01.95	110500	14 100/105			
	01.88- 01.93	110984	14 100/105			
Kingswood 5.7	01.72- 01.72	110505	14 75	01.72-	110216	12 1.4
	01.93- 01.96	112639	14 100/105	01.69- 01.71	111258	12
	01.72-	110233	14 63			
	01.69- 01.71	110075	14 60			



Kingswood 6.6	01.72- 01.72	110505	14	75	01.70- 01.71	110216	12	1.4
	01.72-	110233	14	63	01.70- 01.71	111258	12	
	01.70- 01.71	110075	14	60				
Kingswood 7.4	01.72- 01.72	110505	14	75	01.70-	110216	12	1.4
	01.93- 01.96	112639	14	100/105	01.70-	111258	12	
	01.72-	110233	14	63				
Laguna 5.0	01.70-	110075	14	60				
	01.93- 01.96	112639	14	100/105	01.76-	110216	12	1.4
Laguna 5.7	01.76-	110505	14	75				
	01.93- 01.96	112639	14	100/105	01.73- 01.76	110216	12	1.4
Laguna 6.6	01.73- 01.76	110505	14	75	01.73- 01.76	111258	12	
	01.74- 01.76	110505	14	75	01.74- 01.76	111258	12	
Laguna 7.4					01.74- 01.76	110216	12	1.4
	01.93- 01.96	112639	14	100/105	01.73- 01.74	110216	12	1.4
LLV 2.2 Postal Vehicle	01.73- 01.74	110505	14	75	01.73- 01.74	111258	12	
	01.94-	112614	14	105				
LLV 2.5 Postal Vehicle	01.87-	110499	14	100/105				
Lumina 2.2 [LN2]	01.90- 01.92	110499	14	100/105	01.93-	112911	12	1.6
	01.93-	110500	14	100/105				
	01.93-	111388	14	100/105				
	01.98- 12.98	112899						
	01.99-	112615	14	105				
Lumina 2.5					01.90- 01.91	110221	12	1.2
Lumina 3.1	01.99-	112615	14	105	01.90- 01.96	112911	12	1.6
					01.97- 01.00	112900	12	1.4
Lumina 3.1 APV	01.90- 01.95	111388	14	100/105	01.90- 01.95	112911	12	1.6
Lumina 3.1 Euro					01.90- 01.94	112911	12	1.6
Lumina 3.1 LS					01.97-	112900	12	1.4
					01.95- 01.96	112911	12	1.6
Lumina 3.1 LTZ					01.97- 01.98	112900	12	1.4
Lumina 3.1					01.93-	112911	12	1.6
Lumina 3.1 Euro					01.93-	112911	12	1.6
Lumina 3.4 APV					01.96-	112911	12	1.6
Lumina 3.4 Euro	01.92- 01.94	112448	14	100				
	01.91- 01.94	110499	14	100/105				
Lumina 3.4 LS					01.96-	112898	12	1.6
Lumina 3.4 LTZ					01.97-	112898	12	1.6
Lumina 3.8 APV	01.92- 01.95	112636	14	100/105	01.92- 01.95	110221	12	1.2
	01.92- 01.95	112884	14	140				
	01.92- 01.95	111220	14	105				
Lumina 3.8 LTZ	01.98- 01.98	112615	14	105				
Luv 1.8	01.72- 01.81	110128	14	35				
Luv 2.2 Diesel	01.81- 01.82	110697	14	50	01.81- 01.82	111683	12	2.0
Malibu 2.4	01.97- 01.99	112868	14	102	01.97- 01.99	112907#	12	1.7
Malibu 3.1	01.97- 01.98	112869#	14	102	01.97- 01.00	112900	12	1.4
Malibu 3.1 LS	01.97- 01.98	112869#	14	102	01.97- 01.00	112900	12	1.4
Malibu 3.2	01.64- 01.66	110075	14	60				
Malibu 3.3	01.78- 01.79	110505	14	75	01.78- 01.79	110414	12	
	01.78- 01.79	110233	14	63				
Malibu 3.8	01.78- 01.83	110505	14	75				
	01.80- 01.82	110235	14	80	01.78- 01.82	110414	12	
	01.80- 01.82	110233	14	63				
	01.80- 01.82	110234#	14	80				
	01.64- 01.67	110075	14	60				
Malibu 4.1	01.73- 01.77	110505	14	75				
	01.67- 01.67	110075	14	60				
Malibu 4.3	01.93- 01.96	112639	14	100/105				
	01.83-	110471	14	94				
	01.82-	110505	14	75				
	01.82-	110235	14	80				
Malibu 4.4	01.79- 01.82	110505	14	75	01.79- 01.82	110414	12	
	01.79- 01.82	110235	14	80				
	01.79- 01.82	110234#	14	80				
Malibu 4.6	01.64- 01.67	110075	14	60				
Malibu 5.0	01.93- 01.96	112639	14	100/105				
	01.73- 01.83	110505	14	75	01.76- 01.78	110216	12	1.4
	01.79- 01.83	110234#	14	80	01.79- 01.83	110414	12	
Malibu 5.4	01.64- 01.67	110075	14	60	01.64- 01.67	111277	12	
Malibu 5.7	01.93- 01.96	112639	14	100/105	01.73- 01.81	111258	12	
	01.73- 01.81	110505	14	75	01.73- 01.81	110216	12	1.4
Malibu 5.7	01.93- 01.96	112639	14	100/105				
	01.82-	110235	14	80				
	01.82-	110505	14	75				
	01.82-	110233	14	63				
	01.83-	110508	14	78				
Malibu 6.5	01.83-	110471	14	94				
Malibu 6.6	01.66- 01.67	110075	14	60	01.66- 01.67	111277	12	
	01.74- 01.76	110505	14	75	01.74- 01.76	111258	12	
Malibu 7.4					01.74- 01.76	110216	12	1.4
	01.73- 01.75	110505	14	75	01.73- 01.75	111258	12	
Metro 1.0					01.73- 01.75	110216	12	1.4
Metro 1.3	01.98- 01.00	111279	14	50	01.98- 01.00	111310	12	0.8
Metro 1.3 LSI	01.99- 01.00	111279	14	50	01.99- 01.00	111310	12	0.8
Monte Carlo 3.1	01.98- 01.01	111279	14	50	01.98- 01.01	111310	12	0.8
					01.99- 01.99	112900	12	1.4
Monte Carlo 3.1 LS					01.97- 01.98	112900	12	1.4
					01.95-	112911	12	1.6
Monte Carlo 3.3	01.78- 01.79	110505	14	75	01.78- 01.79	110414	12	
	01.78- 01.79	110233	14	63				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**CHEVROLET** *Continued*

Monte Carlo 3.4 LS						01.00- 01.00	112900	12	1.4
Monte Carlo 3.4 Z34						01.96- 01.97	112898	12	1.6
Monte Carlo 3.8		01.85- 01.87	110471	14	94	01.80- 01.84	110414	12	
		01.78- 01.87	110505	14	75				
		01.80- 01.87	110235	14	80				
		01.80- 01.84	110233	14	63				
		01.80- 01.82	110234#	14	80				
Monte Carlo 3.8 Z34		01.98- 01.98	112615	14	105				
Monte Carlo 3.8 Turbo		01.80- 01.81	110505	14	75				
Monte Carlo 4.3		01.85- 01.88	110471	14	94				
		01.85- 01.88	110233	14	63				
Monte Carlo 4.3		01.82- 01.83	110235	14	80				
		01.82- 01.83	110505	14	75				
Monte Carlo 4.4		01.79- 01.82	110505	14	75	01.79- 01.82	110414	12	
		01.79- 01.82	110235	14	80				
		01.79- 01.82	110234#	14	80				
Monte Carlo 5.0		01.76- 01.88	110505	14	75	01.76- 01.88	110216	12	1.4
		01.93- 01.96	112639	14	100/105				
		01.79- 01.88	110234#	14	80				
Monte Carlo 5.0 SS		01.84- 01.86	110505	14	75				
		01.84- 01.88	110471	14	94				
		01.87- 01.88	110508	14	78				
Monte Carlo 5.7		01.93- 01.96	112639	14	100/105	01.70- 01.77	110216	12	1.4
		01.72- 01.81	110505	14	75	01.70- 01.77	111258	12	
		01.72-	110233	14	63				
		01.70- 01.71	110075	14	60				
		01.81- 01.81	110234#	14	80				
		01.81- 01.81	110235	14	80				
Monte Carlo 5.7		01.93- 01.96	112639	14	100/105				
		01.84-	110471	14	94				
		01.84-	110508	14	78				
		01.82- 01.83	110505	14	75				
		01.82- 01.83	110235	14	80				
		01.82- 01.83	110233	14	63				
Monte Carlo 6.6		01.72- 01.76	110505	14	75	01.70- 01.76	110216	12	1.4
		01.72- 01.74	110233	14	63	01.70- 01.76	111258	12	
		01.70- 01.71	110075	14	60				
Monte Carlo 7.4		01.72- 01.75	110505	14	75	01.70- 01.75	111258	12	
		01.93- 01.96	112639	14	100/105	01.70- 01.75	110216	12	1.4
		01.72-	110233	14	63				
		01.70- 01.71	110075	14	60				
Monza 2.3		01.75- 01.77	110233	14	63				
		01.75- 01.77	110505	14	75				
Monza 2.3 2+2		01.76- 01.77	110233	14	63				
		01.76- 01.77	110505	14	75				
Monza 2.5		01.78- 01.80	110505	14	75	01.78- 01.80	110414	12	
Monza 2.5 2+2		01.78- 01.80	110505	14	75	01.78- 01.80	110414	12	
Monza 3.2		01.78- 01.79	110505	14	75	01.78- 01.80	110414	12	
Monza 3.2 2+2		01.78- 01.79	110505	14	75				
Monza 3.8		01.78- 01.80	110505	14	75				
Monza 3.8 2+2		01.78- 01.80	110505	14	75				
Monza 4.3		01.75- 01.76	110505	14	75				
Monza 4.3 2+2		01.93- 01.96	112639	14	100/105				
		01.76-	110505	14	75				
Monza 5.0		01.93- 01.96	112639	14	100/105	01.77- 01.78	110216	12	1.4
		01.76- 01.78	110505	14	75				
Monza 5.0 2+2		01.76- 01.78	110505	14	75	01.77- 01.78	110216	12	1.4
		01.93- 01.96	112639	14	100/105				
Monza 5.7		01.93- 01.96	112639	14	100/105	01.75-	110216	12	1.4
		01.75-	110505	14	75	01.75-	111277	12	
Nova 1.6		01.85- 01.88	110678#	14	55				
Nova 2.5		01.62- 01.67	110075	14	60				
Nova 3.2		01.62- 01.67	110075	14	60				
Nova 3.8		01.64- 01.66	110075	14	60				
Nova 4.1		01.67- 01.71	110075	14	60				
		01.72- 01.79	110505	14	75				
		01.72- 01.79	110233	14	63				
Nova 4.1 Concours		01.76- 01.77	110505	14	75	01.76- 01.77	110216	12	1.4
Nova 4.1 Custom		01.73- 01.79	110505	14	75				
Nova 4.3		01.93- 01.96	112639	14	100/105				
		01.75-	110505	14	75				
Nova 4.3 Custom		01.93- 01.96	112639	14	100/105				
		01.75-	110505	14	75				
Nova 4.6		01.62- 01.67	110075	14	60				
Nova 5.0		01.72- 01.78	110505	14	75				
		01.72- 01.73	110233	14	63	01.76- 01.78	110216	12	1.4
		01.93- 01.96	112639	14	100/105				
		01.70-	110075	14	60				
Nova 5.0 Concours		01.93- 01.96	112639	14	100/105	01.76-	110216	12	1.4
		01.76-	110505	14	75				
Nova 5.0 Custom		01.93- 01.96	112639	14	100/105	01.78-	110216	12	1.4
		01.73-	110505	14	75				
Nova 5.4		01.65- 01.67	110075	14	60				
Nova 5.7		01.72- 01.79	110505	14	75	01.70- 01.79	111258	12	
		01.93- 01.96	112639	14	100/105	01.70- 01.79	110216	12	1.4
		01.72- 01.75	110233	14	63				
		01.70- 01.71	110075	14	60				
Nova 5.7 Concours		01.76- 01.77	110505	14	75	01.76- 01.77	111258	12	
						01.76- 01.77	110216	12	1.4





Nova 5.7 Custom	01.73- 01.79	110505	14	75	01.73- 01.79	110216	12	1.4
					01.73- 01.79	111258	12	
Nova 6.5	01.70-	110075	14	60	01.70-	111277	12	
Nova 6.6	01.70-	110075	14	60	01.70-	110216	12	1.4
						111277	12	
One-fifty Series 3.9	01.55- 01.57	110505	14	75				
One-fifty Series 4.3	01.55- 01.57	110505	14	75	01.55- 01.57	111258	12	
One-fifty Series 4.6	01.57- 01.57	110505	14	75	01.57- 01.57	111258	12	
P 10 4.1	01.68- 01.72	110075	14	60				
	01.73- 01.74	110505	14	75	01.73- 01.74	110216	12	1.4
P 10 4.8	01.75- 01.80	110505	14	75	01.75- 01.80	110216	12	1.4
P 10 5.0	01.93- 01.96	112639	14	100/105				
P 10 5.7	01.73- 01.78	110505	14	75	01.73- 01.75	110216	12	1.4
P 10 7.4	01.93- 01.96	112639	14	100/105	01.73-	110216	12	1.4
	01.73-	110505	14	75				
P 20 3.8	01.63- 01.65	110075	14	60				
P 20 4.1	01.73- 01.74	110505	14	75	01.73- 01.74	110216	12	1.4
	01.66- 01.66	110075	14	60				
P 20 4.8	01.73- 01.89	110505	14	75	01.73- 01.89	110216	12	1.4
	01.64- 01.72	110075	14	60				
P 20 5.0	01.68- 01.69	110075	14	60				
P 20 5.7	01.73- 01.86	110505	14	75	01.68- 01.69	111258	12	
	01.64- 01.72	110075	14	60	01.73- 01.86	110216	12	1.4
	01.80- 01.86	110234#	14	80	01.70- 01.72	111258	12	
	01.93- 01.96	112639	14	100/105				
P 20 6.2	01.82- 01.89	110505	14	75				
	01.82- 01.89	110233	14	63				
P 20 6.7	01.64- 01.65	110075	14	60				
P 20 7.4	01.93- 01.96	112639	14	100/105	01.73-	110216	12	1.4
	01.73-	110505	14	75				
P10 2.5	01.63- 01.65	110075	14	60				
P10 3.2	01.66- 01.66	110075	14	60				
P10 3.8	01.63- 01.69	110075	14	60				
P10 4.8	01.67- 01.67	110075	14	60				
P20 4.1	01.70- 01.72	110075	14	60				
P20 5.7	01.93- 01.96	112639	14	100/105	01.87- 01.89	110216	12	1.4
	01.87- 01.89	110984	14	100/105				
P30 3.8	01.63- 01.65	110075	14	60				
P30 3.9 Turbo	01.89- 01.91	110471	14	94				
P30 4.1	01.66- 01.72	110075	14	60				
	01.73- 01.74	110505	14	75	01.73- 01.74	110216	12	1.4
P30 4.3	01.90- 01.93	110984	14	100/105	01.90- 01.95	111034	12	1.2
	01.93- 01.95	112639	14	100/105	01.96- 01.99	112240	12	1.7
P30 4.8	01.64- 01.72	110075	14	60				
	01.73- 01.89	110505	14	75	01.73- 01.89	110216	12	1.4
P30 4.8	01.74-	110505	14	75				
P30 5.0	01.68- 01.69	110075	14	60				
P30 5.7	01.73- 01.86	110505	14	75	01.68- 01.69	111258	12	
	01.64- 01.72	110075	14	60	01.74- 01.95	110216	12	1.4
	01.80- 01.86	110234#	14	80	01.96- 01.99	112240	12	1.7
	01.87- 01.95	110984	14	100/105	01.70- 01.72	111258	12	
	01.93- 12.96	112639	14	100/105				
P30 6.2	01.82- 01.93	110505	14	75				
	01.82- 01.93	110233	14	63				
P30 6.5	01.94- 01.96	112639	14	100/105	01.94- 01.99	112341	12	2.5
	01.94- 01.97	110500	14	100/105				
P30 6.5 Turbo	01.94- 01.96	112639	14	100/105	01.94- 01.99	112341	12	2.5
P30 6.7	01.64- 01.65	110075	14	60				
P30 7.4	01.73- 01.89	110505	14	75	01.73- 01.97	110216	12	1.4
	01.93- 01.96	112639	14	100/105	01.96- 01.99	112240	12	1.7
	01.80- 01.89	110234#	14	80				
	01.87- 01.93	110984	14	100/105				
	01.90- 01.97	110502	14	100/105				
R10 4.3	01.93- 01.96	112639	14	100/105	01.87-	110216	12	1.4
	01.87-	112640	14	100/105				
	01.87-	110500	14	100/105				
	01.87-	110471	14	94				
R10 5.0	01.87-	110233	14	63				
	01.87- 01.87	110505	14	75	01.87- 01.87	110216	12	1.4
	01.87- 01.87	110471	14	94				
	01.87- 01.87	112640	14	100/105				
R10 5.0 Suburban	01.87- 01.87	110500	14	100/105				
	01.87- 01.87	110471	14	94	01.87- 01.87	110216	12	1.4
	01.87- 01.87	110505	14	75				
	01.87- 01.87	112640	14	100/105				
R10 5.7	01.87- 01.89	112629	14	100/105	01.87-	110216	12	1.4
	01.93- 01.96	112639	14	100/105				
	01.87-	110505	14	75				
	01.87-	110471	14	94				
R10 5.7 Suburban	01.87-	110984	14	100/105				
	01.87- 01.89	112629	14	100/105	01.87- 01.88	110216	12	1.4
	01.87- 01.88	110505	14	75				
	01.87- 01.88	110471	14	94				
	01.87- 01.88	110984	14	100/105				

# STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

**CHEVROLET** Continued

R10 6.2	01.87- 01.87	110505	14 75			
	01.87-	110471	14 94			
	01.87-	110233	14 63			
R10 6.2 Suburban	01.87- 01.88	110233	14 63			
	01.87- 01.88	110471	14 94			
	01.87- 01.88	110505	14 75			
R1500 5.7 Suburban	01.89- 01.91	110500	14 100/105	01.89- 01.91	110216	12 1.4
	01.87- 01.89	112629	14 100/105			
R1500 6.2 Suburban	01.89- 01.91	110233	14 63	01.89- 01.91	112341	12 2.5
	01.89- 01.91	110471	14 94			
	01.89- 01.91	110505	14 75			
R20 4.3	01.93- 01.96	112639	14 100/105	01.87-	110216	12 1.4
	01.87-	110471	14 94			
	01.87-	112640	14 100/105			
	01.87-	110500	14 100/105			
R20 4.8	01.87- 01.88	110508	14 78	01.87- 01.88	110216	12 1.4
	01.87- 01.88	110505	14 75			
R20 5.0	01.87- 01.87	110505	14 75	01.87- 01.87	110216	12 1.4
	01.87- 01.87	110471	14 94			
	01.87- 01.87	112640	14 100/105			
R20 5.7	01.87- 01.87	110500	14 100/105			
	01.87- 01.89	112629	14 100/105	01.87- 01.88	110216	12 1.4
	01.87- 01.88	110471	14 94			
	01.87- 01.88	110984	14 100/105			
R20 5.7 Suburban	01.87- 01.88	110505	14 75	01.87- 01.88	110216	12 1.4
	01.87- 01.88	110471	14 94			
	01.87- 01.88	110984	14 100/105			
R20 6.2	01.87- 01.89	112629	14 100/105			
	01.87- 01.88	110471	14 94			
	01.87- 01.88	110233	14 63			
	01.87- 01.88	110505	14 75			
R20 6.2 Suburban	01.87- 01.88	110233	14 63			
	01.87- 01.88	110471	14 94			
	01.87- 01.88	110505	14 75			
R20 7.4	01.87- 01.88	110233	14 63	01.87- 01.88	110216	12 1.4
	01.87- 01.88	110471	14 94			
	01.87- 01.88	110505	14 75			
R20 7.4 Suburban	01.87- 01.88	110471	14 94	01.87- 01.88	110216	12 1.4
	01.88- 01.88	110984	14 100/105			
	01.87- 01.88	110233	14 63			
	01.87- 01.88	110505	14 75			
R2500 5.7 Suburban	01.87- 01.89	112629	14 100/105	01.89- 01.91	110216	12 1.4
	01.89- 01.91	110500	14 100/105			
R2500 6.2 Suburban	01.89- 01.91	110233	14 63	01.89- 01.91	112341	12 2.5
	01.89- 01.91	110471	14 94			
	01.89- 01.91	110505	14 75			
R2500 7.4 Suburban	01.89- 01.91	110233	14 63	01.89- 01.91	110216	12 1.4
	01.89- 01.91	110471	14 94			
	01.89- 01.91	110505	14 75			
R30 4.8	01.87- 01.88	110505	14 75	01.87- 01.88	110216	12 1.4
	01.87- 01.88	110508	14 78			
R30 5.7	01.87- 01.89	112629	14 100/105	01.87- 01.88	110216	12 1.4
	01.87- 01.88	110505	14 75			
	01.87- 01.88	110471	14 94			
	01.87- 01.88	110984	14 100/105			
R30 6.2	01.87- 01.88	110233	14 63			
	01.87- 01.88	110471	14 94			
	01.87- 01.88	110505	14 75			
R30 7.4	01.87- 01.88	110233	14 63			
	01.87- 01.88	110471	14 94	01.87- 01.88	110216	12 1.4
	01.87- 01.88	110505	14 75			
R3500 5.7	01.89- 01.91	110471	14 94	01.89- 01.91	110216	12 1.4
	01.89- 01.91	110500	14 100/105			
	01.89- 01.91	110505	14 75			
	01.87- 01.89	112629	14 100/105			
R3500 6.2	01.89- 01.91	110233	14 63	01.89- 01.91	112341	12 2.5
	01.89- 01.91	110471	14 94			
	01.89- 01.91	110505	14 75			
R3500 7.4	01.93- 01.96	112639	14 100/105	01.89- 01.91	110216	12 1.4
	01.89- 01.91	110233	14 63			
	01.89- 01.91	110471	14 94			
	01.89- 01.91	110505	14 75			
S10 1.9	01.82- 01.85	110505	14 75			
S10 1.9 Blazer	01.83- 01.84	110505	14 75			
S10 2.0	01.83- 01.84	110471	14 94			
	01.83- 01.84	110233	14 63			
	01.83- 01.84	110505	14 75			
S10 2.0 Blazer	01.83- 01.84	110233	14 63			
	01.83- 01.84	110471	14 94			
	01.83- 01.84	110505	14 75			
S10 2.2	01.94- 01.98	112614	14 105	01.94- 01.98	112911	12 1.6
				01.99- 01.00	112900	12 1.4
S10 2.2	01.84- 01.85	110471	14 94	01.84- 01.85	111683	12 2.0
	01.83- 01.85	110508	14 78			
S10 2.2 Blazer	01.84-	110471	14 94	01.84-	111683	12 2.0
	01.84-	110508	14 78			



S10 2.2						01.00- 01.02	112900	12	1.4
S10 2.5	01.83- 01.86	110508	14	78					
	01.85- 01.91	110471	14	94					
	01.85- 01.91	110505	14	75					
	01.91- 01.93	112448	14	100					
	01.91- 01.93	110499	14	100/105					
S10 2.5 Blazer	01.85- 01.88	110471	14	94					
	01.85- 01.88	110505	14	75					
S10 2.8	01.82- 01.85	110505	14	75	01.84- 01.93	111034	12	1.2	
	01.84- 01.85	110471	14	94	01.82- 01.93	110221	12	1.2	
S10 2.8 Blazer	01.83- 01.85	110505	14	75	01.83- 01.90	110221	12	1.2	
	01.83- 01.85	110471	14	94	01.84- 01.90	111034	12	1.2	
S10 4.3	01.96-	111712	14	105	01.96- 01.98	112240	12	1.7	
	01.93- 01.95	112639	14	100/105	01.99- 01.03	112241	12	1.5	
	01.88- 01.95	110500	14	100/105	01.88- 01.95	111034	12	1.2	
	01.91- 01.95	110985	14	100/105					
	01.88- 01.90	112338	14	105					
	01.99- 01.00	112665	14	100					
S10 4.3 Blazer	01.93- 01.94	112639	14	100/105	01.88- 01.94	111034	12	1.2	
	01.91- 01.94	110500	14	100/105					
	01.91- 01.94	110985	14	100/105					
	01.88- 01.90	112338	14	105					
Silverado 4.3 1500	01.99- 01.03	112853	14	130	01.00- 01.02	112241	12	1.5	
	01.99- 01.02	112850	14	105	01.99- 01.99	111034	12	1.2	
Silverado 4.8 1500	01.99- 01.03	112853	14	130	01.99- 01.03	112902	12	1.2	
	01.99- 01.02	112850	14	105					
Silverado 5.3 1500	01.99- 01.03	112853	14	130	01.99- 01.03	112902	12	1.2	
	01.99- 01.02	112850	14	105					
Silverado 5.3 2500	01.99- 01.00	112850	14	105	01.99- 01.00	112902	12	1.2	
	01.99- 01.00	112853	14	130					
Silverado 5.3 1500	01.02-	112853	14	130					
	01.02-	112850	14	105					
Silverado 6.0 1500 HD	01.01- 01.03	112853	14	130	01.01- 01.03	112906	12	1.7	
	01.01- 01.02	112850	14	105					
Silverado 6.0 2500	01.99- 01.03	112853	14	130	01.01- 01.03	112906	12	1.7	
	01.99- 01.02	112850	14	105	01.00- 01.00	112898	12	1.6	
					01.99- 01.99	112240	12	1.7	
Silverado 6.0 2500 HD	01.01- 01.03	112853	14	130	01.01- 01.03	112906	12	1.7	
	01.01- 01.02	112850	14	105					
Silverado 6.0 3500	01.01- 01.03	112853	14	130	01.01- 01.03	112906	12	1.7	
	01.01- 01.02	112850	14	105					
Silverado 6.0 SS	01.03-	112853	14	130					
Silverado 6.6 Turbo 2500	01.01- 01.02	112850	14	105					
	01.01- 01.02	112853	14	130					
Silverado 6.6 Turbo 2500 HD	01.01- 01.03	112853	14	130					
	01.01- 01.02	112850	14	105					
Silverado 6.6 Turbo 3500	01.01- 01.03	112853	14	130					
	01.01- 01.02	112850	14	105					
Silverado 8.1 2500	01.01- 01.02	112853	14	130	01.01- 01.02	112240	12	1.7	
	01.01- 01.02	112850	14	105					
Silverado 8.1 2500 HD	01.01- 01.03	112853	14	130	01.99- 01.02	112240	12	1.7	
	01.01- 01.02	112850	14	105					
Silverado 8.1 3500	01.01- 01.03	112853	14	130	01.01- 01.02	112240	12	1.7	
	01.01- 01.02	112850	14	105					
Sprint 1.0	01.89-	110967	14	50	01.85- 01.88	111310	12	0.8	
Sprint 1.0 ER	01.87- 01.88	110965	14	50	01.87- 01.88	111310	12	0.8	
Sprint 1.0 Plus					01.86-	111310	12	0.8	
Sprint 1.0 Turbo	01.89-	111279	14	50	01.87- 01.88	111310	12	0.8	
	01.87- 01.88	110965	14	50					
SSR 6.0	01.05-	112853	14	130					
Suburban 3.8	01.63- 01.67	110075	14	60					
Suburban 3.9	01.61- 01.62	110075	14	60					
Suburban 4.1	01.66- 01.67	110075	14	60					
Suburban 4.6	01.63- 01.67	110075	14	60					
					01.63- 01.67	111277	12		
Suburban 4.8	01.63- 01.67	110075	14	60					
Suburban 5.4	01.62- 01.67	110075	14	60					
					01.62- 01.67	111258	12		
Suburban 5.7	01.64- 01.65	110075	14	60					
Suburban 6.0	01.66- 01.66	110075	14	60	05.00- 09.03	112902	12	1.2	
Suburban 6.7	01.64- 01.65	110075	14	60					
Tahoe 4.8	01.00- 01.03	112853	14	130	01.00- 01.03	112902	12	1.2	
	01.00- 01.02	112850	14	105					
Tahoe 5.3	01.00- 01.03	112853	14	130	01.00- 01.03	112902	12	1.2	
	01.00- 01.02	112850	14	105					
Tahoe 5.3	01.02- 01.03	112853	14	130	01.02- 01.02	112902	12	1.2	
	01.02- 01.02	112850	14	105					
Tahoe 5.7	01.96- 01.00	112893	14	140	01.95- 01.00	112240	12	1.7	
	01.95- 01.96	112639	14	100/105	01.99- 01.00	112912	12	1.6	
	01.95-	110500	14	100/105					
Tahoe 6.5 Turbo	01.99- 01.99	112893	14	140	01.95- 01.99	112341	12	2.5	
	01.95- 01.96	112639	14	100/105					
	01.95- 01.98	110500	14	100/105					
Townsmen 5.7	01.93- 01.96	112639	14	100/105	01.69- 01.71	111258	12		
	01.72-	110233	14	63					
	01.72- 01.72	110505	14	75					
	01.69- 01.71	110075	14	60					

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**CHEVROLET** *Continued*

Townsmen 6.6	01.72-	110233	14	63	01.70-	01.71	111258	12
	01.72- 01.72	110505	14	75				
	01.70- 01.71	110075	14	60				
Townsmen 7.4	01.93- 01.96	112639	14	100/105				
	01.72-	110233	14	63	01.70-		111258	12
	01.72- 01.72	110505	14	75				
	01.70-	110075	14	60				
Tracer 1.6	01.98- 01.98	111279	14	50	01.99- 01.00		112300	12 1.4
					01.98- 01.98		110394	12 0.85
Tracker 2.0	[J20A]				AT 01.99- 01.03		114225	12 1.6
					01.99- 01.03		110394	12 0.85
					01.99- 01.03		112300	12 1.4
					01.02- 01.03		112905	12 1.6
Trailblazer 4.2					01.02- 01.03		112905	12 1.6
Truck 3.9	4BD2 01.93- 01.98	113413	14	70				
	4BD1 01.91- 01.97	113413	14	70				
Truck 4.3	01.55- 01.59	110505	14	75				
Truck 5.3	01.56- 01.59	110505	14	75				
Two-Ten Series 3.9	01.55- 01.57	110505	14	75				
Two-Ten Series 4.3	01.55- 01.57	110505	14	75	01.55- 01.57		111258	12
Two-Ten Series 4.6	01.57- 01.57	110505	14	75	01.57- 01.57		111258	12
V10 4.3	01.87- 01.87	110500	14	100/105				
	01.87- 01.87	112640	14	100/105	01.87- 01.87		110216	12 1.4
	01.87- 01.87	110471	14	94				
	01.87- 01.87	110233	14	63				
V10 5.0	01.87- 01.87	110505	14	75				
	01.87- 01.87	110471	14	94	01.87- 01.87		110216	12 1.4
	01.87- 01.87	112640	14	100/105				
	01.87- 01.87	110500	14	100/105				
V10 5.7	01.87- 01.87	110505	14	75	01.87- 01.87		110216	12 1.4
	01.87- 01.87	110471	14	94				
	01.87- 01.87	110984	14	100/105				
	01.87- 01.89	112629	14	100/105				
V10 5.7 Suburban	01.87- 01.88	110984	14	100/105	01.87- 01.88		110216	12 1.4
	01.87- 01.88	110471	14	94				
	01.87- 01.88	110505	14	75				
	01.87- 01.89	112629	14	100/105				
V10 6.2	01.87- 01.87	110233	14	63				
	01.87- 01.87	110471	14	94				
	01.87- 01.87	110505	14	75				
V10 6.2 Suburban	01.87- 01.88	110471	14	94				
	01.87- 01.88	110233	14	63				
	01.87- 01.88	110505	14	75				
V1500 5.7 Suburban	01.91- 01.91	112338	14	105				
	01.89- 01.91	110500	14	100/105	01.89- 01.90		110216	12 1.4
	01.87- 01.89	112629	14	100/105				
V1500 6.2 Suburban	01.91- 01.91	110984	14	100/105	01.89- 01.90		112341	12 2.5
	01.89- 01.90	110233	14	63				
	01.89- 01.90	110471	14	94				
	01.89- 01.90	110505	14	75				
V20 4.8	01.87- 01.91	110984	14	100/105	01.87-		110216	12 1.4
	01.87-	110505	14	75				
	01.87-	110508	14	78				
V20 5.7	01.87- 01.89	112629	14	100/105	01.87-		110216	12 1.4
	01.93- 01.96	112639	14	100/105				
	01.87-	110984	14	100/105				
	01.87-	110471	14	94				
	01.87-	110505	14	75				
V20 5.7 Suburban	01.87- 01.88	110505	14	75				
	01.87- 01.88	110984	14	100/105	01.87- 01.88		110216	12 1.4
	01.87- 01.88	110471	14	94				
	01.87- 01.89	112629	14	100/105				
V20 6.2	01.87-	110471	14	94				
	01.87-	110233	14	63				
	01.87- 01.87	110505	14	75				
V20 6.2 Suburban	01.87- 01.88	110233	14	63				
	01.87- 01.88	110471	14	94				
	01.87- 01.88	110505	14	75				
V20 7.4 Suburban	01.87- 01.88	110233	14	63	01.87- 01.88		110216	12 1.4
	01.87- 01.88	110471	14	94				
	01.87- 01.88	110505	14	75				
V2500 5.7 Suburban	01.89- 01.91	110500	14	100/105				
	01.91- 01.91	112338	14	105	01.89- 01.90		110216	12 1.4
	01.87- 01.89	112629	14	100/105				
V2500 6.2 Suburban	01.91- 01.91	110984	14	100/105	01.89- 01.90		112341	12 2.5
	01.89- 01.90	110233	14	63				
	01.89- 01.90	110471	14	94				
	01.89- 01.90	110505	14	75				
V2500 7.4 Suburban	01.89- 01.90	110233	14	63	01.89- 01.90		110216	12 1.4
	01.89- 01.90	110471	14	94				
	01.89- 01.90	110505	14	75				
V30 4.8	01.87- 01.88	110505	14	75	01.87- 01.88		110216	12 1.4
	01.87- 01.88	110508	14	78				
V30 5.7	01.87- 01.89	112629	14	100/105	01.87- 01.88		110216	12 1.4
	01.87- 01.88	110505	14	75				
	01.87- 01.88	110471	14	94				
	01.87- 01.88	110984	14	100/105				



V30 6.2		01.87- 01.88	110233	14	63				
		01.87- 01.88	110471	14	94				
		01.87- 01.88	110505	14	75				
V30 7.4		01.87- 01.88	110233	14	63	01.87- 01.88	110216	12	1.4
		01.87- 01.88	110471	14	94				
		01.87- 01.88	110505	14	75				
V3500 5.7		01.87- 01.89	112629	14	100/105				
		01.89- 01.91	110500	14	100/105	01.89- 01.91	110216	12	1.4
		01.89- 01.91	110471	14	94				
		01.89- 01.91	110505	14	75				
V3500 6.2		01.91-	110984	14	100/105	01.89- 01.90	112341	12	2.5
		01.90- 01.91	112338	14	105				
		01.89- 01.90	110471	14	94				
		01.89- 01.90	110233	14	63				
		01.89- 01.90	110505	14	75				
V3500 7.4		01.93- 01.96	112639	14	100/105				
		01.89- 01.91	110233	14	63	01.89- 01.91	110216	12	1.4
		01.89- 01.91	110471	14	94				
		01.89- 01.91	110505	14	75				
Vega 2.0		01.75-	110505	14	75				
Vega 2.0 Cosworth		01.76- 01.76	110505	14	75				
Vega 2.3		01.71- 01.77	110505	14	75				
		01.71- 01.77	110233	14	63				
Vega 2.3 Panel		01.74- 01.75	110233	14	63				
		01.74- 01.75	110505	14	75				
Venture 3.4		01.98- 01.00	112874#	14	140	01.97- 01.00	112900	12	1.4
<b>PASSENGER CARS AO</b>									
Astro 4.3		01.87- 01.89	112337	14	105				
Blazer S10 4.3 4WD		01.96-	111712	14	105				
Camaro 5.7	[LT1]	01.94- 01.95	111854	14	105				
Caprice 5.0		10.96- 12.96	112639	14	100/105				
C-K Serie 4.3		01.88- 01.90	112337	14	105				
		01.88- 01.93	110500	14	100/105				
		01.83- 01.86	110508	14	78				
		01.84-	110492	14	108				
C-K Serie 4.3 AWD		01.83- 01.86	110508	14	78				
		01.84-	110492	14	108				
		01.88- 01.90	112337	14	105				
		01.88- 01.93	110500	14	100/105				
Corvette 5.7	[LT1]	01.93- 01.96	112639	14	100/105				
Express 4.3		01.96-	111712	14	105				
Lumina 2.5		01.90- 01.92	110499	14	100/105				
S10 2.8	[LR2]	01.83- 01.86	110508	14	78				
Spark 0.8	[F8CV]	09.00-	114114	14	65	09.00-	111849	12	0.8
Spark 1.0						11.02-	113860	12	0.8
Spark 1.0 SX						05.05-	113860	12	0.8
Suburban 5.7 4WD		01.96-	111712	14	105				
Suburban 6.5 Diesel	[L56]	10.93- 09.96	112639	14	100/105				
Suburban 7.4 4WD		01.89- 01.93	112338	14	105				
Zafira 2.0 GLS	[C20SEL]					04.01-	111848	12	1.0
<b>TRUCKS US</b>									
Various Models 8.2						01.86- 01.88	112258#	12	
Various Models	[Caterpillar 3116]	01.90- 01.93	112989	14	60	01.90- 01.02	113126	12	
	[Caterpillar 3208]	01.79- 01.89	112260#	14	80				
Various Models	[Caterpillar 3116]					01.90- 01.02	113126	12	
<b>Chrysler</b>									
<b>PASSENGER CARS EU</b>									
300 C 3.0 CRD	[M664]					09.05- 12.06	114878	12	2.2
						12.06-	115420	12	1.7
300 M 2.7 V6 24V	[EER]					11.98- 08.00	113587#	12	1.1
						11.98- 09.04	114328	12	1.6
300 M 3.5 V6 24V	[EGG]	07.98- 08.00	113027#	14	130				
Daytona 2.5 i Turbo GS	[EDT]					01.88-	111425	12	1.4
GTS 2.2 i Turbo Daytona Shelby	[EDR]					10.87- 10.92	111425	12	1.4
Lebaron 2.2 i	[EDG]	01.90- 01.90	111193	14	90	09.86-	111425	12	1.4
		01.90- 01.93	111194#	14	120				
Lebaron 2.2 i Turbo	[EDG]					09.86- 12.90	111425	12	1.4
	[EDR]					09.86- 12.90	111425	12	1.4
Lebaron 2.5 i	[EDM]					09.86- 12.93	111425	12	1.4
Lebaron 2.5 i Turbo	[EDT]					01.89- 12.93	111425	12	1.4
Lebaron 3.0 i V6	[6G72]					01.90-	111456#	12	1.4
Neon 2.0	[ECC]	01.96-	111530	14	90				
Neon 2.0 16V	[420H]	08.99-	113360	14	85				
	[ECB]	10.02- 12.06	113360	14	85				
	[ECC]	01.96-	111530	14	90	06.94-	111396	12	1.2
	[ECH]	10.01-	113360	14	85				
Neon 2.0 16V LE	[ECC 420T]	01.96-	111530	14	90				
PT Cruiser 2.2 CRD	[EDJ]	08.05-	114663	14	150	08.05-	114237	12	2.2
PT Cruiser 2.2 Diesel	[EDJ]	03.02-	114663	14	150	03.02-	114144	12	2.0
						03.02-	114237	12	2.2
Saratoga 3.0	[6G72]					09.89- 12.95	111456#	12	1.4
Sebring 2.0	[ECC]	04.01-	114511	14	120				
Sebring 2.4	[EDZ]	04.01-	114511	14	120	04.01-	113638	12	1.4
Sebring 2.7 V6 24V	[EES]	04.01-	114511	14	120				
Stratus 2.0 LE	[420X]	06.96-	113067	14	90	06.96- 04.01	111396	12	1.2
	[C00]	12.95-	113067	14	90	01.97- 12.97	111396	12	1.2
Stratus 2.0 16V	[ECB]	12.95-	113067	14	90	12.95-	111396	12	1.2
Stratus 2.4 16V	[EDZ]	01.97- 04.01	113067	14	90				
Stratus 2.5 LX	[625H]	04.96-	111529#	14	90				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**CHRYSLER** Continued

Stratus 2.5 V6	[H00]	12.95-	111529#	14 90				
Stratus 2.5 V6 LX	[EEB]	12.95-	111529#	14 90				
Viper 8.0	[EPD]	07.98-	112073	14 80				
Vision 3.5 i	[F01]				09.93-	113481	12 1.4	
Voyager 2.0 i	[C00]	01.95- 03.01	113067	14 90	01.95- 03.01	114294	12 1.1	
Voyager 2.4 i	[B00]	01.95- 12.00	112583	14 90				
		10.95- 08.96	113067	14 90				
		10.95- 12.00	113235	14 130				
Voyager 2.5 i	[K]	04.93-	111814	14 120	04.93-	111425	12 1.4	
Voyager 2.5 i SE	[K00]	04.92- 12.95	111815#	14 120	01.88-	111425	12 1.4	
Voyager 2.5 CRD	[ENC]	02.00-	114011	14 160	02.00-	114283	12 2.0	
	[ENJ]	02.00-	114011	14 160	02.00-	114283	12 2.0	
Voyager 2.5 TD	[425CLIRS/X]	10.95-	112195#	14 115	10.95-	112454	12 2.2	
		01.98- 03.01	112420	14 115				
Voyager 2.5 TD SE	[09B]				01.92- 09.95	112454	12 2.2	
	[M00]	04.92-	111815#	14 120	04.92-	112454	12 2.2	
		10.95-	112195#	14 115				
Voyager 2.8 CRD	[ENR]	06.04-	114011	14 160	AT 06.04-	113977	12 2.2	
					AT 10.07-	113977	12 2.2	
Voyager 2.8 CRDi	[ENS]				AT 10.07-	113977	12 2.2	
Voyager 3.0	[EFA]	01.95- 03.01	112583	14 90	01.95- 01.96	111456#	12 1.4	
		01.95- 03.01	113235	14 130				
Voyager 3.0 i	[300]	01.90- 01.93	111193	14 90	01.88-	111456#	12 1.4	
	[6G72]	01.90- 01.93	111194#	14 120				
					08.84- 09.95	111456#	12 1.4	
Voyager 3.3	[EGA]	01.01- 01.05	113803	14 130	02.00-	111492	12 1.4	
	[EGV]	01.01- 01.05	113803	14 130				
Voyager 3.3 AWD	[EGA]	01.01- 01.04	113803	14 130	01.01-	111492	12 1.4	
Voyager 3.3 FlexFuel	[EGM]	01.01- 01.05	113803	14 130				
Voyager 3.3 i	[R00]	10.95-	111814	14 120 BO	10.95-	111492	12 1.4	
		10.95-	112583	14 90 ND				
		10.95-	113235	14 130 ND				
Voyager 3.3 i LE	[EGA]	01.90-	111193	14 90 ND	04.92-	111492	12 1.4	
		04.90-	111194#	14 120 ND				
		04.92-	111814	14 120 BO				
Voyager 3.3 i LE AWD	[EGA]	04.92-	111193	14 90 ND	04.92-	111492	12 1.4	
		04.92-	111194#	14 120 ND				
		04.92-	111814	14 120 BO				
	[R00]	04.92-	111193	14 90 ND	04.92-	111492	12 1.4	
		04.92-	111194#	14 120 ND				
		04.92-	111814	14 120 BO				
Voyager 3.8 i	[EGH]				01.01-	111492	12 1.4	
Voyager 3.8 i AWD	[EGH]	01.95-	111815#	14 120 ▲	AT 01.97-	111492	12 1.4	
		01.95-	112583	14 90 ND				
		01.95-	113235	14 130 ND				
	[L00]	10.95-	111815#	14 120 ▲	01.95- 01.98	111492	12 1.4	
		10.95-	112583	14 90 ND				
		10.95-	113235	14 130 ND				
<b>PASSENGER CARS US</b>								
300 6.3		01.62- 01.66	110074	14 60	01.62- 01.66	110223	12 1.1	
300 6.8		01.60- 01.65	110074	14 60				
300 7.0		01.63- 01.63	110074	14 60				
300 7.2		01.66- 01.69	110074	14 60	01.66- 01.71	110222	12 1.3	
		01.70- 01.71	110236	14 60				
300 M 3.5		01.99- 01.02	113027#	14 130	01.99- 01.02	113242	12 1.4	
300 M 3.5 Pro-am Edition		01.03- 01.03	113027#	14 130				
300 M 3.5 Special		01.02- 01.03	113027#	14 130	01.02- 01.02	113242	12 1.4	
Cirrus 2.0		01.00-	113067	14 90				
Cirrus 2.4		01.00- 01.00	113067	14 90				
Cirrus 2.4 LX	[EDZ]	01.95- 01.97	113067	14 90				
Cirrus 2.4 LXI	[EDZ]	01.97-	113067	14 90				
Cirrus 2.5	[EEB]	01.98- 01.98	111529#	14 90	01.98- 01.98	112846	12 1.4	
		01.99- 01.00	111529#	14 90	01.99- 01.00	112846	12 1.4	
Cirrus 2.5 LX	[EEB]	01.95- 01.97	111529#	14 90	01.95- 01.97	112846	12 1.4	
Cirrus 2.5 LXI	[EEB]	01.95- 01.97	111529#	14 90	01.95- 01.97	112846	12 1.4	
Concorde 3.2	[EGW]	01.98- 01.01	113027#	14 130	01.98- 01.01	113242	12 1.4	
Concorde 3.5					01.93- 01.95	112845#	12 1.4	
Concorde 3.5 Limited		01.02- 01.03	113027#	14 130	01.02- 01.03	113242	12 1.4	
Concorde 3.5 LX					01.96- 01.97	112845#	12 1.4	
Concorde 3.5 LXI		01.03- 01.03	113027#	14 130	01.96- 01.97	112845#	12 1.4	
Cordoba 3.7		01.80- 01.82	110236	14 60	01.80- 01.82	110223	12 1.1	
Cordoba 3.7 Crown		01.80-	110236	14 60	01.80-	110223	12 1.1	
Cordoba 3.7 LS		01.80- 01.82	110236	14 60	01.80- 01.82	110223	12 1.1	
Cordoba 5.2		01.75- 01.82	110236	14 60	01.75- 01.82	110223	12 1.1	
Cordoba 5.2 Crown		01.80-	110236	14 60	01.80-	110223	12 1.1	
Cordoba 5.2 LS		01.81- 01.82	110236	14 60	01.81- 01.82	110223	12 1.1	
Cordoba 5.9		01.75- 01.79	110236	14 60	01.75- 01.79	110222	12 1.3	
Cordoba 6.6		01.75- 01.78	110236	14 60	01.75- 01.78	110222	12 1.3	
Daytona 2.2 Turbo		01.93-	113058#	14 120				
		01.93-	111193	14 90				
		01.89-	113051	14 120				
Daytona 2.2 Turbo IROC R/T		01.92-	113058#	14 120				
		01.92-	111193	14 90				
Daytona 2.5		01.90-	113058#	14 120				
		01.90-	111193	14 90				
		01.89-	113051	14 120				
Daytona 2.5 Turbo		01.90-	113058#	14 120				
		01.90-	111193	14 90				
		01.89-	113051	14 120				



Daytona 3.0	01.90-	113055#	14	90				
	01.91-	113056#	14	90				
Dynasty 2.5	01.89-	113051	14	120				
	01.90-	111193	14	90				
	01.90-	113058#	14	120				
Dynasty 3.0	01.90-	113055#	14	90				
Dynasty 3.3	01.91- 01.93	113056#	14	90	01.90-	114135	12	1.2
E Class 2.2	01.83- 01.84	110514	14	78				
E Class 2.2 Turbo	01.84-	110514	14	78				
Fifthavenue 3.7	01.83-	110236	14	60	01.83-	110223	12	1.1
Fifthavenue 5.2	01.83- 01.87	110236	14	60	01.88- 01.89	111456#	12	1.4
					01.83- 01.87	110223	12	1.1
Imperial 3.3	01.90-	113056#	14	90	01.90-	111492	12	1.4
Imperial 3.8	01.91- 01.93	113056#	14	90	01.91- 01.93	114135	12	1.2
					01.91- 01.93	111492	12	1.4
Imperial 5.2	01.81- 01.83	110236	14	60	01.81- 01.83	110223	12	1.1
Imperial 6.8	01.60- 01.65	110074	14	60				
Imperial 6.8 Lebaron	01.61- 01.61	110074	14	60				
Imperial 7.2	01.66- 01.67	110074	14	60	01.66- 01.67	110222	12	1.3
Imperial 7.2 Crown	01.70-	110236	14	60	01.68- 01.69	110222	12	1.3
	01.68- 01.69	110074	14	60				
Imperial 7.2 Lebaron	01.70- 01.75	110236	14	60	01.68- 01.75	110222	12	1.3
	01.68- 01.69	110074	14	60				
Intrepid 2.7	[EER]	01.98-	113365	14	120			
		01.03-	113365	14	120			
Intrepid 3.2	[EGW]	01.98-	113027#	14	130			
Intrepid 3.3	01.93- 01.93	113056#	14	90				
Intrepid 3.5	01.03-	113027#	14	130				
Laser 2.2	01.84- 01.86	110514	14	78				
Laser 2.2 XE	01.84- 01.85	110514	14	78				
Laser 2.2 Turbo	01.84- 01.86	110514	14	78				
Laser 2.2 Turbo XE	01.84- 01.86	110514	14	78				
Laser 2.5					01.86-	111425	12	1.4
Laser 2.5 XE					01.86-	111425	12	1.4
Lebaron 2.2	01.82-	110514	14	78				
Lebaron 2.2 Medallion	01.82-	110514	14	78				
Lebaron 2.2 Turbo GTC	01.90- 01.90	111193	14	90	01.90- 01.90	111425	12	1.4
	01.90- 01.90	113058#	14	120				
Lebaron 2.2 Turbo GTS	01.89-	113051	14	120	01.89-	111425	12	1.4
Lebaron 2.5	01.92-	111193	14	90	01.86- 01.93	111425	12	1.4
	01.92-	113058#	14	120				
Lebaron 2.5 GTS					01.86- 01.88	111425	12	1.4
Lebaron 2.5 Landau	01.92-	111193	14	90	01.92-	111425	12	1.4
	01.92-	113058#	14	120				
Lebaron 2.5 LE	01.93-	111193	14	90	01.93-	111425	12	1.4
	01.93-	113058#	14	120				
Lebaron 2.5 Turbo	01.89- 01.92	113051	14	120	01.89- 01.92	111425	12	1.4
Lebaron 2.5 Turbo GTC	01.89- 01.89	113051	14	120	01.89- 01.92	111425	12	1.4
	01.90- 01.92	113058#	14	120				
	01.90- 01.92	111193	14	90				
Lebaron 2.5 Turbo GTS	01.89-	113051	14	120	01.89-	111425	12	1.4
Lebaron 3.0	01.91- 01.94	113056#	14	90	01.90- 01.94	111456#	12	1.4
	01.90-	113055#	14	90				
Lebaron 3.0 GTC	01.91- 01.95	113056#	14	90	01.91- 01.95	111456#	12	1.4
Lebaron 3.0 Landau	01.91- 01.94	113056#	14	90	01.91- 01.94	111456#	12	1.4
Lebaron 3.0 LE	01.93- 01.94	113056#	14	90	01.93- 01.94	111456#	12	1.4
Lebaron 3.0 LX	01.91- 01.94	113056#	14	90	01.91- 01.94	111456#	12	1.4
Lebaron 3.7	01.78- 01.80	110236	14	60	01.78- 01.80	110223	12	1.1
Lebaron 3.7 Medallion	01.78- 01.80	110236	14	60	01.78- 01.80	110223	12	1.1
Lebaron 3.7 S	01.78-	110236	14	60	01.78-	110223	12	1.1
Lebaron 3.7 SALON	01.79- 01.80	110236	14	60	01.79- 01.80	110223	12	1.1
Lebaron 3.7 Special	01.81-	110236	14	60	01.81-	110223	12	1.1
Lebaron 3.7 Town & Counry	01.81-	110236	14	60	01.81-	110223	12	1.1
Lebaron 5.2	01.77- 01.80	110236	14	60	01.77- 01.80	110223	12	1.1
Lebaron 5.2 Medallion	01.77- 01.80	110236	14	60	01.77- 01.80	110223	12	1.1
Lebaron 5.2 S	01.78-	110236	14	60	01.78-	110223	12	1.1
Lebaron 5.2 SALON	01.79- 01.80	110236	14	60	01.79- 01.80	110223	12	1.1
Lebaron 5.2 Special	01.81-	110236	14	60	01.81-	110223	12	1.1
Lebaron 5.9	01.78- 01.79	110236	14	60	01.78- 01.79	110222	12	1.3
Lebaron 5.9 Medallion	01.78- 01.79	110236	14	60	01.78- 01.79	110222	12	1.3
Lebaron 5.9 SALON	01.79-	110236	14	60	01.79-	110222	12	1.3
Lecar 2.2 Turbo GTC	01.89-	113051	14	120				
LHS 3.5	01.99- 01.01	113027#	14	130	01.99- 01.01	113242	12	1.4
					01.94- 01.97	112845#	12	1.4
New Yorker 2.2	01.83-	110514	14	78				
	01.83-	110236	14	60				
New Yorker 2.2 Turbo					01.88-	111425	12	1.4
New Yorker 2.5					01.86- 01.87	111425	12	1.4
New Yorker 2.6	01.83- 01.85	110236	14	60				
New Yorker 3.0					01.88- 01.89	111456#	12	1.4
New Yorker 3.0 Landau					01.88- 01.89	111456#	12	1.4
New Yorker 3.3	01.90- 01.93	113056#	14	90	01.90- 01.93	111492	12	1.4
New Yorker 3.3 Fifth Avenue	01.90- 01.93	113056#	14	90	01.90- 01.93	111492	12	1.4
New Yorker 3.3 Landau	01.90-	113056#	14	90	01.90-	111492	12	1.4
New Yorker 3.5					01.94- 01.96	112845#	12	1.4
New Yorker 3.7	01.82-	110236	14	60	01.82-	110223	12	1.1
New Yorker 3.8 Fifth Avenue	01.91- 01.93	113056#	14	90	01.91- 01.93	111492	12	1.4
New Yorker 5.2	01.79- 01.82	110236	14	60	01.79- 01.82	110223	12	1.1
New Yorker 5.9	01.77- 01.80	110236	14	60	01.77- 01.80	110222	12	1.3

# STARTERS & ALTERNATORS

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Application list

CHRYSLER Continued

New Yorker 5.9 Brougham		01.77- 01.78	110236	14 60		01.77- 01.78	110222	12 1.3
New Yorker 6.6 Brougham		01.75- 01.78	110236	14 60		01.75- 01.78	110222	12 1.3
New Yorker 6.8		01.60- 01.65	110074	14 60				
New Yorker 7.0		01.63- 01.63	110074	14 60				
New Yorker 7.2		01.66- 01.69	110074	14 60		01.66- 01.74	110222	12 1.3
		01.70- 01.74	110236	14 60				
New Yorker 7.2 Brougham		01.72- 01.78	110236	14 60		01.72- 01.78	110222	12 1.3
Newport 3.7		01.79-	110236	14 60		01.79-	110223	12 1.1
Newport 5.2		01.79- 01.80	110236	14 60		01.79- 01.80	110223	12 1.1
Newport 5.9		01.71- 01.80	110236	14 60		01.71- 01.80	110222	12 1.3
		01.61- 01.64	110074	14 60				
Newport 5.9 Custom		01.74- 01.76	110236	14 60		01.74- 01.76	110222	12 1.3
Newport 5.9 Royal		01.72-	110236	14 60		01.72-	110222	12 1.3
Newport 6.3		01.65- 01.69	110074	14 60		01.70- 01.71	110222	12 1.3
		01.70- 01.71	110236	14 60		01.65- 01.69	110223	12 1.1
Newport 6.3 Custom		01.70- 01.71	110236	14 60		01.70- 01.71	110222	12 1.3
		01.68- 01.69	110074	14 60		01.68- 01.69	110223	12 1.1
Newport 6.6		01.73- 01.78	110236	14 60		01.73- 01.78	110222	12 1.3
Newport 6.6 Custom		01.72- 01.76	110236	14 60		01.72- 01.76	110222	12 1.3
Newport 6.6 Royal		01.72-	110236	14 60		01.72-	110222	12 1.3
Newport 6.8		01.59- 01.64	110074	14 60				
Newport 7.0		01.63- 01.63	110074	14 60				
Newport 7.2		01.66- 01.67	110074	14 60		01.66- 01.78	110222	12 1.3
		01.70- 01.78	110236	14 60				
Newport 7.2 Custom		01.70- 01.76	110236	14 60		01.68- 01.76	110222	12 1.3
		01.68- 01.69	110074	14 60				
Newport 7.2 Royal		01.72-	110236	14 60		01.72-	110222	12 1.3
Prowler 3.5						01.01-	112845#	12 1.4
						01.02- 01.02	113242	12 1.4
Sebring 2.0 LX	[ECF]	01.96- 01.98	111530	14 90				
		01.95- 01.99	111530	14 90				
Sebring 2.4 JX	[EDZ]	01.96- 01.97	113067	14 90				
		01.98- 01.98	113069	14 125				
Sebring 2.4 JXI	[EDZ]	01.97- 01.98	113069	14 125				
Sebring 2.5 JX	[EEB]	01.96- 01.98	113027#	14 130		01.96- 01.98	112846	12 1.4
		01.96- 01.98	113069	14 125				
		01.99- 01.00	113027#	14 130		01.99- 01.00	112846	12 1.4
		01.99- 01.00	113069	14 125				
Sebring 2.5 JXI	[EEB]	01.96- 01.98	113027#	14 130		01.96- 01.98	112846	12 1.4
		01.96- 01.98	113069	14 125				
		01.99- 01.00	113069	14 125		01.99- 01.00	112846	12 1.4
Sebring 2.5 LX	[EEB]	01.96- 01.98	113027#	14 130		01.96-	112846	12 1.4
		01.96-	113069	14 125				
		01.95- 01.00	113027#	14 130		01.99- 01.99	112846	12 1.4
		01.99- 01.99	113069	14 125				
Sebring 2.5 LXI	[EEB]	01.96- 01.98	113027#	14 130		01.96- 01.98	112846	12 1.4
		01.96- 01.98	113069	14 125				
		01.95- 01.00	113027#	14 130		01.99- 01.99	112846	12 1.4
		01.99- 01.99	113069	14 125				
TC 2.2 Turbo Maserati						01.89- 01.90	111425	12 1.4
TC 3.0 Maserati		01.90- 01.91	113056#	14 90		01.90- 01.91	111456#	12 1.4
Town & Country 2.2		01.82- 01.84	110514	14 78				
		01.82- 01.84	110236	14 60				
Town & Country 2.5						01.86- 01.88	111425	12 1.4
Town & Country 2.6		01.82- 01.82	110236	14 60				
Town & Country 3.3		01.01- 01.05	113803	14 130		01.90- 01.00	111492	12 1.4
		01.90- 01.97	113056#	14 90				
Town & Country 3.3 LX						01.96- 01.98	111492	12 1.4
Town & Country 3.3 SX						01.97- 01.98	111492	12 1.4
Town & Country 3.3	[EGM]					01.98- 01.00	111492	12 1.4
		01.01- 01.05	113803	14 130				
Town & Country 3.3 LX		01.01- 01.05	113803	14 130				
Town & Country 3.3 LXI		01.01- 01.05	113803	14 130				
Town & Country 3.7		01.78- 01.80	110236	14 60		01.78- 01.80	110223	12 1.1
Town & Country 3.8		01.01- 01.05	113803	14 130		01.94- 01.00	111492	12 1.4
		01.94- 01.96	113056#	14 90				
Town & Country 3.8 LX						01.96- 01.98	111492	12 1.4
Town & Country 3.8 LXI						01.96- 01.98	111492	12 1.4
Town & Country 3.8 SX						01.97- 01.98	111492	12 1.4
Town & Country 5.2		01.78- 01.80	110236	14 60		01.78- 01.80	110223	12 1.1
Town & Country 5.9		01.61- 01.64	110074	14 60		01.78- 01.79	110222	12 1.3
		01.78- 01.79	110236	14 60				
Town & Country 6.3		01.61- 01.69	110074	14 60		01.65-	110223	12 1.1
		01.70- 01.71	110236	14 60		01.68- 01.71	110222	12 1.3
Town & Country 6.6		01.72- 01.77	110236	14 60		01.72- 01.77	110222	12 1.3
Town & Country 6.8		01.60- 01.65	110074	14 60				
Town & Country 7.0		01.63- 01.63	110074	14 60				
Town & Country 7.2		01.70- 01.77	110236	14 60		01.68- 01.77	110222	12 1.3
		01.68- 01.69	110074	14 60				
Voyager 3.3		01.01- 01.05	113803	14 130				
Voyager 3.3		01.01- 01.05	113803	14 130				
Voyager 3.3 LX		01.01- 01.05	113803	14 130				
Windsor 6.3		01.60-	110074	14 60				
6.3		01.68- 01.69	110074	14 60		01.68- 01.69	110222	12 1.3
PASSENGER CARS AO								
Cirrus 2.0 LX	[ECB]	10.97- 09.00	113067	14 90		10.97- 09.00	113587#	12 1.1
Cirrus 2.4 LX	[EDZ]	05.94- 09.00	113067	14 90				
Cirrus 2.5 LX	[EEB]					10.94- 09.00	112846	12 1.4
Concorde 2.7 LX	[EER]					10.97- 09.03	114328	12 1.6





Sebring 2.5 LE	[EEB]	05.95- 09.00	113069	14	125		05.95- 09.00	112846	12	1.4
MARINE										
Various Models							01.66- 01.84	110636	12	0.6
Citroen										
PASSENGER CARS EU										
2 CV 4 0.4	[A53]	03.63- 02.70	110743	14	30	A30	03.63- 02.70	111100	12	0.7
	[A79/1]	01.70- 12.75	110743	14	30	A30	01.70- 12.75	111100	12	0.7
2 CV 6 0.6	[A06/635]	02.70- 07.90	110743	14	30		02.70- 07.90	111100	12	0.7
	[A06/664]	02.70- 07.90	110743	14	30		02.70- 07.90	111100	12	0.7
	[M28/1]	09.75- 06.81	110743	14	30		09.75- 06.81	111100	12	0.7
Acadiane 6 0.6	[A06/664]						08.78- 07.87	111100	12	0.7
	[M28 (AM2)]						08.78- 10.88	111100	12	0.7
Ami 6 0.6	[M28]	05.68- 07.69	110743	14	30		05.68- 07.69	111100	12	0.7
Ami 8 0.6	[M28]	07.69- 12.77	110743	14	30		07.69- 12.77	111100	12	0.7
Ami Super 1.0	[G10]	03.68- 06.78	110743	14	30					
AX 1.0	[C1A]	09.86- 06.92	111841	14	50		09.86- 06.92	110584	12	1.2
		09.86- 06.92	112754	14	70					
AX 10 1.0	[C3A]	12.86- 12.88	110077	14	50		12.86- 12.88	110584	12	1.2
		12.86- 12.88	111841	14	50					
		12.86- 12.88	112754	14	70					
	[CDY (TU9M)]	07.86- 12.98	110077	14	50		07.86- 12.98	110584	12	1.2
		07.86- 12.98	111841	14	50					
		07.86- 12.98	112754	14	70					
	[CDZ (TU9M)]	02.87- 12.98	110077	14	50		07.92-	110584	12	1.2
		02.87- 12.98	112754	14	70					
		07.92-	111841	14	50					
		AC 02.87- 12.98	114026	14	80					
		AC 07.92- 12.98	110993#	14	50					
AX 11 1.1	[H1B]	09.86- 12.97	110077	14	50		10.89- 07.96	110584	12	1.2
		09.86- 12.97	112754	14	70					
		10.89- 07.96	111841	14	50					
	[H1B (TU1)]	10.86- 06.90	111841	14	50		12.86- 06.90	110584	12	1.2
		12.86- 04.94	110077	14	50					
		12.86- 04.94	112754	14	70					
	[HAZ (TU1CP)]	09.88- 12.89	110077	14	50		09.88- 12.89	110584	12	1.2
		09.88- 12.89	111841	14	50					
		09.88- 12.89	112754	14	70					
	[HDZ (TU1M)]	09.86- 12.97	110077	14	50					
		09.86- 12.97	112754	14	70					
AX 11 1.1 4x4	[H1A (TU1)]	06.91- 07.92	110077	14	50		06.91- 07.92	111994	12	0.7
		06.91- 07.92	111841	14	50		06.91- 07.92	110584	12	1.2
		06.91- 07.92	112754	14	70					
		AC 06.91- 07.92	114026	14	80					
AX 13 1.3 Sport	[M4A]	04.87- 12.88	110077	14	50		04.87- 12.88	110584	12	1.2
		04.87- 12.88	111841	14	50					
		04.87- 12.88	112754	14	70					
AX 14 1.4	[K1F (TU3A)]	06.88- 12.89	110077	14	50		06.88- 12.89	110584	12	1.2
		06.88- 12.89	111841	14	50					
		06.88- 12.89	112754	14	70					
	[K2A]	01.88- 12.92	110077	14	50		01.88- 07.91	110584	12	1.2
		01.88-	111841	14	50					
		01.88- 12.92	112754	14	70					
	[K2B]	01.88- 12.92	110077	14	50		01.88- 07.91	110584	12	1.2
		01.88-	111841	14	50					
		01.88- 12.92	112754	14	70					
	[KAY (TU3CP)]	10.86- 12.88	111841	14	50		12.86- 12.88	110584	12	1.2
		12.86- 12.88	110077	14	50					
		12.86- 12.88	112754	14	70					
	[KDX (TU3M/Z)]	04.87- 04.97	110077	14	50		03.89- 04.91	110584	12	1.2
		04.87- 04.97	112754	14	70					
		03.89-	111841	14	50					
	[KDY (TU3FM)]	04.87- 04.97	110077	14	50		03.89- 04.91	110584	12	1.2
		04.87- 04.97	112754	14	70					
		03.89-	111841	14	50					
	[KDY (TU3M)]	04.87- 04.97	110077	14	50		04.87- 04.97	110584	12	1.2
		04.87- 04.97	112754	14	70					
	[KDZ (TU3M/Z)]	04.87- 04.97	110077	14	50		04.87- 04.97	110584	12	1.2
		04.87- 04.97	112754	14	70					
AX 14 1.4 4x4	[KDX (TU3M/Z)]	08.91- 12.96	110077	14	50		01.93- 12.96	110584	12	1.2
		08.91- 12.96	112754	14	70					
		01.93- 12.96	111841	14	50					
	[KDY (TU3FM)]	06.90- 12.96	111841	14	50		06.90- 12.96	110584	12	1.2
		08.91- 12.96	110077	14	50					
		08.91- 12.96	112754	14	70					
	[KDY (TU3M)]	06.90- 12.96	110077	14	50		06.90- 12.96	110584	12	1.2
		06.90- 12.96	111841	14	50					
		08.91- 12.96	112754	14	70					
	[KDZ (TU3M/Z)]	06.88- 05.90	111841	14	50		06.88- 05.90	110584	12	1.2
		08.91- 12.96	110077	14	50					
		08.91- 12.96	112754	14	70					
AX 14 1.4 GTi	[KFZ (TU3FJ2)]	06.91- 12.92	110077	14	50		06.91- 12.92	110584	12	1.2
		06.91- 12.92	111841	14	50					
		06.91- 12.92	112754	14	70					
AX 14 1.4 i	[KFY (TU3FJ2)]	08.91- 12.96	110077	14	50		10.87- 07.91	110584	12	1.2
		08.91-	111841	14	50					
		08.91- 12.96	112754	14	70					
	[KFZ (TU3FJ2)]	06.91- 12.96	110077	14	50		10.87- 07.91	110584	12	1.2
		06.91-	111841	14	50					
		06.91- 12.96	112754	14	70					

## STARTERS & ALTERNATORS

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Application list

**CITROEN** *Continued*

AX 14 1.4 Diesel	[K9A (TUD3)]	09.88- 06.92	110077	14 50	09.88- 06.92	111029	12 1.4
		09.88- 06.92	110619	14 70			
		09.88- 06.92	111841	14 50			
		09.88- 06.92	112754	14 70			
	[K9Y (TUD3Y)]	08.91- 12.97	110077	14 50	08.91- 12.97	111029	12 1.4
		08.91- 12.97	110619	14 70			
		08.91- 12.97	111841	14 50			
		08.91- 12.97	112754	14 70			
		08.91- 12.97	110077	14 50			
		08.91- 12.97	110619	14 70			
AX 15 1.5 Diesel	[VJY (TUD5)]	08.94-	111532	14 80	08.94-	111029	12 1.4
		08.94-	111841	14 50			
		08.94-	112287	14 70			
	[VJZ (TUD5)]	08.94-	111532	14 80	08.94-	111029	12 1.4
		08.94-	111841	14 50			
		08.94-	112287	14 70			
Berlingo 1.1 i	[HDZ (TU1M)]	07.96-	110619	14 70	07.96-	110584	12 1.2
		07.96-	111723	14 70			
		07.96-	112782	14 80			
Berlingo 1.4 i	[HFX (TU1JP)]	07.96-	110619	14 70	06.00- 11.02	111994	12 0.7
		07.96-	111723	14 70			
		07.96-	112782	14 80			
Berlingo 1.4 i	[KFW (TU3JP)]	07.96-	110619	14 70	06.00- 11.02	111994	12 0.7
		07.96-	111723	14 70			
		07.96-	112782	14 80			
Berlingo 1.4 Bivalent	[KFX (TU3JP)]	07.96-	110619	14 70	07.96-	110584	12 1.2
		07.96-	111723	14 70			
Berlingo 1.4 Bivalent	[KFW (TU3JP)]	11.02-	113405	14 70	11.02-	110584	12 1.2
		11.02-	113575	14 80			
Berlingo 1.4 i Bivalent	[KFW (TU3JP)]	11.02-	112469	14 90	11.02-	110584	12 1.2
		04.03-	113575	14 80			
Berlingo 1.6	[5FK (EP6C)]				07.10-	113960	12 0.9
Berlingo 1.6 16V	[5FS (EP6C)]				11.09-	113960	12 0.9
Berlingo 1.6 16V	[NFU (TU5JP4)]	10.00-	112648	14 70	10.00-	111994	12 0.7
		10.00-	113575	14 80			
Berlingo 1.6 VTI	[5FK (EP6C)]				07.10-	113960	12 0.9
Berlingo 1.6 VTI 120	[5FS (EP6C)]				11.09-	113960	12 0.9
Berlingo 1.6 HDI	[9HR (DV6C)]				07.10-	113933	12 1.5
	[9HT (DV6BUTED4)]				04.08-	114030	12 2.2
	[9HT (DV6BTED4)]				04.08-	114030	12 2.2
	[9HX (DV6ATED4)]	07.05-	113640	14 150	09.05-	113254	12 1.1
		AC 07.05-	113640	14 150			
	[9HZ (DV6TED4)]				07.05-	114030	12 2.2
[DV6B]				08.05-	114030	12 2.2	
Berlingo 1.6 HDi 110	[9HR (DV6C)]	07.05-	113640	14 150	01.06-	113254	12 1.1
Berlingo 1.6 HDi 110	[9HR (DV6C)]				07.05-	114460	12 1.4
Berlingo 1.6 HDi 115	[9HL (DV6C)]				07.10-	113933	12 1.5
Berlingo 1.6 HDi 115	[9HR (DV6C)]				07.10-	114030	12 2.2
Berlingo 1.6 HDi 90	[9HP (DV6DTED)]				07.10-	113933	12 1.5
Berlingo 1.6 HDi 90	[9HX (DV6ATED4)]				07.10-	113254	12 1.1
Berlingo 1.6 HDi 90	[9HX (DV6ATED4)]				07.10-	113254	12 1.1
Berlingo 1.6 HDi 90	[9HX (DV6ATED4)]				07.10-	113933	12 1.5
Berlingo 1.6 HDi 90	[9HX (DV6ATED4)]				07.10-	114030	12 2.2
Berlingo 1.6 HDi 90	[9HX (DV6ATED4)]				04.08-	113640	14 150
Berlingo 1.8 i	[LFX (XU7JB)]	05.97- 10.02	111318	14 80	A13 05.97- 10.02	113443	12 1.4
		05.97- 10.02	113604	14 95			
Berlingo 1.8 i 4WD	[LFX (XU7JB)]	05.97- 11.02	111318	14 80	05.97- 11.02	111130	12 1.1
		05.97-	113604	14 95			
Berlingo 1.8 Diesel	[A9A (XUD7)]	07.96- 11.02	111893	14 70	07.96-	114460	12 1.4
		07.96- 11.02	112230	14 80			
		07.96- 11.02	112292	14 70			
		07.96- 11.02	112688	14 95			
		07.96- 11.02	112703	14 120			
		07.96- 11.02	113485	14 80			
		PS 07.96-	111893	14 70			
		PS 07.96-	112688	14 95			
		PS 07.96-	113485	14 80			
		PS 07.96-	111893	14 70			
Berlingo 1.9 Diesel	[D9B (XUD9A/L)]	PS 07.96- 11.02	111893	14 70	07.96-	111070	12 1.7
	[DJY (XUD9A)]	07.96-	112230	14 80	07.96-	114460	12 1.4
		07.96-	112292	14 70			
		ACPS 07.96-	113485	14 80			
		AC 07.96-	112688	14 95			
		AC 07.96-	112703	14 120			
	[WJY (DW8B)]	04.99-	112058	14 70	04.99-	111070	12 1.7
		04.99- 11.02	113603	14 80			
		PS 04.99-	112480	14 90			
PS 04.99-		113503	14 120				
ACPS 04.99-		112480	14 90				
ACPS 04.99-		113503	14 120				
[WJZ (DW8)]	07.98-	112058	14 70	07.98-	114460	12 1.4	
	07.98- 11.02	113603	14 80				
	PS 07.98-	112480	14 90				
	PS 07.98-	113503	14 120				
	ACPS 07.98-	112480	14 90				
	ACPS 07.98-	113503	14 120				

**STARTERS & ALTERNATORS**

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Berlingo 1.9 Diesel 4WD	[WJY (DW8B)]	07.98- 11.02	112058	14 70	07.98- 11.02	111070	12 1.7
		07.98- 11.02	112480	14 90	07.98-	114460	12 1.4
		07.98- 11.02	113503	14 120			
Berlingo 2.0 HDI	[RHY (DW10TD)]	11.02-	113603	14 80	12.99-	111070	12 1.7
		11.02-	113755	14 150	12.99-	114460	12 1.4
		12.99-	112460	14 150			
		12.99- 11.02	112480	14 90			
		12.99- 11.02	113503	14 120			
Berlingo 2.0 HDI 4WD	[RHY (DW10TD)]	12.99- 11.02	112058	14 70	12.99- 11.02	111070	12 1.7
		12.99- 11.02	112460	14 150	11.00-	114460	12 1.4
		12.99- 11.02	112480	14 90			
BX 1.4	[150C]				07.88- 01.93	110584	12 1.2
					07.88- 01.93	110584	12 1.2
BX 1.6	[B6D]				07.82- 01.93	110587	12 1.2
BX 1.9 Diesel					09.83- 01.93	111070	12 1.7
BX 11 1.1	[H1A]	09.83- 06.88	111075	14 55	10.86- 05.88	111068	12 0.85
		07.88- 06.92	111841	14 50	06.88- 06.92	110584	12 1.2
BX 11	[HDZ (TU1M)]	05.88- 09.91	110916#	14 40	10.88- 06.92	110584	12 1.2
		05.88- 09.91	111841	14 50			
		10.88- 06.92	110077	14 50			
BX 14 1.4	[150A]	10.82- 06.88	111075	14 55	11.84- 06.88	111068	12 0.85
		10.82- 06.88	111402	14 50			
		10.82- 10.88	111402	14 50	11.84- 02.93	111068	12 0.85
	[150C]	04.83- 02.93	110077	14 50	04.88- 02.93	110584	12 1.2
		04.83- 07.88	111075	14 55			
		04.83- 02.93	111841	14 50			
	[150F]	04.83- 02.93	112754	14 70			
		10.82- 10.88	111402	14 50	09.85- 02.93	111068	12 0.85
		09.85- 02.93	110077	14 50	04.88- 02.93	110584	12 1.2
	[K1H (TU3A)]	09.85- 07.88	111075	14 55			
		09.85- 02.93	112754	14 70			
		07.88- 02.93	111841	14 50			
		01.89- 12.89	110077	14 50	01.89- 12.89	110584	12 1.2
		01.89- 12.89	110619	14 70	01.89- 12.89	111068	12 0.85
	[KDY (TU3M)]	01.89- 12.89	111076	14 50			
01.89- 12.89		111841	14 50				
01.89- 02.93		112754	14 70				
01.89- 02.93		110077	14 50	01.89- 02.93	110584	12 1.2	
[KDZ (TU3M/Z)]	01.89- 02.93	111841	14 50				
	01.89- 02.93	112754	14 70	01.89- 02.93	110584	12 1.2	
	01.89- 02.93	111841	14 50	01.89- 02.93	111068	12 0.85	
BX 15 1.6	[B1E (XU51C)]	01.89- 02.93	112754	14 70			
BX 16 1.6	[171A]	10.87- 05.92	111076	14 50	10.87- 05.92	110587	12 1.2
		10.82- 06.88	111076	14 50	10.82- 06.88	110587	12 1.2
	[171B]	06.85- 06.88	112162	14 70	06.85- 06.88	111130	12 1.1
		10.82- 06.88	111076	14 50	10.82- 06.88	110587	12 1.2
	[171C]	06.85- 06.88	112162	14 70	06.85- 06.88	111130	12 1.1
		07.84- 06.88	111076	14 50	06.85- 06.88	111130	12 1.1
	[171D]	06.85- 06.88	112162	14 70	07.84- 06.88	110587	12 1.2
		07.85- 12.94	111076	14 50	07.85- 12.94	110587	12 1.2
	[180Z]	03.86- 12.94	111076	14 50	03.86- 12.94	110587	12 1.2
	[B1A (XU52C/K)]	09.87- 02.93	111076	14 50	09.87- 02.93	110587	12 1.2
	[B1E (XU51C)]	09.87- 12.94	111076	14 50	09.87- 12.94	110587	12 1.2
		09.88- 12.94	111075	14 55			
	[BAY (XU5CP)]	09.88-	111076	14 50	09.88-	110587	12 1.2
	[BAZ (XU5CP)]	09.88-	111076	14 50	09.88- 02.93	111070	12 1.7
	[BDY (XU5M)]	05.89- 12.94	111076	14 50	05.89- 12.94	110587	12 1.2
	[BDZ (XU5M)]	05.89- 12.94	111130	12 1.1	05.89- 12.94	111130	12 1.1
		05.89- 02.93	111076	14 50	05.89- 02.93	110587	12 1.2
[XU52C]	10.82- 08.84	111076	14 50	10.82- 08.84	110587	12 1.2	
BX 16 1.9	[BAY (XU5CP)]	09.88-	111076	14 50	09.88-	110587	12 1.2
BX 17 1.7 TD	[A8A (XUD7TE)]	03.88- 12.94	112162	14 70			
BX 17 1.8 Diesel	[161 (XUD7)]	10.85- 09.93	111076	14 50	10.85- 09.93	111070	12 1.7
		10.85- 09.93	111076	14 50	10.85- 09.93	111070	12 1.7
BX 17 1.8 TD	[AJZ (XUD7TE)]	03.88- 12.94	112162	14 70			
BX 19 1.8 Turbo TRD	[AJZ (XUD7TE)]	02.88- 12.94	111070		02.88- 12.94	111070	12 1.7
BX 19 1.9	[159A]	07.86- 05.89	111076	14 50	07.86- 05.89	110587	12 1.2
		07.86- 05.89	111075	14 55	07.86- 05.89	111130	12 1.1
	[D2A (XU92C)]	07.86- 12.94	111076	14 50	07.86- 12.94	110587	12 1.2
	[D2C (XU92C)]	09.86- 12.89	111076	14 50	09.86- 12.89	110587	12 1.2
	[DDZ (XU9M)]	06.88- 12.94	111076	14 50	06.88- 12.94	110587	12 1.2
	[DFZ (XU9J1)]	07.86-	111076	14 50	07.86-	110587	12 1.2
	[DKZ (XU9JA)]	06.88- 12.94	111076	14 50	06.88- 12.94	110587	12 1.2
	BX 19 1.9 4x4	[D2F]	04.89- 02.93	111076	14 50	04.89- 02.93	111070
10.90- 05.91			111076	14 50	10.90- 05.91	110587	12 1.2
					A13 10.90- 05.91	111070	12 1.7
BX 19 1.9 GTi 4x4	[DKZ (XU9JA)]	06.88- 02.93	111076	14 50	06.88- 02.93	111130	12 1.1
BX 19 1.9 GTi	[D6A (XU9J2)]	07.86- 02.93	111076	14 50	07.86- 02.93	111130	12 1.1
BX 19 1.9 GTi 16V	[D6C (XU9J4)]	09.87- 12.88	111076	14 50	09.87- 12.88	110587	12 1.2
		03.88- 02.93	111076	14 50	03.88- 02.93	110587	12 1.2
BX 19 1.9 Diesel	[162 (XUD9)]	09.83- 12.87	111076	14 50	09.83- 08.95	111070	12 1.7
		09.83- 12.87	111076	14 50	09.83- 12.87	111070	12 1.7
		03.87- 12.94	111076	14 50	03.87- 12.94	111070	12 1.7
BX 19 1.9 Turbo TRD	[A8A (XUD7TE)]	03.88- 12.94	111070		03.88- 12.94	111070	12 1.7
		03.88- 02.93	112162	14 70			

## STARTERS & ALTERNATORS

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**CITROEN** *Continued*

C1 1.0	[CFA (384F)]	06.05-	114090	14 70	06.05-	113963	12 1.1
		06.05-	114099	14 80			
C1 1.4 HDi	[DV4D]	06.05-	113755	14 150	06.05-	113254	12 1.1
		06.05-	113948	14 150			
C15 1.0	[TU9] [XV8]	10.84- 12.97	110077	14 50	05.88- 06.95	110584	12 1.2
		10.84- 12.97	110077	14 50			
		05.88- 06.95	111841	14 50			
C15 1.1 E	[109K] [E1A (TU1)]	10.84- 07.88	111075	14 55	10.84- 05.88	111068	12 0.85
		10.84- 07.88	110993#	14 50			
C15 1.1 i.e.	[HDZ (TU1M)]	07.88- 12.96	110077	14 50	07.88- 12.96	110584	12 1.2
		07.88-	110916#	14 40			
		07.88- 12.96	111841	14 50			
		07.88- 12.96	112754	14 70			
C15 1.3	[G1A]	07.87- 05.88	110077	14 50			
		07.87- 05.88	111841	14 50			
C15 1.4	[K1H (TU3A)]	07.87- 12.96	110077	14 50	07.87- 12.96	110584	12 1.2
		07.87- 12.96	111841	14 50			
		07.87- 12.96	112754	14 70			
C15 1.4 E	[150D (XY7)]	01.86- 01.87	111075	14 55	07.86-	110584	12 1.2
C15 1.4 i	[K3A]	07.87-	111841	14 50	07.87-	110584	12 1.2
		07.87- 12.96	112754	14 70			
C15 1.4 i.e.	[KDY (TU3FM)]	05.91- 12.96	110077	14 50	05.91-	110584	12 1.2
		05.91-	111841	14 50			
		05.91- 12.96	112754	14 70			
	[KDY (TU3M)]	05.91- 12.96	110077	14 50	05.91-	110584	12 1.2
		05.91-	111841	14 50			
		05.91- 12.96	112754	14 70			
C15 1.8 Diesel	[161A (XUD7)]	07.84-	111076	14 50	07.86-	111070	12 1.7
		07.86-	112162	14 70			
C15 1.9 Diesel	[WJX (DW8B)]	12.00-	112058	14 70	12.00- 12.00- 12.05	111070	12 1.7
C2 1.1	[HFX (TU1JP)]	09.03-	113246	14 90	06.03-	110584	12 1.2
		09.03-	113250	14 70			
C2 1.4	[KFX (TU3JP)]	09.03-	113246	14 90	06.03-	111994	12 0.7
		09.03-	113250	14 70			
C2 1.4 16V	[KFU (ET3J4)]	06.06-	113250	14 70			
		A25 06.06-	114044	14 150			
C2 1.4 HDi	[8HX (DV4TD)]	09.03-	113640	14 150	09.03-	113933	12 1.5
		09.03-	113755	14 150			
		09.03-	113948	14 150			
C2 1.6	[NFU (TU5JP4)]	09.03-	113246	14 90	06.03-	110584	12 1.2
		09.03-	113250	14 70			
C2 1.6 VTS	[NFS (TU5JP4S)]	01.05-	113405	14 70	10.04-	110584	12 1.2
C2 1.6 HDi	[9HZ (DV6TED4)]				09.05-	114030	12 2.2
C25 1.9 Diesel	[D9B (XUD9A/U)]	07.87- 02.94	111076	14 50	07.87- 02.94	111070	12 1.7
C25 1.9 TD	[M705]	04.92- 02.94	113187	14 85	04.92-	111421	12 2.2
C25 2.0	[170A (XN1T)] [170B (XN1T)] [170C (XN1T)]	09.81- 03.94	110769#	14 70	09.81- 03.94	111066	12 1.05
		09.81- 02.94	110769#	14 70	09.81- 03.94	110793	12 0.9
					09.81- 02.94	111066	12 1.05
					02.91- 02.94	111066	12 1.05
					02.91-	110793	12 0.9
C25 2.5 Diesel	[CRD93L]	07.81- 02.94	111071	14 75	07.81- 02.94	111115	12 2.2
C25 2.5 Diesel 4x4	[CRD93L]	01.81-	111071	14 75	01.87- 02.94	111115	12 2.2
C25 2.5 TD	[CRD93LS]				08.87- 02.94	111115	12 2.2
C25 2.5 TD 4x4	[CRD93LS]				08.87- 02.94	111115	12 2.2
C25 E 1.8	[169 (XM7T)]	10.81- 02.94	110769#	14 70	10.81- 02.94	111066	12 1.05
C3 1.0 VTI 68					08.12-	113960	12 0.9
C3 1.1 i	[HFX (TU1JP)]	02.02-	113246	14 90	02.02-	110584	12 1.2
		02.02-	113250	14 70			
C3 1.2 VTI 82					06.12-	113960	12 0.9
C3 1.4	[KFT (TU3AE5)] [KFX (TU3JP)]	11.09-	114707	14 80			
		05.03-	113246	14 90			
		05.03-	113250	14 70			
C3 1.4 Picasso	[8FP (EP3)]				02.09-	113960	12 0.9
C3 1.4 16V	[8FP (EP3)] [KFU (ET3J4)]				11.09-	113960	12 0.9
		12.03-	113246	14 90			
		12.03-	113250	14 70			
		A25 12.03-	114044	14 150	12.03-	110584	12 1.2
C3 1.4 i Bivalent	[KFV (TU3JP)]	02.02-	113246	14 90	02.02-	111994	12 0.7
		02.02-	113250	14 70	02.02-	110584	12 1.2
C3 1.4 HDi	[8HX (DV4TD)]	02.02-	113755	14 150	09.01-	113254	12 1.1
		04.04-	113640	14 150			
	[8HZ (DV4TD)]				11.09-	113933	12 1.5
C3 1.4 HDi 16V	[8HY (DV4TED4)]	02.02-	113755	14 150	09.01- 02.02-	113254 113933	12 1.1 12 1.5
C3 1.6	[NFU (TU5JP4)]	05.03-	113246	14 90	05.03-	110584	12 1.2
		05.03-	113250	14 70			
C3 1.6 Picasso	[5FS (EP6C)]				02.09-	113960	12 0.9
C3 1.6 16V	[5FS (EP6C)] [NFU (TU5JP4)]				11.09-	113960	12 0.9
		02.02- 09.05	113246	14 90			
		02.02- 09.05	113250	14 70	02.02- 09.05	111994	12 0.7
C3 1.6 HDi	[9HP (DV6DTED)] [9HX (DV6ATED4)]				11.09-	113254	12 1.1
C3 1.6 HDi 115					09.12-	113254	12 1.1
					09.12-	114030	12 2.2
C3 1.6 HDi 115 Picasso	[9HL (DV6C)]				01.13-	113933	12 1.5



C3 1.6 HDi 16V	[9HX (DV6ATED4)]	10.05-	113640	14	150	10.05-	113254	12	1.1
						10.05-	113933	12	1.5
						10.05-	114030	12	2.2
	[9HZ (DV6TED4)]	09.05-	113640	14	150	09.05-	111848	12	1.0
						09.05-	113254	12	1.1
						09.05-	113933	12	1.5
						09.05-	114030	12	2.2
C3 1.6 HDi Picasso	[9HZ (DV6TED4)]					02.09-	114030	12	2.2
C4 1.4 16V	[KFU (ET3J4)]	11.04-	113405	14	70	11.04-	111994	12	0.7
						11.04-	110584	12	1.2
C4 1.6 Grand Picasso	[5FT (EP6DT)]					07.08-	113960	12	0.9
C4 1.6 Picasso	[5FT (EP6DT)]					07.08-	113960	12	0.9
C4 1.6 Picasso THP 155	[5FV (EP6CDT)]	09.10-	112772	14	120	09.10-	113960	12	0.9
C4 1.6 THP 140	[5FT (EP6DT)]					07.08-	113960	12	0.9
C4 1.6 THP 150	[5FX (EP6DT)]					07.08-	113960	12	0.9
C4 1.6 16V	[5FS (EP6C)]					11.09-	113960	12	0.9
	[5FV (EP6CDT)]					11.09-	113960	12	0.9
	[NFU (TU5JP4)]	11.04-	113405	14	70	11.04-	111994	12	0.7
						11.04-	110584	12	1.2
C4 1.6 16V Grand Picasso	[EP6DT]					10.08-	113960	12	0.9
C4 1.6 16V Picasso	[5FX (EP6DT)]					07.08-	113960	12	0.9
C4 1.6 VTi	[5FW (EP6)]					07.08-	113960	12	0.9
C4 1.6 VTi Grand Picasso	[EP6]					07.08-	113960	12	0.9
C4 1.6 VTi Picasso	[EP6]					07.08-	113960	12	0.9
C4 1.6 E-HDi 110	[9HR]					09.10-	113933	12	1.5
						09.10-	114030	12	2.2
C4 1.6 HDi	[9HP (DV6DTED)]					11.09-	113254	12	1.1
	[9HX (DV6ATED4)]	11.04-	113640	14	150	11.04-	113254	12	1.1
						11.04-	113933	12	1.5
						11.04-	114030	12	2.2
	[9HY (DV6ATED4)]	11.04-	113640	14	150	11.04-	113254	12	1.1
						11.04-	113933	12	1.5
						11.04-	114030	12	2.2
	[9HY (DV6TED4)]	11.04-	113640	14	150	11.04-	113933	12	1.5
						11.04-	113254	12	1.1
						11.04-	114030	12	2.2
	[9HZ (DV6ATED4)]					11.04-	113254	12	1.1
						11.04-	113933	12	1.5
						11.04-	114030	12	2.2
C4 1.6 HDi 110	[9HR]					09.10-	113933	12	1.5
						09.10-	114030	12	2.2
C4 1.6 HDi 115	[9HR (DV6C)]					07.12-	113254	12	1.1
						07.12-	114030	12	2.2
C4 1.6 HDi 115 Picasso						02.13-	113254	12	1.1
						02.13-	113933	12	1.5
						02.13-	114030	12	2.2
C4 1.6 HDi 90 Picasso	[9HP (DV6DTED)]					02.13-	113254	12	1.1
						02.13-	113933	12	1.5
						02.13-	114030	12	2.2
C4 1.6 HDi Grand Picasso	[9HY (DV6TED4)]	10.06-	113640	14	150	10.06-	113933	12	1.5
	[9HZ (DV6TED4)]	10.06-	113640	14	150	10.06-	113933	12	1.5
C4 1.6 HDi Picasso	[9HY (DV6TED4)]	02.07-	113640	14	150	02.07-	113254	12	1.1
						02.07-	113933	12	1.5
						02.07-	114030	12	2.2
	[9HZ (DV6TED4)]	02.07-	113640	14	150	02.07-	113254	12	1.1
						02.07-	113933	12	1.5
						02.07-	114030	12	2.2
C4 1.6 HDi Picasso 110	[9HL (DV6C)]					09.10-	113933	12	1.5
	[9HR (DV6C)]					09.10-	114030	12	2.2
						09.10-	113933	12	1.5
						09.10-	114030	12	2.2
C4 1.6 VTi LPG	[5FS (EP6C)]					09.11-	113960	12	0.9
C4 1.8 16V Picasso	[6FY (EW7A)]					02.07-	114460	12	1.4
C4 1.8 i 16V Grand Picasso	[6FY (EW7A)]					10.06-	114460	12	1.4
C4 2.0 16V	[EW10J4S]	11.04-	113755	14	150	11.04-	114460	12	1.4
	[RFJ (EW10A)]					11.04-	111070	12	1.7
						11.04-	114460	12	1.4
	[RFK (EW10J4S)]	11.04-	113755	14	150	11.04-	111070	12	1.7
						11.04-	114460	12	1.4
	[RFN (EW10J4)]	11.04-	113575	14	80	11.04-	111070	12	1.7
		11.04-	113718	14	70	11.04-	114460	12	1.4
C4 2.0 16V Picasso	[RFJ (EW10A)]					02.07-	114460	12	1.4
C4 2.0 i 16V Grand Picasso	[RFJ (EW10A)]					10.06-	114460	12	1.4
C4 2.0 HDi	[RHE (DW10CTED4) DTR]					11.09-	114460	12	1.4
	[RHF (DW10BTED4)]					07.08-	113926	12	1.9
						07.08-	114854	12	2.5
	[RHR (DW10BTED4)]	11.04-	113640	14	150	11.04-	111070	12	1.7
						11.04-	113926	12	1.9
						11.04-	114460	12	1.4
C4 2.0 HDi Grand Picasso	[RHE (DW10CTED4)]					07.09-	113926	12	1.9
						07.09-	114460	12	1.4
	[RHJ (DW10BTED4)]	10.06-	113640	14	150				
	[RHR (DW10BTED4)]	10.06-	113640	14	150				
C4 2.0 HDi Picasso	[RHE (DW10CTED4)]					07.09-	113926	12	1.9
						07.09-	114460	12	1.4

## STARTERS & ALTERNATORS

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CITROEN *Continued*

	[RHJ (DW10BTED4)]	02.07-	113640	14 150		02.07- 02.07-	113926 114854	12 1.9 12 2.5
	[RHR (DW10BTED4)]	02.07-	113640	14 150		02.07- 02.07-	113926 114854	12 1.9 12 2.5
C4 2.0 HDi Picasso 165	[RHH (DW10CTED4)]					09.10- 09.10- 09.10- 09.10-	111070 113926 114460 114854	12 1.7 12 1.9 12 1.4 12 2.5
C5 1.6 16V X7	[5FV (EP6CDT)]					04.09-	113960	12 0.9
C5 1.6 THP	[5FN (EP6DT)]					04.09-	113960	12 0.9
C5 1.6 VTi	[5FS (EP6C)]					07.10-	113960	12 0.9
C5 1.6 HDi	[9HL (DV6C)]					07.10- 07.10-	113933 114030	12 1.5 12 2.2
	[9HR (DV6C)]					07.10- 07.10-	113933 114030	12 1.5 12 2.2
	[9HY (DV6TED4)]	09.04-	113640	14 150		09.04- 09.04- 09.04-	113254 113933 114030	12 1.1 12 1.5 12 2.2
	[9HZ (DV6TED4)]					02.08-	113933	12 1.5
C5 1.6 HDi 115	[9HR (DV6C)]					01.12- 01.12-	113933 114030	12 1.5 12 2.2
C5 1.8 16V	[6FY (EW7A)]	09.05-	115371*	14 120		09.05-	114460	12 1.4
C5 1.8 16V X4	[6FZ (EW7J4)]	03.01- 03.01- 09.04 03.01- 09.04 03.01- 09.04 06.01- AC 03.01-	112480 113503 113575 113603 112469 112469	14 90 14 120 14 80 14 80 14 90 14 90				
C5 1.8 16V X7	[6FZ (EW7J4)]	10.04-	113575	14 80				
C5 2.0 16V	[RFN (EW10J4)]	03.01- 03.01- 08.04	112469 113603	14 90 14 80				
C5 2.0 16V Turbo	[RFN (EW10J4)]	06.01- 06.01- 08.04	112469 113603	14 90 14 80				
C5 2.0 HPI 16V	[RLZ (EW10D)]	03.01- 03.01- 08.04	112469 113603	14 90 14 80				
C5 2.0 HDi	[RHF (DW10BTED4)]					02.08- 02.08- 02.08-	113926 114460 114854	12 1.9 12 1.4 12 2.5
	[RHR (DW10BTED4)]	09.04-	113640	14 150		09.04- 09.04- 09.04- 02.08-	111070 113926 114460 114854	12 1.7 12 1.9 12 1.4 12 2.5
	[RHS (DW10ATED4)]	06.01- 06.01-	112460 112480	14 150 14 90		06.01-	111070	12 1.7
	[RHY (DW10TD)]	03.01- 09.04 03.01- 09.04 03.01- 09.04	112460 112480 113503	14 150 14 90 14 120		03.01- 09.04 03.01- 08.04	111070 114460	12 1.7 12 1.4
	[RHZ (DW10ATED)]	03.01- 03.01-	112460 112480	14 150 14 90		A34 03.01- 03.01- 08.04	111070 114460	12 1.7 12 1.4
C5 2.0 HDi 150						04.09- 04.09- 04.09-	114460 113926 114854	12 1.4 12 1.9 12 2.5
C5 2.0 HDi FAP	[RHS (DW10ATED4)]	03.01- 08.04	113640	14 150				
C5 2.0 HDi X7	[DW10CTED4]					04.09-	114854	12 2.5
C5 2.2 HDi	[4HL (DW12C)]					07.10-	114854	12 2.5
	[4HP (DW12BTED4)]					05.06- 05.06-	114460 114854	12 1.4 12 2.5
	[4HT (DW12BTED4)]					04.06- 04.06- 04.06- 04.06-	111070 113926 114460 114854	12 1.7 12 1.9 12 1.4 12 2.5
	[4HX (DW12TED4)]	03.01- 03.01- 03.01- 03.01- 08.04 09.04- 10.04-	112460 112461 112480 114798 113640 113755	14 150 14 150 A47 14 90 14 150 A46 14 150 14 150		03.01- 09.04-	111070 113926	12 1.7 12 1.9
	[4HX (DW12TED4/FAP)]	09.04- 10.04-	113640 113755	14 150 14 150		09.04-	113926	12 1.9
C5 2.2 HDi 165	[4HP (DW12BTED4)]					02.08- 02.08-	113960 114460	12 0.9 12 1.4
C5 2.7 HDi	[DT17ED4]					02.08-	115328	12 2.2
	[UHZ (DT17BTED4)]					02.08-	115328	12 2.2
C5 3.0 Carlsson						09.03- 08.04	115354	12 1.3
C5 3.0 V6	[ES9A]					02.08-	115354	12 1.3
	[XFU (ES9A)]					09.04-	111070	12 1.7
	[XFX (ES9J4S)]					03.01- 03.01- 08.04	111070 115354	12 1.7 12 1.3
C5 3.0 HDi X7	[DT20C]					04.09-	115328	12 2.2
C5 Break 2.0 HDi	[RHZ (DW10ATED)]	06.01- 08.04	113640	14 150				
C6 2.2 HDi	[4HP (DW12BTED4)]					06.06-	114854	12 2.5
	[4HT (DW12BTED4)]					06.06-	114854	12 2.5
C6 2.7 HDi	[DT17TED4]					09.05-	115328	12 2.2
C6 3.0 V6	[XFV (ES9A)]					09.05-	115354	12 1.3
	[XFX (ES9J4S)]					09.05- 09.05-	111070 115354	12 1.7 12 1.3
C6 3.0 HDi	[X8Z (DT20C)]					04.09-	115328	12 2.2
C8 2.0	[RFN (EW10J4)]	07.02- 07.02-	112469 113575	14 90 14 80				



C8 2.0 16V	[RFJ (EW10A)]	09.05-	115371*	14 120	09.05-	114460	12 1.4
C8 2.0 HDi	[RHK (DW10UTED4)]	07.02-	112460	14 150	07.02-	114460	12 1.4
		07.02-	112461	14 150 A47	07.02-	111070	12 1.7
		07.02-	113640	14 150			
		07.02-	114798	14 150 A46			
	[RHM (DW10ATED4)]				07.02-	114460	12 1.4
	[RHR (DW10BTED4)]	03.06-	113640	14 150	03.06-	113926	12 1.9
					03.06-	114460	12 1.4
	[RHT (DW10ATED4)]				07.02-	114460	12 1.4
	[RHW (DW10ATED4)]				07.02-	114460	12 1.4
C8 2.2	[3FZ]	07.02-	112469	14 90			
		07.02-	113575	14 80			
C8 2.2 HDi	[4HP(DW12BTED4)]	06.07-	113640	14 150	06.07-	114854	12 2.5
	[4HT (DW12BTED4)]				06.06-	114854	12 2.5
	[4HW (DW12TED4)]	07.02-	112460	14 150	07.02-	111070	12 1.7
		07.02-	112461	14 150 A47	07.02-	114460	12 1.4
		07.02-	113640	14 150			
		07.02-	114798	14 150 A46			
C8 3.0 V6	[XFX (ES9J4S)]				07.02-	111070	12 1.7
					07.02-	115354	12 1.3
C-Crosser 2.2 HDi	[4HN(DW12MTED4)]				02.07-	114460	12 1.4
					02.07-	114854	12 2.5
C-Crosser 2.2 HDi Enterprise	[4HN (DW12METED4)]				01.09-	114854	12 2.5
C-Elysee 1.6 VTI	[NFP (EC5)]				11.12-	110584	12 1.2
					11.12-	113405	
C-Elysee 1.6 HDi					11.12-	113254	12 1.1
					11.12-	114030	12 2.2
CX 2.0	[829A5]				08.84- 08.86	111063	12 1.2
CX 2.2 2200	[J6TA500]				07.85- 12.92	111063	12 1.2
CX 2.2 TRS	[J6TA500]				07.85- 12.92	111063	12 1.2
CX 2.5 TD	[M25-648]				04.83- 08.85	111115	12 2.2
CX 2.5 TD 2500	[M25-648]	08.85- 12.86	111071	14 75			
CX 20 RE 2.0	[829A5]				08.85- 12.92	111063	12 1.2
CX 2000 2.0	[M20-616]	07.74- 07.79	111071	14 75			
CX 22 2.2 TRS	[J6TA500]				07.85- 12.92	111063	12 1.2
CX 22 TRS 2.2	[J6TA500]				07.85- 12.92	111063	12 1.2
CX 2200 2.2	[M22-617]	07.74- 07.79	111071	14 75			
CX 2200 2.2 Diesel	[M22-621]	10.75- 02.79	111071	14 75			
CX 2400 2.4	[M23-639]	05.80- 05.82	111071	14 75			
CX 2400 2.4 GTI	[M23-622]	06.77- 06.83	111071	14 75			
CX 25 2.5 TRI	[M25-659]	07.83- 12.92	111071	14 75			
CX 25 2.5 GTI	[M25-668]	07.83- 12.92	111071	14 75			
CX 25 2.5 Diesel	[M25-660]	03.83- 12.92	111071	14 75	08.85- 12.92	111115	12 2.2
CX 25 2.5 TD	[M25-648]	04.83- 12.86	111071	14 75	04.83- 12.86	111115	12 2.2
	[M25-669]	01.87- 12.92	111071	14 75	01.87- 12.92	111115	12 2.2
CX 2500 2.5 Diesel	[M25-629]	02.78- 08.85	111071	14 75	02.78- 08.85	111115	12 2.2
DS3 1.2 VTI 82					01.13-	113960	12 0.9
DS3 1.4 16V	[8FR (EP3C)]				04.10-	113960	12 0.9
DS3 1.4 VTI 98					11.09-	113960	12 0.9
		11.09-	114752*	14 80			
DS3 1.4 VTI 95 LPG					08.12-	113960	12 0.9
		08.12-	114752*	14 80			
DS3 1.6 Racing	[5FD (EP6DTS)]				02.11-	113960	12 0.9
	[5FU (EP6CDTX)]				02.11-	113960	12 0.9
DS3 1.6 16V	[5FR (EP6DT)]				04.10-	113960	12 0.9
	[5FS (EP6C)]				04.10-	113960	12 0.9
DS3 1.6 THP	[5FN (EP6DT)]	01.13-	114752*	14 80	01.13-	113960	12 0.9
	[5FR (EP6DT)]	01.13-	114752*	14 80	01.13-	113960	12 0.9
DS3 1.6 VTI 120	[5FS (EP6C)]	01.13-	114752*	14 80	01.13-	113960	12 0.9
DS3 1.6 HDi	[9HP (DV6DTED)]				11.09-	113933	12 1.5
					11.09-	114030	12 2.2
	[9HR (DV6C)]				11.09-	113933	12 1.5
					11.09-	114030	12 2.2
DS3 1.6 HDi 115	[9HL (DV6C)]				08.12-	113933	12 1.5
DS3 1.6 HDi 90	[9HP (DV6DTED)]				01.13-	113254	12 1.1
					01.13-	114030	12 2.2
					01.13-	113933	12 1.5
DS4 1.6 120	[5FS (EP6C)]				04.11-	113960	12 0.9
DS4 1.6 THP 155	[5FV (EP6CDT)]				04.11-	113960	12 0.9
DS4 1.6 THP 200	[5FU (EP6DTX)]				04.11-	113933	12 1.5
					04.11-	113960	12 0.9
					04.11-	114030	12 2.2
DS4 1.6 THP 160	[5FM (EP6DT)]				04.12-	113960	12 0.9
DS4 1.6 HDi 110	[9HR]				04.11-	113254	12 1.1
					04.11-	113933	12 1.5
					04.11-	114030	12 2.2
	[9HR (DV6C)]				04.11-	113254	12 1.1
					04.11-	113933	12 1.5
					04.11-	114030	12 2.2
DS4 1.6 HDi 115	[9HL (DV6C)]				08.12-	113254	12 1.1
					08.12-	113933	12 1.5
					08.12-	114030	12 2.2
DS4 1.6 HDi 90	[9HP (DV6DTED)]				05.11-	114030	12 2.2
					05.11-	113933	12 1.5
DS4 2.0 HDi 135					09.11-	113926	12 1.9
					09.11-	114460	12 1.4
					09.11-	114854	12 2.5

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**CITROËN** *Continued*

DS4 2.0 HDi 160	[RHH (DW10CTED4)]					04.11-	111070	12 1.7	
						04.11-	113926	12 1.9	
						04.11-	114460	12 1.4	
DS5 1.6 THP 155	[5FV (EP6CDT)]					11.11-	113960	12 0.9	
DS5 1.6 THP 200	[5FU (EP6DTX)]					11.11-	113960	12 0.9	
DS5 1.6 HDi 110	[9HR]					11.11-	113933	12 1.5	
						11.11-	114030	12 2.2	
DS5 1.6 HDi 115						06.12-	113933	12 1.5	
						06.12-	114030	12 2.2	
DS5 2.0 HDi	[RHH (DW10CTED4)]					11.11-	113926	12 1.9	
						11.11-	114460	12 1.4	
						11.11-	114854	12 2.5	
DS5 2.0 HDi 135						11.11-	114460	12 1.4	
						11.11-	114854	12 2.5	
						11.11-	113926	12 1.9	
Dyane 4 0.4	[A79/1]	03.68-	10.87	110743	14 30	04.68-	10.87	111100	12 0.7
Dyane 6 0.6	[M28]					12.68-	12.72	111100	12 0.7
	[M28/1]	10.73-	10.87	110743	14 30	05.72-	12.80	111100	12 0.7
Evasion 1.8	[LFZ (XU7JP)]					05.97-		111130	12 1.1
						05.97-		112299	14 95
						AC 09.96-	07.02	112772	14 120
Evasion 1.9 TD	[D8B (XUD9TF)]					10.95-	12.98	112688	14 95
						10.95-	12.98	112703	14 120
						10.95-	12.98	113485	14 80
	[DHX (XUD9TF/BTF)]					11.94-	07.02	112688	14 95
						11.94-	07.02	112703	14 120
						11.94-	07.02	113485	14 80
Evasion 2.0 16V	[RFN (EW10J4)]					05.00-	07.02	112460	14 150
						05.00-	07.02	112480	14 90
						05.00-	07.02	113603	14 80
	[RFV (XU10J4R)]					05.98-		111318	14 80
					05.98-	04.00	113604	14 95	
Evasion 2.0 i	[RFU (XU10J2/C)]					06.94-		112298	14 80
						06.94-		112299	14 95
						06.94-		112772	14 120
Evasion 2.0 Turbo	[RGX (XU10J2TE)]					06.94-	07.02	112299	14 95
						06.94-	07.02	113604	14 95
						04.97-	07.02	111318	14 80
Evasion 2.0 HDi	[RHZ (DW10ATED)]					08.99-		112461	14 150 A47
						08.99-		112480	14 90
						08.99-		113503	14 120
						08.99-	07.02	114798	14 150 A46
						AC 08.99-	112460	14 150	
Evasion 2.0 HDi 16V	[RHW (DW10ATED4)]					09.99-	07.02	114460	12 1.4
Evasion 2.1 TD	[P8C (XUD11BTE)]					05.96-		112688	14 95
						05.96-	07.02	112703	14 120
						05.96-		113485	14 80
Jumper 1.9 Diesel	[D9B (XUD9A/U)]					02.94-		112230	14 80
						02.94-		112230	14 80
	[DJY (XUD9A)]	01.99-	04.02	112230	14 80	01.99-	04.02	111070	12 1.7
						07.99-	04.02	114460	12 1.4
Jumper 1.9 TD	[D8C (XUD9UTF)]					02.94-		112230	14 80
						02.94-	04.02	111070	12 1.7
	[DHX (XUD9TF/BTF)]	03.94-	04.02	112230	14 80	02.94-	04.02	114460	12 1.4
						03.94-	04.02	111070	12 1.7
						03.94-	04.02	114460	12 1.4
Jumper 1.9 TD 4x4	[D8C (XUD9UTF)]					08.96-	04.02	111070	12 1.7
						08.96-	04.02	114460	12 1.4
Jumper 2.0	[RFW (XU10J2U)]					02.94-		112298	14 80
						02.94-		112299	14 95
						02.94-		112772	14 120
	[XU10J2]	02.03-				02.03-		112298	14 80
						02.03-		111130	12 1.1
						02.03-		113443	12 1.4
Jumper 2.0 4x4	[RFW (XU10J2U)]					08.96-		112298	14 80
						08.96-		112299	14 95
						08.96-		112772	14 120
						A13 02.94-	02.02	113443	12 1.4
						02.94-	02.02	111130	12 1.1
Jumper 2.0 bivalent	[XU10J2]					02.03-		112298	14 80
						02.03-		112772	14 120
						02.03-		113443	12 1.4
						02.03-		111130	12 1.1
Jumper 2.0 HDi	[DW10UTD]					11.01-	04.02	112461	14 150 A47
						11.01-	04.02	112480	14 90
						11.01-	04.02	114798	14 150 A46
	[RHV (DW10UTD)]					04.02-		112460	14 150
						04.02-		112461	14 150 A47
						04.02-		112480	14 90
						04.02-		113640	14 150
						04.02-		113946	14 90
						04.02-		114798	14 150 A46
						AC 04.02-	113640	14 150	
Jumper 2.2 HDi	[22DTPUMA]					04.06-		113958	14 150
						04.06-		115499	14 150 A49
	[4HU (22DT)]					04.06-		113958	14 150
						04.06-		115499	14 150 A49
	[4HU (P22DTE)]					04.06-		113958	14 150
						04.06-		115499	14 150 A49
	[4HV (22DT)]					04.06-		113958	14 150
						04.06-		115499	14 150 A49
	[4HV (P22DTE)]					04.06-		113958	14 150
						04.06-		115499	14 150 A49





	[4HY (DW12UTED)]	02.02- 06.06	113640	14 150				
		AC 02.02- 06.06	112460	14 150				
		AC 02.02- 06.06	112480	14 90				
		AC 02.02- 06.06	113946	14 90				
	[4HY (DW12UTED4)]	04.02-	112460	14 150	04.02-	111070	12 1.7	
		04.02-	112480	14 90	04.02-	114460	12 1.4	
		04.02-	113640	14 150				
		04.02-	113946	14 90				
		AC 04.02-	112461	14 150 A47				
		AC 04.02-	113640	14 150				
		AC 04.02-	114798	14 150 A46				
Jumper 2.2 HDi 16V	[4HY (DW12UTED4)]	04.02-	112460	14 150	04.02-	111070	12 1.7	
		04.02-	112480	14 90				
		04.02-	113946	14 90				
		AC 04.02-	113640	14 150				
Jumper 2.5 Diesel	[T9A (DJ5)]	02.94- 04.02	112772	14 120	03.94-	112053	12 2.2	
		03.94-	112299	14 95				
Jumper 2.5 Diesel 4x4	[T9A (DJ5)]	02.94- 04.02	112299	14 95	02.94- 04.02	112053	12 2.2	
		02.94- 04.02	112772	14 120				
Jumper 2.5 TD	[T8A (DJ5T)]	02.94- 04.02	112772	14 120	03.94-	112053	12 2.2	
		03.94-	112299	14 95				
Jumper 2.5 TD 4x4	[T8A (DJ5T)]	02.94- 04.02	112299	14 95	02.94- 02.02	112053	12 2.2	
		02.94- 04.02	112772	14 120				
Jumper 2.5 TDi	[THX (DJ5TED)]	12.96- 02.02	112299	14 95	12.96- 02.02	112053	12 2.2	
		12.96- 02.02	112772	14 120				
Jumper 2.5 TDi 4x4	[THX (DJ5TED)]	10.96- 04.02	112299	14 95	10.96- 04.02	112053	12 2.2	
		10.96- 04.02	112772	14 120				
Jumper 2.8 Diesel	[8140.63]	01.99-	111498	14 110	01.99-	113451	12 2.2	
		01.99-	112681	14 80				
	[8140.63 (F28D)]	01.99- 02.02	111498	14 110	01.99- 02.02	113451	12 2.2	
		01.99- 02.02	112681	14 80				
Jumper 2.8 HDi	[8140.43N]	05.04-	113247	14 120	05.04-	112436	12 2.3	
		05.04-	114680	14 150	05.04-	113451	12 2.2	
	[8140.43S]	09.00- 01.02	113247	14 120	Chas. -17600143 09.00-	112436	12 2.3	
		09.00- 04.02	113950	14 90	04.02-	112026	12 2.6	
		09.00- 04.02	114680	14 150	Chas. 17600144- 04.02-	113935	12 2.5	
					04.02-	115501	12 2.5 A49	
Jumper 2.8 HDi 4x4	[8140.43S]	09.00-	113247	14 120	Chas. -17600143 09.00-	112436	12 2.3	
		09.00- 04.02	113950	14 90	04.02-	112026	12 2.6	
		09.00- 04.02	114680	14 150	Chas. 17600144- 04.02-	113935	12 2.5	
					04.02-	115501	12 2.5 A49	
	[F28TDCR]	02.02- 06.06	113247	14 120				
		02.02- 06.06	113950	14 90				
		02.02- 06.06	114680	14 150				
Jumper 2.8 TD	[8140.43]	10.99-	111498	14 110	10.99-	113451	12 2.2	
		10.99-	112681	14 80				
Jumper 3.0 HDi	[F1CE0481D(FG30DT)]	07.10-	114705	14 140	07.10-	115516	12 2.5 A49	
		07.10-	115490	14 140 A49				
Jumper 3.0 HDi 145	[F1CE348IN]	07.10-	114705	14 140	07.10-	114054	12 2.5	
		07.10-	115490	14 140 A49	07.10-	115516	12 2.5 A49	
Jumper 3.0 HDi 155	[F1CE348IN]	07.10-	114705	14 140	07.10-	114054	12 2.5	
		07.10-	115490	14 140 A49	07.10-	115516	12 2.5 A49	
Jumper 3.0 HDi 180	[F1CE3481E]	07.11-	114705	14 140	07.11-	114054	12 2.5	
		07.11-	115490	14 140 A49	07.11-	115516	12 2.5 A49	
		07.11-	114705	14 140	07.11-	114054	12 2.5	
		07.11-	115490	14 140 A49				
Jumpy 1.6	[1580SPI]	10.95-	111411	14 75	10.95-	112124	12 0.9	
		10.95-	111416	14 65				
		10.95-	111568	14 85				
	[220A2.000]	10.95-	111411	14 75				
		10.95-	111416	14 65				
		10.95-	111568	14 85				
Jumpy 1.6 i	[1580SPI]	10.95-	111568	14 85	10.95-	112124	12 0.9	
	[220A2.000]	10.95-	111416	14 65	10.95- 02.01	112124	12 0.9	
		10.95-	111568	14 85				
Jumpy 1.6 HDi	[9HU (DV6UTED4)]	01.07-	113640	14 150	01.07-	113254	12 1.1	
					01.07-	114030	12 2.2	
Jumpy 1.9 Diesel	[D9B (XUD9A/U)]	10.95-	112230	14 80	10.95-	111070	12 1.7	
		10.95-	112292	14 70	10.95- 04.98	114460	12 1.4	
		10.95-	113485	14 80				
		PS 10.95-	111893	14 70				
		ACPS 10.95-	112688	14 95				
		AC 10.95-	112703	14 120				
		AC 10.95-	113485	14 80				
	[WJY (DW8B)]	04.98- 02.01	112058	14 70	04.98- 08.01	111070	12 1.7	
		04.98- 02.01	112480	14 90	04.98-	114460	12 1.4	
		04.98- 02.01	113503	14 120				
		10.98- 08.01	113603	14 80				
	[WJZ (DW8)]	04.98- 02.01	112058	14 70	04.98-	114460	12 1.4	
		04.98- 02.01	112480	14 90	04.98- 08.01	111070	12 1.7	
		04.98- 02.01	113503	14 120				
		10.98- 08.01	113603	14 80				
		AC 04.98-	113503	14 120				





**CITROEN** *Continued*

Jumpy 1.9 TD	[D8B (XUD9TF)]	04.96-	112230	14 80	04.96- 02.01	111070	12 1.7	
		04.96-	112292	14 70	10.99-	114460	12 1.4	
		10.99- 02.01	112058	14 70				
		10.99- 02.01	112480	14 90				
		10.99- 02.01	113503	14 120				
		PS 10.95-	111893	14 70				
		PS 10.95-	112078	14 120				
		AC 04.96-	112688	14 95				
		AC 04.96-	112703	14 120				
		AC 04.96-	113485	14 80				
		[DHX (XUD9TF/BTF)]	10.95-	111893	14 70	10.95-	114460	12 1.4
			10.95-	112230	14 80	10.95-	111070	12 1.7
			10.95- 02.01	112292	14 70			
			10.95-	112688	14 95			
			10.95-	112703	14 120			
	10.95-	113485	14 80					
	PS 10.95-	111893	14 70					
	ACPS 10.95-	112688	14 95					
	AC 10.95-	112703	14 120					
	AC 10.95-	113485	14 80					
Jumpy 2.0	[RFN (EW10J4)]	04.00- 12.06	112461	14 150 A47				
		04.00-	112480	14 90				
		04.00-	113503	14 120				
		04.00- 12.06	114798	14 150 A46				
		AC 04.00-	112460	14 150				
Jumpy 2.0 i 16V	[RFN (EW10J4)]	03.00-	112461	14 150 A47				
		03.00-	112480	14 90				
		03.00-	113503	14 120				
		03.00-	114798	14 150 A46				
		AC 03.00-	112460	14 150				
Jumpy 2.0 HDi	[RHK (DW10UTED4)]	01.07-	113640	14 150	01.07-	113926	12 1.9	
		[RHR (DW10BTED4)]	01.07-	113640	14 150	01.07-	113926	12 1.9
		[RHW (DW10ATED4)]	03.00- 10.06	112460	14 150	03.00- 10.06	111070	12 1.7
		03.00- 10.06	112461	14 150 A47	03.00- 10.06	114460	12 1.4	
		03.00- 10.06	112480	14 90				
		03.00- 10.06	113640	14 150				
		03.00- 10.06	114798	14 150 A46				
	[RHX (DW10BTED)]	10.99-	112460	14 150	01.99- 07.02	111070	12 1.7	
		10.99-	112461	14 150 A47	10.99-	114460	12 1.4	
		10.99-	112480	14 90				
		10.99-	113640	14 150				
		10.99-	114798	14 150 A46				
		AC 10.99-	112460	14 150				
	[RHZ (DW10ATED)]	03.00-	112461	14 150 A47	03.00- 10.06	114460	12 1.4	
		03.00-	112480	14 90	10.99-	111070	12 1.7	
	03.00-	113640	14 150					
	03.00-	114798	14 150 A46					
	AC 10.99-	112460	14 150					
Jumpy 2.0 HDi 125	[AHZ (DW10CD)]				07.11-	111070	12 1.7	
					07.11-	113926	12 1.9	
Jumpy 2.0 HDi 165	[RHH (DW10CTED4)]	07.10-	114705	14 140	07.10-	114054	12 2.5	
		07.10-	115490	14 140 A49	07.10-	115516	12 2.5 A49	
Jumpy 2.0 HDi 95	[AHY]				07.11-	111070	12 1.7	
					07.11-	113926	12 1.9	
					07.11-	113926	12 1.9	
LNA 0.6	[R06627]	11.76- 07.79	110743	14 30	11.76- 07.79	113753	12 0.9	
	[V06630]	11.78- 07.82	110743	14 30	11.78- 07.82	113753	12 0.9	
	[V06644]				07.82- 04.85	111068	12 0.85	
LNA 1.0	[108C]	07.84- 10.86	110916#	14 40 A27	07.84- 10.86	111068	12 0.85	
		07.84- 10.86	111075	14 55				
LNA 1.1	[109/5E]	07.82- 04.85	110916#	14 40	07.82- 04.85	111068	12 0.85	
		07.82- 04.85	111075	14 55				
Mehari 0.6	[A06/635]				10.79- 10.87	111100	12 0.7	
	[M28/1]	09.68- 10.87	110743	14 30	05.68- 10.79	111100	12 0.7	
	[M28/1 (AK2)]				10.79- 10.87	111100	12 0.7	
Mehari 0.6 4x4	[A06/635]				10.79- 10.87	111100	12 0.7	
Nemo 1.4 HDi	[8HS (DV4TD)]				02.08-	113254	12 1.1	
					02.08-	113933	12 1.5	
					04.09-	113254	12 1.1	
	[8HS (DV4TED)]				04.09-	113933	12 1.5	
Relay 2.8 Diesel	[8140.63 (F28D)]	01.99- 02.02	111498	14 110	01.99- 02.02	113451	12 2.2	
		01.99- 02.02	113755	14 150				
Saxo 1.0	[CDZ (TU9M)]	05.96- 09.03	110619	14 70	02.96- 09.03	110584	12 1.2	
		05.98- 09.03	112782	14 80	02.96- 09.03	111994	12 0.7	
Saxo 1.1	[HDZ (TU1M)]	03.00-	112648	14 70	05.96-	110584	12 1.2	
		05.96-	110619	14 70				
		05.96-	112782	14 80				
	[HFX (TU1JP)]				03.00- 09.03	111994	12 0.7	
		05.96- 09.03	110619	14 70	03.00- 09.03	110584	12 1.2	
Saxo 1.4 VTS	[KFW (TU3JP)]	05.96- 06.03	110619	14 70	06.00- 09.03	111994	12 0.7	
	[KFX (TU3JP)]	03.00-	112648	14 70	05.96-	110584	12 1.2	
		05.96- 06.03	110619	14 70				
		05.96-	112782	14 80				
		09.99-	111723	14 70				
Saxo 1.5 Diesel	[VJY (TUD5)]	09.96-	111532	14 80	09.96-	111029	12 1.4	
		09.96-	112287	14 70				
		09.96-	112467	14 90				



	[VJZ (TUD5)]	05.96- 09.96- 09.96-	111532 112287 112467	14 80 14 70 14 90		09.96-	111029	12 1.4
Saxo 1.6	[NFZ (TU5JP)]	03.00- 05.96- 05.96- 05.96- 09.98-	112648 110619 111723 112782 113404	14 70 14 70 14 70 14 80 14 90		05.96-	110584	12 1.2
Saxo 1.6 16V	[NFX (TU5JP4)]	06.96-	112782	14 80		06.96-	110584	12 1.2
Saxo 1.6 VTS	[NFT (TU5JP/L4)]	09.00- 09.00-	111723 112782	14 70 14 80		09.00-	110584	12 1.2
Various Models						07.88-	110584	12 1.2
						10.84- 01.93	110587	12 1.2
						09.81-	110793	12 0.9
						01.85- 07.88	111068	12 0.85
						07.85- 01.93	111070	12 1.7
						10.85-	111115	12 2.2
						03.91-	111130	12 1.1
						05.94-	113443	12 1.4
Visa 1.0	[XV8]	09.84- 06.88 09.84- 06.88	110916# 111075	14 40 14 55		09.84- 06.88	111068	12 0.85
Visa 1.1	[109/5]	09.78- 03.91 09.78- 03.91	110916# 111075	14 40 14 55		09.84- 03.91	111068	12 0.85
	[109/5F]	07.82- 03.91 07.82- 03.91	110916# 111075	14 40 14 55		07.82- 03.91	111068	12 0.85
	[109K]	09.78- 06.88 09.78- 06.88	110916# 111075	14 40 14 55		11.84- 06.88	111068	12 0.85
Visa 1.2 Super X	[129/5]	07.80- 06.82 07.80- 06.82	110916# 111075	14 40 14 55				
Visa 1.4	[150D (XY7)]	07.84- 03.91 07.84- 03.91	110916# 111075	14 40 14 55		07.84- 03.91	111068	12 0.85
Visa 1.4 GT	[150B (XY8)]	03.82- 03.91 03.82- 03.91	110916# 111075	14 40 14 55		03.82- 03.91	111068	12 0.85
	[KAZ (XY7CP)]					07.82- 03.91	111068	12 0.85
Visa 1.6 GTi	[180A (XU5J)] [B6D]	10.84- 12.89 10.84- 03.91	111076 111076	14 50 14 50		01.85- 03.91 06.86- 03.91	111130 111130	12 1.1 12 1.1
Visa 1.7 Diesel	[161A (XUD7)]	01.84- 03.91	111076	14 50		04.84- 03.91 04.84- 03.91	111070 114460	12 1.7 12 1.4
Xantia 1.6 i	[BFZ (XU5JP)]	03.93- 01.98 03.93- 01.98 03.93- 01.98	112298 112299 112772	14 80 14 95 14 120		03.93- 01.98 A13 03.93- 01.98	111130 113443	12 1.1 12 1.4
Xantia 1.6 i SX	[XU5JP]	01.98- 03.01 01.98- 03.01	112298 112299	14 80 14 95		01.98- 03.01 01.98- 03.01	111130 113443	12 1.1 12 1.4
Xantia 1.8 i	[LFX (XU7JB)]	04.97- 04.97- 04.03	111318 113604	14 80 14 95		A13 04.97- 04.97-	113443 111130	12 1.4 12 1.1
	[LFZ (XU7JP)]	03.93- 01.98 03.93- 01.98 03.93- 01.98	112298 112299 112772	14 80 14 95 14 120		03.93- 01.98 A13 03.93- 01.98	111130 113443	12 1.1 12 1.4
Xantia 1.8 i 16V	[LFY (XU7JP4)]	06.95- 01.98 06.95- 04.03	111318 113604	14 80 14 95		06.95- 01.98 A13 06.95- 01.98	111130 113443	12 1.1 12 1.4
Xantia 1.9 Diesel	[D9B (XUD9A/L)]	06.94- 06.94- 06.94- 06.94-	112230 112292 112688 112703	14 80 14 70 14 95 14 120		06.94- 01.98 06.94-	114460 111070	12 1.4 12 1.7
	[DHW (XUD9SD)]	02.96- 02.96- 04.97-	112688 112703 112230	14 95 14 120 14 80		02.96- 04.03 02.96-	114460 111070	12 1.4 12 1.7
	[DJZ (XUD9Y)]	06.94- 06.94- 06.94- 06.94-	112230 112292 112688 112703	14 80 14 70 14 95 14 120		06.94- 06.94- 01.98	111070 114460	12 1.7 12 1.4
Xantia 1.9 TD	[D8B (XUD9TF)]	01.98- 01.98-	112688 112703	14 95 14 120		09.95- 04.03 01.98-	114460 111070	12 1.4 12 1.7
	[DHX (XUD9TF/BTF)]	07.93- 07.93- 06.95- 06.95- AC 07.95-	112230 112292 112688 112703 112703	14 80 14 70 14 95 14 120 14 120		10.94- 04.03 07.93- 01.98	114460 111070	12 1.4 12 1.7
	[DHY (XUD9TE/Y)]	07.93- 07.93- 06.95- 06.95- AC 07.95-	112230 112292 112688 112703 112703	14 80 14 70 14 95 14 120 14 120		07.93- 10.94- 04.03	111070 114460	12 1.7 12 1.4
Xantia 2.0 i	[RFX (XU10J2)]	01.98-	112299	14 95		01.98- 01.98-	111130 113443	12 1.1 12 1.4
	[RFX (XU10J2C)]	03.93- 01.98 03.93- 01.98 03.93- 01.98 06.95- 06.95- 01.98	112298 112299 112772 111318 113604	14 80 14 95 14 120 14 80 14 95		03.93- 01.98 03.93- 01.98	111130 113443	12 1.1 12 1.4
Xantia 2.0 i 16V	[RFT (XU10J4/Z)]	03.93- 12.98 06.94- 06.94-	112772 112298 112299	14 120 14 80 14 95		05.89- 06.94	113443	12 1.4
	[RFV (XU10J4R)]	06.95- 06.95- 04.03 01.98-	111318 113604 112299	14 80 14 95 14 95		tationcar 06.95- 01.98 01.98-	111130 113443	12 1.1 12 1.4
	[RFY (XU10J4/Z)]	03.93- 12.98 03.93- 12.98 03.93- 12.98	112298 112299 112772	14 80 14 95 14 120				



Application list

**CITROEN** *Continued*

Xantia 2.0 Turbo	[RGX (XU10J2TE)]	06.95- 01.98	111318	14 80	06.95- 01.98	111130	12 1.1
		06.95- 04.03	113604	14 95	06.95- 01.98	113443	12 1.4
Xantia 2.0 HDi	[RHY (DW10TD)]	03.99-	112480	14 90	03.99- 04.03	114460	12 1.4
		03.99-	113503	14 120	03.99-	111070	12 1.7
	AC 03.99-	112460	14 150				
	[RHZ (DW10ATED)]	02.99-	112480	14 90	02.99-	111070	12 1.7
		AC 02.99-	112460	14 150	02.99- 04.03	114460	12 1.4
Xantia 2.1 TD 12V	[P8C (XUD11BTE)]	06.95-	112688	14 95	06.95- 02.99	114460	12 1.4
		06.95-	112703	14 120	06.95-	111070	12 1.7
Xantia 3.0 V6	[XFZ (ES9 J4)]				03.89-	111129#	12 1.4
	[XFZ (ES9J4)]				03.89-	111129#	12 1.4
XM 2.0	[R2A (XU102C)]	05.89- 04.94	112299	14 95	05.89- 04.94	111130	12 1.1
		05.89- 04.94	112688	14 95	05.89- 04.94	113443	12 1.4
		05.89- 04.94	113604	14 95			
	[RDZ (XU10MZ)]				05.89- 04.94	111130	12 1.1
					05.89- 04.94	111130	12 1.1
XM 2.0 i	[XU102C]				05.89- 04.94	111130	12 1.1
	[RDZ (XU10MZ)]				A13 03.91- 04.94	113443	12 1.4
					05.89- 04.94	111130	12 1.1
	[RFZ (XU10J2)]				A13 05.89- 06.94	113443	12 1.4
					05.89- 06.94	111130	12 1.1
					11.91- 06.94	113443	12 1.4
XM 2.0 i 16V	[RFV (XU10J4R)]	05.94- 05.95	112298	14 80	A13 05.94-	113443	12 1.4
		05.94- 05.95	112299	14 95	05.94-	111130	12 1.1
		05.94- 10.00	113604	14 95			
		Chas. 6779- 05.95- 10.00	111318	14 80			
		Chas. -6778 05.94- 05.95	112298	14 80			
		Chas. -6778 05.94- 05.95	112299	14 95			
		Chas. -6778 05.94- 05.95	112772	14 120			
XM 2.0 i Turbo	[RGY (XU10J2TE/Z)]				A13 09.92- 06.94	113443	12 1.4
					09.92- 06.94	111130	12 1.1
XM 2.0 Turbo	[RGX (XU10J2TE)]	05.94- 10.00	113604	14 95	A13 05.94-	113443	12 1.4
		06.95-	111318	14 80	05.94-	111130	12 1.1
		Chas. 6779- 05.95-	111318	14 80			
	[RGY (XU10J2TE/Z)]				A13 09.92- 06.94	113443	12 1.4
					09.92- 10.00	111130	12 1.1
XM 2.1 Diesel	[P9A (XUD11A)]				05.89- 06.94	111070	12 1.7
					11.91- 04.94	114460	12 1.4
XM 2.1 TD 12V	[P8A (XUD11ATE) 1]	Chas. 6779- 05.94-	112688	14 95	05.89- 06.94	111070	12 1.7
		Chas. 6779- 05.94-	112703	14 120			
	[P8C (XUD11BTE)]	07.95-	112688	14 95	05.94- 10.00	114460	12 1.4
		07.95-	112703	14 120	05.94-	111070	12 1.7
		Chas. 6779- 05.94-	112688	14 95			
		Chas. 6779- 05.94-	112703	14 120			
	[PHZ (XUD11ATE)]	07.95-	112688	14 95	05.94- 10.00	114460	12 1.4
		07.95-	112703	14 120	05.89- 10.00	111070	12 1.7
[PJZ (XUD11ATE)]				05.89- 10.00	111070	12 1.7	
				05.94- 10.00	114460	12 1.4	
XM 2.5 TD	[THY (DK5ATE)]	05.94-	112772	14 120	05.94-	113443	12 1.4
XM 3.0 V6	[SFZ (ZPJ/Z)]				05.89- 06.94	111129#	12 1.4
	[UFZ (ZPJ/Z)]				05.89- 10.00	111129#	12 1.4
XM 3.0 V6 24V	[SKZ (ZPJ4/Z)]				07.90- 06.94	111129#	12 1.4
	[UKZ (ZPJ4/Z)]				07.90- 10.00	111129#	12 1.4
Xsara 1.4 i	[KFW (TU3JP)]	09.00-	111723	14 70	09.00-	111994	12 0.7
		09.00-	112469	14 90	04.97-	110584	12 1.2
		09.00-	112782	14 80			
		04.97- 08.05	110619	14 70			
		04.97-	113575	14 80			
	[KFX (TU3JP)]	04.97- 08.05	110619	14 70	04.97- 08.00	110584	12 1.2
		04.97- 02.01	112782	14 80	04.97- 08.00	111994	12 0.7
	03.98- 02.01	111723	14 70				
	AC 04.97-	111723	14 70				
Xsara 1.4 HDi	[8HX (DV4TD)]	01.03-	113246	14 90	01.03-	113254	12 1.1
		01.03-	113250	14 70			
		01.03-	113755	14 150			
Xsara 1.5 Diesel	[VJZ (TUD5)]	04.97-	111532	14 80	04.97-	111029	12 1.4
		04.97-	112287	14 70			
Xsara 1.6 Picasso	[NFV (TU5JP/L4)]	09.00-	112469	14 90	09.00-	110584	12 1.2
		09.00-	113405	14 70	09.00-	111994	12 0.7
		09.00-	113575	14 80			
	[NFZ (TU5JP)]	01.00-	113603	14 80	01.00-	111994	12 0.7
		06.00-	112469	14 90	01.00-	110584	12 1.2
		06.00-	113405	14 70			
		06.00-	113575	14 80			
		06.02-	112058	14 70	06.02-	111994	12 0.7
	09.05-	113755	14 150	06.02-	110584	12 1.2	
Xsara 1.6 16V	[NFU (TU5JP4)]	09.00-	111723	14 70	11.00-	110584	12 1.2
		09.00-	112782	14 80	11.00-	111994	12 0.7
		09.00-	113405	14 70			
		09.00- 08.05	113575	14 80			
		06.05- 09.06	113575	14 80	06.05- 09.06	110584	12 1.2
Xsara 1.6 16V Picasso	[NFV (TU5JP4)]	09.05-	113575	14 80			
Xsara 1.6 i	[NFZ (TU5JP)]	04.97- 09.00	112782	14 80	10.97- 09.00	110584	12 1.2
		10.97-	110619	14 70	10.97- 09.00	111994	12 0.7
		10.97- 09.00	111723	14 70			
Xsara 1.6 HDi Picasso	[9HX (DV6ATED4)]	09.05-	113755	14 150	09.05-	113254	12 1.1
					09.05-	114030	12 2.2

**STARTERS & ALTERNATORS**

O.E.M. names and numbers are used for reference purposes only.



	[9HY (DV6TED4)]	05.04-	113640	14 150		05.04- 05.04- 05.04-	114030 113254 113933	12 2.2 12 1.1 12 1.5
Xsara 1.8 16V Picasso	[6FZ (EW7J4)]	01.00-	113603	14 80				
		02.00-	112469	14 90				
		02.00-	112480	14 90				
		02.00-	113503	14 120				
		02.00-	113575	14 80				
	[LFY (XU7JP4)]	02.00-	112469	14 90				
		02.00-	112480	14 90				
		02.00-	113503	14 120				
Xsara 1.8 i	[LFX (TU7JB)]	04.97- 09.00	113604	14 95		10.97- 10.97-	111130 113443	12 1.1 12 1.4
		10.97-	111318	14 80		10.97-	113443	12 1.4
	[LFX (XU7JB)]	02.98-	111318	14 80		02.98-	111130	12 1.1
		02.98- 09.00	113604	14 95		02.98-	113443	12 1.4
	[LFX (XU7JP)]	10.97-	111318	14 80		10.97-	111130	12 1.1
		10.97- 09.00	113604	14 95		10.97-	113443	12 1.4
	[LFZ (XU7JP)]	04.97- 09.00	112298	14 80		04.97- 09.00	113443	12 1.4
		04.97- 09.00	112299	14 95		04.97- 09.00	111130	12 1.1
		04.97- 09.00	112772	14 120				
		AC 04.97- 09.00	112772	14 120				
Xsara 1.8 i 16V	[LFY (XU7JP4)]	10.97-	111318	14 80		04.97-	113443	12 1.4
		02.98- 09.00	113604	14 95		04.97-	111130	12 1.1
Xsara 1.8 Diesel	[161A (XUD7)]	04.97-	112230	14 80		04.97-	111070	12 1.7
		04.97-	112292	14 70		04.97- 09.00	114460	12 1.4
		PS 04.97-	111893	14 70				
		PS 04.97-	112688	14 95				
		PS 04.97-	113485	14 80				
		AC 04.97-	112703	14 120				
	[A9A (XUD7)]	10.97-	112230	14 80		10.97- 09.00	114460	12 1.4
		10.97-	112292	14 70		04.97- 09.00	111070	12 1.7
		PS 10.97-	111893	14 70				
		PS 10.97-	112688	14 95				
	PS 10.97-	113485	14 80					
	ACPS 10.97-	112703	14 120					
Xsara 1.8 TD						10.97-	111070	12 1.7
Xsara 1.9 Diesel	[DHW (XUD9BSD)]	01.98-	112230	14 80		01.98- 09.00	114460	12 1.4
		01.98-	112292	14 70		01.98-	111070	12 1.7
		ACPS 01.98-	112688	14 95				
		ACPS 01.98-	113485	14 80				
	[DJY (XUD9A)]	04.97- 02.99	112230	14 80		04.97- 02.99	111070	12 1.7
		04.97- 02.99	112292	14 70		04.97- 09.00	114460	12 1.4
		02.98- 02.99	112688	14 95				
		02.98- 02.99	113485	14 80				
		PS 10.97-	111893	14 70				
		PS 10.97-	112688	14 95				
		PS 10.97-	113485	14 80				
		ACPS 04.97-	112688	14 95				
		ACPS 04.97-	113485	14 80				
		ACPS 10.97-	112703	14 120				
	[WJY (DW8B)]	09.00-	113503	14 120		07.98- 08.05	114460	12 1.4
		09.00-	113603	14 80				
	[WJZ (DW8)]	04.98- 08.00	113503	14 120		07.98- 08.05	114460	12 1.4
		07.98-	112058	14 70		07.98-	111070	12 1.7
		07.98-	112480	14 90				
		07.98- 08.00	113603	14 80				
Xsara 1.9 TD	[DHY (XUD9TE/Y)]	04.97- 02.01	112230	14 80		04.97- 02.01	111070	12 1.7
		04.97- 02.01	112292	14 70		04.97- 09.00	114460	12 1.4
		04.97- 02.01	112688	14 95				
		02.98- 02.01	111893	14 70				
		02.98- 02.01	112703	14 120				
		02.98- 02.01	113485	14 80				
		PS 04.97-	111893	14 70				
		PS 04.97-	113485	14 80				
		ACPS 10.97-	113485	14 80				
		AC 04.97-	112703	14 120				
	AC 10.97-	112688	14 95					
Xsara 2.0 16V	[RFN (EW10J4)]	09.00-	112480	14 90				
		09.00- 08.05	113603	14 80				
	[RFS (XU10J4RS)]	04.97-	111318	14 80		04.97-	113443	12 1.4
		04.97- 09.00	113604	14 95		04.97-	111130	12 1.1
	[RFV (XU10J4R)]	07.98-	111318	14 80		07.98-	111130	12 1.1
	07.98- 09.00	113604	14 95		07.98-	113443	12 1.4	
Xsara 2.0 16V Picasso	[RFN (EW10J4)]	03.01-	112469	14 90				
	03.01-	113603	14 80					
Xsara 2.0 i 16V	[RFS (XU10J4RS)]	02.98-	111318	14 80		02.98-	113443	12 1.4
		02.98- 03.05	113604	14 95		02.98-	111130	12 1.1
Xsara 2.0 HDi	[RHY (DW10TD)]	09.00- 03.05	112460	14 150		02.99- 08.05	114460	12 1.4
		09.00- 03.05	113755	14 150		09.00- 03.05	113926	12 1.9
		02.99-	112461	14 150 A47		02.99- 03.05	111070	12 1.7
		02.99- 03.05	112480	14 90				
		02.99- 03.05	113503	14 120				
		02.99- 08.05	114798	14 150 A46				
		AC 02.99-	112460	14 150				
	[RHZ (DW10ATED)]	05.01-	112480	14 90		05.01-	111070	12 1.7
		AC 05.01-	112460	14 150				
	Xsara 2.0 HDi Picasso	[RHY (DW10TD)]	04.00-	112480	14 90		12.99-	114460
		04.00-	113503	14 120		04.00-	111070	12 1.7
AC 04.00-		112460	14 150					

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

CITROEN Continued

ZX 1.1	[H1A]	03.91- 08.93	110619	14 70	03.91- 08.93	110584	12 1.2	
	[HDZ (TU1M)]	03.91-	110619	14 70	03.91-	110584	12 1.2	
ZX 1.4	[KDZ (TU3M/Z)]	03.91-	110619	14 70	03.91-	110584	12 1.2	
		03.91-	112782	14 80				
ZX 1.4 i	[KDX (TU3M/Z)]	03.91- 06.97	110619	14 70	03.91- 06.97	110584	12 1.2	
		AC 03.91- 06.97	112782	14 80				
	[KDY (TU3M)]	10.93- 10.97	110619	14 70	10.93-	110584	12 1.2	
		10.93-	112782	14 80				
	[KDZ (TU3M/Z)]	03.91-	110619	14 70		110584	12 1.2	
		AC 03.91-	112782	14 80				
	[KFX (TU3JP)]	03.96- 10.97	110619	14 70	05.96- 10.97	110584	12 1.2	
06.96-		112782	14 80					
AC 05.96- 10.97		112782	14 80					
ZX 1.6 i	[BDY (XU5M)]	03.91- 12.94	112230	14 80	10.93-	113443	12 1.4	
		10.93-	112298	14 80	03.91- 12.94	111130	12 1.1	
		10.93-	112299	14 95				
	[BFZ (XU5JP)]	07.93- 01.94	112230	14 80	07.93- 10.97	111130	12 1.1	
		07.93- 10.97	112299	14 95	10.93-	113443	12 1.4	
		10.93-	112298	14 80				
ZX 1.8 i	[LFZ (XU7JP)]	07.92- 10.97	112298	14 80	A13 07.92- 10.97	113443	12 1.4	
		07.92- 10.97	112299	14 95	07.92- 10.97	111130	12 1.1	
ZX 1.8 i 16V	[LFY (XU7JP4)]	01.96- 02.98	111318	14 80	01.96- 02.98	111130	12 1.1	
		01.96- 02.98	113604	14 95				
ZX 1.8 Diesel	[161A (XUD7)]	06.93- 06.97	111318	14 80	06.93- 10.97	114460	12 1.4	
		06.93- 06.97	111893	14 70	06.93- 06.97	111070	12 1.7	
ZX 1.9 i	[DKZ (XU9JA)]	03.91- 10.97	112298	14 80	03.91- 10.97	111130	12 1.1	
		03.91- 10.97	112299	14 95	A13 03.91- 10.97	113443	12 1.4	
ZX 1.9 Diesel	[D9B (XUD9A/U)]	03.91- 06.95	112292	14 70	06.94-	111070	12 1.7	
		06.94-	112688	14 95	06.94- 10.97	114460	12 1.4	
		06.94-	112703	14 120				
		06.94-	113485	14 80				
		07.95- 10.97	111893	14 70				
		Chas. -6778 03.91- 06.95	112292	14 70				
		Chas. 6629- 06.94-	112688	14 95				
		Chas. 6629- 06.94-	112703	14 120				
		Chas. 6629- 06.94-	113485	14 80				
		ACPS 06.94- 06.97	114026	14 80				
		AC,PS, Stelnr. 6629- 06.94-	111893	14 70				
		[DJZ (XUD9Y)]	03.91-	112292	14 70	03.91- 10.97	114460	12 1.4
			06.95- 01.98	112703	14 120	03.91- 01.98	111070	12 1.7
			Eng. -6778 03.91- 01.98	112292	14 70			
	Chas. -6628 10.93-	112292	14 70					
	ACPS 03.91- 10.97	114026	14 80					
	AC 03.91- 01.98	112230	14 80					
ZX 1.9 TD	[DHY (XUD9TE/Y)]	07.92- 05.95	112230	14 80	07.92- 10.97	111070	12 1.7	
		07.92- 06.95	112292	14 70	07.92- 10.97	114460	12 1.4	
		07.95- 10.97	111893	14 70				
		Chas. 6629- 07.92- 10.97	112688	14 95				
		Chas. 6629- 07.92- 10.97	112703	14 120				
		Chas. 6629- 07.92- 10.97	113485	14 80				
	ACPS 10.93- 10.97	114026	14 80					
ZX 2.0 i	[RFX (XU10J2C)]	07.92- 06.96	112298	14 80	07.92- 10.97	113443	12 1.4	
		07.92- 06.96	112299	14 95				
		07.92- 06.97	113604	14 95				
		Chas. 7175- 06.96- 10.97	111318	14 80				
		Chas. -7174 07.92- 06.96	112298	14 80				
	Chas. -7174 07.92- 06.96	112299	14 95					
ZX 2.0 i 16V	[RFS (XU10J4RS)]	05.96-	111318	14 80				
		05.96- 06.97	113604	14 95				
	[RFT (XU10J4/Z)]	07.92- 10.97	111318	14 80	07.92- 10.94	111130	12 1.1	
		07.92- 06.97	113604	14 95				
		06.94-	112298	14 80				
	06.94-	112299	14 95					
	[RFY (XU10J4/Z)]	07.92- 10.94	112298	14 80	07.92- 10.94	113443	12 1.4	
		07.92- 10.94	112299	14 95				
<b>PASSENGER CARS AO</b>								
AX 1.4 4x4	[K2A]	09.86- 07.92	112754	14 70				
		AC 09.86- 07.92	114026	14 80				
Berlingo 2.0 HDi 4x4	[RHY (DW10TD)]	11.02- 10.05	113640	14 150	11.02- 10.05	111070	12 1.7	
		11.02- 10.05	113755	14 150				
		03.04- 10.05	112058	14 70				
		03.04- 10.05	112460	14 150				
		03.04- 10.05	112480	14 90				
	03.04- 10.05	113603	14 80					
BX 1.6	[B6D]				07.82- 01.93	110587	12 1.2	
BX 1.9 GTi 4x4					10.84- 01.93	110587	12 1.2	
C3 1.4 Pluriel Hybrid	[KFX (TU3JP)]	09.05-	113755	14 150				
C5 3.0	[ES9A]				02.08-	115354	12 1.3	
	[XFX (ES9J4S)]				02.08-	115354	12 1.3	
XM 2.1 Diesel D12 VSX	[P9A (XUD11A)]	03.96- 08.96	112688	14 95	03.96- 08.96	111070	12 1.7	
		03.96- 08.96	112703	14 120				
XM 3.0		05.89- 05.94	112299	14 95	05.89- 05.94	111129#	12 1.4	
Xsara 1.6 Picasso Chrono		04.01- 10.04	113575	14 80				
ZX 1.4 Diesel	[K9Y (TUD3Y)]	07.94- 10.97	110619	14 70	07.94- 10.97	110584	12 1.2	
					07.94- 10.97	111029	12 1.4	
ZX 1.5 Diesel SX	[VJY (TUD5)]	06.96- 02.98	111532	14 80				
		06.96- 02.98	112287	14 70				
ZX 1.9		03.91- 08.92	112292	14 70	03.91- 09.93	111130	12 1.1	
					03.91- 09.93	113443	12 1.4	



<b>Clark</b>										
<b>FORK LIFTS</b>										
GCX40	[Perkins]							01.90-	01.97	111222 12 2.8
GCX50	[Perkins]							01.90-	01.97	111222 12 2.8
GPX35D	[Perkins]							01.90-	01.95	111222 12 2.8
GPX40D	[Perkins]							01.90-	01.95	111222 12 2.8
GPX50D	[Perkins]							01.90-	01.95	111222 12 2.8
Various Models		01.95-	01.00	113310	14	50		01.02-	01.03	113679 12 1.6
		01.75-	01.78	110173	28	75		01.75-	01.84	112243 24
								01.69-	01.93	110436 12
								01.85-	01.94	113668 12 1.2
										112489 12 2.7
								01.89-	12.95	111383 12 2.8
										111024# 12 3.6
										110602 12 2.8
										112653# 12 2.5
								01.65-	01.72	111007# 12
								01.68-		110468 12
								01.71-	01.78	111000 24 6.5
										112255 12
								01.82-		111222 12 2.8
							01.74-	01.83	111221 12 2.5	
							01.75-	01.80	110347 24 7.5	
							01.68-		111190 12	
<b>Claas</b>										
<b>AGRICULTURE</b>										
48 3.9	[4.236]	06.78-		112098	14	65		06.78-		111791# 12 2.4
56 4.1	[4.248]	12.83-		110641	14	33		12.83-		111791# 12 2.4
66 5.8	[6.354]	12.79-	10.85	111649	14	33		06.79-	10.85	111791# 12 2.4
76 6.1	[6.372]	06.78-		112098	14	65		06.78-		111791# 12 2.4
85 6.1	[6.372]							10.74-	10.85	111791# 12 2.4
85	[OM352]							10.74-	05.76	110525 12 3.0
86 5.7	[OM352]	06.78-		112098	14	65				
96 5.7	[OM352]	09.79-	10.85	112098	14	65				
96	[OM352]	06.78-		112098	14	65				
105	[OM360]	04.82-		112098	14	65				
106	[OM401]	05.80-		113611	14	90		05.80-		110539 12 3.6
								05.80-	10.85	113268 12 1.6
675	[OM360]	10.74-		113611	14	90				
680	[OM421]	10.74-		113611	14	90		10.74-		110539 12 3.6
690 14.6	[OM422]							10.74-	10.89	110206 24 5.4
816				113986	14	120				
826				113986	14	120				
836				113986	14	120				
850				113949	14	150				
685 SL	[OM421]	10.74-		113611	14	90		01.87-		110539 12 3.6
Combines		01.99-		111978	14	120				
Various 510 520 530 540				113986	14	120				
Various 610 620 630 640				113986	14	120				
Various Models				114000	14	120		01.73-	10.82	111791# 12 2.4
				114513	14	95				115326 12 5.0
				114735	14	150		10.74-	10.76	110775 12 1.8
								09.73-	05.76	110525 12 3.0
							08.78-	10.82	110536 12 2.7	
<b>Compair</b>										
<b>INDUSTRY</b>										
Various Models								01.74-	01.78	110523 24 4.8
								01.76-		110439 12 2.0
<b>Conveyancer</b>										
<b>FORK LIFTS</b>										
Various Models								01.70-	01.83	110442 12 2.1
<b>Crusader</b>										
<b>MARINE</b>										
Various Models		01.00-	01.00	111250	14	42				
		01.00-	01.00	113692	14	70				
		01.00-	01.00	113691	14	70				
		01.00-	01.00	113693	14	70				
<b>Cub Cadet</b>										
<b>AGRICULTURE</b>										
982	[Onan B48G]							01.79-	01.84	113015 12
984	[Onan B48G]							01.82-	01.84	113015 12
986	[Onan B48G]							01.82-	01.84	113015 12
1912	[Onan B48G]							B48G Eng.	01.85-	01.86 113015 12
1914	[Onan B48G]							01.85-	01.86	113015 12
7000 Diesel	[Mitsubishi 3-69]	01.98-	01.03	112492	14	50				
7200 Diesel	[Mitsubishi 3-69]	01.98-	01.03	112492	14	50				
7205 Diesel	[Mitsubishi 3-69]	01.98-	01.03	112492	14	50				
7260 Diesel	[Mitsubishi 3-80]	01.98-	01.03	112492	14	50				
7265 Diesel	[Mitsubishi 3-80]	01.98-	01.03	112492	14	50				
7305 Diesel	[mitsubishi Equipped]			114079	14	40				
7360 Diesel	[Mitsubishi 4-107]	01.00-	01.03	112492	14	50				
7530 Diesel		01.04-	01.06	112492	14	50				
7532 Diesel		01.04-	01.06	112492	14	50				
Compact 1170	[Briggs & Stratton]							01.00-	01.01	113853 12
Compact 1600	[Briggs & Stratton]							01.99-	01.99	113853 12
Compact 1800	[Briggs & Stratton]							01.99-	01.99	113853 12
Compact 2130	[Kohler]							01.94-	01.95	112546 12 0.6
Compact 2135	[Kohler]							01.94-	01.95	112546 12 0.6
Compact 2185	[Kohler]							01.94-	01.01	112546 12 0.6

# STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



**CUB CADET** *Continued*

Garden 1340 1.3	[Kohler]				01.90- 01.91	112150	12		
Garden 1863	[Kohler]				01.93- 01.97	112546	12	0.6	
Garden 1864	[Kohler]				01.93- 01.97	112546	12	0.6	
Garden 2072					01.87- 01.89	112831	12	0.6	
Garden 2082					01.92- 01.00	112831	12	0.6	
Garden 2084	[Kohler]				01.94- 01.95	112546	12	0.6	
Lawn 1315 1.3	[Kohler]				01.89- 01.91	112150	12		
Lawn 1320	[Kohler]				01.89- 01.91	112150	12		
Lawn 1325	[Kohler]				01.92- 01.93	112150	12		
Lawn 1330	[Kohler]				01.92- 01.93	112150	12		
Lawn 1405	[Kohler]				01.90- 01.91	112150	12		
Zero Turn	[Kawasaki]					114823	12	0.6	
	[Kohler]					114075	12		
<b>INDUSTRY</b>									
365	[Kohler]				01.00- 01.02	112546	12	0.6	
3654	[Kohler]				01.00- 01.01	112546	12	0.6	
3660	[Kohler]				01.00- 01.01	112546	12	0.6	
RTZ 17	[Briggs & Stratton]				01.04- 01.04	113853	12		
Z48	[Kohler]				01.97- 01.99	112546	12	0.6	
Z54	[Kohler]				01.97- 01.99	112546	12	0.6	
Z-Force 42	[Briggs & Stratton]				01.04- 01.04	113853	12		
<b>MISCELLANEOUS</b>									
Big Country	[Honda]				01.02- 01.04	113732	12	1.0	
<b>Cummins</b>									
<b>TRUCKS EU</b>									
Various Models	[DT466]		114349	28	150				
<b>INDUSTRY</b>									
Engine					01.85-	112267	12	2.5	
Various Models						114282	24	4.5	
						115352	12	2.5	
<b>MOTORS</b>									
4B 3.3			114097	14	60				
Engine 10.0		01.83- 01.91	110801	28	45	01.83- 01.93	112089	12	
		01.83- 12.92	112989	14	60				
			112265	28	100				
		01.83- 01.91	112260#	14	80				
		01.83- 01.90	112262#	14	90				
			112264#	14	105				
			112998#	14	85				
Engine 14.0		01.83- 01.93	110801	28	45	01.93	112089	12	
		01.83- 12.92	112989	14	60				
			112265	28	100				
			112264#	14	105				
			112998#	14	85				
Engine 5.9			113999	14	150 IS		110520	24	4.0
		01.77- 01.91	112265	28	100		113114	12	2.7
		01.89-	112773	14	135				
Engine 8.3		01.83- 01.85	110801	28	45		114013	24	
		01.89- 01.98	112265	28	100		113827	24	7.0
						01.92- 01.98	112544	24	7.5
Engine		01.80- 12.91	112989	14	60	01.83-	112267	12	2.5
		01.92	112265	28	100		113114	12	2.7
		01.91- 01.92	112160	28	75		114332	12	2.2
			111647	28	60		113429	12	4.2
		01.80- 01.92	112260#	14	80				
		01.91- 01.92	112993	14	130				
		01.91- 01.92	112994	14	100				
		01.80- 01.88	110801	28	45				
OSB 6.7L 6.7 Diesel	[OSB]						114325	12	4.6
QSC 8.3L 8.3 Diesel	[QSC]						114325	12	4.6
Various Models		01.87-	112998#	14	85	01.87-	115352	12	2.5
		01.87-	111295	28	55	01.85-	112267	12	2.5
		01.83- 01.90	112262#	14	90	01.03-	114326	24	7.5
		01.72- 01.84	112303#	14	80	01.87-	114330	24	8.3
			114374	28	110	01.87-	114331	24	8.3
		01.87-	114349	28	150	01.87-	114332	12	2.2
		01.80- 01.85	110801	28	45	01.87-	114338	24	4.5
		01.87-	114347	28	150		114339	24	4.5
		01.87-	114351	14	200	01.87-	112544	24	7.5
		01.83- 12.84	112989	14	60	01.70-	111000	24	6.5
		01.87-	112560	28	140	01.87-	114282	24	4.5
		01.80- 01.91	112260#	14	80		114397	24	4.0
							112248#	12	3.6
						01.87-	114710	24	4.0
							112372	24	7.8
						01.83- 01.85	112255	12	
						01.87-	111760	24	4.5
<b>Dacia</b>									
<b>PASSENGER CARS EU</b>									
1310 1.3	[810-02..]				05.83-	110367	12	1.0	
Dokker 1.6 16V					11.12-	113932	12	0.85	
Dokker Express 1.6 16V					12.12-	113932	12	0.85	
Duster 1.5 DCi	[K9K796]	04.10-	113940	14	110 A47				
	[K9K892]	10.10-	113940	14	110 A47				
Duster 1.5 DCi 4x4	[K9K894]	10.10-	113940	14	110 A47				
Duster 1.6 16V	[K4M690]	04.10-	113940	14	110 A47	04.10-	113932	12	0.85
Duster 1.6 16V 4x4	[K4M606]	06.10-	113940	14	110 A47	06.10-	113932	12	0.85
Duster 1.6 16V Flex	[K4M696]	04.11-	113940	14	110	04.11-	113932	12	0.85
Duster 1.6 16V LPG	[K4M696]	04.11-	113940	14	110 A47	04.11-	113932	12	0.85





Lodgy 1.5 dCi						06.10-	113897	12	1.4
Logan 1.1						10.12-	114095	12	0.85
Logan 1.1 16V	[D4F732]					02.06-	114095	12	0.85
Logan 1.1 16V						02.06-	114095	12	0.85
Logan 1.4	[K7J710]					02.07-	114180	12	0.8
Logan 1.4 Express	[K7J710]					03.09-	114180	12	0.8
Logan 1.4 i	[K7J710]	PS 07.04-	112199	14	75	09.04-	111251	12	1.1
		ACPS 07.04-	112144	14	98	09.04-	114180	12	0.8
Logan 1.4 MPI	[K7J710]					02.06-	114180	12	0.8
Logan 1.5 DCI	[K9K790]	09.05-	113862	14	125	09.05-	113927	12	1.1
		09.05-	114673	14	120				
	[K9K792]	01.06-	113862	14	125	01.06-	113927	12	1.1
		01.06-	114673	14	120				
	[K9K796]	09.07-	113862	14	125				
	[K9K892]	05.10-	113862	14	125	05.10-	113897	12	1.4
		05.10-	113940	14	110 A47				
Logan 1.5 DCI Express	[K9K792]	03.09-	114673	14	120				
Logan 1.5 DCI MCV	[K9K796]	09.07-	113862	14	125				
Logan 1.6	[K7M710]					02.07-	114180	12	0.8
Logan 1.6 Express	[K7M710]					03.09-	114180	12	0.8
Logan 1.6 16V	[K4M690]	02.06-	112144	14	98	02.06-	111251	12	1.1
	[K4M696]	02.06-	112144	14	98	02.06-	111251	12	1.1
Logan 1.6 i	[K7M710]	PS 07.04-	112199	14	75	09.04-	111251	12	1.1
		ACPS 07.04-	112144	14	98	09.04-	114180	12	0.8
Logan 1.6 MPI 85	[K7M800]					05.10-	113932	12	0.85
Logan 1.6 LPG	[K7M710]					11.08-	113932	12	0.85
						11.08-	114180	12	0.8
Logan 1.6 16V Flex	[K4M696]	01.11-	113940	14	110	01.11-	113932	12	0.85
Logan 1.6 16V Flexifuel	[K4M690]	11.09-	113940	14	110 A47	11.09-	113932	12	0.85
	[K4M694]	11.09-	113940	14	110 A47	11.09-	113932	12	0.85
Logan 1.6 Flexifuel	[K7M718]					05.10-	113932	12	0.85
Logan MCV 1.1						02.13-	114095	12	0.85
Logan MCV 1.1 LPG						02.13-	114095	12	0.85
Sandero 1.1	[D4F732]					01.13-	114095	12	0.85
Sandero 1.1 LPG						01.13-	114095	12	0.85
Sandero 1.2 Flexifuel	[D4F732]					11.08-	114095	12	0.85
Sandero 1.4	[K7J710]					06.08-	114180	12	0.8
Sandero 1.4 MPI LPG	[K7J714]	01.09-	112144	14	98	01.09-	114180	12	0.8
		01.09-	112199	14	75				
Sandero 1.5 DCI	[K9K792]	11.08-	113862	14	125	11.08-	113897	12	1.4
		11.08-	113940	14	110 A47				
		11.08-	114673	14	120				
	[K9K796]	11.08-	113940	14	110 A47				
	[K9K892]	05.10-	113862	14	125	05.10-	113897	12	1.4
		05.10-	113940	14	110 A47				
Sandero 1.6	[K7M710]					06.08-	114180	12	0.8
Sandero 1.6 16V	[K4M690]	07.11-	113940	14	110	07.11-	113932	12	0.85
Sandero 1.6 MPI 85	[K7M800]					05.10-	113932	12	0.85
Sandero 1.6 Flexifuel	[K4M690]	01.11-	113940	14	110 A47	01.11-	113932	12	0.85
	[K4M694]	01.11-	113940	14	110 A47	01.11-	113932	12	0.85
<b>PASSENGER CARS AO</b>									
T210 1.2						06.83- 12.94	110367	12	1.0
<b>Daedong Kloti</b>									
<b>AGRICULTURE</b>									
DK35 Series	[Kubota]		114219	14	50				
DK40 Series	[Kubota]		114219	14	50				
DK65 Series	[Kubota]		114219	14	50				
DK65S Series	[Kubota]		114219	14	50				
<b>Daewoo</b>									
<b>PASSENGER CARS EU</b>									
Avia A							113269	12	3.0
Espero 1.5	[G15MF]					10.97- 09.99	111123	12	0.9
Espero 1.5 16V	[A15MF]	02.92- 01.98	111846	14	80	02.95- 06.99	111684	12	1.4
						10.93- 09.94	111123	12	0.9
Espero 1.8	[C18LE]	02.95- 01.97	111708	14	85				
Espero 2.0	[C20LE]	02.95- 01.97	111708	14	85				
Evanda 2.0	[L88]	08.02-	113498	14	80	08.02- 01.05	111848	12	1.0
Kalos 1.2	[B12S1]	04.03-	115366	14	80	04.03-	113860	12	0.8
Kalos 1.4	[F14S3]	09.02- 12.04	114350	14	85	09.02-	111123	12	0.9
Kalos 1.4 16V	[F14D3]	04.03-	114350	14	85	04.03-	111123	12	0.9
Korando 2.0 16V	[M161.950]	02.99-	112578	14	75				
Korando 2.3	[M161.970]	02.99-	112578	14	75	02.99-	111347	12	1.2
	[M161E23]	07.96- 12.00	112530	14	120	07.96-	111347	12	1.2
Korando 2.9 Diesel	[OM662]	01.99-	112578	14	75	01.99-	111065	12	2.2
		02.99-	112529	14	90				
Korando 2.9 TD	[OM60129TD]	01.99-	112578	14	75	07.96- 12.00	111065	12	2.2
Korando 3.2	[M104.995]	01.99-	112578	14	75				
Lacetti 1.4	[F14D3]	02.04-	114350	14	85	03.04- 01.05	111123	12	0.9
Lacetti 1.6	[F16D3]	02.04-	114350	14	85	02.04- 01.05	111123	12	0.9
		02.04-	114412	14	85				
Lacetti 1.8	[T18SED]					02.04- 01.05	111848	12	1.0
Lanos 1.4	[A14SMS]	05.97-	113350	14	85	05.97-	111123	12	0.9
Lanos 1.5	[A15SMS]	05.97-	113350	14	85	05.97-	111123	12	0.9
		AT 05.97-	113350	14	85				
	[Y15L]	05.97-	113350	14	85	05.97-	111123	12	0.9
Lanos 1.6 16V	[A16DMS]	05.97-	113350	14	85	04.97- 09.03	111123	12	0.9
						05.97-	111684	12	1.4
Leganza 2.0 16V	[X20SED]	06.97- 12.02	113498	14	80	06.97-	111848	12	1.0
Leganza 2.2 16V	[T22SED]	04.99- 12.02	113498	14	80	04.99- 12.02	111848	12	1.0

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

**DAEWOO** *Continued*

Matiz 0.8	[F8CV]	09.98-	114114	14 65		09.98- 01.05	111849	12 0.8
Matiz 1.0	[B10S]	01.03-	114114	14 65		01.03-	113860	12 0.8
Musso 2.3	[M111.970]	01.99-	112578	14 75		01.99-	111347	12 1.2
Musso 2.3 TD	[OM601]	09.99-	112578	14 75		09.99-	111065	12 2.2
Musso 2.9 Diesel	[OM662]	01.99-	112578	14 75		01.99-	111065	12 2.2
Musso 2.9 TD	[OM60129TD]	01.99-	112578	14 75				
Musso 3.2	[M104.992]	01.99-	112578	14 75		01.99-	111347	12 1.2
Nexia 1.5	[G15MF]	02.95- 01.98	111846	14 80		01.95- 11.01	111123	12 0.9
Nexia 1.5 16V	[A15MF]	02.95-	111846	14 80		02.95-	111123	12 0.9
						02.95- 08.97	111684	12 1.4
Nubira 1.4	[F14D3]	10.03- 12.04	114350	14 85				
Nubira 1.6	[F16D3]	07.03-	113498	14 80		07.03-	111123	12 0.9
		07.03-	114350	14 85				
		07.03-	114412	14 85				
Nubira 1.6 16V	[A16DMS]	05.97-	113349	14 85		02.97-	111123	12 0.9
		06.97-	113498	14 80		06.97-	111123	12 0.9
Nubira 1.8	[T18SED]	07.03-	114350	14 85		07.03-	111848	12 1.0
		07.03-	114412	14 85				
		03.99-	113498	14 80				
Nubira 2.0 16V	[T20SED]	12.00-	113498	14 80		12.00-	111123	12 0.9
	[X20SED]	05.97-	113498	14 80		05.97-	111848	12 1.0
Rexton 2.9 TD	[OM662.983]	04.02-	112578	14 75				
Rexton 3.2 V6	[M162.992]	04.02-	112578	14 75				
Rezzo/Tacuma 1.6	[A16DMS]	09.00-	113349	14 85		Chas. -732867 09.00- 01.05	111123	12 0.9
						Chas. 732868- 09.00- 01.05	112431	12 1.1
Rezzo/Tacuma 1.8	[A18DMS]					09.00- 01.05	111123	12 0.9
	[F18D2]					09.00-	111123	12 0.9
		09.00-	113498	14 80		09.00- 01.05	111123	12 0.9
Rezzo/Tacuma 2.0	[T20SED]	09.00-	113498	14 80		09.00- 01.05	111848	12 1.0
	[X20SED]	09.01-	113498	14 80		09.01- 01.05	111848	12 1.0
<b>PASSENGER CARS US</b>								
Leganza 2.2		01.99- 01.00	113498	14 80		01.99- 01.00	111848	12 1.0
Nubira 2.0		01.99- 01.00	113498	14 80		01.99- 01.00	111848	12 1.0
<b>PASSENGER CARS AO</b>								
Aranos 1.5	[V15L]					01.95- 11.97	111123	12 0.9
Cielo 1.5	[V15L]					06.94-	111123	12 0.9
Lacetti 1.8 CDX	[T18SED]	08.03- 12.04	114350	14 85				
Winstorm 3.2 Executive 4WD	[Z32SEE]	12.06-	114235	14 120				
<b>FORK LIFTS</b>								
Various Models							112502	24 4.5
							110573	12 2.0
							111709	12 2.2
							113456	24 6.0
							112344	12 2.5
<b>DAF</b>								
<b>PASSENGER CARS EU</b>								
428-435 2.5 Diesel	[EN55]					04.89- 08.93	111125	12 2.2
428-435 2.5 TD	[ET70]					04.89- 08.93	111125	12 2.2
66 Marathon 1.3 1300	[B13,0S]	09.73- 08.75	110899	14 33		09.73- 08.75	110367	12 1.0
<b>PASSENGER CARS US</b>								
55 1.1						01.68-	110367	12 1.0
<b>TRUCKS EU</b>								
45.120 5.9	[CD85]					05.91- 12.00	111399	24 4.0
45.130 5.9	[CN96]	05.91- 12.00	111569	28 30		05.91-	111399	24 4.0
	[CS97M]	05.91- 12.00	111569	28 30		05.91- 12.00	111399	24 4.0
	[CT97]	05.91- 12.00	111569	28 30		05.91- 12.00	111399	24 4.0
45.150 5.9	[CB108]					05.91- 12.00	111399	24 4.0
	[CS107M]					05.91- 12.00	111399	24 4.0
	[CT108]					05.91- 12.00	111399	24 4.0
45.160 5.9	[CS119]	05.91- 12.00	111569	28 30		05.91- 12.00	111399	24 4.0
	[CT119]	05.91- 12.00	111569	28 30		05.91- 12.00	111399	24 4.0
45.180 5.9	[CS133M]					05.95- 12.00	111399	24 4.0
45.210 5.9	[CS158M]					05.95- 12.00	111399	24 4.0
65.180 6.2	[NS133L]	03.93- 02.98	110895	28 55		03.93- 02.98	111637	24 4.0
		03.93- 02.98	112159	28 80				
	[NS133M]	03.93- 02.98	110895	28 55				
65.210 6.2	[NS156L]	03.93- 02.98	110895	28 55		03.93- 02.98	111637	24 4.0
		03.93- 02.98	112159	28 80				
	[NS156M]	03.93- 02.98	110895	28 55				
75.240 8.7	[RS180]	07.92- 02.98	110895	28 55		07.92- 02.98	112055	24 5.2
		07.92- 02.98	112159	28 80				
	[RS180L]	07.92- 02.98	110895	28 55		07.92- 02.98	112055	24 5.2
		07.92- 02.98	112159	28 80				
		07.92- 12.97	113488#	28 140				
	[RS180M]	07.92- 02.98	110895	28 55		07.92- 02.98	112055	24 5.2
		07.92- 02.98	112159	28 80				
75.270 8.7	[RS200]	07.92- 02.98	110895	28 55		07.92- 02.98	112055	24 5.2
		07.92- 02.98	112159	28 80				
	[RS200L]	07.92- 02.98	110895	28 55		07.92- 02.98	112055	24 5.2
		07.92- 02.98	112159	28 80				
	[RS200M]	07.92- 02.98	110895	28 55		07.92- 02.98	112055	24 5.2
		07.92- 02.98	112159	28 80				
75.300 8.7	[RS222]	07.92- 02.98	110895	28 55		07.92- 02.98	112055	24 5.2
		07.92- 02.98	112159	28 80				
	[RS222 L]	07.92- 02.98	110895	28 55		07.92- 02.98	112055	24 5.2
		07.92- 02.98	112159	28 80				
	[RS222L]	07.92- 02.98	110895	28 55		07.92- 02.98	112055	24 5.2
		07.92- 02.98	112159	28 80				



	[RS222M]	07.92- 02.98	110895	28 55		07.92- 02.98	112055	24 5.2
85.330 11.6	[WS242]	07.92- 02.98	112159	28 80				
		07.92- 02.98	112159	28 80				
	[WS242L]	07.92- 02.98	110895	28 55				
		07.92- 02.98	112159	28 80				
	[WS242M]	07.92- 02.98	110895	28 55				
		07.92- 02.98	112159	28 80				
85.360 11.6	[WS268]	07.92- 02.98	110895	28 55				
		07.92- 02.98	112159	28 80				
85.360 11.6	[WS268L]	07.92- 02.98	110895	28 55				
		07.92- 02.98	112159	28 80				
85.400 11.6	[WS268M]	07.92- 02.98	110895	28 55				
		07.92- 02.98	112159	28 80				
85.400 11.6	[WS295M]	03.95- 02.98	110895	28 55				
		03.95- 02.98	112159	28 80				
95.310 11.6	[WS225]	09.87-	111146	28 55		09.87-	110981	24 5.4
		09.87-	112159	28 80				
		04.88-	113488#	28 140				
95.330 11.6	[WS242]					08.90- 01.93	110981	24 5.4
		08.90-	111146	28 55				
		08.90-	112159	28 80				
		05.93-	113488#	28 140				
95.350 11.6	[WS259]	09.87-	111146	28 55		09.87- 09.90	110981	24 5.4
		04.88-	112159	28 80				
		05.93-	113488#	28 140				
95.360 11.6	[WS268]	08.90- 01.98	110895	28 55		08.90- 01.98	110981	24 5.4
		08.90- 04.97	111146	28 55				
		08.90- 04.97	112159	28 80				
		08.90- 01.98	113488#	28 140				
	[WS268G]	08.90- 04.97	111146	28 55		08.90- 04.97	110981	24 5.4
		08.90- 04.97	112159	28 80				
		04.92- 04.97	113488#	28 140				
	[WS268L]	08.90- 04.97	111146	28 55		09.87- 04.97	110981	24 5.4
		08.90- 04.97	112159	28 80				
		05.93- 04.97	113488#	28 140				
	[WS268M]	08.90- 04.97	111146	28 55		03.93- 04.97	110981	24 5.4
		08.90- 04.97	112159	28 80				
	03.93- 04.97	113488#	28 140					
95.380 11.6	[WS282]	09.87- 09.90	110116	28 35		09.87- 09.90	110981	24 5.4
		09.87-	111146	28 55				
		08.90-	112159	28 80				
		05.93-	113488#	28 140				
95.400 11.6	[WS295]	08.90- 01.98	110895	28 55		08.90- 01.98	110981	24 5.4
		08.90- 04.97	111146	28 55				
		08.90- 04.97	112159	28 80				
		05.93- 04.97	113488#	28 140				
	[WS295G]	08.90- 04.97	111146	28 55		08.90- 04.97	110981	24 5.4
		08.90- 04.97	112159	28 80				
		05.93- 04.97	113488#	28 140				
	[WS295L]	08.90- 04.97	111146	28 55		08.90- 04.97	110981	24 5.4
		08.90- 04.97	112159	28 80				
		05.93- 04.97	113488#	28 140				
	[WS295M]	08.90- 04.97	111146	28 55		03.93- 04.97	110981	24 5.4
		08.90- 04.97	112159	28 80				
	03.93- 04.97	113488#	28 140					
95.430 11.6	[WS315]					02.92- 01.98	110981	24 5.4
		02.92- 01.98	110895	28 55				
		02.92- 04.97	111146	28 55				
		02.92- 04.97	112159	28 80				
		07.92- 04.97	113488#	28 140				
	[WS315G]	02.92-	111146	28 55		02.92-	110981	24 5.4
		02.92-	112159	28 80				
		02.92-	113488#	28 140				
	[WS315L]	02.92- 04.97	111146	28 55		02.92- 04.97	110981	24 5.4
		02.92- 04.97	112159	28 80				
		02.92- 04.97	113488#	28 140				
	[WS315M]					02.92- 04.97	110981	24 5.4
	02.92- 04.97	111146	28 55					
	02.92- 04.97	112159	28 80					
	02.92- 04.97	113488#	28 140					
65 CF.180 6.2	[NS133M]					02.98- 12.00	111637	24 4.0
65 CF.210 6.2	[NS156M]					02.98- 12.00	111637	24 4.0
65 CF.240 6.2	[NS177M]	02.98- 12.00	110895	28 55		02.98- 12.00	111637	24 4.0
						02.98- 12.00	114745	24 4.0
75 CF.250 9.2	[PF183M]	01.98- 12.00	110895	28 55		01.98- 12.00	112055	24 5.2
		01.98- 12.00	113284	28 100				
		01.98- 12.00	115491	28 100 A49				
	[PF212M]	01.98- 12.00	110895	28 55		01.98- 12.00	112055	24 5.2
75 CF.290 9.2	[PF212M]	01.98- 12.00	110895	28 55		01.98- 12.00	112055	24 5.2
75 CF.320 9.2	[PF235M]	01.98- 12.00	110895	28 55		01.98- 12.00	112055	24 5.2
85 CF.340 12.6	[XF250M]	01.98- 04.01	110895	28 55				
		01.98- 04.01	113284	28 100				
		01.98- 04.01	115491	28 100 A49				
85 CF.380 12.6	[XF280M]	01.98- 12.00	110895	28 55				
		01.98- 12.00	113284	28 100				
		01.98- 12.00	115491	28 100 A49				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



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DAF Continued

85 CF.430 12.6	[XF315M]	01.98- 12.00	110895	28 55				
		01.98- 12.00	113284	28 100				
		01.98- 12.00	115491	28 100 A49				
95 XF.380 12.6	[XF280M]	01.97- 09.02	110895	28 55	01.97-	112581	24 6.2	
		01.97-	112159	28 80				
		01.97-	113284	28 100				
95 XF.430 12.6	[XF315M]	01.97-	110895	28 55	01.97-	112581	24 6.2	
		01.97-	112159	28 80				
		01.97-	113284	28 100				
95 XF.480 12.6	[XF355M]	01.97-	110895	28 55	01.97-	112581	24 6.2	
		01.97-	112159	28 80				
		01.97-	113284	28 100				
95 XF.530 12.6	[XE390C]	02.01- 09.02	110895	28 55	02.01- 09.02	113934	24 5.5	
95 XF.530 14.0	[VF390M]	01.97-	110895	28 55	01.97-	112581	24 6.2	
		01.97-	112159	28 80				
		01.97-	113284	28 100				
CF 65.180 5.9	[CE136C]	01.01-	114036	28 100	01.01-	113760	24 4.0	
CF 65.220 5.9	[CE162C]	01.01-	114036	28 100	01.01-	113760	24 4.0	
CF 65.220 6.7	[GR165S1]				04.07-	113760	24 4.0	
CF 65.250 5.9	[CE184C]	01.01-	114036	28 100	01.01-	113760	24 4.0	
CF 65.250 6.7	[GR184S1]				04.07-	113760	24 4.0	
CF 65.290 6.7	[GR210S1]				04.07-	113760	24 4.0	
CF 75.250 9.2	[PE183C]	01.01-	113284	28 100	01.01-	112055	24 5.2	
		01.01-	115491	28 100 A49	01.01-	114069	24 4.0	
		01.01-	115491	28 100 A49				
		01.01-	113284	28 100	01.01-	112055	24 5.2	
CF 75.310 9.2	[PE228C]	01.01-	113284	28 100	01.01-	112055	24 5.2	
		01.01-	115491	28 100 A49	01.01-	114069	24 4.0 A45	
		01.01-	115491	28 100 A49				
		01.01-	113284	28 100	01.01-	112055	24 5.2	
		01.01-	115491	28 100 A49	01.01-	114069	24 4.0 A45	
		01.01-	115491	28 100 A49	01.01-	112055	24 5.2	
CF 75.360 9.2	[PE265C]	01.01-	113284	28 100	01.01-	112055	24 5.2	
		01.01-	115491	28 100 A49				
		01.01-	115491	28 100 A49				
CF 85.340 12.6	[XE250C]	01.01-	113284	28 100	01.97-	112581	24 6.2	
		01.01-	115491	28 100 A49	01.01-	113934	24 5.5	
		01.97-	110895	28 55				
		01.97-	112159	28 80				
CF 85.360 12.6	[MX265]	04.07-	115491	28 100 A49	04.07-	113934	24 5.5	
CF 85.360 12.9	[MX265]	10.06-	114089	28 80	10.06-	114073	24 5.5	
		10.06-	114314	28 110	10.06-	115511	24 5.5 A49	
		10.06-	115495	28 80 A49				
CF 85.380 12.6	[XE280C]	01.01-	113284	28 100	12.05-	114073	24 5.5	
		01.01-	115491	28 100 A49	12.05-	115511	24 5.5 A49	
		04.01-	110895	28 55	04.01-	112581	24 6.2	
		04.01-	112159	28 80	01.01-	113934	24 5.5	
		12.05-	114089	28 80				
		12.05-	114314	28 110				
CF 85.410 12.9	[MX300]	10.05-	114089	28 80	10.05-	114073	24 5.5	
		10.05-	114314	28 110	10.05-	115511	24 5.5 A49	
		10.05-	115495	28 80 A49				
		01.01-	113284	28 100	04.01-	112581	24 6.2	
CF 85.430 12.6	[XE315C]	01.01-	115491	28 100 A49	01.01-	113934	24 5.5	
		01.01-	115491	28 100 A49				
		04.01-	110895	28 55				
CF 85.460 12.9	[MX340]	10.05-	114089	28 80	10.05-	114073	24 5.5	
		10.05-	114314	28 110	10.05-	115511	24 5.5 A49	
		10.05-	115495	28 80 A49				
CF 85.480 12.6	[XE355C]	01.01-	113284	28 100	01.01-	113934	24 5.5	
		01.01-	115491	28 100 A49	04.01-	112581	24 6.2	
CF 85.510 12.9	[MX375]	10.05-	114089	28 80	10.05-	114073	24 5.5	
		10.05-	114314	28 110	10.05-	115511	24 5.5 A49	
		10.05-	115495	28 80 A49				
F 1100 5.8	[DD575]				01.78- 12.81	111637	24 4.0	
F 1100 6.2	[DNTD620]	12.86- 11.90	110116	28 35	12.86- 11.90	111637	24 4.0	
		12.86- 11.90	111146	28 55				
F 1200 5.8	[DD575]	05.77- 12.81	110116	28 35	01.77- 12.81	111637	24 4.0	
		05.77- 12.81	111146	28 55				
F 1300 6.2	[DF615]	07.78- 10.88	110116	28 35	07.78- 10.88	111637	24 4.0	
		07.78- 10.88	111146	28 55				
	[DNTD620]	12.86- 12.92	110116	28 35	12.86- 12.92	111637	24 4.0	
		12.86- 12.92	111146	28 55				
F 1305 6.2	[DT615]	07.78- 02.90	110116	28 35	07.78- 02.90	111637	24 4.0	
		07.78- 02.90	111146	28 55				
F 1400 5.8	[DD575]	05.77- 12.81	110116	28 35	11.73- 12.81	111637	24 4.0	
		05.77- 12.81	111146	28 55				
F 1400 6.2	[DF615]				01.70- 11.81	112670	24 4.0	
F 1500 6.2	[DF615]	07.78- 08.91	110116	28 35	07.78- 08.91	111637	24 4.0	
		07.78- 08.91	111146	28 55				
		[DT615]	07.78- 08.91	110116	28 35	07.78- 08.91	111637	24 4.0
F 1600 6.2	[DF615]	07.78- 08.91	111146	28 55				
		05.77- 08.91	110116	28 35	11.73- 08.91	111637	24 4.0	
		05.77- 08.91	111146	28 55				



	[DT615]	05.77- 08.91	110116	28 35		11.73- 08.91	111637	24 4.0
F 1700 6.2	[DNS620]	05.77- 08.91	111146	28 55				
		01.88- 02.95	110116	28 35		01.88- 02.95	111637	24 4.0
	[DNTD620]		111146	28 55				
		12.86- 02.95	110116	28 35		12.86- 02.95	111637	24 4.0
		12.86- 02.95	111146	28 55				
F 1800 6.2	[NT133]	12.86- 02.95	110116	28 35		12.86- 02.95	111637	24 4.0
		12.86- 02.95	111146	28 55				
		12.86- 02.95	112159	28 80				
	[DT615]	05.77- 08.91	110116	28 35		11.73- 08.91	111637	24 4.0
		05.77- 08.91	111146	28 55				
F 1900 6.2	[DNS620]	12.86- 09.93	110116	28 35		12.86- 09.93	111637	24 4.0
		12.86- 09.93	111146	28 55				
		12.86- 09.93	112159	28 80				
F 2000 8.3	[DH825]	05.77- 12.79	110116	28 35	02.75- 12.79	111636#	24 5.0	
F 2100 6.2	[DF615]	07.78- 09.86	110116	28 35		07.78- 09.86	111637	24 4.0
		07.78- 09.86	111146	28 55				
F 2100 8.3	[DH825]	07.78- 08.91	110116	28 35		07.78- 09.86	111636#	24 5.0
		07.78- 08.91	111146	28 55				
	[DHR825]	07.78- 08.91	110116	28 35		07.78- 08.91	111636#	24 5.0
		07.78- 08.91	111146	28 55				
F 2103 8.3	[DH825]	07.78- 08.91	110116	28 35		07.78- 08.91	111636#	24 5.0
		07.78- 08.91	111146	28 55				
	[DHT825]	07.81- 09.86	110116	28 35		07.81- 09.86	112055	24 5.2
		07.81- 09.86	111146	28 55				
		07.81- 09.86	112055					
	[DHTD825]	07.78- 08.91	110116	28 35		07.78- 09.86	111636#	24 5.0
	07.78- 08.91	111146	28 55					
F 2105 6.2	[DF615]	07.78- 08.91	110116	28 35		07.78- 09.86	112055	24 5.2
	07.78- 08.91	111146	28 55		07.78- 08.91	111637	24 4.0	
F 2105 8.3	[DH825]	07.78- 08.91	110116	28 35		07.78- 08.91	111636#	24 5.0
		07.78- 08.91	111146	28 55				
	[DHR825]	07.78- 09.86	110116	28 35		07.78- 09.86	111636#	24 5.0
		07.78- 09.86	111146	28 55				
	[DHT825]	07.81- 08.91	110116	28 35		07.81- 08.91	111636#	24 5.0
		07.81- 08.91	111146	28 55				
	[DHTD825]	07.78- 08.91	110116	28 35		07.78- 08.91	111636#	24 5.0
	07.78- 08.91	111146	28 55					
F 2200 8.3	[DU825]	05.77- 11.80	110116	28 35		02.75- 11.80	111636#	24 5.0
F 2205 8.3	[DU825]	05.77- 11.80	110116	28 35		02.75- 11.80	111636#	24 5.0
F 2300 8.3	[DHR825]	07.78- 08.91	110116	28 35		07.78- 12.81	111636#	24 5.0
		07.78- 08.91	111146	28 55				
	[DHT825]	11.81- 08.91	110116	28 35		11.81- 08.91	111636#	24 5.0
		11.81- 08.91	111146	28 55				
	[DHTD825]	06.86- 08.91	110116	28 35				
	06.86- 08.91	111146	28 55					
	[DHU825]	07.78- 12.83	110116	28 35		07.78- 12.83	111636#	24 5.0
	07.78- 12.83	111146	28 55					
F 2305 8.3	[DH825]	07.78- 08.91	110116	28 35		07.78- 12.81	111636#	24 5.0
		07.78- 08.91	111146	28 55				
	[DHR825]	07.78- 08.91	110116	28 35		07.78- 08.91	111636#	24 5.0
		07.78- 08.91	111146	28 55				
	[DHT825]	07.78- 09.86	110116	28 35		07.78- 09.86	111636#	24 5.0
		07.78- 09.86	111146	28 55				
	[DHU825]	07.78- 08.91	110116	28 35		07.78- 08.91	111636#	24 5.0
	07.78- 08.91	111146	28 55					
F 2335 8.3	[DHT825]	07.78- 08.91	110116	28 35		07.78- 08.91	111636#	24 5.0
	07.78- 08.91	111146	28 55					
F 2500 8.3	[DHS825]	02.82- 08.91	110116	28 35		02.82- 08.91	111636#	24 5.0
		02.82- 08.91	111146	28 55		02.82- 08.86	112055	24 5.2
F 2503 8.3	[DHS825]	02.82- 09.86	110116	28 35		02.82- 09.86	111636#	24 5.0
	02.82- 09.86	111146	28 55					
F 2505 8.3	[DHS825]	02.82- 08.91	110116	28 35		02.82- 08.91	111636#	24 5.0
		02.82- 08.91	111146	28 55				
F 2525 8.3	[DHS825]	02.82- 08.91	110116	28 35		02.82- 08.91	111636#	24 5.0
		02.82- 08.91	111146	28 55		01.82- 09.86	112055	24 5.2
F 2535 8.3	[DHS825]	02.82- 08.91	110116	28 35		02.82- 08.91	111636#	24 5.0
	02.82- 08.91	111146	28 55		02.82- 09.86	112055	24 5.2	
F 2600 11.6	[DKB1160]	02.72- 12.73	110116	28 35		02.72- 12.73	110209	24 5.4
F 2700 8.3	[HS825]	01.90- 10.93	110116	28 35		01.90- 10.93	111636#	24 5.0
		01.90- 10.93	111146	28 55				
F 2800 11.6	[DKA1160]	05.77- 11.80	110116	28 35		01.74- 11.80	110209	24 5.4
		05.77- 11.80	111146	28 55				
	[DKS1160]	01.74- 09.91	110116	28 35		01.74- 09.86	110209	24 5.4
		01.74- 09.91	111146	28 55				
	[DKS1160E]	05.77- 09.91	110116	28 35		01.80- 09.91	110209	24 5.4
		05.77- 09.91	111146	28 55				
	[DKT1160]	05.77- 11.80	110116	28 35		01.74- 11.80	110209	24 5.4
		05.77- 11.80	111146	28 55				
	[DKTD1160]	01.74- 09.91	110116	28 35		01.74- 09.91	110209	24 5.4
		01.74- 09.91	111146	28 55				
	[DKV1160]	01.80- 09.91	110116	28 35		01.80- 09.91	110209	24 5.4
	01.80- 09.91	111146	28 55					
	[DKXE1160]	01.80- 09.91	110116	28 35		01.80- 09.91	110209	24 5.4
	01.80- 09.91	111146	28 55					
F 2803 11.6	[DKS1160]	05.77- 09.91	110116	28 35		01.74- 09.91	110209	24 5.4
		05.77- 09.91	111146	28 55				
	[DKS1160E]	01.80- 07.90	110116	28 35		01.80- 07.90	110209	24 5.4
	01.80- 07.90	111146	28 55					

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

DAF Continued

	[DKTD1160]	01.74- 09.91	110116	28 35		01.74- 09.91	110209	24 5.4
		01.74- 09.91	111146	28 55				
	[DKV1160]					05.83- 09.91	110209	24 5.4
	[DKXE1160]					06.85- 09.91	110209	24 5.4
F 2804 11.6	[DKS1160E]	01.80- 09.86	110116	28 35		01.80- 07.90	110209	24 5.4
		01.80- 09.86	111146	28 55				
	[DKT1160]	01.80- 09.86	110116	28 35		01.80- 09.86	110209	24 5.4
	[DKV1160]					05.83- 09.91	110209	24 5.4
	[DKXE1160]					06.85- 09.91	110209	24 5.4
F 2805 11.6	[DKS1160]	05.77- 09.91	110116	28 35		01.74- 09.91	110209	24 5.4
		05.77- 09.91	111146	28 55				
	[DKS1160E]	05.83- 09.91	110116	28 35		05.83- 09.91	110209	24 5.4
		05.83- 09.91	111146	28 55				
	[DKTD1160]	01.74- 09.91	110116	28 35		01.74- 09.91	110209	24 5.4
		01.74- 09.91	111146	28 55		06.86- 09.91	110998	24 5.2
	[DKV1160]	05.83- 09.91	110116	28 35		05.83- 09.91	110209	24 5.4
		05.83- 09.91	111146	28 55				
	[DKXE1160]	05.83- 09.91	110116	28 35		06.85- 09.91	110209	24 5.4
		05.83- 09.91	111146	28 55				
F 2815 11.6	[DKS1160]	05.77- 12.81	110116	28 35		01.74- 09.91	110209	24 5.4
		05.77- 12.81	111146	28 55				
F 2825 11.6	[DKTD1160]	01.74- 09.91	110116	28 35		01.74- 09.91	110209	24 5.4
		01.74- 09.91	111146	28 55		01.74- 09.86	110932	24 5.4
						06.86- 09.91	110998	24 5.2
	[DKV1160]	05.83- 09.91	110116	28 35		05.83- 09.91	110209	24 5.4
		05.83- 09.91	111146	28 55				
		05.83- 09.91	110116	28 35		05.83- 09.91	110209	24 5.4
		05.83- 09.91	111146	28 55				
F 3300 11.6	[DKX1160]	06.81- 09.86	110116	28 35		06.81- 09.86	110209	24 5.4
		06.81- 09.86	111146	28 55				
	[DKX1160 ATI]	06.81- 09.91	110116	28 35		06.85- 09.91	110209	24 5.4
		06.81- 09.91	111146	28 55				
F 3303 11.6	[DKX1160]	06.81- 09.86	110116	28 35		06.81- 09.86	110209	24 5.4
		06.81- 09.86	111146	28 55				
	[DKX1160 ATI]	06.85- 09.91	110116	28 35		06.85- 09.91	110209	24 5.4
		06.85- 09.91	111146	28 55				
F 3304 11.6	[DKX1160 ATI]	06.85- 09.91	110116	28 35		06.85- 09.91	110209	24 5.4
		06.85- 09.91	111146	28 55				
F 3305 11.6	[DKX1160]	06.81- 09.91	110116	28 35		06.81- 09.91	110209	24 5.4
		06.81- 09.91	111146	28 55				
	[DKX1160 ATI]	06.85- 09.91	110116	28 35		06.85- 09.91	110209	24 5.4
		06.85- 09.91	111146	28 55				
F 3325 11.6	[DKX1160]	06.81- 09.91	110116	28 35		06.81- 09.91	110209	24 5.4
		06.81- 09.91	111146	28 55				
	[DKX1160 ATI]	06.85- 09.91	110116	28 35		06.85- 09.91	110209	24 5.4
		06.85- 09.91	111146	28 55				
F 3600 11.6	[DKZ1160 ATI]	06.81- 09.91	110116	28 35		06.85- 09.91	110209	24 5.4
		06.81- 09.91	111146	28 55				
F 3603 11.6	[DKZ1160 ATI]	06.85- 09.91	110116	28 35		06.85- 09.91	110209	24 5.4
		06.85- 09.91	111146	28 55				
	[DKZE1160]	06.85- 09.91	110116	28 35		06.85- 09.91	110209	24 5.4
		06.85- 09.91	111146	28 55				
F 3604 11.6	[DKZ1160 ATI]	06.85- 09.91	110116	28 35		06.85- 09.91	110209	24 5.4
		06.85- 09.91	111146	28 55				
	[DKZE1160]					06.85- 09.91	110209	24 5.4
F 3605 11.6	[DKZ1160 ATI]	06.85- 09.91	110116	28 35		06.85- 09.91	110209	24 5.4
		06.85- 09.91	111146	28 55				
	[DKZE1160]	06.85- 09.91	110116	28 35		06.85- 09.91	110209	24 5.4
		06.85- 09.91	111146	28 55				
F 3625 11.6	[DKZ1160 ATI]	06.85- 09.91	110116	28 35		06.85- 09.91	110209	24 5.4
		06.85- 09.91	111146	28 55				
FA 45.210 4.5	[FR152]	01.09-	114036	28 100				
FA 55.210 4.5	[FR152]	01.09-	114036	28 100				
FA 55.300 6.7	[GR220]	01.09-	114036	28 100				
FA 65.300 6.7	[GR220]	01.09-	114036	28 100				
FA 85.360 12.9	[MX265]	10.06-	114314	28 110		10.06-	114073	24 5.5
						10.06-	115511	24 5.5 A49
FAC 95.310 11.6	[WS225]	09.87- 01.98	110116	28 35		09.87- 01.98	110981	24 5.4
		09.87- 01.98	111146	28 55				
		09.87- 01.98	113488#	28 140				
FAC 95.330 11.6	[WS242]	08.90- 01.98	110895	28 55		08.90- 01.98	110981	24 5.4
		08.90- 01.98	111146	28 55				
		08.90- 01.98	112159	28 80				
		08.90- 01.98	113488#	28 140				
FAC 95.350 11.6	[WS259]	09.87- 01.98	110116	28 35		09.87- 01.98	110981	24 5.4
		09.87- 01.98	111146	28 55				
		09.87- 01.98	113488#	28 140				
FAC 95.360 11.6	[WS268]	08.90- 01.98	110895	28 55		08.90- 01.98	110981	24 5.4
		08.90- 01.98	111146	28 55				
		08.90- 01.98	112159	28 80				
		08.90- 01.98	113488#	28 140				
FAC 95.380 11.6	[WS282]	09.87- 01.98	110116	28 35		09.87- 01.98	110981	24 5.4
		09.87- 01.98	111146	28 55				
		09.87- 01.98	113488#	28 140				
FAC 95.400 11.6	[WS295]	08.90- 01.98	110895	28 55		08.90- 01.98	110981	24 5.4
		08.90- 01.98	111146	28 55				
		08.90- 01.98	112159	28 80				
		08.90- 01.98	113488#	28 140				



FAC 95.430 11.6	[WS315]	02.92- 01.98	110895	28 55		02.92- 01.98	110981	24 5.4
		02.92- 01.98	111146	28 55				
		02.92- 01.98	112159	28 80				
		02.92- 01.98	113488#	28 140				
FAD 95.310 11.6	[WS225]	09.87- 01.98	110116	28 35		09.87- 01.98	110981	24 5.4
		09.87- 01.98	111146	28 55				
		09.87- 01.98	113488#	28 140				
FAD 95.330 11.6	[WS242]	08.90- 01.98	110895	28 55		08.90- 01.98	110981	24 5.4
		08.90- 01.98	111146	28 55				
		08.90- 01.98	112159	28 80				
		08.90- 01.98	113488#	28 140				
FG 345 2.5 Diesel Leyland						01.72- 01.82	110464	12 2.1
FG 350 2.5 Diesel Leyland						01.72- 01.82	110464	12 2.1
FG 420 2.5 Diesel Leyland						01.72- 01.82	110464	12 2.1
FTG 95.310 11.6	[WS225]	09.87- 01.98	110116	28 35		09.87- 01.98	110981	24 5.4
		09.87- 01.98	111146	28 55				
		09.87- 01.98	113488#	28 140				
FTG 95.330 11.6	[WS242]	08.90- 01.98	110895	28 55		08.90- 01.98	110981	24 5.4
		08.90- 01.98	111146	28 55				
		08.90- 01.98	112159	28 80				
		08.90- 01.98	113488#	28 140				
FTP 95.430 12.6	[XE315C]	01.97- 09.02	110895	28 55		01.97- 09.02	112581	24 6.2
		01.97- 09.02	112159	28 80				
	[XF315M]	01.97- 09.02	110895	28 55		01.97- 09.02	112581	24 6.2
		01.97- 09.02	112159	28 80				
FTT 95.310 11.6	[WS225]	09.87- 01.98	110116	28 35		09.87- 01.98	110981	24 5.4
		09.87- 01.98	111146	28 55				
		09.87- 01.98	113488#	28 140				
LF 45.140 4.5	[FR103S1]					05.06-	113760	24 4.0
LF 45.150 3.9	[BE110C]	01.01-	114036	28 100		01.01-	113760	24 4.0
LF 45.160 4.5	[FR118S1]					05.06-	113760	24 4.0
LF 45.170 3.9	[BE123C]	01.01-	114036	28 100		01.01-	113760	24 4.0
LF 45.180 4.5	[FR136S1]					05.06-	113760	24 4.0
LF 45.180 5.9	[CE136C]	01.01-	114036	28 100		01.01-	113760	24 4.0
LF 45.220 5.9	[CE162C]	01.01-	114036	28 100		01.01-	113760	24 4.0
LF 45.220 6.7	[GR165S1]					05.06-	113760	24 4.0
LF 55.160 4.5	[FR118S1]	05.06-	110895	28 55		05.06-	112581	24 6.2
		05.06-	112159	28 80				
LF 55.170 3.9	[BE123C]					01.01-	113760	24 4.0
LF 55.180 5.9	[CE136C]	01.01-	114036	28 100		01.01-	113760	24 4.0
LF 55.220 5.9	[CE162C]	01.01-	114036	28 100		01.01-	113760	24 4.0
LF 55.250 5.9	[CE184C]	01.01-	114036	28 100		01.01-	113760	24 4.0
N 2826 11.6	[DKS1160]	01.81- 09.91	110116	28 35		01.81- 09.91	110209	24 5.4
		01.81- 09.91	111146	28 55				
N 3326 11.6	[DKX1160]	01.81- 09.91	110116	28 35		01.81- 09.91	110209	24 5.4
		01.81- 09.91	111146	28 55				
SB 201 DKDL 11.6	[DKDL1160]					01.74- 07.90	110932	24 5.4
Various Models		01.89-	112238	14 65			110209	24 5.4
						1.5L, 1.8L 4cyl.	110817	12 2.1
							110932	24 5.4
							110981	24 5.4
							111636#	24 5.0
							111637	24 4.0
							112055	24 5.2
							112581	24 6.2
							112656#	24 4.5
							112670	24 4.0
XF 105.410 12.9	[MX300]	10.05-	114089	28 80		10.05-	114073	24 5.5
		10.05-	114314	28 110		10.05-	115511	24 5.5 A49
		10.05-	115495	28 80 A49		10.05-	113934	24 5.5
XF 105.460 12.9	[MX340]	10.05-	114089	28 80		10.05-	114073	24 5.5
		10.05-	114314	28 110		10.05-	115511	24 5.5 A49
		10.05-	115495	28 80 A49				
XF 105.510 12.9	[MX375]	10.05-	114089	28 80		10.05-	114073	24 5.5
		10.05-	114314	28 110		10.05-	115511	24 5.5 A49
		10.05-	115495	28 80 A49				
XF 95.380 12.6	[XE280C]	12.05-	114089	28 80		01.97-	113284	
		12.05-	114314	28 110		12.05-	114073	24 5.5
		12.05-	115495	28 80 A49		12.05-	115511	24 5.5 A49
		01.97-	113284	28 100		01.97-	113934	24 5.5
		01.97-	115491	28 100 A49		01.97-	112581	24 6.2
	[XF280M]	01.97-	113284	28 100		01.97-	113934	24 5.5
						01.97-	112581	24 6.2
XF 95.430 12.6	[XE315C]	12.05-	114089	28 80		12.05-	115511	24 5.5 A49
		12.05-	114314	28 110		12.05-	114073	24 5.5
		12.05-	115495	28 80 A49		01.97-	112581	24 6.2
		01.97-	110895	28 55		01.97- 12.06	113934	24 5.5
		01.97-	112159	28 80				
		01.97-	113284	28 100				
		01.97- 12.06	115491	28 100 A49				
	[XF315M]	01.97-	113284	28 100		01.97-	113934	24 5.5
		01.97-	115491	28 100 A49		01.97-	112581	24 6.2
XF 95.480 12.6	[XE355C]	01.97-	113284	28 100		01.97-	112581	24 6.2
		01.97-	115491	28 100 A49		01.97-	113934	24 5.5
	[XF355M]	01.97-	113284	28 100		01.97-	113934	24 5.5
		01.97-	115491	28 100 A49		01.97-	112581	24 6.2

## STARTERS & ALTERNATORS

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**DAF Continued**

XF 95.530 12.6	[XE390C]	09.02-	113284	28	100	01.97-	12.06	113934	24	5.5	
		09.02- 12.06	115491	28	100 A49	01.97-	09.02	112581	24	6.2	
		01.97- 09.02	110895	28	55						
		01.97- 09.02	112159	28	80						
XF 95.530 14.0	[VF390M]					01.97-	09.02	113934	24	5.5	
<b>MARINE</b>											
DD515			113477	28	55						
DD575			110052	28	40						
DF615			110052	28	40						
			113477	28	55						
DT615			113477	28	55						
Various Models			110173	28	75						
<b>Daihatsu</b>											
<b>PASSENGER CARS EU</b>											
1200 1.2	[3K]					11.74-	02.78	110421	12	0.8	
Applause 1.6 16V	[HD]					06.89-	04.94	111548	12	1.0	
	[HD-E]					06.89-	04.94	111548	12	1.0	
Applause 1.6 16V 4WD	[HD-E]					06.89-	04.94	111548	12	1.0	
Charade 1.0	[CB20]	10.77- 02.83	110258	14	35	AT 01.83-	03.87	111447	12	0.8	
		11.78- 09.83	110138	14	40						
		04.83- 03.87	110374	14	45						
		[CB22]	04.83- 03.87	110374	14	45	AT 01.83-	03.87	111447	12	0.8
		[CB23]	03.87- 11.90	110374	14	45					
	[CB90]	04.89- 10.90	110374	14	45						
Charade 1.0 GTi	[CB80T]	03.87- 12.92	110374	14	45						
Charade 1.0 Turbo	[CB60]	10.83- 03.87	110374	14	45	AT 10.83-	03.87	111447	12	0.8	
	[CB61]	03.87- 10.90	110374	14	45						
Charade 1.05	[CB22]	02.81- 02.83	110138	14	40						
Charade 1.3	[HC]	09.96-	111610	14	45						
	[HCE]	09.88- 10.90	111278	14	45	11.90-	02.93	111548	12	1.0	
Charade 1.3 16V	[1NR-FE]	A25 05.11-	114682	14	100						
	[HC]	01.93-	111610	14	45	03.93-	04.94	111548	12	1.0	
	[HCE]	05.96-	111610	14	45	01.93-	09.00	111548	12	1.0	
Charade 1.3 i	[HCE]	06.88- 10.91	111278	14	45	06.88-	12.92	111548	12	1.0	
		11.90- 12.92	111610	14	45						
Charade 1.3 i 4WD	[HCE]	06.88- 10.91	111278	14	45	06.88-	01.93	111548	12	1.0	
		11.90- 01.93	111610	14	45						
Charade 1.5	[HE]					06.94-	09.00	111548	12	1.0	
Charade 1.5 i 16V	[HEE]					08.94-		111548	12	1.0	
Charade 1.6 GTi	[HD-E]	04.94- 08.96	111610	14	45	03.93-	04.94	111548	12	1.0	
Charmant 1.3	[4K]	03.78- 07.81	110138	14	40						
Charmant 1.6	[2T]	03.78- 07.81	110138	14	40						
	[4A]	08.83- 07.87	110273	14	50						
Cuore 0.6	[AD10]	05.76- 09.80	110137	14	30						
Cuore 0.8	[ED10]	09.85- 12.90	111048	14	40	09.85-	12.90	111447	12	0.8	
		09.85- 12.90	113921	14	40						
Cuore 0.8 4WD	[ED10]	09.86- 10.88	111048	14	40	09.86-	10.88	111447	12	0.8	
		09.86- 10.88	113921	14	40						
		10.90- 12.94	111951	14	40	10.90-	12.94	111447	12	0.8	
Cuore 0.85	[ED20]	01.95-	111048	14	40	01.95-	11.96	111447	12	0.8	
		01.95- 11.96	113921	14	40						
		03.03-	113306	14	60						
Cuore 1.0	[EJ-VE]										
Cuore 1.0 i	[EJDE]	10.98-	113306	14	60						
Feroza 1.6 16V	[HDC]	10.88-	111437	14	50	06.90-		111464	12	1.0	
Feroza 1.6 i 16V	[HD-E]	10.88-	111437	14	50	06.90-		111464	12	1.0	
Grand Move 1.5 16V	[HEEG]	11.96- 03.00	111610	14	45	11.96-	09.97	111548	12	1.0	
Hijet 0.8	[CD]	06.86- 01.92	111048	14	40	06.86-		111088	12	0.8	
		06.86- 01.92	113921	14	40						
Hijet 1.0	[CB]	06.86- 11.92	111048	14	40	06.86-	11.92	111088	12	0.8	
		06.86- 11.92	113921	14	40						
		12.92-	111048	14	40	12.92-		111088	12	0.8	
	[CB41]	12.92- 05.98	113921	14	40						
Hijet 1.0 i	[CB42]					07.94-	05.98	111088	12	0.8	
Hijet 1.3	[HCE]	06.98-	111437	14	50	06.98-	10.99	114851*	12	0.8	
Hijet 1.3 i 16V	[HCE]					05.98-		114851*	12	0.8	
Move 0.9	[ED20]	10.96-	110258	14	35						
Move 1.0 i	[EJDE]	10.98- 09.00	113306	14	60						
Rocky 2.0	[3Y]	06.86- 04.93	111616	14	40	02.87-	04.93	110397	12	1.0	
		02.87- 04.93	110248	14	40						
		02.87- 04.93	111428	14	60						
Rocky 2.8 Diesel	[DL]					12.87-		110473	12	2.5	
						12.87-		111525	12	2.2	
Rocky 2.8 TD	[DL51]					12.87-	04.93	110473	12	2.5	
						12.87-	04.93	111525	12	2.2	
						A13 05.93-		110473	12	2.5	
						05.93-		110397	12	1.0	
						09.91-		110473	12	2.5	
				09.91-		111525	12	2.2			
Sirion 1.0 i	[EJDE]	04.98-	113306	14	60						
Sirion 1.0 i 4WD	[EJDE]	AT 04.98- 05.00	113306	14	60						
		05.00- 12.01	113306	14	60						
Sirion 1.3 Sport 4WD	[K3-VE2]	01.98- 08.04	113306	14	60						
Taft 1.6 4WD	[12R]	09.76- 02.85	110137	14	30	09.76-	02.85	110154	12	0.8	
		09.76- 02.85	110138	14	40						
		09.76- 02.85	110258	14	35						
Taft 2.5 Diesel 4WD	[DG]					08.78-	08.82	110473	12	2.5	
Taft 2.8 Diesel 4WD	[DL]					08.82-	02.85	110473	12	2.5	
Terios 1.3	[K3-VE]					09.01-		112369	12	0.8	
Terios 1.3 4WD	[HE-EJ]	10.97- 10.00	114708	14	50	10.97-		112369	12	0.8	

**STARTERS & ALTERNATORS**

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	[K3-VE]	10.00- 10.05	114708	14	50		10.00-	112369	12	0.8
Wildcat 2.8 Diesel	[DL]						02.85- 03.87	110473	12	2.5
Wildcat 2.8 TD	[DL50]						09.85- 04.87	110473	12	2.5
<b>PASSENGER CARS AO</b>										
Hijet 1.0 4WD	[CB10]						07.86- 10.90	111088	12	0.8
Rocky 2.2 4WD	[4Y]	03.93- 04.93	110248	14	40		05.93-	110397	12	1.0
<b>AGRICULTURE</b>										
Various Agriculture Vehicles	[Caterpillar]		114683	28	80					
<b>INDUSTRY</b>										
Various Industrial applications	[Caterpillar]		114683	28	80					
<b>DeLorean</b>										
<b>PASSENGER CARS US</b>										
DMC 2.9 12							01.81- 01.83	110835#	12	1.1
<b>Dennis</b>										
<b>TRUCKS EU</b>										
240 7.1	[D7E240]						05.03-	114323	24	5.0
240 MS 7.1	[D7E240]						10.07-	114323	24	5.0
240 RS 7.1	[D7E240]						10.07-	114323	24	5.0
<b>Detroit</b>										
<b>MOTORS</b>										
Various Models								112652	24	4.5
								112258#	12	
<b>Deutz-Fahr</b>										
<b>AGRICULTURE</b>										
60	[1000.3A]		112389	14	85					
75	[1000.4A]		112389	14	85					
85	[1000.4AT]		112389	14	85					
110	[1000.6A]		112389	14	85					
130	[1000.6A]		112389	14	85					
2003 3.8	[F4L 912]	02.79- 05.80	110641	14	33					
2004 3.8	[F4L912]	05.78- 12.88	110641	14	33					
100.4	[1000.4AT]		112389	14	85					
100.6	[1000.4A]		112389	14	85					
60DT/2RM	[1000.3A]		112389	14	85					
70DT/2RM	[1000.4A]		112389	14	85					
80DT	[1000.4A]		112389	14	85					
90DT	[1000.4AT]		112389	14	85					
Agri 605							01.97-	112071	12	3.0
D 2807 1.9 Diesel	[F2L912]	06.86- 08.88	110641	14	33					
		09.88-	110360	14	45					
		09.88-	110881	14	55					
D 3607 1.9 Diesel	[F2L912]	06.86- 08.88	110641	14	33					
		09.88-	110360	14	45					
		09.88-	110881	14	55					
D 6807 3.8 Diesel	[F4L912]	06.86- 08.88	110641	14	33		06.86-	110536	12	2.7
		09.88-	110360	14	45		01.92-	112555	12	3.1
D 7007 3.8 Diesel	[F4L912]	06.86- 08.88	110641	14	33		01.92-	112555	12	3.1
		09.88-	110360	14	45		06.86-	110536	12	2.7
<b>DE6 - Various Models</b>										
DX 3.10 2.8 Diesel	[F3L912]						06.86-	110536	12	2.7
							01.92- 06.01	112555	12	3.1
DX 3.30 2.8 Diesel	[F3L912]						06.86-	110536	12	2.7
							01.92- 06.01	112555	12	3.1
DX 3.50 3.1 Diesel	[F3L913]						06.86-	110536	12	2.7
							01.92- 06.01	112555	12	3.1
DX 3.60 3.8 Diesel	[F4L912]						06.86-	110536	12	2.7
							01.92- 06.01	112555	12	3.1
DX 3.70 3.8 Diesel	[F4L912]						06.86-	110536	12	2.7
							01.92- 06.01	112555	12	3.1
DX 3.80 4.1 Diesel	[F4L913]	06.86-	110360	14	45		06.86-	110536	12	2.7
							01.92- 06.01	112555	12	3.1
DX 3.90 4.1 Diesel	[F4L913]						06.86-	110536	12	2.7
							01.92- 06.01	112555	12	3.1
DX 4.10 3.8 Diesel	[F4L912]	06.86-	110360	14	45		06.86-	110536	12	2.7
							01.92- 06.01	112555	12	3.1
DX 4.30 4.1 Diesel	[F4L913]						06.86-	110536	12	2.7
							01.92- 06.01	112555	12	3.1
DX 4.31 4.1 Diesel	[F4L913]	01.91-	110360	14	45		01.91-	110536	12	2.7
							01.92-	112555	12	3.1
DX 4.50 4.1 Diesel	[BF4L913]						06.86-	110536	12	2.7
							01.92- 06.01	112555	12	3.1
DX 4.51 4.1 Diesel	[BF4L913]	01.90-	110360	14	45		01.90- 06.94	113467	12	3.7
							01.92-	112555	12	3.1
DX 4.70 4.1 Diesel	[BF4L913]						06.86-	110536	12	2.7
							01.92-	112555	12	3.1
DX 6.05 5.7 Diesel	[F6L912]	06.86-	110360	14	45		06.86-	110536	12	2.7
							01.92- 06.01	112555	12	3.1
DX 6.30 6.1 Diesel	[F6L913]						06.86-	110536	12	2.7
							01.92- 06.01	112555	12	3.1
DX 6.31 6.0 Diesel	[BF6L913]	01.90- 01.05	112046	14	95		01.90-	110536	12	2.7
							01.92- 01.05	112555	12	3.1
							01.90- 06.94	113467	12	3.7
DX 6.50 6.1 Diesel	[BF6L913]	06.86- 06.01	112046	14	95		06.86-	113467	12	3.7
							06.86-	110536	12	2.7
							01.92- 06.01	112555	12	3.1
DX 6.60 6.0 Diesel	[BF6L913]	10.88-	110360	14	45		10.88-	110536	12	2.7
							01.92- 10.03	112555	12	3.1

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

**DEUTZ-FAHR** *Continued*

DX 7.10 6.1 Diesel	[BF6L913]	06.86- 06.01	112046	14 95		06.86- 06.94	113467	12 3.7
						06.86-	110536	12 2.7
						01.92- 06.01	112555	12 3.1
DX3 - Various Models		06.86-	110360	14 45				
		07.76- 10.85	110641	14 33				
DX4 - Various Models		06.86-	110360	14 45				
DX7 - Various Models		09.88-	110360	14 45				
		06.86-	112736	14 65				
Intrac 6.30 6.0 TD	[BF6L913]	01.88-	112046	14 95		01.92- 01.04	112555	12 3.1
		01.88- 12.88	112736	14 65		01.89-	110536	12 2.7
Intrac 6.60 6.0 TD	[BF6L913]	01.88- 01.93	112046	14 95		01.88- 01.03	113467	12 3.7
		01.88-	112736	14 65				
M 1080 4.7 Diesel	[F5L912]	01.81- 08.88	110641	14 33		01.92- 01.96	112555	12 3.1
		09.88-	110360	14 45		01.81-	110536	12 2.7
M 1202 5.7 Diesel	[F6L912]	01.80- 08.88	110641	14 33		01.92- 01.95	112555	12 3.1
		09.88-	110360	14 45		01.80-	110536	12 2.7
M 2385 5.7 Diesel	[F6L912]	01.82- 01.97	112046	14 95		01.82-	110536	12 2.7
		01.82- 07.93	112736	14 65		01.92- 01.97	112555	12 3.1
M 3330 2.8	[F3L912]					01.92- 03.02	112555	12 3.1
M 3360 3.8	[F4L912]					03.87- 03.02	110536	12 2.7
						01.92- 03.02	112555	12 3.1
M 980 3.8 Diesel	[F4L912]	01.81- 08.88	110641	14 33		01.81-	110536	12 2.7
						01.92- 01.96	112555	12 3.1
Various Models			114192	14 200			110536	12 2.7
		01.73- 12.75	110766	28 27		05.78- 10.85	113467	12 3.7
		12.79-	112747	28 55		01.92-	112555	12 3.1
		04.88-	113740#	14 160			114220	24 4.0
		04.72- 12.75	110761	28 35				
		02.79- 10.84	110641	14 33				
		07.80- 10.84	110077	14 50				
		09.88- 12.01	110881	14 55				
			114110	28 80				
			114365	28 140				
			114470	14 120				
			115309	28 35				
<b>Dodge</b>								
<b>PASSENGER CARS EU</b>								
Avenger 2.0 CRD	[ECD]					06.07-	114217	12 2.0
Caliber 2.0 CRD	[ECD]					06.06-	114217	12 2.0
Caravan 2.4 i	[EDZ]	01.95- 03.01	113067	14 90				
Caravan 2.5 TD	[ENC]	01.95- 12.98	112195#	14 115		01.95- 03.01	112454	12 2.2
Caravan 3.0	[EFA]	01.95-	113235	14 130				
Caravan 3.3	[EGA]	02.00- 01.06	113803	14 130				
Caravan 3.3 4WD	[EGA]	02.00- 01.06	113803	14 130				
Caravan 3.3 i	[EGP]	01.95- 12.98	113235	14 130		01.95- 03.01	111492	12 1.4
						01.95- 03.01	114135	12 1.2
Caravan 3.8	[EGH]	01.01- 01.06	113803	14 130				
Caravan 3.8 4WD	[EGH]	01.01- 01.06	113803	14 130				
Caravan 3.8 i	[EGH]	01.95- 12.98	113235	14 130		01.95- 03.01	111492	12 1.4
						01.95- 03.01	114135	12 1.2
Caravan 3.8 i 4WD	[EGH]	01.95- 12.98	113235	14 130		01.95- 03.01	114135	12 1.2
						01.95- 03.01	111492	12 1.4
Caravan IV 2.8 CRD	[ENS]					01.09-	113977	12 2.2
Journey 2.0 CRD	[ECE]					06.08-	114217	12 2.0
Neon 2.0 16V	[ECB]	08.99-	113360	14 85		05.94-	111396	12 1.2
	[ECC]	04.96-	113360	14 85		06.94-	111396	12 1.2
	[ECH]	04.96-	113360	14 85		04.96- 01.97	111396	12 1.2
Stratus 2.0 16V	[ECB]	12.95-	113067	14 90		12.95-	111396	12 1.2
Stratus 2.4 16V	[EDZ]	12.95-	113067	14 90				
		12.95- 04.01	114511	14 120				
Stratus 2.5 V6	[EEB]	12.95-	111529#	14 90		01.95- 12.99	112846	12 1.4
<b>PASSENGER CARS US</b>								
330 4.5		01.64- 01.64	110074	14 60		01.64- 01.64	110223	12 1.1
330 5.2		01.63- 01.64	110074	14 60		01.63- 01.64	110223	12 1.1
330 5.9		01.64- 01.64	110074	14 60		01.64- 01.64	110223	12 1.1
330 6.3		01.64- 01.64	110074	14 60		01.64- 01.64	110222	12 1.3
330 6.8		01.63- 01.63	110074	14 60				
330 7.0		01.63- 01.64	110074	14 60				
400 2.2		01.82-	110514	14 78				
400 2.2 LS		01.82-	110514	14 78				
440 4.5		01.64- 01.64	110074	14 60		01.64- 01.64	110223	12 1.1
440 5.2		01.63- 01.64	110074	14 60		01.63- 01.64	110223	12 1.1
440 5.9		01.64- 01.64	110074	14 60		01.64- 01.64	110223	12 1.1
440 6.3		01.64- 01.64	110074	14 60		01.64- 01.64	110222	12 1.3
440 6.8		01.63- 01.63	110074	14 60				
440 7.0		01.63- 01.64	110074	14 60				
600 2.2		01.83- 01.84	110514	14 78				
600 2.2 ES		01.83-	110514	14 78				
600 2.5						01.86- 01.88	111425	12 1.4
600 2.5 SE						01.86- 01.88	111425	12 1.4
880 4.5		01.64- 01.64	110074	14 60		01.64- 01.64	110223	12 1.1
880 5.2		01.63- 01.64	110074	14 60		01.63- 01.64	110223	12 1.1
880 5.9		01.63- 01.64	110074	14 60		01.63- 01.64	110223	12 1.1
880 6.3		01.63- 01.64	110074	14 60				
880 6.8		01.63- 01.63	110074	14 60				
880 7.0		01.63- 01.64	110074	14 60				
2000 2.0 GTX		01.89-	110802	14 75				
		01.89-	110804	14 90				
A100 2.8		01.64- 01.69	110074	14 60		01.64- 01.69	110223	12 1.1



A100 2.8 Sportsman	01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
A100 3.2	01.70-	110236	14	60	01.70-	110223	12	1.1
A100 3.2 Sportsman	01.70-	110236	14	60	01.70-	110223	12	1.1
A100 3.7	01.64- 01.69	110074	14	60	01.64- 01.69	110223	12	1.1
	01.70-	110236	14	60				
A100 3.7 Sportsman	01.70-	110236	14	60	01.68- 01.69	110223	12	1.1
	01.68- 01.69	110074	14	60				
A100 4.5	01.64- 01.67	110074	14	60	01.64- 01.67	110223	12	1.1
A100 5.2	01.67- 01.69	110074	14	60	01.67- 01.69	110223	12	1.1
	01.70-	110236	14	60				
A100 5.2 Sportsman	01.70-	110236	14	60	01.68- 01.69	110223	12	1.1
	01.68- 01.69	110074	14	60				
A108 2.8	01.67- 01.69	110074	14	60	01.67- 01.69	110223	12	1.1
A108 3.2	01.70- 01.70	110236	14	60	01.70- 01.70	110223	12	1.1
A108 3.7	01.70- 01.70	110236	14	60	01.67- 01.70	110223	12	1.1
	01.67- 01.69	110074	14	60				
Aries 2.2	01.81- 01.85	110514	14	78				
Aries 2.2 Custom	01.81- 01.84	110514	14	78				
Aries 2.2 SE	01.81- 01.85	110514	14	78				
Aries 2.5					01.86- 01.87	111425	12	1.4
Aries 2.5 LE					01.86- 01.89	111425	12	1.4
Aries 2.5 SE					01.86-	111425	12	1.4
Aspen 3.7	01.76- 01.80	110236	14	60	01.76- 01.80	110223	12	1.1
Aspen 3.7 Custom	01.76- 01.77	110236	14	60	01.76- 01.77	110223	12	1.1
Aspen 3.7 Special Edition	01.76- 01.77	110236	14	60	01.76- 01.77	110223	12	1.1
Aspen 5.2	01.76- 01.80	110236	14	60	01.76- 01.80	110223	12	1.1
Aspen 5.2 Custom	01.76- 01.77	110236	14	60	01.76- 01.77	110223	12	1.1
Aspen 5.2 Special Edition	01.76- 01.77	110236	14	60	01.76- 01.77	110223	12	1.1
Aspen 5.9	01.76- 01.80	110236	14	60	01.76- 01.80	110222	12	1.3
Aspen 5.9 Custom	01.76- 01.77	110236	14	60	01.76- 01.77	110222	12	1.3
Aspen 5.9 Special Edition	01.76- 01.77	110236	14	60	01.76- 01.77	110222	12	1.3
Avenger 2.0	[ECF]	01.95- 01.98	111530	14	90			
		01.99- 01.99	111530	14	90			
Avenger 2.0 ES	[ECF]	01.96- 01.98	111530	14	90			
Avenger 2.5	[EEB]	01.97- 01.98	113027#	14	130			
		01.99- 01.00	113027#	14	130			
Avenger 2.5 ES	[EEB]	01.95- 01.98	113027#	14	130			
B100 3.2	01.71-	110236	14	60	01.71-	110223	12	1.1
B100 3.7	01.71- 01.80	110236	14	60	01.71- 01.80	110223	12	1.1
					01.70- 01.87	112845#	12	1.4
B100 3.7 Sportsman	01.71- 01.80	110236	14	60	01.71- 01.87	112845#	12	1.4
					01.71- 01.80	110223	12	1.1
B100 5.2	01.71- 01.80	110236	14	60	01.71- 01.80	110223	12	1.1
					01.71- 01.87	112845#	12	1.4
B100 5.2 Sportsman	01.71- 01.80	110236	14	60	01.71- 01.87	112845#	12	1.4
					01.71- 01.80	110223	12	1.1
B100 5.9	01.71- 01.78	110236	14	60	01.99- 01.03	113120	12	1.4
					01.71- 01.87	112845#	12	1.4
					01.71- 01.78	110222	12	1.3
B100 5.9 Sportsman	01.72- 01.78	110236	14	60	01.99- 01.03	113120	12	1.4
					01.70- 01.87	112845#	12	1.4
					01.72- 01.78	110222	12	1.3
B100 7.2	01.74-	110236	14	60	01.70- 01.87	112845#	12	1.4
					01.74-	110222	12	1.3
B150 3.7	01.81- 01.87	110236	14	60	01.81- 01.87	112845#	12	1.4
					01.81- 01.87	110223	12	1.1
B150 3.7 Sportsman	01.81- 01.87	110236	14	60	01.81- 01.87	112845#	12	1.4
					01.81- 01.87	110223	12	1.1
B150 3.9	01.88- 01.94	111193	14	90	01.88- 01.94	111456#	12	1.4
B150 3.9 Sportsman	01.88- 01.94	111193	14	90	01.88- 01.94	111456#	12	1.4
B150 5.2	01.88- 01.94	111193	14	90	01.88- 01.94	111456#	12	1.4
	01.81- 01.87	110236	14	60	01.81- 01.87	112845#	12	1.4
					01.81- 01.87	110223	12	1.1
B150 5.2 Sportsman	01.88- 01.94	111193	14	90	01.88- 01.94	111456#	12	1.4
	01.81- 01.87	110236	14	60	01.81- 01.87	112845#	12	1.4
					01.81- 01.87	110223	12	1.1
B1500 3.9	01.98- 01.98	113071	14	136	01.96- 01.98	113116	12	1.4
	01.95- 01.98	112833#	14	90	01.95- 01.97	111764	12	1.4
B1500 3.9 Sportsman	01.95- 01.97	112833#	14	90	01.96- 01.97	113116	12	1.4
					01.95- 01.97	111764	12	1.4
B1500 5.2	01.98- 01.98	113071	14	136	01.96- 01.98	113116	12	1.4
	01.95- 01.98	112833#	14	90	01.95- 01.97	111764	12	1.4
B1500 5.2 Sportsman	01.95- 01.97	112833#	14	90	01.96- 01.97	113116	12	1.4
					01.95- 01.97	111764	12	1.4
B1500 5.9	01.98- 01.98	112833#	14	90				
	01.98- 01.98	113071	14	136				
B200 3.2	01.71-	110236	14	60	01.71-	110223	12	1.1
B200 3.7	01.71- 01.79	110236	14	60	01.71- 01.79	110223	12	1.1
B200 3.7 Maxi	01.72- 01.78	110236	14	60	01.72- 01.78	110223	12	1.1
B200 3.7 Sportsman	01.71- 01.78	110236	14	60	01.71- 01.78	110223	12	1.1
B200 5.2	01.71- 01.80	110236	14	60	01.71- 01.80	110223	12	1.1
	01.71- 01.71	112833#	14	90				
B200 5.2 Maxi	01.72- 01.80	110236	14	60	01.99- 01.03	113120	12	1.4
					01.72- 01.80	110223	12	1.1
B200 5.2 Sportsman	01.71- 01.80	110236	14	60	01.71- 01.80	110223	12	1.1
B200 5.9	01.71- 01.80	110236	14	60	01.99- 01.03	113120	12	1.4
					01.71- 01.80	110222	12	1.3
B200 5.9 Maxi	01.72- 01.80	110236	14	60	01.72- 01.80	110222	12	1.3
B200 5.9 Sportsman	01.72- 01.80	110236	14	60	01.72- 01.80	110222	12	1.3

# STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

DODGE Continued

B200 6.6	01.71- 01.78	110236	14 60	01.71- 01.78	110222	12 1.3
B200 6.6 Maxi	01.76- 01.78	110236	14 60	01.76- 01.78	110222	12 1.3
B200 6.6 Sportsman	01.76- 01.78	110236	14 60	01.76- 01.78	110222	12 1.3
B200 7.2	01.75- 01.78	110236	14 60	01.75- 01.78	110222	12 1.3
B200 7.2 Maxi	01.74- 01.78	110236	14 60	01.74- 01.78	110222	12 1.3
B200 7.2 Sportsman	01.76- 01.78	110236	14 60	01.76- 01.78	110222	12 1.3
B250 3.7	01.81- 01.87	110236	14 60	01.81- 01.87	110223	12 1.1
B250 3.7 Sportsman	01.81- 01.87	110236	14 60	01.81- 01.87	110223	12 1.1
B250 3.9	01.88- 01.94	111193	14 90	01.88- 01.94	111456#	12 1.4
B250 3.9 Sportsman	01.88- 01.94	111193	14 90	01.88- 01.94	111456#	12 1.4
B250 5.2	01.88- 01.94	111193	14 90	01.88- 01.94	111456#	12 1.4
	01.81- 01.87	110236	14 60	01.99- 01.03	113120	12 1.4
				01.81- 01.87	110223	12 1.1
B250 5.2 Sportsman	01.88- 01.94	111193	14 90	01.88- 01.94	111456#	12 1.4
	01.81- 01.87	110236	14 60	01.99- 01.03	113120	12 1.4
				01.81- 01.87	110223	12 1.1
B250 5.2	01.92- 01.94	112833#	14 90	01.92- 01.94	111764	12 1.4
B250 5.2 Sportsman	01.92- 01.94	112833#	14 90	01.92- 01.94	111764	12 1.4
B250 5.9	01.81- 01.87	110236	14 60	01.99- 01.03	113120	12 1.4
	01.88- 01.94	111193	14 90	01.88- 01.94	111456#	12 1.4
				01.81- 01.87	110222	12 1.3
B250 5.9 Sportsman	01.88- 01.94	111193	14 90	01.88- 01.94	111456#	12 1.4
	01.81- 01.87	110236	14 60	01.99- 01.03	113120	12 1.4
				01.81- 01.87	110222	12 1.3
B2500 3.9	01.98- 01.98	113071	14 136	01.96- 01.98	113116	12 1.4
	01.95- 01.98	112833#	14 90	01.95- 01.97	111764	12 1.4
B2500 3.9 Sportsman	01.95- 01.97	112833#	14 90	01.96- 01.97	113116	12 1.4
				01.95- 01.97	111764	12 1.4
B2500 5.2	01.95- 01.98	112833#	14 90	01.96- 01.98	113116	12 1.4
	01.98- 01.98	113071	14 136	01.95- 01.97	111764	12 1.4
B2500 5.2 Sportsman	01.95- 01.97	112833#	14 90	01.96- 01.97	113116	12 1.4
				01.95- 01.97	111764	12 1.4
B2500 5.2	01.95- 01.96	112833#	14 90	01.96- 01.96	113116	12 1.4
				01.95- 01.96	111764	12 1.4
B2500 5.2 Sportsman	01.95- 01.97	112833#	14 90	01.96- 01.97	113116	12 1.4
				01.95- 01.97	111764	12 1.4
B2500 5.9	01.95- 01.98	112833#	14 90	01.96- 01.98	113116	12 1.4
	01.98- 01.98	113071	14 136	01.95- 01.97	111764	12 1.4
B2500 5.9 Sportsman	01.95- 01.97	112833#	14 90	01.96- 01.97	113116	12 1.4
				01.95- 01.97	111764	12 1.4
B300 3.7	01.71- 01.80	110236	14 60	01.71- 01.80	110223	12 1.1
B300 3.7 Maxi	01.72- 01.79	110236	14 60	01.72- 01.79	110223	12 1.1
B300 3.7 Sportsman	01.71- 01.73	110236	14 60	01.71- 01.73	110223	12 1.1
B300 5.2	01.71- 01.80	110236	14 60	01.71- 01.80	110223	12 1.1
B300 5.2 Maxi	01.72- 01.80	110236	14 60	01.72- 01.80	110223	12 1.1
B300 5.2 Sportsman	01.71- 01.80	110236	14 60	01.99- 01.03	113120	12 1.4
				01.71- 01.80	110223	12 1.1
B300 5.9	01.71- 01.80	110236	14 60	01.71- 01.80	110222	12 1.3
B300 5.9 Maxi	01.72- 01.80	110236	14 60	01.72- 01.80	110222	12 1.3
B300 5.9 Sportsman	01.72- 01.80	110236	14 60	01.72- 01.80	110222	12 1.3
B300 6.6	01.76- 01.78	110236	14 60	01.76- 01.78	110222	12 1.3
B300 6.6 Maxi	01.76- 01.78	110236	14 60	01.76- 01.78	110222	12 1.3
B300 6.6 Sportsman	01.77- 01.78	110236	14 60	01.77- 01.78	110222	12 1.3
B300 7.2	01.76- 01.78	110236	14 60	01.76- 01.78	110222	12 1.3
B300 7.2 Maxi	01.75- 01.78	110236	14 60	01.75- 01.78	110222	12 1.3
B300 7.2 Sportsman	01.76- 01.78	110236	14 60	01.76- 01.78	110222	12 1.3
B350 3.9	01.90- 01.94	111194#	14 120	01.90- 01.94	111456#	12 1.4
B350 5.2	01.88- 01.94	111193	14 90	01.88- 01.94	111456#	12 1.4
	01.81- 01.87	110236	14 60	01.99- 01.03	113120	12 1.4
				01.81- 01.87	110223	12 1.1
B350 5.2 Sportsman	01.88- 01.94	111193	14 90	01.88- 01.94	111456#	12 1.4
	01.81- 01.87	110236	14 60	01.99- 01.03	113120	12 1.4
				01.81- 01.87	110223	12 1.1
B350 5.2	01.92- 01.94	112833#	14 90	01.92- 01.94	111764	12 1.4
B350 5.2 Sportsman	01.92- 01.94	112833#	14 90	01.92- 01.94	111764	12 1.4
B350 5.9	01.81- 01.87	110236	14 60	01.99- 01.03	113120	12 1.4
	01.88- 01.94	111193	14 90	01.88- 01.94	111456#	12 1.4
				01.96- 01.98	113116	12 1.4
				01.81- 01.87	110222	12 1.3
B350 5.9 Sportsman	01.90- 01.94	111194#	14 120	01.88- 01.94	111456#	12 1.4
	01.88- 01.94	111193	14 90	01.96- 01.98	113116	12 1.4
	01.81- 01.87	110236	14 60	01.99- 01.03	113120	12 1.4
				01.81- 01.87	110222	12 1.3
B3500 5.2	01.95- 01.98	112833#	14 90	01.96- 01.98	113116	12 1.4
	01.98- 01.98	113071	14 136	01.95- 01.97	111764	12 1.4
B3500 5.2 Sportsman	01.95- 01.97	112833#	14 90	01.96- 01.97	113116	12 1.4
				01.95- 01.97	111764	12 1.4
B3500 5.2	01.95- 01.96	112833#	14 90	01.96- 01.96	113116	12 1.4
				01.95- 01.96	111764	12 1.4
B3500 5.2 Sportsman	01.95- 01.97	112833#	14 90	01.96- 01.97	113116	12 1.4
				01.95- 01.97	111764	12 1.4
B3500 5.9	01.95- 01.98	112833#	14 90	01.96- 01.98	113116	12 1.4
	01.98- 01.98	113071	14 136	01.97- 01.98	112833#	
				01.95- 01.97	111764	12 1.4
B3500 5.9 Sportsman	01.95- 01.97	112833#	14 90	01.96- 01.97	113116	12 1.4
				01.95- 01.97	111764	12 1.4
Caravan 2.5	01.92- 01.95	113058#	14 120	01.88- 01.95	111425	12 1.4
	01.92- 01.95	111193	14 90			
	01.90- 01.93	111194#	14 120			



Caravan 2.5 C/V		01.92- 01.95	113058#	14	120		01.89- 01.95	111425	12	1.4
		01.92- 01.95	111193	14	90					
		01.89- 01.91	113051	14	120					
Caravan 2.5 LE							01.88- 01.91	111425	12	1.4
Caravan 2.5 SE		01.92- 01.93	111193	14	90		01.88- 01.93	111425	12	1.4
		01.92- 01.93	113058#	14	120					
Caravan 2.5 Turbo		01.89- 01.90	113051	14	120		01.89- 01.90	111425	12	1.4
Caravan 2.5 Turbo C/V		01.89- 01.90	113051	14	120		01.89- 01.90	111425	12	1.4
Caravan 2.5 Turbo LE		01.89- 01.90	113051	14	120		01.89- 01.90	111425	12	1.4
Caravan 2.5 Turbo SE		01.89- 01.90	113051	14	120		01.89- 01.90	111425	12	1.4
Caravan 3.0		01.91- 01.95	113056#	14	90		01.90- 01.95	111456#	12	1.4
		01.90-	111193	14	90					
		01.90- 01.90	113055#	14	90					
Caravan 3.0 C/V		01.91- 01.95	113056#	14	90		01.89- 01.95	111456#	12	1.4
		01.90- 01.90	113055#	14	90					
Caravan 3.0 ES		01.94- 01.95	113056#	14	90		01.94- 01.95	111456#	12	1.4
Caravan 3.0 LE		01.91- 01.95	113056#	14	90		01.87- 01.95	111456#	12	1.4
		01.90- 01.90	113055#	14	90					
Caravan 3.0 SE		01.91- 01.95	113056#	14	90		01.87- 01.95	111456#	12	1.4
		01.90- 01.90	113055#	14	90					
Caravan 3.3		01.01- 01.06	113803	14	130		01.97- 01.00	114135	12	1.2
		01.90- 01.95	113056#	14	90		01.90- 01.00	111492	12	1.4
Caravan 3.3 C/V		01.91- 01.92	113056#	14	90		01.91- 01.92	111492	12	1.4
Caravan 3.3 ES		01.93- 01.97	113056#	14	90		01.93- 01.97	111492	12	1.4
Caravan 3.3 LE		01.91- 01.95	113056#	14	90		01.91- 01.97	111492	12	1.4
Caravan 3.3 SE		01.91- 01.95	113056#	14	90		01.91- 01.97	111492	12	1.4
Caravan 3.3		01.94- 01.95	113056#	14	90		01.94- 01.95	111492	12	1.4
Caravan 3.3 C/V		01.94- 01.95	113056#	14	90		01.94- 01.95	111492	12	1.4
Caravan 3.3 SE		01.94- 01.95	113056#	14	90		01.94- 01.95	111492	12	1.4
Caravan 3.3	[EGM]	01.01- 01.06	113803	14	130		01.99- 01.00	114135	12	1.2
							01.99- 01.00	111492	12	1.4
		01.01- 01.06	113803	14	130		01.98- 01.98	111492	12	1.4
Caravan 3.3 SE	[EGM]	01.01- 01.06	113803	14	130					
		01.01- 01.06	113803	14	130					
Caravan 3.3 Sport		01.01- 01.06	113803	14	130					
Caravan 3.8							01.98- 01.99	114135	12	1.2
							01.98- 01.99	111492	12	1.4
Caravan 3.8 ES							01.96- 01.97	111492	12	1.4
Caravan 3.8 LE							01.96- 01.97	111492	12	1.4
CB300 3.7		01.74- 01.79	110236	14	60		01.74- 01.79	110223	12	1.1
							01.74- 01.79	110222	12	1.3
CB300 5.2		01.74- 01.80	110236	14	60		01.74- 01.80	110223	12	1.1
							01.74- 01.80	110222	12	1.3
CB300 5.9		01.74- 01.80	110236	14	60		01.74- 01.80	110222	12	1.3
CB300 6.6		01.76- 01.78	110236	14	60		01.76- 01.78	110222	12	1.3
CB300 7.2		01.77- 01.79	110236	14	60		01.77- 01.79	110222	12	1.3
Challenger 1.6							01.78- 01.79	110158	12	1.2
							01.78- 01.79	110157	12	1.0
Challenger 2.6		01.81- 01.83	110805	14	45		01.78- 01.83	110158	12	1.2
							01.78- 01.80	110291#	12	1.2
Challenger 3.2		01.70- 01.71	110236	14	60		01.70- 01.71	110223	12	1.1
Challenger 3.7		01.70- 01.72	110236	14	60		01.70- 01.72	110223	12	1.1
Challenger 5.2		01.70- 01.74	110236	14	60		01.70- 01.74	110223	12	1.1
Challenger 5.2 Rallye		01.72- 01.72	110236	14	60		01.72- 01.72	110223	12	1.1
Challenger 5.6		01.70- 01.73	110236	14	60		01.70- 01.73	110223	12	1.1
Challenger 5.6 R/T		01.71- 01.71	110236	14	60		01.71- 01.71	110223	12	1.1
Challenger 5.6 Rallye		01.72- 01.72	110236	14	60		01.72- 01.72	110223	12	1.1
Challenger 5.6 T/A		01.70- 01.70	110236	14	60		01.70- 01.70	110223	12	1.1
Challenger 5.9		01.74- 01.74	110236	14	60		01.74- 01.74	110222	12	1.3
Challenger 6.3		01.70- 01.71	110236	14	60		01.70- 01.71	110223	12	1.1
Challenger 6.3 R/T		01.70- 01.71	110236	14	60		01.70- 01.71	110223	12	1.1
Challenger 7.0		01.70- 01.70	110236	14	60		01.70- 01.70	110222	12	1.3
Challenger 7.0 R/T		01.70- 01.71	110236	14	60		01.70- 01.71	110222	12	1.3
Challenger 7.2 R/T		01.70- 01.71	110236	14	60		01.70- 01.71	110222	12	1.3
Charger 2.2 Shelby		01.83- 01.84	110514	14	78					
Charger 3.7		01.70- 01.76	110236	14	60		01.68- 01.76	110223	12	1.1
		01.68- 01.69	110074	14	60					
Charger 3.7 500		01.70- 01.70	110236	14	60		01.70- 01.70	110223	12	1.1
Charger 3.7 Sport		01.76- 01.76	110236	14	60		01.76- 01.76	110223	12	1.1
Charger 4.5		01.66- 01.66	110074	14	60		01.66- 01.66	110223	12	1.1
Charger 5.2		01.70- 01.76	110236	14	60		01.67- 01.76	110223	12	1.1
		01.67- 01.69	110074	14	60					
Charger 5.2 500		01.70- 01.71	110236	14	60		01.70- 01.71	110223	12	1.1
Charger 5.2 R/T		01.68- 01.68	110074	14	60		01.68- 01.68	110223	12	1.1
Charger 5.2 Special Edition		01.71- 01.78	110236	14	60		01.71- 01.78	110223	12	1.1
Charger 5.2 Sport		01.76- 01.76	110236	14	60		01.76- 01.76	110223	12	1.1
Charger 5.6		01.72- 01.73	110236	14	60		01.72- 01.73	110223	12	1.1
Charger 5.6 Special Edition		01.72- 01.73	110236	14	60		01.72- 01.73	110223	12	1.1
Charger 5.6 Super Bee		01.71- 01.71	110236	14	60		01.71- 01.71	110223	12	1.1
Charger 5.9		01.74- 01.76	110236	14	60		01.74- 01.76	110222	12	1.3
Charger 5.9 Special Edition		01.74- 01.78	110236	14	60		01.74- 01.78	110222	12	1.3
Charger 5.9 Sport		01.76- 01.76	110236	14	60		01.76- 01.76	110222	12	1.3
Charger 6.3		01.70- 01.71	110236	14	60		01.67- 01.71	110223	12	1.1
		01.67- 01.69	110074	14	60					
Charger 6.3 500		01.70- 01.71	110236	14	60		01.70- 01.71	110223	12	1.1
Charger 6.3 R/T		01.68- 01.68	110074	14	60		01.68- 01.68	110223	12	1.1
Charger 6.3 Special Edition		01.71- 01.71	110236	14	60		01.71- 01.71	110223	12	1.1
Charger 6.3 Super Bee		01.71- 01.71	110236	14	60		01.71- 01.71	110223	12	1.1
Charger 6.6		01.72- 01.76	110236	14	60		01.72- 01.76	110222	12	1.3

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**DODGE** *Continued*

Charger 6.6 Special Edition	01.72- 01.78	110236	14	60	01.72- 01.78	110222	12	1.3
Charger 6.6 Sport	01.76- 01.76	110236	14	60	01.76- 01.76	110222	12	1.3
Charger 7.0	01.67- 01.69	110074	14	60	01.67- 01.69	110222	12	1.3
Charger 7.0 500	01.69- 01.69	110074	14	60	01.69- 01.69	110222	12	1.3
Charger 7.0 R/T	01.70- 01.71	110236	14	60	01.68- 01.71	110222	12	1.3
	01.68- 01.69	110074	14	60				
Charger 7.0 Super Bee	01.71- 01.71	110236	14	60	01.71- 01.71	110222	12	1.3
Charger 7.2	01.70- 01.74	110236	14	60	01.67- 01.74	110222	12	1.3
	01.67- 01.69	110074	14	60				
Charger 7.2 500	01.70- 01.70	110236	14	60	01.69- 01.70	110222	12	1.3
	01.69- 01.69	110074	14	60				
Charger 7.2 R/T	01.70- 01.71	110236	14	60	01.67- 01.71	110222	12	1.3
	01.67- 01.69	110074	14	60				
Charger 7.2 Special Edition	01.71- 01.74	110236	14	60	01.71- 01.74	110222	12	1.3
Charger 7.2 Super Bee	01.71- 01.71	110236	14	60	01.71- 01.71	110222	12	1.3
Colt 1.4					01.79- 01.83	110158	12	1.2
Colt 1.4 Custom					01.79- 01.79	110158	12	1.2
Colt 1.4 Deluxe					01.82- 01.83	110158	12	1.2
Colt 1.4 DL					01.84- 01.84	110158	12	1.2
Colt 1.4 E					01.84- 01.84	110158	12	1.2
Colt 1.5	01.89- 01.94	110659	14	75	01.89- 01.94	110158	12	1.2
					01.91- 01.94	110958	12	0.9
Colt 1.5 100 DL	01.89- 01.91	110659	14	75	01.89- 01.91	110158	12	1.2
					01.91- 01.91	110958	12	0.9
Colt 1.5 100 E	01.89- 01.92	110659	14	75	01.89- 01.92	110158	12	1.2
					01.91- 01.92	110958	12	0.9
Colt 1.5 100 LX	01.89- 01.90	110659	14	75	01.89- 01.90	110158	12	1.2
Colt 1.5 200 DL	01.89- 01.90	110659	14	75	01.89- 01.90	110158	12	1.2
Colt 1.5 200 E	01.89- 01.92	110659	14	75	01.89- 01.92	110158	12	1.2
					01.92- 01.92	110958	12	0.9
Colt 1.5 200 GT	01.91- 01.92	110659	14	75	01.91- 01.92	110158	12	1.2
					01.91- 01.92	110958	12	0.9
Colt 1.5 200 LX	01.89- 01.89	110659	14	75	01.89- 01.89	110158	12	1.2
Colt 1.5 DL	01.88- 01.90	110659	14	75	01.85- 01.90	110158	12	1.2
					01.85- 01.85	110315	12	0.9
Colt 1.5 E	01.89- 01.89	110659	14	75	01.85- 01.89	110158	12	1.2
					01.85- 01.85	110315	12	0.9
Colt 1.5 ES	01.94- 01.94	110659	14	75	01.94- 01.94	110158	12	1.2
					01.94- 01.94	110958	12	0.9
Colt 1.5 GL	01.90- 01.93	110659	14	75	01.90- 01.93	110158	12	1.2
					01.91- 01.93	110958	12	0.9
Colt 1.5 GT	01.89- 01.90	110659	14	75	01.89- 01.90	110158	12	1.2
Colt 1.5 Premier					01.85- 01.88	110158	12	1.2
					01.85- 01.85	110315	12	0.9
Colt 1.6					01.79- 01.80	110158	12	1.2
					01.71- 01.78	110157	12	1.0
Colt 1.6 200 LX	01.89- 01.89	110802	14	75	01.89- 01.89	110811	12	1.2
Colt 1.6 Carousel					01.75- 01.77	110157	12	1.0
Colt 1.6 Custom					01.79- 01.83	110158	12	1.2
					01.77- 01.78	110157	12	1.0
Colt 1.6 Deluxe					01.82- 01.83	110158	12	1.2
Colt 1.6 DL					01.84- 01.84	110158	12	1.2
Colt 1.6 E					01.84- 01.84	110158	12	1.2
Colt 1.6 GT	01.90- 01.90	110802	14	75	01.73- 01.77	110157	12	1.0
					01.90- 01.90	110811	12	1.2
Colt 1.6 Turbo 100 DL	01.89- 01.89	110802	14	75	01.89- 01.89	110811	12	1.2
Colt 1.6 Turbo 100 LX	01.89- 01.90	110802	14	75	01.89- 01.90	110811	12	1.2
Colt 1.6 Turbo DL					01.84- 01.88	110158	12	1.2
					01.85- 01.85	110315	12	0.9
Colt 1.6 Turbo GT	01.89- 01.89	110802	14	75	01.89- 01.89	110811	12	1.2
Colt 1.6 Turbo Premier					01.85- 01.88	110158	12	1.2
					01.85- 01.85	110315	12	0.9
Colt 1.8	01.94- 01.94	111375	14	75				
Colt 1.8 DL					01.89- 01.90	110158	12	1.2
Colt 1.8 ES	01.94- 01.94	111375	14	75				
Colt 2.0					01.74- 01.77	110157	12	1.0
Colt 2.0 Carousel					01.76- 01.77	110291#	12	1.2
					01.76- 01.77	110157	12	1.0
Colt 2.0 GT					01.74- 01.77	110157	12	1.0
Colt 2.0 Vista	01.87- 01.91	112531	14	60	01.87- 01.91	110811	12	1.2
	01.85- 01.86	110660#	14	65	01.84- 01.91	110158	12	1.2
Colt 2.0 Vista Custom	01.86- 01.86	110660#	14	65	01.86- 01.86	110158	12	1.2
Colt 2.4	01.93- 01.94	111376	14	75	01.93- 01.94	110158	12	1.2
Colt 2.4 4x4	01.93- 01.94	111376	14	75	01.93- 01.94	110158	12	1.2
Colt 2.4 SE	01.93- 01.94	111376	14	75	01.93- 01.94	110158	12	1.2
Colt 2.6	01.78- 01.80	110805	14	45	01.78- 01.80	110158	12	1.2
					01.78- 01.80	110291#	12	1.2
Conquest 2.6 Turbo	01.84- 01.86	110318	14	50	01.84- 01.85	110158	12	1.2
Coronet 3.7	01.67- 01.67	110074	14	60	01.67- 01.76	110223	12	1.1
	01.71- 01.76	110236	14	60				
Coronet 3.7 440	01.70- 01.70	110236	14	60	01.68- 01.70	110223	12	1.1
	01.68- 01.69	110074	14	60				
Coronet 3.7 Brougham	01.76- 01.76	110236	14	60	01.76- 01.76	110223	12	1.1
Coronet 3.7 Custom	01.71- 01.75	110236	14	60	01.71- 01.75	110223	12	1.1
Coronet 3.7 Deluxe	01.70- 01.70	110236	14	60	01.68- 01.70	110223	12	1.1
	01.68- 01.69	110074	14	60				
Coronet 4.5	01.65- 01.67	110074	14	60	01.65- 01.67	110223	12	1.1
Coronet 4.5 440	01.68- 01.68	110074	14	60	01.68- 01.68	110223	12	1.1
Coronet 4.5 500	01.68- 01.68	110074	14	60	01.68- 01.68	110223	12	1.1



Coronet 4.5 Deluxe	01.68- 01.68	110074	14	60	01.68- 01.68	110223	12	1.1
Coronet 5.2	01.65- _____	110074	14	60	01.71- 01.76	110223	12	1.1
	01.71- 01.76	110236	14	60				
Coronet 5.2 440	01.70- 01.70	110236	14	60	01.68- 01.70	110223	12	1.1
	01.68- 01.69	110074	14	60				
Coronet 5.2 500	01.70- 01.70	110236	14	60	01.68- 01.70	110223	12	1.1
	01.68- 01.69	110074	14	60				
Coronet 5.2 Brougham	01.71- 01.76	110236	14	60	01.71- 01.76	110223	12	1.1
Coronet 5.2 Crestwood	01.71- 01.75	110236	14	60	01.71- 01.75	110223	12	1.1
Coronet 5.2 Custom	01.71- 01.75	110236	14	60	01.71- 01.75	110223	12	1.1
Coronet 5.2 Deluxe	01.70- 01.70	110236	14	60	01.68- 01.70	110223	12	1.1
	01.68- 01.69	110074	14	60				
Coronet 5.6 Crestwood	01.73- 01.73	110236	14	60	01.73- 01.73	110223	12	1.1
Coronet 5.6 Custom	01.72- 01.73	110236	14	60	01.72- 01.73	110223	12	1.1
Coronet 5.9	01.73- 01.76	110236	14	60	01.73- 01.76	110222	12	1.3
Coronet 5.9 Brougham	01.75- 01.76	110236	14	60	01.75- 01.76	110222	12	1.3
Coronet 5.9 Crestwood	01.74- 01.76	110236	14	60	01.74- 01.76	110222	12	1.3
Coronet 5.9 Custom	01.74- 01.75	110236	14	60	01.74- 01.75	110222	12	1.3
Coronet 6.3	01.67- 01.67	110074	14	60	01.67- 01.71	110223	12	1.1
	01.71- 01.71	110236	14	60				
Coronet 6.3 440	01.70- 01.70	110236	14	60	01.68- 01.70	110223	12	1.1
	01.68- 01.69	110074	14	60				
Coronet 6.3 500	01.70- 01.70	110236	14	60	01.68- 01.70	110223	12	1.1
	01.68- 01.69	110074	14	60				
Coronet 6.3 Brougham	01.71- 01.71	110236	14	60	01.71- 01.71	110223	12	1.1
Coronet 6.3 Crestwood	01.71- 01.71	110236	14	60	01.71- 01.71	110223	12	1.1
Coronet 6.3 Custom	01.71- 01.71	110236	14	60	01.71- 01.71	110223	12	1.1
Coronet 6.3 Deluxe	01.70- 01.70	110236	14	60	01.68- 01.70	110223	12	1.1
	01.68- 01.69	110074	14	60				
Coronet 6.3 R/T	01.68- 01.68	110074	14	60	01.68- 01.68	110223	12	1.1
Coronet 6.3 Super Bee	01.70- 01.70	110236	14	60	01.68- 01.70	110223	12	1.1
	01.68- 01.69	110074	14	60				
Coronet 6.6	01.72- 01.76	110236	14	60	01.72- 01.76	110222	12	1.3
Coronet 6.6 Brougham	01.75- 01.76	110236	14	60	01.75- 01.76	110222	12	1.3
Coronet 6.6 Crestwood	01.72- 01.76	110236	14	60	01.72- 01.76	110222	12	1.3
Coronet 6.6 Custom	01.72- 01.75	110236	14	60	01.72- 01.75	110222	12	1.3
Coronet 6.8	01.65- 01.65	110074	14	60				
Coronet 7.0	01.65- 01.67	110074	14	60	01.65- 01.67	110222	12	1.3
Coronet 7.0 440	01.68- 01.69	110074	14	60	01.68- 01.69	110222	12	1.3
Coronet 7.0 R/T	01.67- 01.69	110074	14	60	01.67- 01.69	110222	12	1.3
	01.70- 01.70	110236	14	60				
Coronet 7.0 Super Bee	01.70- 01.70	110236	14	60	01.68- 01.69	110222	12	1.3
	01.68- 01.69	110074	14	60				
Coronet 7.2	01.70- 01.76	110236	14	60	01.67- 01.76	110222	12	1.3
	01.67- 01.67	110074	14	60				
Coronet 7.2 440	01.68- 01.68	110074	14	60	01.68- 01.68	110222	12	1.3
Coronet 7.2 R/T	01.70- 01.70	110236	14	60	01.67- 01.70	110222	12	1.3
	01.67- 01.69	110074	14	60				
Coronet 7.2 Super Bee	01.70- 01.70	110236	14	60	01.69- 01.70	110222	12	1.3
	01.69- 01.69	110074	14	60				
Custom 4.5	01.64- 01.65	110074	14	60	01.64- 01.65	110223	12	1.1
Custom 5.2	01.62- 01.65	110074	14	60	01.62- 01.65	110223	12	1.1
Custom 5.9	01.62- 01.64	110074	14	60	01.62- 01.64	110223	12	1.1
Custom 6.3	01.62- 01.65	110074	14	60				
Custom 6.8	01.62- 01.65	110074	14	60				
Custom 7.0	01.63- 01.65	110074	14	60				
D100 3.2	01.70- 01.71	110236	14	60	01.70- 01.71	110223	12	1.1
D100 3.7	01.70- 01.87	110236	14	60	01.68- 01.87	110223	12	1.1
	01.68- 01.69	110074	14	60				
D100 3.9	01.88- 01.89	111193	14	90	01.88- 01.89	111456#	12	1.4
D100 5.2	01.88- 01.89	111193	14	90	01.88- 01.89	111456#	12	1.4
	01.70- 01.87	110236	14	60	01.68- 01.87	110223	12	1.1
	01.68- 01.69	110074	14	60				
D100 5.9	01.71- 01.87	110236	14	60	01.71- 01.87	110222	12	1.3
	01.88- 01.88	111193	14	90	01.88- 01.88	111456#	12	1.4
D100 6.3	01.70- 01.71	110236	14	60	01.68- 01.71	110222	12	1.3
	01.68- 01.69	110074	14	60				
D100 6.6	01.71- 01.78	110236	14	60	01.71- 01.78	110222	12	1.3
D100 7.2	01.73- 01.78	110236	14	60	01.73- 01.78	110222	12	1.3
D100 Series 2.8	01.63- 01.65	110074	14	60	01.63- 01.65	110223	12	1.1
D100 Series 3.7	01.63- 01.67	110074	14	60	01.63- 01.67	110223	12	1.1
D100 Series 5.2	01.63- 01.67	110074	14	60	01.63- 01.67	110223	12	1.1
D100 Series 6.3	01.63- 01.67	110074	14	60	01.63- 01.67	110222	12	1.3
D150 3.7	01.78- 01.87	110236	14	60	01.78- 01.87	110223	12	1.1
D150 3.9	01.91- 01.93	111194#	14	120	01.91- 01.93	111764	12	1.4
	01.88- 01.90	111193	14	90	01.88- 01.90	111456#	12	1.4
D150 3.9 S	01.90- 01.91	111194#	14	120	01.90- 01.91	111456#	12	1.4
D150 5.2	01.91- 01.93	111194#	14	120	01.91- 01.93	111764	12	1.4
	01.88- 01.90	111193	14	90	01.88- 01.90	111456#	12	1.4
	01.77- 01.87	110236	14	60	01.77- 01.87	110223	12	1.1
D150 5.2 S	01.90- 01.91	111194#	14	120	01.90- 01.91	111456#	12	1.4
D150 5.9	01.91- 01.93	111194#	14	120	01.91- 01.93	111764	12	1.4
	01.88- 01.90	111193	14	90	01.88- 01.90	111456#	12	1.4
	01.77- 01.87	110236	14	60	01.77- 01.87	110222	12	1.3
D150 6.6	01.77- 01.78	110236	14	60	01.77- 01.78	110222	12	1.3
D150 7.2	01.78- 01.78	110236	14	60	01.78- 01.78	110222	12	1.3
D200 3.7	01.70- 01.80	110236	14	60	01.68- 01.80	110223	12	1.1
	01.68- 01.69	110074	14	60				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

DODGE Continued

D200 5.2	01.70- 01.80	110236	14 60	01.68- 01.80	110223	12 1.1
	01.68- 01.69	110074	14 60			
D200 5.9	01.71- 01.80	110236	14 60	01.71- 01.80	110222	12 1.3
D200 6.3	01.70- 01.71	110236	14 60	01.68- 01.71	110222	12 1.3
	01.68- 01.69	110074	14 60			
D200 6.6	01.71- 01.78	110236	14 60	01.71- 01.78	110222	12 1.3
D200 7.2	01.73- 01.78	110236	14 60	01.73- 01.78	110222	12 1.3
D200 Series 3.7	01.63- 01.67	110074	14 60	01.63- 01.67	110223	12 1.1
D200 Series 5.2	01.63- 01.67	110074	14 60	01.63- 01.67	110223	12 1.1
D200 Series 6.3	01.63- 01.67	110074	14 60	01.63- 01.67	110222	12 1.3
D250 3.7	01.81- 01.87	110236	14 60	01.81- 01.87	110223	12 1.1
D250 3.9	01.91- 01.93	111194#	14 120	01.88- 01.90	111456#	12 1.4
	01.88- 01.90	111193	14 90	01.91- 01.93	111764	12 1.4
D250 5.2	01.91- 01.93	111194#	14 120	01.88- 01.90	111456#	12 1.4
	01.88- 01.90	111193	14 90	01.81- 01.87	110223	12 1.1
	01.81- 01.87	110236	14 60	01.91- 01.93	111764	12 1.4
D250 5.9	01.92- 01.93	112833#	14 90	01.88- 01.91	111456#	12 1.4
	01.89- 01.93	111194#	14 120	01.81- 01.87	110222	12 1.3
	01.88- 01.90	111193	14 90	01.91- 01.93	111764	12 1.4
	01.81- 01.87	110236	14 60			
D300 3.7	01.70- 01.78	110236	14 60	01.68- 01.78	110223	12 1.1
	01.68- 01.69	110074	14 60			
D300 5.2	01.70- 01.80	110236	14 60	01.68- 01.80	110223	12 1.1
	01.68- 01.69	110074	14 60			
D300 5.9	01.71- 01.80	110236	14 60	01.71- 01.80	110222	12 1.3
D300 6.3	01.70- 01.71	110236	14 60	01.68- 01.71	110222	12 1.3
	01.68- 01.69	110074	14 60			
D300 6.6	01.71- 01.78	110236	14 60	01.71- 01.78	110222	12 1.3
D300 7.2	01.73- 01.78	110236	14 60	01.73- 01.78	110222	12 1.3
D300 Series 3.7	01.63- 01.67	110074	14 60	01.63- 01.67	110223	12 1.1
D300 Series 5.2	01.63- 01.67	110074	14 60	01.63- 01.67	110223	12 1.1
D300 Series 6.3	01.63- 01.67	110074	14 60	01.63- 01.67	110222	12 1.3
D350 5.2	01.81- 01.83	110236	14 60	01.81- 01.83	110223	12 1.1
D350 5.9	01.91- 01.93	111194#	14 120	01.91- 01.93	111764	12 1.4
	01.88- 01.90	111193	14 90	01.88- 01.90	111456#	12 1.4
	01.81- 01.87	110236	14 60	01.81- 01.87	110222	12 1.3
D400 5.9	01.78- 01.81	110236	14 60	01.78- 01.81	110222	12 1.3
D400 7.2	01.78- 01.78	110236	14 60	01.78- 01.78	110222	12 1.3
D450 5.9	01.78- 01.81	110236	14 60	01.78- 01.81	110222	12 1.3
D450 7.2	01.78- 01.78	110236	14 60	01.78- 01.78	110222	12 1.3
D50 2.0	01.79- 01.82	110805	14 45	01.79- 01.82	110158	12 1.2
				01.79- 01.80	110291#	12 1.2
D50 2.6	01.79- 01.82	110805	14 45	01.79- 01.82	110158	12 1.2
				01.79- 01.80	110291#	12 1.2
Dakota 2.2	01.90- 01.93	111194#	14 120	01.87- 01.88	111425	12 1.4
	01.87- 01.87	110514	14 78			
Dakota 2.5	01.99- 01.00	113358	14 117	01.96- 01.98	112301	12 1.2
	01.97- 01.98	113063	14 90	01.89- 01.96	111425	12 1.4
	01.91- 01.96	111193	14 90			
	01.91- 01.96	113058#	14 120			
	01.90- 01.93	111194#	14 120			
Dakota 3.7	01.04-	113607	14 136			
Dakota 3.9	01.96- 01.98	112833#	14 90	01.99- 01.03	113120	12 1.4
	01.98- 01.98	113071	14 136	01.91- 01.95	111764	12 1.4
	01.91- 01.95	111194#	14 120	01.88- 01.90	111456#	12 1.4
	01.88- 01.90	111193	14 90	01.87- 01.87	110223	12 1.1
Dakota 3.9 AWD [EHC]				01.96- 01.98	113116	12 1.4
				01.99- 09.03	113120	12 1.4
Dakota 3.9 SLT [EHC]				01.96- 01.98	113116	12 1.4
				01.99- 09.03	113120	12 1.4
Dakota 3.9 Sport	01.91- 01.91	111194#	14 120	01.91- 01.91	111764	12 1.4
	01.88- 01.90	111193	14 90	01.88- 01.90	111456#	12 1.4
Dakota 4.7	01.01- 01.03	113607	14 136			
	01.00- 01.01	113559	14 136			
Dakota 5.2	01.96- 01.98	112833#	14 90	01.99- 01.99	113120	12 1.4
	01.98- 01.98	113071	14 136	01.90- 01.95	111764	12 1.4
	01.90- 01.95	111194#	14 120			
Dakota 5.2 Shelby	01.89-	111193	14 90	01.99-	113120	12 1.4
Dakota 5.2 Sport	01.91- 01.91	111194#	14 120	01.91- 01.91	111764	12 1.4
Dakota 5.2	01.95- 01.96	112833#	14 90			
Dakota 5.9	01.98- 01.98	112833#	14 90	01.99- 01.03	113120	12 1.4
	01.98- 01.98	113071	14 136			
Dart 2.8	01.61- 01.69	110074	14 60	01.61- 01.69	110223	12 1.1
Dart 2.8 270	01.68- 01.68	110074	14 60	01.68- 01.68	110223	12 1.1
Dart 2.8 Custom	01.69- 01.69	110074	14 60	01.69- 01.69	110223	12 1.1
Dart 2.8 GT	01.68- 01.69	110074	14 60	01.68- 01.69	110223	12 1.1
Dart 2.8 Swinger	01.69- 01.69	110074	14 60	01.69- 01.69	110223	12 1.1
Dart 3.2	01.70- 01.74	110236	14 60	01.70- 01.74	110223	12 1.1
Dart 3.2 Custom	01.70- 01.74	110236	14 60	01.70- 01.74	110223	12 1.1
Dart 3.2 Demon	01.71- 01.72	110236	14 60	01.71- 01.72	110223	12 1.1
Dart 3.2 Special	01.71- 01.74	110236	14 60	01.71- 01.74	110223	12 1.1
Dart 3.2 Sport	01.73- 01.74	110236	14 60	01.73- 01.74	110223	12 1.1
Dart 3.2 Swinger	01.70- 01.74	110236	14 60	01.70- 01.74	110223	12 1.1
Dart 3.7	01.61- 01.69	110074	14 60	01.61- 01.76	110223	12 1.1
	01.70- 01.76	110236	14 60			
Dart 3.7 270	01.68- 01.68	110074	14 60	01.68- 01.68	110223	12 1.1
Dart 3.7 Custom	01.70- 01.75	110236	14 60	01.69- 01.75	110223	12 1.1
	01.69- 01.69	110074	14 60			
Dart 3.7 Demon	01.71- 01.72	110236	14 60	01.71- 01.72	110223	12 1.1



Dart 3.7 GT	01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Dart 3.7 Special	01.71- 01.76	110236	14	60	01.71- 01.76	110223	12	1.1
Dart 3.7 Special Edition	01.74- 01.75	110236	14	60	01.74- 01.75	110223	12	1.1
Dart 3.7 Sport	01.73- 01.76	110236	14	60	01.73- 01.76	110223	12	1.1
Dart 3.7 Swinger	01.70- 01.76	110236	14	60	01.69- 01.76	110223	12	1.1
	01.69- 01.69	110074	14	60				
Dart 4.5	01.64- 01.69	110074	14	60	01.64- 01.69	110223	12	1.1
Dart 4.5 270	01.68- 01.68	110074	14	60	01.68- 01.68	110223	12	1.1
Dart 4.5 Custom	01.69- 01.69	110074	14	60	01.69- 01.69	110223	12	1.1
Dart 4.5 GT	01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Dart 4.5 GTS	01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Dart 4.5 Swinger	01.69- 01.69	110074	14	60	01.69- 01.69	110223	12	1.1
Dart 5.2	01.61- 01.68	110074	14	60	01.61- 01.76	110223	12	1.1
	01.70- 01.76	110236	14	60				
Dart 5.2 270	01.68- 01.68	110074	14	60	01.68- 01.68	110223	12	1.1
Dart 5.2 Custom	01.70- 01.75	110236	14	60	01.69- 01.75	110223	12	1.1
	01.69- 01.69	110074	14	60				
Dart 5.2 Demon	01.71- 01.72	110236	14	60	01.71- 01.72	110223	12	1.1
Dart 5.2 GT	01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Dart 5.2 GTS	01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Dart 5.2 Special	01.71- 01.76	110236	14	60	01.71- 01.76	110223	12	1.1
Dart 5.2 Special Edition	01.74- 01.75	110236	14	60	01.74- 01.75	110223	12	1.1
Dart 5.2 Sport	01.73- 01.76	110236	14	60	01.73- 01.76	110223	12	1.1
Dart 5.2 Swinger	01.70- 01.76	110236	14	60	01.69- 01.76	110223	12	1.1
	01.69- 01.69	110074	14	60				
Dart 5.6	01.68- 01.68	110074	14	60	01.68- 01.68	110223	12	1.1
Dart 5.6 270	01.68- 01.68	110074	14	60	01.68- 01.68	110223	12	1.1
Dart 5.6 Demon 340	01.71- 01.72	110236	14	60	01.71- 01.72	110223	12	1.1
Dart 5.6 GT	01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Dart 5.6 GTS	01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Dart 5.6 Sport 340	01.73- 01.73	110236	14	60	01.73- 01.73	110223	12	1.1
Dart 5.6 Swinger	01.70- 01.71	110236	14	60	01.69- 01.71	110223	12	1.1
	01.69- 01.69	110074	14	60				
Dart 5.9	01.61- 01.62	110074	14	60	01.76- 01.76	110222	12	1.3
	01.76- 01.76	110236	14	60				
Dart 5.9 Sport 360	01.74- 01.75	110236	14	60	01.74- 01.75	110222	12	1.3
Dart 5.9 Swinger	01.76- 01.76	110236	14	60	01.76- 01.76	110222	12	1.3
Dart 6.3	01.62- 01.68	110074	14	60	01.66- 01.68	110222	12	1.3
Dart 6.3 270	01.68- 01.68	110074	14	60	01.68- 01.68	110222	12	1.3
Dart 6.3 GT	01.68- 01.68	110074	14	60	01.68- 01.68	110222	12	1.3
Dart 6.3 GTS	01.68- 01.69	110074	14	60	01.68- 01.69	110222	12	1.3
Dart 6.8	01.61- 01.61	110074	14	60				
Daytona 2.2 Turbo	01.90- 01.93	111194#	14	120	01.87- 01.90	111425	12	1.4
	01.90- 01.90	111193	14	90				
	01.90- 01.90	113058#	14	120				
	01.89- 01.89	113051	14	120				
Daytona 2.2 Turbo IROC R/T	01.92- 01.93	111193	14	90	01.92- 01.93	111425	12	1.4
	01.92- 01.93	113058#	14	120				
Daytona 2.2 Turbo Pacifica					01.87- 01.88	111425	12	1.4
Daytona 2.2 Turbo Shelby	01.90- 01.90	111193	14	90	01.89- 01.90	111425	12	1.4
	01.90- 01.90	113058#	14	120				
	01.89- 01.89	113051	14	120				
Daytona 2.2 Turbo Shelby Z					01.87- 01.88	111425	12	1.4
Daytona 2.5	01.90- 01.93	111194#	14	120	01.86- 01.93	111425	12	1.4
	01.90- 01.93	113058#	14	120				
	01.90- 01.93	111193	14	90				
Daytona 2.5 ES	01.92- 01.93	111193	14	90	01.89- 01.93	111425	12	1.4
	01.92- 01.93	113058#	14	120				
	01.89- 01.91	113051	14	120				
Daytona 2.5 Turbo	01.89- 01.91	113051	14	120	01.89- 01.91	111425	12	1.4
Daytona 2.5 Turbo ES	01.89- 01.90	113051	14	120	01.89- 01.90	111425	12	1.4
Daytona 2.5 Turbo Iroc	01.91- 01.92	113058#	14	120	01.91- 01.92	111425	12	1.4
	01.91- 01.92	111193	14	90				
Daytona 2.5 Turbo Shelby	01.89- 01.91	113051	14	120	01.89- 01.91	111425	12	1.4
Daytona 3.0	01.90- 01.90	111193	14	90	01.90- 01.93	111456#	12	1.4
	01.91- 01.93	113056#	14	90				
	01.90- 01.90	113055#	14	90				
Daytona 3.0 ES	01.91- 01.93	113056#	14	90	01.90- 01.93	111456#	12	1.4
	01.90- 01.90	113055#	14	90				
Daytona 3.0 Iroc	01.92- 01.92	113056#	14	90	01.92- 01.92	111456#	12	1.4
Diplomat 3.7	01.78- 01.81	110236	14	60	01.78- 01.81	110223	12	1.1
Diplomat 3.7 Medallion	01.78- 01.83	110236	14	60	01.78- 01.83	110223	12	1.1
Diplomat 3.7 S	01.78- 01.78	110236	14	60	01.78- 01.78	110223	12	1.1
Diplomat 3.7 SALON	01.79- 01.83	110236	14	60	01.79- 01.83	110223	12	1.1
Diplomat 3.7 Sport	01.81- 01.81	110236	14	60	01.81- 01.81	110223	12	1.1
Diplomat 5.2	01.77- 01.81	110236	14	60	01.77- 01.81	110223	12	1.1
Diplomat 5.2 Medallion	01.77- 01.83	110236	14	60	01.77- 01.83	110223	12	1.1
Diplomat 5.2 S	01.78- 01.78	110236	14	60	01.78- 01.78	110223	12	1.1
Diplomat 5.2 SALON	01.79- 01.87	110236	14	60	01.88- 01.89	111456#	12	1.4
					01.79- 01.87	110223	12	1.1
Diplomat 5.2 SE	01.84- 01.87	110236	14	60	01.88- 01.89	111456#	12	1.4
					01.84- 01.87	110223	12	1.1
Diplomat 5.2 Sport	01.81- 01.81	110236	14	60	01.81- 01.81	110223	12	1.1
Diplomat 5.9	01.78- 01.79	110236	14	60	01.78- 01.79	110222	12	1.3
Diplomat 5.9 Medallion	01.78- 01.79	110236	14	60	01.78- 01.79	110222	12	1.3
Diplomat 5.9 SALON	01.79- 01.79	110236	14	60	01.79- 01.79	110222	12	1.3
Durango 3.9	01.98- 01.98	112833#	14	90	01.98- 01.99	113116	12	1.4
	01.98- 01.98	113071	14	136	01.99- 01.99	113120	12	1.4
Durango 4.7	01.00- 01.01	113559	14	136				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

DODGE Continued

Durango 5.2		01.98- 01.98	112833#	14	90	01.98- 01.00	113116	12	1.4
		01.98- 01.98	113071	14	136	01.99- 01.00	113120	12	1.4
Durango 5.9		01.98- 01.98	112833#	14	90	01.98- 01.02	113116	12	1.4
		01.98- 01.98	113071	14	136	01.99- 01.02	113120	12	1.4
Dynasty 2.5		01.90- 01.93	111194#	14	120	01.88- 01.93	111425	12	1.4
		01.92- 01.93	113058#	14	120				
		01.92- 01.93	111193	14	90				
Dynasty 2.5 LE						01.88- 01.90	111425	12	1.4
Dynasty 3.0		01.91- 01.93	113056#	14	90	01.88- 01.93	111456#	12	1.4
		01.90-	111193	14	90				
		01.90- 01.90	113055#	14	90				
Dynasty 3.0 LE		01.91- 01.93	113056#	14	90	01.88- 01.93	111456#	12	1.4
		01.90- 01.90	113055#	14	90				
Dynasty 3.3		01.90- 01.93	113056#	14	90	01.90- 01.93	111492	12	1.4
Dynasty 3.3 LE		01.90- 01.93	113056#	14	90	01.90- 01.93	111492	12	1.4
Grand 2.5 SE						01.88- 01.89	111425	12	1.4
Grand 3.0		01.94- 01.95	113056#	14	90	01.94- 01.95	111456#	12	1.4
Grand 3.0 LE		01.92- 01.92	113056#	14	90	01.88- 01.92	111456#	12	1.4
Grand 3.0 SE		01.92- 01.95	113056#	14	90	01.88- 01.95	111456#	12	1.4
Grand 3.3						01.97- 01.00	111492	12	1.4
Grand 3.3 ES		01.94- 01.97	113056#	14	90	01.94- 01.97	111492	12	1.4
Grand 3.3 LE		01.90- 01.95	113056#	14	90	01.90- 01.97	111492	12	1.4
Grand 3.3 SE		01.90- 01.95	113056#	14	90	01.90- 01.97	111492	12	1.4
Grand 3.3 SE						01.96- 01.96	111492	12	1.4
Grand 3.3	[EGM]					01.99- 01.00	111492	12	1.4
						01.98- 01.98	111492	12	1.4
Grand 3.8						01.98- 01.00	111492	12	1.4
Grand 3.8 ES		01.94- 01.97	113056#	14	90	01.94- 01.97	111492	12	1.4
Grand 3.8 LE		01.94- 01.97	113056#	14	90	01.94- 01.97	111492	12	1.4
Grand 3.8 SE						01.97- 01.97	111492	12	1.4
Grand Caravan 2.8 CRD						01.08-	113977	12	2.2
Intrepid 2.7	[EER]	01.98- 01.01	113365	14	120				
Intrepid 2.7 ES		01.00- 01.01	113365	14	120				
Intrepid 2.7 SE	[EER]	01.02- 01.02	113365	14	120				
		01.03- 01.03	113365	14	120				
Intrepid 3.2	[EGW]	01.98- 01.01	113027#	14	130	01.98- 01.01	113242	12	1.4
Intrepid 3.5		01.00- 01.01	113027#	14	130	01.00- 01.01	113242	12	1.4
						01.93- 01.97	112845#	12	1.4
Intrepid 3.5 ES		01.02- 01.03	113027#	14	130	01.02- 01.03	113242	12	1.4
						01.93- 01.97	112845#	12	1.4
Intrepid 3.5 Police		01.04-	113027#	14	130				
Intrepid 3.5 R/T		01.00- 01.02	113027#	14	130	01.00- 01.02	113242	12	1.4
Intrepid 3.5 SXT		01.03- 01.03	113027#	14	130				
Lancer 2.2 Turbo ES						01.88- 01.88	111425	12	1.4
Lancer 2.2 Turbo Shelby		01.89- 01.89	113051	14	120	01.89- 01.89	111425	12	1.4
Lancer 2.5						01.86- 01.89	111425	12	1.4
Lancer 2.5 ES						01.86- 01.89	111425	12	1.4
Lancer 2.5 Turbo		01.89- 01.89	113051	14	120	01.89- 01.89	111425	12	1.4
Lancer 2.5 Turbo ES		01.89- 01.89	113051	14	120	01.89- 01.89	111425	12	1.4
Lancer 2.5 Turbo Shelby		01.89- 01.89	113051	14	120	01.89- 01.89	111425	12	1.4
Lancer 2.8		01.62- 01.62	110074	14	60				
Lancer 3.7		01.61- 01.62	110074	14	60				
Lancer 6.8		01.61- 01.62	110074	14	60				
M300 5.2		01.74- 01.74	110236	14	60	01.74- 01.74	110222	12	1.3
M300 7.2		01.74- 01.74	110236	14	60	01.74- 01.74	110222	12	1.3
M350 5.2		01.74- 01.74	110236	14	60	01.74- 01.74	110222	12	1.3
M350 7.2		01.74- 01.74	110236	14	60	01.74- 01.74	110222	12	1.3
Magnum 5.2 XE		01.78- 01.79	110236	14	60	01.78- 01.79	110223	12	1.1
Magnum 5.9 XE		01.78- 01.79	110236	14	60	01.78- 01.79	110222	12	1.3
Magnum 6.6 XE		01.78- 01.78	110236	14	60	01.78- 01.78	110222	12	1.3
Mini Ram 2.5						01.87- 01.88	111425	12	1.4
Mini Ram 3.0						01.87- 01.88	111456#	12	1.4
Mirada 3.7		01.80- 01.83	110236	14	60	01.80- 01.83	110223	12	1.1
Mirada 5.2		01.80- 01.83	110236	14	60	01.80- 01.83	110223	12	1.1
Mirada 5.9		01.80- 01.80	110236	14	60	01.80- 01.80	110222	12	1.3
Monaco 3.0 ES		01.90- 01.92	112447	14	105				
Monaco 3.0 LE		01.90- 01.92	112447	14	105				
Monaco 3.7		01.77- 01.78	110236	14	60	01.77- 01.78	110223	12	1.1
Monaco 3.7 Brougham		01.77- 01.78	110236	14	60	01.77- 01.78	110223	12	1.1
Monaco 5.2		01.70- 01.78	110236	14	60	01.68- 01.78	110223	12	1.1
		01.68- 01.69	110074	14	60				
Monaco 5.2 500		01.68- 01.68	110074	14	60	01.68- 01.68	110223	12	1.1
Monaco 5.2 Brougham		01.77- 01.78	110236	14	60	01.77- 01.78	110223	12	1.1
Monaco 5.9		01.71- 01.78	110236	14	60	01.71- 01.78	110222	12	1.3
Monaco 5.9 Brougham		01.74- 01.78	110236	14	60	01.74- 01.78	110222	12	1.3
Monaco 5.9 Crestwood		01.77- 01.78	110236	14	60	01.77- 01.78	110222	12	1.3
Monaco 5.9 Custom		01.74- 01.74	110236	14	60	01.74- 01.74	110222	12	1.3
Monaco 6.3		01.70- 01.71	110236	14	60	01.66- 01.71	110223	12	1.1
		01.65- 01.69	110074	14	60				
Monaco 6.3 500		01.68- 01.68	110074	14	60	01.68- 01.68	110223	12	1.1
Monaco 6.6		01.72- 01.78	110236	14	60	01.72- 01.78	110222	12	1.3
Monaco 6.6 Brougham		01.74- 01.78	110236	14	60	01.74- 01.78	110222	12	1.3
Monaco 6.6 Crestwood		01.77- 01.78	110236	14	60	01.77- 01.78	110222	12	1.3
Monaco 6.6 Custom		01.74- 01.74	110236	14	60	01.74- 01.74	110222	12	1.3
Monaco 6.8		01.65- 01.65	110074	14	60				
Monaco 7.0		01.65- 01.66	110074	14	60				
Monaco 7.2		01.66- 01.69	110074	14	60	01.66- 01.78	110222	12	1.3
		01.70- 01.78	110236	14	60				
Monaco 7.2 500		01.68- 01.68	110074	14	60	01.68- 01.68	110222	12	1.3



Monaco 7.2 Brougham		01.74- 01.78	110236	14	60		01.74- 01.78	110222	12	1.3
Monaco 7.2 Custom		01.74- 01.74	110236	14	60		01.74- 01.74	110222	12	1.3
Neon 2.0	[ECB]	01.95- 01.97	111530	14	90		01.95- 01.97	111396	12	1.2
	[ECC]	01.97- 01.97	111530	14	90		01.98- 01.98	113587#	12	1.1
		01.96- 01.96	111530	14	90		01.98- 01.98	113587#	12	1.1
							01.00- 01.01	113613	12	1.1
							01.99- 01.99	113587#	12	1.1
Neon 2.0 Highline	[ECB]	01.95- 01.97	111530	14	90		01.95- 01.97	111396	12	1.2
	[ECC]	01.97- 01.97	111530	14	90					
		01.95- 01.96	111530	14	90		01.95- 01.96	111396	12	1.2
Neon 2.0 R/T							01.01- 01.01	113613	12	1.1
Neon 2.0 SE							01.02- 01.03	113613	12	1.1
Neon 2.0 Sport	[ECB]	01.95- 01.96	111530	14	90		01.95- 01.96	111396	12	1.2
	[ECC]	01.95- 01.97	111530	14	90		01.95- 01.97	111396	12	1.2
		01.97- 01.97	111530	14	90					
Neon 2.0 SXT							01.03- 01.03	113613	12	1.1
Omni 1.7		01.83- 01.83	110514	14	78					
Omni 1.7 024		01.80- 01.82	110514	14	78					
Omni 1.7 024 Miser		01.81- 01.82	110514	14	78					
Omni 1.7 Custom		01.83- 01.83	110514	14	78					
Omni 1.7 E-Type		01.82- 01.82	110514	14	78					
Omni 1.7 Miser		01.81- 01.82	110514	14	78					
Omni 2.2							01.87- 01.90	111425	12	1.4
		01.81- 01.85	110514	14	78					
		01.90- 01.93	111194#	14	120					
		01.88- 01.90	113051	14	120					
Omni 2.2 024		01.81- 01.82	110514	14	78					
Omni 2.2 024 Miser		01.81- 01.82	110514	14	78					
Omni 2.2 Custom		01.83- 01.83	110514	14	78					
Omni 2.2 E-Type		01.82- 01.82	110514	14	78					
Omni 2.2 Miser		01.81- 01.82	110514	14	78					
P200 3.7		01.70- 01.72	110236	14	60		01.70- 01.72	110222	12	1.3
P200 5.9		01.70- 01.72	110236	14	60		01.70- 01.72	110222	12	1.3
P300 3.7		01.70- 01.72	110236	14	60		01.70- 01.72	110222	12	1.3
P300 5.9		01.71- 01.72	110236	14	60		01.71- 01.72	110222	12	1.3
Polara 2.8		01.63- 01.64	110074	14	60					
Polara 3.7		01.70- 01.71	110236	14	60		01.63- 01.71	110223	12	1.1
		01.63- 01.64	110074	14	60					
Polara 3.7 Custom		01.70- 01.70	110236	14	60		01.70- 01.70	110223	12	1.1
Polara 4.5		01.64- 01.67	110074	14	60		01.64- 01.67	110223	12	1.1
Polara 5.2		01.62- 01.69	110074	14	60		01.62- 01.73	110223	12	1.1
		01.70- 01.73	110236	14	60					
Polara 5.2 500		01.68- 01.69	110074	14	60		01.68- 01.69	110223	12	1.1
Polara 5.2 Custom		01.70- 01.73	110236	14	60		01.70- 01.73	110223	12	1.1
Polara 5.9		01.71- 01.73	110236	14	60		01.71- 01.73	110222	12	1.3
		01.62- 01.64	110074	14	60		01.62- 01.64	110223	12	1.1
Polara 5.9 Custom		01.71- 01.73	110236	14	60		01.71- 01.73	110222	12	1.3
Polara 6.3		01.62- 01.69	110074	14	60		01.66- 01.71	110222	12	1.3
		01.70- 01.71	110236	14	60					
Polara 6.3 500		01.68- 01.69	110074	14	60		01.68- 01.69	110222	12	1.3
Polara 6.3 Brougham		01.71- 01.71	110236	14	60		01.71- 01.71	110222	12	1.3
Polara 6.3 Custom		01.70- 01.71	110236	14	60		01.70- 01.71	110222	12	1.3
Polara 6.6		01.72- 01.73	110236	14	60		01.72- 01.73	110222	12	1.3
Polara 6.6 Custom		01.72- 01.73	110236	14	60		01.72- 01.73	110222	12	1.3
Polara 6.8		01.62- 01.65	110074	14	60					
Polara 7.0		01.64- 01.67	110074	14	60					
Polara 7.2		01.66- 01.69	110074	14	60		01.66- 01.73	110222	12	1.3
		01.70- 01.73	110236	14	60					
Polara 7.2 500		01.68- 01.69	110074	14	60		01.68- 01.69	110222	12	1.3
Polara 7.2 Brougham		01.71- 01.71	110236	14	60		01.71- 01.71	110222	12	1.3
Polara 7.2 Custom		01.70- 01.73	110236	14	60		01.70- 01.73	110222	12	1.3
Power Ram 2.0 50							01.83- 01.84	110158	12	1.2
Power Ram 2.3 Turbo 50		01.83-	110811							
Power Ram 2.6 50		01.83- 01.86	110805	14	45		01.85- 01.86	110315	12	0.9
							01.83- 01.84	110158	12	1.2
Raider 2.6							01.87- 01.89	110811	12	1.2
Raider 3.0							01.89- 01.89	111241	12	1.2
Ram 2.0 50							01.87- 01.89	110811	12	1.2
							01.87- 01.89	110158	12	1.2
Ram 2.0 50 Custom							01.83- 01.86	110158	12	1.2
Ram 2.0 50 Royal							01.84- 01.84	110158	12	1.2
Ram 2.3 Turbo 50 Royal							01.83- 01.85	110811	12	1.2
							01.84- 01.85	111461	12	2.2
							01.83- 01.83	110809	12	2.0
Ram 2.3 Turbo 50 Sport							01.84- 01.84	111461	12	2.2
							01.83- 01.84	110811	12	1.2
							01.83- 01.83	110809	12	2.0
Ram 2.4 50							01.90- 01.93	110811	12	1.2
							01.90- 01.93	110158	12	1.2
Ram 2.4 50 SE							01.90- 01.93	110811	12	1.2
							01.90- 01.93	110158	12	1.2
Ram 2.6 50		01.85-	110805	14	45		01.87- 01.89	110811	12	1.2
							01.87- 01.89	110158	12	1.2
Ram 2.6 50 Custom		01.84- 01.86	110805	14	45		01.87- 01.89	110811	12	1.2
							01.84- 01.89	110158	12	1.2
Ram 2.6 50 Royal		01.83- 01.86	110805	14	45		01.83- 01.86	110158	12	1.2
Ram 2.6 50 Sport		01.83- 01.84	110805	14	45		01.87- 01.89	110811	12	1.2
							01.83- 01.89	110158	12	1.2
Ram 3.0 50							01.90- 01.91	111241	12	1.2

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**DODGE** Continued

Ram 3.9 1500	01.97- 01.98	113071	14	136	01.99- 01.01	113120	12	1.4
	01.94- 01.98	112833#	14	90	01.96- 01.98	113116	12	1.4
Ram 5.2 1500					01.94- 01.96	111764	12	1.4
	01.94- 01.98	112833#	14	90	01.99- 01.01	113120	12	1.4
	01.97- 01.98	113071	14	136	01.96- 01.98	113116	12	1.4
Ram 5.2 2500					01.94- 01.96	111764	12	1.4
	01.94- 01.98	112833#	14	90	01.96- 01.98	113116	12	1.4
	01.97- 01.98	113071	14	136	01.99- 01.01	113120	12	1.4
Ram 5.2 3500					01.94- 01.96	111764	12	1.4
Ram 5.2 1500					01.99- 01.01	113120	12	1.4
Ram 5.2 2500	01.95- 01.97	112833#	14	90	01.96- 01.97	113116	12	1.4
	01.97- 01.97	113071	14	136	01.95- 01.96	111764	12	1.4
Ram 5.2 3500	01.95- 01.96	112833#	14	90	01.99- 01.01	113120	12	1.4
					01.96- 01.96	113116	12	1.4
Ram 5.2 3500					01.95- 01.96	111764	12	1.4
Ram 5.9 1500					01.99- 01.01	113120	12	1.4
Ram 5.9 2500	01.99- 01.01	113362	14	136	01.99- 01.03	113120	12	1.4
	01.94- 01.98	112833#	14	90	01.96- 01.98	113116	12	1.4
	01.97- 01.98	113071	14	136	01.94- 01.96	111764	12	1.4
Ram 5.9 3500	01.94- 01.98	112833#	14	90	01.99- 01.02	113120	12	1.4
	01.99- 01.01	113362	14	136	01.96- 01.98	113116	12	1.4
	01.97- 01.98	113071	14	136	01.94- 01.96	111764	12	1.4
Ram 5.9 3500 Quad Cab	01.94- 01.98	112833#	14	90	01.96- 01.98	113116	12	1.4
	01.96- 01.98	113071	14	136	01.94- 01.96	111764	12	1.4
	01.99- 01.01	113362	14	136	01.99- 01.02	113120	12	1.4
Ram 5.9 3500 Quad Cab	01.98- 01.98	112833#	14	90	01.98- 01.98	113116	12	1.4
Ram 5.9 Turbo 2500	01.98- 01.98	113071	14	136				
					01.96- 01.98	113116	12	1.4
Ram 5.9 Turbo 2500 Quad Cab					01.94- 01.01	113114	12	2.7
					01.99- 01.03	113120	12	1.4
					01.98- 01.98	113116	12	1.4
Ram 5.9 Turbo 3500					01.98- 01.01	113114	12	2.7
					01.01- 01.01	113120	12	1.4
					01.96- 01.98	113116	12	1.4
Ram 5.9 Turbo 3500 Quad Cab					01.97- 01.01	113114	12	2.7
					01.99- 01.03	113120	12	1.4
					01.98- 01.98	113116	12	1.4
Ram 8.0 2500					01.98- 01.01	113114	12	2.7
Ram 8.0 2500	01.97- 01.98	112833#	14	90	01.01- 01.01	113120	12	1.4
Ram 8.0 3500	01.97- 01.98	113071	14	136				
	01.97- 01.98	112833#	14	90				
Ram 2500 3.9	01.97- 01.98	113071	14	136				
Ram 2500 5.2					01.01- 01.01	113120	12	1.4
Ram 2500 5.9					01.99- 01.01	113120	12	1.4
Ram 2500 5.9 Turbo					01.96- 01.98	113116	12	1.4
Ram 3500 5.2					01.02- 01.03	113120	12	1.4
Ram 3500 5.9					01.99- 01.01	113120	12	1.4
Ram 3500 5.9 Turbo					01.96- 01.98	113116	12	1.4
Ramcharger 3.7					01.02- 01.03	113120	12	1.4
Ramcharger 5.2	01.74- 01.80	110236	14	60	01.74- 01.80	110223	12	1.1
	01.74- 01.87	110236	14	60	01.91- 01.93	111764	12	1.4
	01.91- 01.93	111194#	14	120	01.88- 01.90	111456#	12	1.4
Ramcharger 5.9	01.88- 01.90	111193	14	90	01.74- 01.87	110223	12	1.1
	01.74- 01.87	110236	14	60	01.91- 01.93	111764	12	1.4
	01.88- 01.90	111193	14	90	01.88- 01.90	111456#	12	1.4
Ramcharger 6.6	01.91- 01.93	111194#	14	120	01.74- 01.87	110222	12	1.3
	01.76- 01.78	110236	14	60	01.76- 01.78	110222	12	1.3
	01.74- 01.78	110236	14	60	01.74- 01.78	110222	12	1.3
Ramcharger 7.2								
Rampage 2.2	01.74- 01.78	110236	14	60	01.74- 01.78	110222	12	1.3
RD200 5.2	01.82- 01.84	110514	14	78				
RD200 5.9	01.78- 01.80	110236	14	60	01.78- 01.80	110223	12	1.1
Royal Monaco 3.0	01.78- 01.80	110236	14	60	01.78- 01.80	110222	12	1.3
Royal Monaco 5.2					01.87- 01.87	111456#	12	1.4
Royal Monaco 5.9	01.75- 01.77	110236	14	60	01.75- 01.77	110223	12	1.1
Royal Monaco 5.9 Brougham	01.75- 01.77	110236	14	60	01.75- 01.77	110222	12	1.3
Royal Monaco 6.6	01.75- 01.77	110236	14	60	01.75- 01.77	110222	12	1.3
Royal Monaco 6.6 Brougham	01.75- 01.77	110236	14	60	01.75- 01.77	110222	12	1.3
Royal Monaco 7.2	01.75- 01.77	110236	14	60	01.75- 01.77	110222	12	1.3
Royal Monaco 7.2 Brougham	01.75- 01.77	110236	14	60	01.75- 01.77	110222	12	1.3
Shadow 2.2	01.90- 01.93	111194#	14	120	01.87- 01.94	111425	12	1.4
	01.90- 01.94	113058#	14	120				
Shadow 2.2 America	01.90- 01.94	111193	14	90				
	01.90- 01.93	111194#	14	120	01.91- 01.92	111425	12	1.4
	01.91- 01.92	111193	14	90				
Shadow 2.2 Turbo	01.91- 01.92	113058#	14	120				
	01.90- 01.93	111194#	14	120	01.87- 01.90	111425	12	1.4
	01.90- 01.90	113058#	14	120				
Shadow 2.2 Turbo Shelby	01.90- 01.90	111193	14	90				
	01.89- 01.89	113051	14	120	01.89- 01.89	111425	12	1.4
Shadow 2.5	01.89- 01.89	113051	14	120	01.88- 01.94	111425	12	1.4
	01.90- 01.93	111194#	14	120				
Shadow 2.5 America	01.92- 01.94	111193	14	90				
	01.92- 01.94	113058#	14	120				
	01.92- 01.92	111193	14	90	01.92- 01.92	111425	12	1.4
Shadow 2.5 ES	01.92- 01.92	113058#	14	120				
	01.91- 01.94	111193	14	90	01.91- 01.94	111425	12	1.4
	01.91- 01.94	113058#	14	120				



Shadow 2.5 Turbo		01.92- 01.92	111193	14	90		01.89- 01.92	111425	12	1.4
		01.92- 01.92	113058#	14	120					
		01.89- 01.91	113051	14	120					
Shadow 2.5 Turbo ES		01.91- 01.92	111193	14	90		01.91- 01.92	111425	12	1.4
		01.91- 01.92	113058#	14	120					
Shadow 3.0		01.93-	113056#	14	90		01.93-	111456#	12	1.4
Shadow 3.0 ES		01.92- 01.94	113056#	14	90		01.92- 01.94	111456#	12	1.4
Spirit 2.2 Turbo R/T		01.91- 01.92	112194	14	120		01.91- 01.92	111425	12	1.4
		01.91- 01.92	111193	14	90					
		01.91- 01.92	113058#	14	120					
Spirit 2.5		01.92- 01.95	111193	14	90		01.89- 01.95	111425	12	1.4
		01.92- 01.95	113058#	14	120					
		01.89- 01.91	113051	14	120					
Spirit 2.5 ES		01.93- 01.93	111193	14	90		01.93- 01.93	111425	12	1.4
		01.93- 01.93	113058#	14	120					
Spirit 2.5 LE		01.92- 01.92	113058#	14	120		01.89- 01.92	111425	12	1.4
		01.92- 01.92	111193	14	90					
		01.89- 01.91	113051	14	120					
Spirit 2.5 Turbo		01.89- 01.91	113051	14	120		01.89- 01.91	111425	12	1.4
Spirit 2.5 Turbo ES		01.92- 01.92	113058#	14	120		01.89- 01.92	111425	12	1.4
		01.92- 01.92	111193	14	90					
		01.89- 01.91	113051	14	120					
Spirit 2.5 Turbo LE		01.92- 01.92	111193	14	90		01.89- 01.92	111425	12	1.4
		01.92- 01.92	113058#	14	120					
		01.89- 01.91	113051	14	120					
Spirit 2.5		01.93- 01.94	111193	14	90		01.93- 01.94	111425	12	1.4
		01.93- 01.94	113058#	14	120					
Spirit 3.0		01.91- 01.95	113056#	14	90		01.90- 01.95	111456#	12	1.4
		01.90- 01.90	113055#	14	90					
Spirit 3.0 ES		01.91- 01.93	113056#	14	90		01.89- 01.93	111456#	12	1.4
		01.90- 01.90	113055#	14	90					
Spirit 3.0 LE		01.91- 01.92	113056#	14	90		01.90- 01.92	111456#	12	1.4
		01.90- 01.90	113055#	14	90					
St. Regis 3.7		01.79- 01.81	110236	14	60		01.79- 01.81	110223	12	1.1
St. Regis 5.2		01.79- 01.81	110236	14	60		01.79- 01.81	110223	12	1.1
St. Regis 5.9		01.79- 01.80	110236	14	60		01.79- 01.80	110222	12	1.3
Stealth 3.0							01.91- 01.96	111241	12	1.2
Stealth 3.0 ES							01.91- 01.93	111241	12	1.2
Stealth 3.0 R/T							01.91- 01.96	111241	12	1.2
Stealth 3.0 R/T Sport		01.94- 01.95	111406	14	110		01.94- 01.95	111241	12	1.2
Stealth 3.0 Turbo R/T		01.91- 01.96	111406	14	110		01.91- 01.96	111241	12	1.2
Stratus 2.0	[ECB]	01.95- 01.98	113067	14	90		01.98- 01.98	113587#	12	1.1
							01.95- 01.97	111396	12	1.2
		01.99- 01.00	113067	14	90		01.99- 01.00	113587#	12	1.1
Stratus 2.0 ES	[ECB]	01.95- 01.97	113067	14	90		01.95- 01.97	111396	12	1.2
Stratus 2.4	[EDZ]	01.95- 01.98	113067	14	90					
		01.99- 01.00	113067	14	90					
Stratus 2.4 ES	[EDZ]	01.96- 01.98	113067	14	90					
		01.95- 01.95	113067	14	90					
Stratus 2.5		01.99- 01.00	111529#	14	90		01.99- 01.00	112846	12	1.4
Stratus 2.5 ES	[EEB]	01.95- 01.98	111529#	14	90		01.95- 01.98	112846	12	1.4
W100 3.7		01.63- 01.69	110074	14	60		01.63- 01.87	110223	12	1.1
		01.70- 01.87	110236	14	60					
W100 3.9		01.89- 01.89	111193	14	90		01.89- 01.89	111456#	12	1.4
W100 5.2		01.63- 01.69	110074	14	60		01.63- 01.87	110223	12	1.1
		01.88- 01.89	111193	14	90		01.88- 01.89	111456#	12	1.4
		01.70- 01.87	110236	14	60					
W100 5.9		01.88- 01.88	111193	14	90		01.88- 01.88	111456#	12	1.4
		01.72- 01.87	110236	14	60		01.72- 01.87	110222	12	1.3
W100 6.3		01.63- 01.69	110074	14	60		01.63- 01.87	110222	12	1.3
		01.70- 01.71	110236	14	60					
W100 6.6		01.71- 01.77	110236	14	60		01.71- 01.77	110222	12	1.3
W100 7.2		01.74- 01.77	110236	14	60		01.74- 01.77	110222	12	1.3
W150 3.7		01.78- 01.87	110236	14	60		01.78- 01.87	110223	12	1.1
W150 3.9		01.91- 01.93	111194#	14	120		01.91- 01.93	111764	12	1.4
		01.89- 01.90	111193	14	90		01.89- 01.90	111456#	12	1.4
W150 3.9 S		01.90- 01.91	111194#	14	120		01.90- 01.91	111456#	12	1.4
W150 5.2		01.91- 01.93	111194#	14	120		01.91- 01.93	111764	12	1.4
		01.88- 01.90	111193	14	90		01.88- 01.90	111456#	12	1.4
		01.77- 01.87	110236	14	60		01.77- 01.87	110223	12	1.1
W150 5.2 S		01.90- 01.91	111194#	14	120		01.90- 01.91	111456#	12	1.4
W150 5.9		01.91- 01.93	111194#	14	120		01.91- 01.93	111764	12	1.4
		01.88- 01.90	111193	14	90		01.88- 01.90	111456#	12	1.4
		01.77- 01.87	110236	14	60		01.77- 01.87	110222	12	1.3
W150 5.9 S		01.91- 01.91	111194#	14	120		01.91- 01.91	111764	12	1.4
W150 6.6		01.77- 01.78	110236	14	60		01.77- 01.78	110222	12	1.3
W150 7.2		01.78- 01.78	110236	14	60		01.78- 01.78	110222	12	1.3
W200 3.7		01.63- 01.70	110074	14	60		01.63- 01.80	110223	12	1.1
		01.70- 01.80	110236	14	60					
W200 5.2		01.63- 01.69	110074	14	60		01.63- 01.80	110223	12	1.1
		01.70- 01.80	110236	14	60					
W200 5.9		01.71- 01.80	110236	14	60		01.71- 01.80	110222	12	1.3
W200 6.3		01.63- 01.69	110074	14	60		01.63- 01.71	110222	12	1.3
		01.70- 01.71	110236	14	60					
W200 6.6		01.71- 01.78	110236	14	60		01.71- 01.78	110222	12	1.3
W200 7.2		01.74- 01.78	110236	14	60		01.74- 01.78	110222	12	1.3
W250 5.2		01.91- 01.93	111194#	14	120		01.91- 01.93	111764	12	1.4
		01.88- 01.90	111193	14	90		01.88- 01.90	111456#	12	1.4
		01.81- 01.87	110236	14	60		01.81- 01.87	110223	12	1.1

## STARTERS &amp; ALTERNATORS

O. E. M. names and numbers are used for reference purposes only.



Application list

**DODGE** *Continued*

W250 5.9		01.88- 01.90	111193	14	90		01.88- 01.91	111456#	12	1.4	
		01.92- 01.93	112833#	14	90		01.91- 01.93	111764	12	1.4	
		01.90- 01.93	111194#	14	120		01.81- 01.87	110222	12	1.3	
W300 3.7		01.81- 01.87	110236	14	60						
		01.63- 01.69	110074	14	60		01.63- 01.78	110223	12	1.1	
W300 5.2		01.70- 01.78	110236	14	60						
		01.63- 01.69	110074	14	60		01.63- 01.80	110223	12	1.1	
W300 5.9		01.70- 01.80	110236	14	60						
		01.71- 01.80	110236	14	60		01.71- 01.80	110222	12	1.3	
W300 6.3		01.67- 01.69	110074	14	60		01.67- 01.71	110222	12	1.3	
		01.71- 01.71	110236	14	60						
W300 6.6		01.76- 01.78	110236	14	60		01.76- 01.78	110222	12	1.3	
		01.75- 01.78	110236	14	60		01.75- 01.78	110222	12	1.3	
W350 5.2		01.82- 01.83	110236	14	60		01.82- 01.83	110223	12	1.1	
		01.91- 01.93	111194#	14	120		01.91- 01.93	111764	12	1.4	
W350 5.9		01.88- 01.90	111193	14	90		01.88- 01.90	111456#	12	1.4	
		01.81- 01.87	110236	14	60		01.81- 01.87	110222	12	1.3	
<b>PASSENGER CARS AO</b>											
Caravan 3.8 Turbo 4WD	[EGH]	04.01- 01.06	113803	14	130						
Caravan III 3.3	[EGM]	04.01- 01.06	113803	14	130						
Caravan III 3.8	[EGH]	04.01- 01.06	113803	14	130						
Caravan III 3.8 AWD		04.01- 01.06	113803	14	130						
Ram 5.9 TD	[ETC]						10.96- 01.98	113116	12	1.4	
							01.99- 01.03	113120	12	1.4	
<b>Dongfeng (Dfi)</b>											
<b>PASSENGER CARS AO</b>											
Qashqai 2.0	[MR20DE]	12.07-	115340	14	120						
<b>Dronningborg</b>											
<b>AGRICULTURE</b>											
7000	[Perkins]		111289	14	70						
7800	[Valmet D620]	01.93	110968	14	70						
		01.93	111355	14	65						
8700 Jumbo	[Valmet]		110968	14	70						
			111355	14	65						
Various Models									110449	12	3.6
									114254	12	2.7 GR
									110460	12	2.8
									110545	12	3.0
									110443	12	2.1
<b>Drogmøller</b>											
<b>TRUCKS EU</b>											
Various Models		01.80-	111833	28	140						
<b>Eagle</b>											
<b>PASSENGER CARS US</b>											
2000 2.0 GTX		01.91- 01.93	110802	14	75		01.91- 01.93	110811	12	1.2	
2000 2.0 GTX 4x4		01.91- 01.93	110804	14	90						
		01.92- 01.92	110802	14	75		01.92- 01.92	110811	12	1.2	
		01.92- 01.92	110804	14	90						
Medallion 2.2 DL		01.88- 01.89	112755#	14	90						
Medallion 2.2 LX		01.88- 01.89	112755#	14	90						
Premier 2.5 LX							01.88- 01.89	111490	12	1.4	
Premier 3.0 ES		01.88- 01.92	112447	14	105						
Premier 3.0 Limited		01.91- 01.92	112447	14	105						
Premier 3.0 LX		01.88- 01.92	112447	14	105						
Summit 1.5		01.91- 01.92	110659	14	75		01.91- 01.92	110958	12	0.9	
Summit 1.5 DL		01.91- 01.92	110659	14	75		01.91- 01.92	110158	12	1.2	
		01.89- 01.96	110659	14	75		01.89- 01.96	110158	12	1.2	
							01.91- 01.96	110958	12	0.9	
Summit 1.5 ES		01.91- 01.96	110659	14	75		01.91- 01.96	110158	12	1.2	
							01.91- 01.96	110958	12	0.9	
Summit 1.5 ESI							01.95- 01.96	110958	12	0.9	
							01.95- 01.96	110158	12	1.2	
Summit 1.5 LX		01.89- 01.90	110659	14	75		01.89- 01.90	110158	12	1.2	
Summit 1.6 LX		01.89- 01.90	110802	14	75		01.89- 01.90	110811	12	1.2	
Summit 1.8		01.92- 01.93	111375	14	75						
Summit 1.8 DL		01.92- 01.96	111375	14	75						
Summit 1.8 ES		01.93- 01.96	111375	14	75						
Summit 1.8 ESI		01.94- 01.95	111375	14	75						
Summit 1.8 LX		01.92- 01.96	111375	14	75						
Summit 2.4		01.93- 01.96	111376	14	75		01.95- 01.96	110811	12	1.2	
		01.92- 01.92	110802	14	75		01.92- 01.94	110158	12	1.2	
Summit 2.4 DL		01.93- 01.96	111376	14	75		01.95- 01.96	110811	12	1.2	
		01.92- 01.92	110802	14	75		01.92- 01.94	110158	12	1.2	
Summit 2.4 LX		01.93- 01.96	111376	14	75		01.95- 01.96	110811	12	1.2	
		01.92- 01.92	110802	14	75		01.92- 01.94	110158	12	1.2	
Talon 1.8 DL		01.93- 01.94	110666#	14	60		01.93- 01.94	110158	12	1.2	
							01.93- 01.94	110958	12	0.9	
Talon 2.0	[EBG]	01.93- 01.97	110802	14	75		01.93- 01.97	110811	12	1.2	
	[ECF]	01.96- 01.97	111530	14	90						
		01.90- 01.92	110802	14	75		01.90- 01.92	110811	12	1.2	
		01.90- 01.92	110804	14	90						
Talon 2.0 ES		01.98- 01.98	111530	14	90						
		01.93- 01.94	110802	14	75		01.93- 01.94	110811	12	1.2	
Talon 2.0 ESI	[ECF]	01.96- 01.98	111530	14	90						
		01.95- 01.95	111530	14	90						
Vision 3.5						01.93- 01.97	112845#	12	1.4		
Vision 3.5 ESI						01.95- 01.97	112845#	12	1.4		
Vista 2.0	[G63B]	01.89-	110659	14	75						
		01.89-	112531	14	60						



Vista 2.0 4x4		01.90-	112531	14	60			
		01.90-	110659	14	75			
<b>Eicher</b>								
<b>AGRICULTURE</b>								
330 2.0 Diesel	[EDK 2-9]	10.77- 12.80	111649	14	33			
3026 5.9 Diesel	[EDL 6-1]	03.82- 03.97	111649	14	33			
		03.82-	112098	14	65			
3028 5.9 Diesel	[EDL 6-5]	09.83-	112098	14	65			
3030 5.9 Diesel	[EDL 6-6]	09.83-	112098	14	65			
3357 3.0 Diesel	[EDL 3-8]	03.82- 12.87	111649	14	33			
3358 3.0 Diesel	[EDL 3-8]	03.82- 12.87	111649	14	33			
3457 3.0 Diesel	[EDL 3-9]	03.82- 12.87	111649	14	33			
3458 3.0 Diesel	[EDL 3-9]	03.82- 12.87	111649	14	33			
3559 3.9 Diesel	[EDL 4-4]	01.84- 01.99	111649	14	33			
3560 3.9 Diesel	[EDL 4-4]	01.84- 01.99	111649	14	33			
3659 3.9 Diesel	[EDL 4-5]	01.84- 01.99	111649	14	33			
3660 3.9 Diesel	[EDL 4-6]	01.84- 01.99	111649	14	33			
3257 S 3.0 Diesel	[EDL 3-7]	01.83- 12.87	111649	14	33			
3258 A AS 3.0 Diesel	[EDL 3-7]	03.82- 12.87	111649	14	33			
635 K KA 1.9 Diesel	[EDL 2-2]	01.86- 01.01	111649	14	33			
642 K KA 1.9 Diesel	[EDL 2-4]	01.86- 01.01	111649	14	33			
645 K KA 2.9 Diesel	[EDL 3-6]	01.86- 01.01	111649	14	33			
648 V VA 2.9 Diesel	[EDL 3-7.2]	01.87- 01.02	111649	14	33			
666 P,PA 2.9 Diesel	[EDL 3-9.1]	01.87- 01.02	111649	14	33			
666 V VA 2.9 Diesel	[EDL 3-9.1]	01.86- 01.01	111649	14	33			
680 P PA 3.9 Diesel	[EDL 4-5.1]	01.87- 01.02	111649	14	33			
Various Models		01.77- 11.87	111649	14	33			
						01.72-	110439	12 2.0
						01.75-	110819	12 2.8
						01.75-	110565	12 2.8
<b>ERF</b>								
<b>TRUCKS EU</b>								
A Series	[Cum. 220, NT 240]					01.69- 01.73	110721#	24 7.1
E6 6.0	[Cummins B]					01.88- 01.96	111286#	24 5.5
							111574	12 2.8
						01.88- 01.96	112656#	24 4.5
E8 8.0	[Cummins]					01.88-	113332#	24 7.5
EC6 6.0	[Cummins B]					01.88- 01.96	111286#	24 5.5
						01.88- 01.96	112656#	24 4.5
EC8 8.0	[Cummins]					01.88-	113332#	24 7.5
ES6 6.0	[Cummins B]					01.88- 01.96	111286#	24 5.5
						01.88- 01.96	112656#	24 4.5
ES8 8.0	[Cummins]					01.88-	113332#	24 7.5
<b>Eurofrigo</b>								
<b>MISCELLANEOUS</b>								
Various Models							114252	12 0.3
<b>Evinrude</b>								
<b>MARINE</b>								
E20E						01.85- 01.95	111043	12 0.6
						01.85- 01.95	112156	12
E25E						01.85- 01.98	111043	12 0.6
E25EL						01.81- 01.98	111043	12 0.6
E25TE						01.80- 01.98	111043	12 0.6
E25TEL						01.80- 01.98	111043	12 0.6
E28ESL						01.87- 01.96	111043	12 0.6
E30E						01.84- 01.98	111043	12 0.6
E30EL						01.84- 01.98	111043	12 0.6
E30TE						01.85- 01.98	111043	12 0.6
E30TEL						01.85- 01.98	111043	12 0.6
E35E						01.80- 01.84	111043	12 0.6
E35EL						01.80- 01.84	111043	12 0.6
E35TEL						01.83- 01.84	111043	12 0.6
E40E EL						01.89- 01.97	110647	12 0.6
E40TE TEL						01.89- 01.98	110647	12 0.6
E40TL TTL						01.89- 01.98	110647	12 0.6
E48ESL						01.87- 01.96	110647	12 0.6
E50BE BEL						01.89- 01.95	110647	12 0.6
E50DTL						01.95- 01.98	110647	12 0.6
E50EL						01.95- 01.97	110647	12 0.6
E50TEL						01.89- 01.95	110647	12 0.6
E50TL						01.89- 01.97	110647	12 0.6
E50TTL						01.95- 01.98	110647	12 0.6
Various Models							111043	12 0.6
							112156	12
							110647	12 0.6
<b>Evobus</b>								
<b>TRUCKS EU</b>								
S 415 GT 12.0	[OM457.941]					10.03-	113608	24 6.2
	[OM457.944]					10.03-	113608	24 6.2
S 415 GT-HD 12.0	[OM457.941]					10.03-	113608	24 6.2
	[OM457.944]					10.03-	113608	24 6.2
S 416 GT-HD 12.0	[OM457.944]					10.03-	113608	24 6.2
	[OM457.953]					10.03-	113608	24 6.2
S 417 GT-HD 12.0	[OM457.944]					10.03-	113608	24 6.2
	[OM457.953]					10.03-	113608	24 6.2
<b>Fahr</b>								
<b>AGRICULTURE</b>								
M1000 Series		01.80- 12.87	112736	14	65			
		02.79- 12.81	110641	14	33			
		06.74- 12.80	112097	28	30			

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**FAHR Continued**

M2000 Series		01.79- 12.87	112736	14 65				
M600 Series		02.79- 12.87	110641	14 33				
M700 Series		02.79- 12.87	110641	14 33				
M900 Series		02.79- 12.87	110641	14 33				

**Farymann**

<b>MARINE</b>								
Various Models			110048	14 35			113381#	12 2.5
			110127	14 70			112496	12 2.0

**MOTORS**

Various Models							113381#	12 2.5
							112496	12 2.0

**Fendt**

**AGRICULTURE**

204 3.8 Diesel	[F4L 912]	02.79- 08.88	110641	14 33		09.86- 12.91 01.92-	110536 112555	12 2.7 12 3.1
205 4.0 Diesel	[F4L 912]	02.79- 08.88	110641	14 33				
600 5.7 Diesel	[D227-6]	02.78-	112196	14 143		02.78-	111332	12 2.7
610 5.7 Diesel	[D226-6]	02.78-	112196	14 143		02.78-	111332	12 2.7
611 6.2 Diesel	[D226-6]	02.76-	112196	14 143		02.76-	111332	12 2.7
612 6.2 Diesel	[D226-6]	02.76-	112196	14 143		02.76-	111332	12 2.7
614 6.2 Diesel	[TD226-6]	02.78-	112196	14 143		02.78-	111332	12 2.7
105S 4.2 Diesel	[D226-4]					02.77- 02.92	111332	12 2.7
200 Series 2.8 Diesel	[F3L912]	02.79- 08.88	110077	14 50		02.74- 12.91	110536	12 2.7
		02.79- 08.88	110641	14 33		10.92-	112555	12 3.1
		09.88-	110881	14 55				
204 P 204 V 3.8	[F4L912]	01.74- 12.96	110641	14 33		01.74- 12.96	110536	12 2.7
		01.74- 12.96	110881	14 55				
204 PA 204 VA 3.8	[F4L912]	01.74- 12.96	110641	14 33		01.74- 12.96	110536	12 2.7
		01.74- 12.96	110881	14 55				
300 SERIES 4.2 Diesel	[D226..]	02.80- 08.04	112196	14 143		02.80-	111332	12 2.7
626 LS 11.4 Diesel	[D2566ME]	02.82- 02.97	112196	14 143				
800 Series 6.9 Diesel	[D286..]	06.93-	113290#	14 95		06.93-	113353	24 4.0
900 Series						01.93-	113353	24 4.0
Various Models	[TCD2013]		114192	14 200			114475	12 4.0
							114838	12 4.5 MI
			111978	14 120			110536	12 2.7
			114735	14 150			112555	12 3.1
						01.68- 12.74	112039	12 2.7

**Ferrari**

**PASSENGER CARS EU**

208 2.0 Turbo	[F106D..]	06.82- 10.89	111620	14 65				
		GTB/GTS 01.86- 10.89	113187	14 85				
328 3.2 GTB	[F105C..]					09.85- 09.89	111694	12 1.8
400 4.8 I	[F101..]	05.79- 03.85	110912	14 55				
412 4.9 I	[F101E..]	04.85- 12.88	111620	14 65				
F 40 3.0	[F120A]	02.88- 06.92	111620	14 65				
		04.88- 06.92	113187	14 85				
Mondial 2.9	[F106B..]	07.80- 09.83	111620	14 65				
Mondial 3.4 T	[F119D]					01.89- 12.93	111694	12 1.8

**AGRICULTURE**

86 2.5 Diesel	[LDA 833]	06.80-	111662	14 33				
91 0.4	[6LD400]					09.89- 02.92 03.92- 09.04	112034 112171	12 1.7 12 1.1
92 0.5	[3LD350]					09.89- 02.92 03.92- 09.04	112034 112171	12 1.7 12 1.1
93		09.89-	111662	14 33				
94		09.89-	111662	14 33				
95 1.3 Diesel	[8LD665.2]	11.88-	111662	14 33				
96 2.7 Diesel	[5LD 824-3]	09.89-	111662	14 33				
305 0.4	[6LD400]					09.89- 02.92 03.92- 09.04	112034 112171	12 1.7 12 1.1
305 0.5	[6L360]					09.89- 02.92 03.92- 09.04	112034 112171	12 1.7 12 1.1
306 0.4	[6LD400]					09.89- 02.92 03.92- 09.04	112034 112171	12 1.7 12 1.1
307 0.4	[6LD400]					10.90- 02.92 02.92-	112034 112171	12 1.7 12 1.1
718 0.7	[7LD665]					06.80- 12.83	113268	12 1.6
792 0.4	[6LD400]					09.89- 02.92 03.92- 09.04	112034 112171	12 1.7 12 1.1
794 0.4	[6LD400]					09.89- 02.92 03.92- 09.04	112034 112171	12 1.7 12 1.1
1100 1.1 Diesel	[9LD 561]	12.85-	111662	14 33		12.85-	112172	12 1.6
1300 1.3 Diesel	[8LD665.2]	12.85-	111662	14 33		12.85-	112172	12 1.6
40 WDT 1.6 Diesel	[LDW1503]	04.91-	111168	14 55		04.91-	110844	12 2.2
725 0.7	[7LD665]					01.71- 01.71-	112171 113268	12 1.1 12 1.6
95 RS 1.7 Diesel	[5LD 825.2]	11.88-	111662	14 33				
95 RS 1.9 Diesel	[11LD 625.3]		111662	14 33				
96 RS 1.9 Diesel	[11LD 625.3]	09.89-	111662	14 33				

**Fiat**

**PASSENGER CARS EU**

124 1.2 1200	[124A.000]	08.71- 07.75	110912	14 55				
	[154E1.000]	08.71- 05.73	110912	14 55				
124 1.4 1400 Special	[124B2.000]	10.68- 07.75	110611	14 44				
		10.68- 07.75	110912	14 55				
124 1.4 1400 Special T	[132A.000]	10.68- 07.75	110611	14 44				
		10.68- 07.75	110912	14 55				





124 1.6 1600 Spider Sport	[132AC.000]	11.69- 08.73	110912	14 55				
		04.70- 08.73	110611	14 44				
124 1.6 1600 Sport	[132AC.000]	01.69- 12.74	110611	14 44				
		01.69- 12.75	110912	14 55				
124 2.0 2000	[132C3.031]	06.79- 04.85	110912	14 55	06.79- 04.85	111106	12 1.0	
124 2.0 2000 Spider Europa	[132C3.031]	06.79- 04.85	110912	14 55	06.79- 04.85	111106	12 1.0	
		03.82- 09.85	111620	14 65				
124 2.0 2000 Volumex	[232R14]	06.83- 04.85	110912	14 55	06.83- 04.85	111106	12 1.0	
125 1.6	[125A.000]	07.71- 12.72	110912	14 55				
125 1.6 Special	[125B.000]	07.71- 12.72	110912	14 55				
126 0.6 600 Bambino	[126A.000]				09.72- 06.77	110608	12 0.5	
126 0.65 650 Bambino	[126A1.048]				07.77- 11.84	110608	12 0.5	
	[141A.000]				01.83-	110608	12 0.5	
126 0.7 700 Bambino	[126A2.000]	09.87- 06.91	111035	14 65				
	[126A2.048]	09.87- 06.91	111035	14 65				
127 0.9	[100GL.000]	06.78- 05.83	111078	14 45	06.71- 05.83	110365	12 0.8	
					01.79-	111118	12 0.9	
	[100GL.048]	06.78- 05.83	111078	14 45	06.71- 05.83	110365	12 0.8	
					01.79-	111118	12 0.9	
127 1.0	[127A.000]	04.77- 10.86	110612#	14 43				
		04.77- 05.83	111180	14 33				
127 1.0 Panorama	[127A.000]	04.77- 05.86	111180	14 33				
127 1.0 Sport	[127A1.000]	06.78- 11.81	110899	14 33				
		06.78- 11.81	111180	14 33				
127 1.3 Sport	[127A3.000]	12.81- 10.86	110612#	14 43				
127 1.3 Diesel	[127A5.000]				07.82- 12.86	111118	12 0.9	
127 1.3 Diesel Panorama	[127A6.000]				06.83- 12.86	111118	12 0.9	
128 1.1 1100	[128A.000]	09.69- 10.78	110899	14 33	09.69- 12.84	110338	12 0.8	
		09.69- 12.84	111180	14 33				
	[128A.048]	09.69- 12.79	110899	14 33	09.69- 12.84	110338	12 0.8	
		09.69- 09.81	111180	14 33				
	[128AC5.000]	03.72- 12.79	110899	14 33	03.72- 02.81	110338	12 0.8	
		03.72- 02.81	111180	14 33				
128 1.3 1300	[128A1.000]	01.71- 04.76	110899	14 33	03.69- 12.84	110338	12 0.8	
		01.71- 12.84	111180	14 33				
	[128AC.000]	11.71- 12.75	110899	14 33	11.71- 12.75	110338	12 0.8	
		11.71- 12.75	111180	14 33				
128 1.3 1300 Berlinetta	[128AC.000]	06.75- 12.79	110899	14 33	06.75- 12.79	110338	12 0.8	
		06.75- 12.79	111180	14 33				
128 1.3 1300 Rally		09.71- 02.76	110899	14 33	09.71- 02.76	110338	12 0.8	
128 1.3 1300 Sport	[128A1.000]	03.69- 10.78	110899	14 33	03.69- 12.84	110338	12 0.8	
		10.78- 12.84	111180	14 33				
130 3.2 3200	[130B.000]	09.71- 03.77	110611	14 44				
131 1.3 Mirafiori	[131A.000]	10.74- 12.82	110350	14 44				
	[131A6.000]	10.74- 09.81	110912	14 55				
		10.74- 09.81	111138	14 45				
131 1.3 Mirafiori Panorama	[131A.000]	03.75- 03.82	110912	14 55				
		03.75- 03.82	111138	14 45				
131 1.3 Panorama Mirafiori	[131A6.000]	10.74- 01.84	110912	14 55				
		11.76- 01.84	111138	14 45				
131 1.3 Super Mirafiori	[131B.000]	10.74- 01.84	110912	14 55	03.78- 12.80	110814	12 2.7	
		11.76- 01.84	111138	14 45	07.80- 01.84	111106	12 1.0	
131 1.4 Mirafiori	[131C.000]	11.80- 01.84	110912	14 55	11.80- 01.84	110352	12 1.3	
		11.80- 01.84	111138	14 45				
	[131C1.000]	11.80- 01.84	110912	14 55	11.80- 01.84	110352	12 1.3	
		11.80- 01.84	111138	14 45				
131 1.4 Super Mirafiori	[131C1.000]	10.74- 01.84	110912	14 55	01.81- 12.83	110352	12 1.3	
		11.76- 01.84	111138	14 45				
131 1.6 1600	[131A1.000]	10.74- 09.81	110912	14 55	07.80- 09.81	111106	12 1.0	
		10.74- 09.81	111138	14 45	10.74- 06.80	110352	12 1.3	
	[131C2.000]	10.74- 01.84	110912	14 55	11.76- 12.84	111106	12 1.0	
		11.76- 12.84	111138	14 45	11.76- 12.84	110814	12 2.7	
131 1.6 1600 Panorama	[131C2.000]	11.80- 01.84	110912	14 55	11.80- 04.85	111106	12 1.0	
		11.80- 01.84	111138	14 45				
131 1.6 1600 Super	[131C3.000]	03.78- 01.84	110912	14 55	03.78- 06.80	110352	12 1.3	
		03.78- 01.84	111138	14 45	07.80- 01.84	111106	12 1.0	
131 1.6 Panorama	[131A1.000]	03.75- 12.78	110912	14 55	03.75- 12.78	110352	12 1.3	
		03.75- 12.78	111138	14 45				
131 1.6 Panorama Super	[131C3.000]	12.79- 12.81	110912	14 55				
		12.79- 12.81	111138	14 45				
131 1.6 Super Mirafiori	[131B1.000]	10.74- 01.84	110912	14 55	03.79- 06.80	110352	12 1.3	
		11.76- 01.84	111138	14 45	07.80- 03.82	111106	12 1.0	
131 2.0 2000 Racing	[131B2.000]	06.78- 12.81	110912	14 55	06.78- 08.79	110352	12 1.3	
		06.78- 12.81	111138	14 45	07.80- 12.81	111106	12 1.0	
131 2.0 2000 Super	[131C4.000]	01.81- 01.84	110912	14 55	01.81- 12.84	110814	12 2.7	
		01.81- 01.84	111138	14 45	01.81- 01.84	111106	12 1.0	
131 2.0 Abarth Rally	[131B2.000]				01.76- 07.80	111106	12 1.0	
131 2.0 Diesel	[8144.65]	03.78- 01.84	110882	14 45	03.78- 01.84	110812	12 2.0	
		03.78- 01.84	110890	14 55				
		03.78- 01.84	111686	14 65				
131 2.0 Diesel Panorama	[8144.65]				07.78- 08.84	110812	12 2.0	
131 2.5 Diesel	[8144.61]	03.78- 02.84	110882	14 45	06.78- 02.84	110814	12 2.7	
		03.78- 02.84	110890	14 55	06.78- 02.84	110812	12 2.0	
		03.78- 02.84	111686	14 65				
131 2.5 Diesel 2500 Super Mirafiori	[8144.61]	08.78- 01.84	110882	14 45	08.78- 01.84	110812	12 2.0	
		08.78- 01.84	110890	14 55				
		08.78- 01.84	111686	14 65				
132 1.6 1600	[132BBOAO]	04.72- 05.81	110912	14 55	07.80- 05.85	111106	12 1.0	
		11.76- 05.81	111138	14 45				

## STARTERS &amp; ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

FIAT Continued

	[132C.000]	05.72- 05.81	110912	14 55		07.80- 05.81	111106	12 1.0
		11.76- 05.81	111138	14 45				
	[132C6.000]	03.77- 12.81	110912	14 55				
		03.77- 12.81	111138	14 45				
132 1.7 1700	[132B1.000]	11.75- 01.77	110912	14 55				
		11.76- 01.77	111138	14 45				
132 1.8 1800 GLS	[132B1.000]	02.74- 12.75	110912	14 55				
		02.74- 12.75	111138	14 45				
132 1.8 1800 Special	[132B1.000]	04.72- 01.74	110912	14 55				
		04.72- 01.74	111138	14 45				
132 2.0 2000	[132C2.000]	05.72- 06.81	110912	14 55		07.80- 06.81	111106	12 1.0
		11.76- 06.81	111138	14 45				
132 2.0 i.e. 2000	[132C3.000]	01.80- 05.81	110912	14 55		07.80- 12.82	111106	12 1.0
		01.80- 05.81	111138	14 45				
132 2.0 Diesel	[8144.65]	03.78- 07.82	110882	14 45		07.78- 07.82	110812	12 2.0
		03.78- 07.82	110890	14 55				
		03.78- 05.81	111686	14 65				
132 2.5 Diesel	[8144.61]	03.78- 07.82	110882	14 45		07.78- 07.82	110812	12 2.0
		03.78- 07.82	110890	14 55				
		03.78- 05.81	111686	14 65				
500 0.5	[110F.000]					11.72- 12.74	110608	12 0.5
	[120.000]					11.72- 12.74	110608	12 0.5
500 0.9	[312A2.000]	07.10-	114806	14 120				
500 1.2	[169A4.000]	10.07-	114462	14 70		10.07-	113962	12 0.9
500 1.2 LPG	[169A4.000]	12.10-	114462	14 70		A25 12.10-	115312	12 1.1
500 1.3 Multijet	[169A1.000]	10.07-	113721	14 75				
		10.07-	113722	14 90				
		AC 10.07-	114451	14 105				
	[199B1.000]					12.09-	115400	12 1.4
500 1.4	[169A3.000]	10.07-	114462	14 70		10.07-	113962	12 0.9
500 1.4 Abarth	[312A1.000]					08.08-	113962	12 0.9
	[312A3.000]					09.09-	113962	12 0.9
900 0.9 Panorama	[100GF.000]					09.80- 12.84	110522	12 3.0
900 0.9 Pulmino	[100GF.000]					09.80- 12.84	110522	12 3.0
238-Series 1.4	[131AZ000]	01.69- 10.77	110611	14 44				
		06.76- 12.77	110912	14 55				
		01.78- 06.82	111078	14 45				
	[131BZ0C0]	06.80- 06.82	111078	14 45				
	[131FZ]	06.80- 06.82	111078	14 45				
500 C 0.9	[312A2.000]	09.09-	114806	14 120				
500 C 1.2	[169A4.000]	09.09-	114462	14 70		09.09-	113962	12 0.9
						A25 09.09-	115312	12 1.1
500 C 1.3 Multijet	[169A1.000]	09.09-	113722	14 90				
		09.09-	114451	14 105				
	[199B1.000]					09.09-	115400	12 1.4
500 C 1.4	[169A3.000]	09.09-	114462	14 70		09.09-	113962	12 0.9
						A25 09.09-	115312	12 1.1
500L 0.9 CNG	[312A2.000]	03.13-	114806	14 120				
500L 1.3 Multijet	[199B4.000]					09.12-	115400	12 1.4
500L 1.4	[843A1.000]	09.12-	114462	14 70		09.12-	113962	12 0.9
500L 1.6 Multijet	[199B5.000]					A25 09.12-	115399	12 1.4
Albea 1.2 i.e. 16V	[188A5.000]	01.02-	113718	14 70				
Albea 1.2 i.e. 8V	[188A4.000]	01.02-	113718	14 70				
Albea 1.4	[350A1.000]	01.07-	114462	14 70		01.07-	113962	12 0.9
Argenta 1.6 1600	[132D.000]	06.81- 11.85	110912	14 55		06.81- 11.85	111106	12 1.0
		06.81- 11.85	111138	14 45				
		ATAC 06.81- 11.85	111620	14 65				
		AC 06.81- 11.85	111620	14 65				
Argenta 1.6 i.e. 1600		04.81- 12.85	110912	14 55		04.81- 12.85	111106	12 1.0
		04.81- 12.85	111138	14 45				
Argenta 2.0 2000	[132C2.000]	06.81- 11.85	110912	14 55		06.81- 11.85	111106	12 1.0
		06.81- 11.85	111138	14 45				
		ATAC 06.81- 11.85	111620	14 65				
		AT 06.81- 11.85	110912	14 55				
		AC 06.81- 11.85	111620	14 65				
Argenta 2.0 2000 Volumax		06.84- 07.85	110912	14 55		06.84- 07.85	111106	12 1.0
		06.84- 07.85	111138	14 45				
Argenta 2.0 i.e. 2000	[132C3.000]	06.81- 11.85	110912	14 55		06.81- 11.85	111106	12 1.0
		06.81- 11.85	111138	14 45				
		ATAC 06.81- 11.85	111620	14 65				
		AT 06.81- 11.85	110912	14 55				
		AC 06.81- 11.85	111620	14 65				
Argenta 2.5 Diesel 2500	[8144.61]	06.81- 11.85	110890	14 55	▲	06.81- 11.85	110812	12 2.0
		06.81- 11.85	111686	14 65				
		AC 06.81- 11.85	111686	14 65				
Argenta 2.5 TD	[8144.61.500.81]	07.83- 11.85	110890	14 55	▲	07.83- 11.85	110812	12 2.0
		07.83- 11.85	111686	14 65				
		AC 07.83- 11.85	111686	14 65				
Barchetta 1.8 16V	[183A1.000]	04.95-	111413	14 90		04.95-	111685	12 1.4
		04.95- 09.00	113942	14 100				
		AC 04.95-	111409	14 100				
	[188A6.000]	10.00-	113942	14 100		09.00-	111685	12 1.4
		Eng. -2988825 04.95-	111413	14 90				
		AC, Eng. -2988825 04.95-	111409	14 100				
Brava 1.2 16V	[182B2.000]	12.98- 10.00	113684	14 90		12.98-	111422	12 0.8
	[188A5.000]	10.00- 10.01	113684	14 90		12.98-	111422	12 0.8
		AC 10.00-	113535	14 85				
Brava 1.4	[182A5.000]	PS 10.95-	111413	14 90		10.95-	111420	12 0.9
Brava 1.4 12V	[182A3.000]	PS 10.95-	111413	14 90		10.95-	111420	12 0.9



Brava 1.6 16V EL	[182A6.000]	10.95-	111688#	14	85	10.95-	112124	12	0.9
		10.95-	111689	14	65				
		PS 10.95-	111689	14	65				
		AC 10.95-	111688#	14	85				
Brava 1.6 16V SX	[182A4.000]	02.96-	111688#	14	85	02.96-	112124	12	0.9
		02.96-	111689	14	65	AT 10.98-	112445	12	1.1
		PS 02.96-	111689	14	65				
		AC 02.96-	111688#	14	85				
		AC 11.98-	112190	14	90				
Brava 1.6						182A... AT 10.95-	111420	12	0.9
Brava 1.8 16V GT	[182A2.000]	10.95- 10.01	113939	14	100	10.95-	111685	12	1.4
		10.95- 10.01	113942	14	100				
		11.98- 01.01	111409	14	100				
		AC 12.95- 01.01	111409	14	100				
Brava 1.9 Diesel	[160A7.000]	10.95-	111416	14	65				
Brava 1.9 JTD	[182B4.000]	12.98-	111409	14	100	12.98-	113430	12	1.8
		12.98-	113336	14	120				
		12.98- 10.01	113942	14	100				
		12.98- 10.01	113943	14	100 A47				
		09.00- 10.01	113943	14	100 A47	09.00- 10.01	113931	12	1.7
	[182B9.000]					09.00- 10.01	113430	12	1.8
		AC 09.00- 10.01	113336	14	120				
Brava 1.9 TD	[182A7.000]	03.96- 10.01	113939	14	100	03.96-	113430	12	1.8
	[182A8.000]	03.96- 10.01	113939	14	100	03.96-	113430	12	1.8
Bravo 1.2 16V	[182B2.000]					12.98-	111422	12	0.8
	[188A5.000]	10.00- 10.01	113684	14	90	12.98-	111422	12	0.8
Bravo 1.4	[182A3.000]	PS 10.95-	111413	14	90	10.95-	111420	12	0.9
	[182A5.000]	PS 10.95-	111413	14	90	10.95-	111420	12	0.9
	[192B2.000]	04.07-	114462	14	70	04.07-	113962	12	0.9
Bravo 1.4 16V	[198A7.000]	03.08-	114806	14	120	03.08-	113962	12	0.9
Bravo 1.4 T-Jet	[198A1.000]	09.07-	114806	14	120	09.07-	113962	12	0.9
	[198A4.000]	09.07-	114462	14	70	09.07-	113962	12	0.9
		09.07-	114806	14	120				
Bravo 1.4 LPG	[192B2.000]	11.09-	114462	14	70	A25 11.09-	115312	12	1.1
Bravo 1.6	[182A6.000]	10.95-	111688#	14	85	11.98-	112445	12	1.1
		10.95-	111689	14	65	10.95-	112124	12	0.9
		PS 10.95-	111689	14	65				
		AC 10.95-	111688#	14	85				
Bravo 1.6 SX	[182A4.000]	03.96-	111688#	14	85	03.96-	112124	12	0.9
		03.96-	111689	14	65	AT 10.98-	112445	12	1.1
		PS 03.96-	111689	14	65				
		AC 03.96-	111688#	14	85				
		AC 11.98-	112190	14	90				
Bravo 1.6 Multijet	[198A2.000]	03.08-	113996	14	140	03.08-	113931	12	1.7
		03.08-	114493	14	100				
	[198A3.000]	03.08-	113996	14	140	03.08-	113931	12	1.7
		03.08-	114493	14	100				
	[955A4.000]	11.08-	113996	14	140	11.08-	113931	12	1.7
		11.08-	114493	14	100				
Bravo 1.8 GT	[182A2.000]	10.95- 10.01	113939	14	100	10.95-	111685	12	1.4
Bravo 1.9 Diesel	[160A7.000]	10.95-	111416	14	65				
Bravo 1.9 JTD	[182B4.000]	12.98-	111409	14	100	12.98-	113430	12	1.8
		12.98-	113336	14	120				
		12.98- 10.01	113942	14	100				
		12.98- 10.01	113943	14	100 A47				
		09.00- 10.01	113943	14	100 A47	09.00- 10.01	113931	12	1.7
	[182B9.000]					09.00- 10.01	113430	12	1.8
		AC 09.00- 10.01	113336	14	120				
Bravo 1.9 Multijet	[937A5.000]	04.07-	114204	14	120	04.07-	113931	12	1.7
Bravo 1.9 TD	[182A7.000]	03.96- 10.01	113667#	14	90	03.96-	113430	12	1.8
		03.96- 10.01	113939	14	100				
Bravo 2.0 20V	[182A1.000]					10.95-	111685	12	1.4
	[182B7.000]					07.98-	111685	12	1.4
Bravo 2.0 Multijet	[198A5.000]	09.08-	113996	14	140				
		09.08-	114493	14	100				
	[844A2.000]	09.08-	114493	14	100				
Campagnola 2.0	[6132AZ2.000]	06.74- 10.89	110912	14	55				
		06.79- 10.86	110890	14	55				
Campagnola 2.4 Diesel	[Sofim-8144.61.200]	06.74- 10.89	110890	14	55	06.74- 10.89	111693	12	2.5
Cinquecento 0.7	[170A.000]	12.91- 01.96	111032#	14	50				
Cinquecento 0.7 i	[170A.046]	07.94-	111032#	14	50				
Cinquecento 0.9	[170A1.000]	07.91- 12.93	111687	14	55	07.91- 12.93	111585	12	0.8
Cinquecento 0.9 i.e.	[1170A1.000]					07.91- 07.98	111585	12	0.8
	[1170A1.046]	07.91- 07.98	111687	14	55	07.91- 07.98	111585	12	0.8
	[170A1.046]	07.91- 12.93	111687	14	55	07.91- 12.93	111585	12	0.8
Cinquecento 1.1 Sporting	[176B2.000]	10.94-	113471	14	65	10.94-	111422	12	0.8
		10.94- 01.98	113533	14	65				
		AC 10.94-	113471	14	65				
Coupe 1.8 16V	[183A1.000]	03.96-	111409	14	100	03.96-	111685	12	1.4
		03.96- 08.00	113942	14	100				
Coupe 2.0 16V	[836A3.000]	03.94- 09.96	111620	14	65	03.94-	110854	12	1.4
		09.96	111860#	14	90				
		AC 03.94- 09.96	112540#	14	100				
Coupe 2.0 20V	[182A1.000]					08.96- 04.98	111685	12	1.4
	[182B3.000]					04.98-	111685	12	1.4
Coupe 2.0 Turbo 16V	[175A1.000]	03.94- 09.96	111620	14	65	03.94-	110854	12	1.4
		09.96	111860#	14	90				
		AC 03.94- 09.96	112540#	14	100				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



**FIAT** *Continued*

Coupe 2.0 Turbo 20V	[175A3.000]					08.96-	111685	12	1.4	
Croma 1.6	[154A.048]	12.85- 06.90	110912	14	55	12.85- 06.90	111645	12	0.4	
		12.85- 06.90	111620	14	65 ▲	12.85- 02.89	112455	12	1.4	
		12.85- 06.90	113187	14	85					
Croma 1.8 16V	[939A4.000]	12.05-	114431	14	120	12.05-	114298	12	1.1	
Croma 1.9 Multijet	[939A1.000]	06.05-	113996	14	140	06.05-	113931	12	1.7	
		06.05-	114204	14	120					
	[939A2.000]	06.05-	113996	14	140	06.05-	113430	12	1.8	
		06.05-	114204	14	120					
	[939A7.000]	06.05-	113955	14	105 A47	06.05-	113931	12	1.7	
		06.05-	113996	14	140					
		06.05-	114801	14	105 A46					
	[939A8.000]	12.05-	113955	14	105 A47	12.05-	113931	12	1.7	
12.05-		114493	14	100						
12.05-		114801	14	105 A46						
Croma 1.9 TD	[154C6.000]	03.88- 10.92	111620	14	65	11.92- 12.96	112537	12	2.2	
		05.89- 10.92	113187	14	85					
		11.92	111860#	14	90					
		AC 03.88- 10.92	112771	14	90					
Croma 1.9 TDDi	[154D1.000]	03.88- 12.96	111620	14	65	11.92- 12.96	112537	12	2.2	
		AC 11.92- 12.96	112771	14	90	11.92- 12.96	111645	12	0.4	
Croma 2.0 2000 CHT	[154A1.000]	12.85- 01.87	110912	14	55	12.85- 02.89	112455	12	1.4	
		12.85- 02.89	111620	14	65					
		12.85- 02.89	113187	14	85					
	[154C5.000]	01.91- 09.92	111620	14	65	01.91- 09.92	112455	12	1.4	
Croma 2.0 16V	[154E1.000]	08.92-	111860#	14	90	08.92-	112455	12	1.4	
Croma 2.0 i.e. 2000	[154C3.000]	03.87- 09.92	111860#	14	90	03.87- 09.92	112455	12	1.4	
		03.87- 09.90	113187	14	85					
	[154C3.046]	10.87- 08.96	111620	14	65	AT 10.87- 12.91	112455	12	1.4	
		10.87- 09.90	113187	14	85					
		AC 10.87- 07.90	112453	14	85					
		AC 07.90- 08.96	111860#	14	90					
	[834B.000]	03.87- 09.92	111620	14	65	12.85- 06.90	111645	12	0.4	
		03.87- 09.90	113187	14	85	AT 03.87- 09.90	112455	12	1.4	
	[834B.048]	AC 03.87- 09.92	112453	14	85					
		03.86- 09.90	111620	14	65	AT 03.86- 09.90	112455	12	1.4	
		03.86- 09.90	113187	14	85					
		AC 03.86- 09.90	112453	14	85					
[834B.146]	10.87- 09.90	113187	14	85						
	11.92- 08.96	111620	14	65						
	AC 11.92- 08.96	111860#	14	90						
Croma 2.0 i.e. Turbo	[834C.146]	11.86- 09.90	111620	14	65					
	AC 11.86- 07.90	112453	14	85						
Croma 2.0 i.e. Turbo 2000	[154A2.000]	12.85- 09.90	111620	14	65	AT 12.85- 06.90	112455	12	1.4	
		12.85- 09.90	112453	14	85					
		AC 12.85- 06.90	112453	14	85					
	[154C4.046]	10.90- 08.96	111620	14	65	10.90- 11.91	112455	12	1.4	
		AC 10.90- 08.96	111860#	14	90					
[834C.146]	06.87- 09.90	111620	14	65	AT 06.87- 09.90	112455	12	1.4		
	AC 06.87- 07.90	112453	14	85						
	AC 07.90- 09.90	111860#	14	90						
Croma 2.5 Diesel	[8144.67]	12.85- 12.89	111686	14	65					
		12.85- 12.89	112453	14	85					
		AC 12.85- 12.89	112453	14	85					
Croma 2.5 TD	[8144.97S]	12.91- 08.96	111686	14	65	12.91- 08.96	112541	12	2.2	
		AC 12.91- 08.96	112453	14	85					
Croma 2.5 TD 2500	[8144.91.2000]	12.85- 08.89	111686	14	65					
		12.85- 12.96	112453	14	85					
		AC 12.85- 08.89	112453	14	85					
	[8144.97]	12.85- 12.96	112453	14	85					
		03.89- 06.90	111860#	14	90					
		05.89- 08.96	111686	14	65					
	AC 05.89- 08.96	111860#	14	90						
	[8144.97Y]	03.89- 06.90	111860#	14	90					
Doblo 1.2 i.e. 8V	[223A5.000]	03.01-	111411	14	75	03.01-	114123	12	0.8	
		04.02-	114899	14	70					
		PS 03.01-	113537	14	65					
		AC 03.01-	111505	14	75					
Doblo 1.2 JTD 16V	[188A9.000]	09.05- 12.06	113722	14	90	09.05- 12.06	113719	12	1.3	
		09.05- 12.06	114451	14	105					
Doblo 1.2 Multijet	[199A3.000]	02.10-	113721	14	75	02.10-	113719	12	1.3	
		A18 02.10-	113722	14	90					
	[263A2.000]	02.10-	112721	14	60	02.10-	113719	12	1.3	
	A18 02.10-	113722	14	90						
Doblo 1.3 16V JTD Cargo	[223A9.000]	AC 08.06-	114451	14	105					
Doblo 1.3 JTD 16V	[188A9.000]	05.04-	113721	14	75	05.04-	113719	12	1.3	
		05.04-	113722	14	90					
		AC 05.04-	114451	14	105					
Doblo 1.3 Multijet	[199A2.000]	10.05-	113722	14	90	10.05-	113719	12	1.3	
		AC 10.05-	114451	14	105					
	[199A3.000]	02.10-	113721	14	75	02.10-	115400	12	1.4	
		AC 02.10-	113722	14	90					
	[223A9.000]	10.05-	113722	14	90	10.05-	113719	12	1.3	
	AC 10.05-	114451	14	105						
Doblo 1.4	[198A4.000]	10.11-	114806	14	120	A25 10.11-	115312	12	1.1	
						10.11-	113962	12	0.9	
	[350A1.000]	10.05-	114462	14	70	10.05-	113962	12	0.9	



	[843A1.000]	02.10- 04.10- 04.10-	114462 113535 114706	14 70 14 85 14 120		02.10- A25 02.10-	113962 115312	12 0.9 12 1.1
Doblo 1.4 Cargo	[843A1.000]	02.10-	114462	14 70		02.10- A25 02.10-	113962 115312	12 0.9 12 1.1
Doblo 1.4 Cargo Natural Power	[198A4.000]	06.10-	114806	14 120		A25 06.10-	115312	12 1.1
Doblo 1.4 Natural Power	[198A4.000]	02.10-	114806	14 120		A25 02.10-	115312	12 1.1
Doblo 1.6	[182B6.000]					09.02- 09.02-	112445 114035	12 1.1 12 1.3
Doblo 1.6 i.e. 16V	[182B6.000]	10.01-	112190	14 90		10.01- 10.01-	112445 114035	12 1.1 12 1.3
Doblo 1.6 16V Multijet	[263A4.000]	02.10-	114493	14 100		A25 02.10-	115399	12 1.4
Doblo 1.6 16V Multijet Cargo	[182B6.000]	02.10-	114493	14 100		A25 02.10-	115399	12 1.4
Doblo 1.6 Multijet	[198A3.000]	02.10-	114493	14 100		02.10- A25 02.10-	113931 115399	12 1.7 12 1.4
	[263A3.000]	02.10-	114493	14 100		02.10- A25 02.10-	113931 115399	12 1.7 12 1.4
	[263A4.000]	02.10-	114493	14 100		A25 02.10-	115399	12 1.4
Doblo 1.6 Multijet Cargo	[263A3.000]	02.11-	114493	14 100		02.11- A25 02.11-	113931 115399	12 1.7 12 1.4
	[263A4.000]	02.10-	114493	14 100		02.10- A25 02.10-	113931 115399	12 1.7 12 1.4
Doblo 1.9 Diesel	[223A6.000]	03.01- 03.01-	113338 113943	14 65 14 100 A47		03.01- 03.01-	114321 112379	12 2.0 BO 12 1.8 MA
Doblo 1.9 JTD	[182B9.000]	10.01-	113943	14 100 A47		10.01- 10.01-	113931 113430	12 1.7 12 1.8
	[223A7.000]	07.03-	113943	14 100 A47		07.03- 10.01- 01.02	113931 113430	12 1.7 12 1.8
	[223B1.000]	07.03-	113943	14 100 A47		07.03- 10.01- 01.02	113931 113430	12 1.7 12 1.8
	[223B2.000]	10.01-	113943	14 100 A47		10.01-	113931	12 1.7
Doblo 1.9 Multijet	[186A9.000]	10.05-	113943	14 100 A47		10.05-	113931	12 1.7
Doblo 2.0 Multijet	[263A1.000]	02.10-	114493	14 100				
Ducato 1.8	[169B]					01.82- 12.90	110793	12 0.9
	[169B (XM7T)]					01.82- 12.90	111066	12 1.05
Ducato 1.9 Diesel	[149B1.000]	01.88- 03.94	110912	14 55		07.82- 12.88	111066	12 1.05
	[230A2.000]	03.94- 04.02	111802	14 75		01.88- 03.94	111421	12 2.2
	[D9B]					03.94- 04.02	111421	12 2.2
	[DJY]	04.98- 04.98-	112230 112298	14 80 14 80		04.98- 04.02	111070	12 1.7 12 1.7
Ducato 1.9 Diesel Combinato	[230A2.000]	06.95-	111802	14 75		06.95-	111421	12 2.2
Ducato 1.9 Diesel Panorama	[149B1.000]	02.87- 08.90 02.87- 03.94 02.87- 08.90 07.90- 03.94	110890 110912 111686 111418	14 55 14 55 14 65 14 60		02.87- 03.94	111421	12 2.2
Ducato 1.9 TD	[230A3.000]	03.94-	111802	14 75		03.94-	111421	12 2.2
	[230A4.000]	08.94-	111802	14 75		08.94-	111421	12 2.2
	[280A1.000]	03.89- 03.94 03.89- 03.94 03.89- 03.94 03.89- 03.94 01.90- 01.94	110890 110912 111418 111686 113187	14 55 14 55 14 60 14 65 14 85		03.89- 03.94	111421	12 2.2
	[DHX (XUD9TF/L)]	04.98- 04.98- 04.98-	111723 112230 112298	14 70 14 80 14 80		04.98- 04.98- 04.02	111070 114460	12 1.7 12 1.4
Ducato 1.9 TD Panorama	[280A1.000]	03.89- 03.94 03.89- 08.90 03.89- 03.94 01.90- 03.94 07.90- 03.94	110890 110912 111686 113187 111418	14 55 14 55 14 65 14 85 14 60		03.89- 03.94	111421	12 2.2
Ducato 2.0	[170B]					07.85- 02.94	111066	12 1.05
	[170D]					08.88- 03.94	111066	12 1.05
	[RFL]	04.02- 07.06 04.02- 04.02- 07.06	112298 112299 112772	14 80 14 95 14 120		04.02- 07.06 04.02- 07.06	111130 113443	12 1.1 12 1.4
	[RFW (XU10J2U)]	03.94- 03.94- AC 03.94- 04.02 AC 06.98-	112298 112299 112772 112299	14 80 14 95 14 120 14 95		A13 03.94- 04.02 03.94- 03.95	113443 111130	12 1.4 12 1.1
	[XN1T]					01.82- 02.94	111066	12 1.05
Ducato 2.0 Panorama	[170B]					01.86- 08.90	111066	12 1.05
	[170D]					09.88- 02.94	111066	12 1.05
	[XN1T]					07.82- 05.85	111066	12 1.05
Ducato 2.0 BioPower Bipower	[RFL]	04.02-	112772	14 120		04.02- 04.02-	111130 113443	12 1.1 12 1.4
Ducato 2.0 JTD	[RHV (DW10)]	07.01- 04.02 07.01- 04.02	112480 113503	14 90 14 120		07.01- 04.02	114460	12 1.4
	[RHV (DW10UTD)]	10.01- 10.01- 10.01- 04.02 10.01- 04.02 10.01- 04.02 04.02- AC 10.01- AC 10.01- 04.02	112461 112480 113640 113946 114798 112460 113503 113640	14 150 A47 14 90 14 150 14 90 14 150 A46 14 150 14 120 14 150		10.01- 04.02 04.02-	114460 111070	12 1.4 12 1.7
Ducato 2.0 Multijet 115	[250A1.000]	06.11-	114493	14 100				
Ducato 2.2 Multijet	[4HV]	07.06- 07.06-	113958 115499	14 150 14 150 A49		07.06- 07.06-	113959 115510	12 2.0 12 2.0 A49

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

FIAT *Continued*

Ducato 2.3 JTD	[F1AE0481C]	04.02-	113279	14 110		04.02- 04.02- 01.05-	112436 113935 115501	12 2.3 12 2.5 12 2.5 A49	
Ducato 2.3 Multijet	[F1AE0481D]	03.06- 07.06-	113279 114306*	14 110 14 180	M38 Transmission type	07.06- 03.06- 03.06-	114833 114054 115516	12 1.7 12 2.5 12 2.5 A49	
	[F1AE0481N]	01.07-	114306*	14 180	M38 Transmission type	01.07- 01.07-	114054 115516	12 2.5 12 2.5 A49	
	[F1AE3481D]	01.07- 01.07-	113279 114306*	14 110 14 180		01.07- 01.07-	115516 114054	12 2.5 A49 12 2.5	
	[F1AE3481G]					10.11- 10.11- 10.11-	114054 114833 115516	12 2.5 12 1.7 12 2.5 A49	
	[F1AE3481E]	06.11-	114306*	14 180		06.11- 06.11- 06.11-	114054 114833 115516	12 2.5 12 1.7 12 2.5 A49	
Ducato 2.3 Multijet 150	[F1AE3481E]	06.11-	114306*	14 180		06.11- 06.11- 06.11-	114054 114833 115516	12 2.5 12 1.7 12 2.5 A49	
Ducato 2.4 Diesel	[8144.61]	01.82- 12.85	110882	14 45		01.82- 12.85	110812	12 2.0	
		01.82- 12.85	110890	14 55					
		01.82- 12.85	111686	14 65					
Ducato 2.4 Diesel Panorama	[8144.61]	07.82- 12.85	110882	14 45		07.82- 12.85	110812	12 2.0	
		07.82- 12.85	110890	14 55					
		07.82- 12.85	111686	14 65					
Ducato 2.5 Diesel	[8140.67]	03.94-	111498	14 110		03.94- 04.02	113451	12 2.2	
		03.94- 04.02	112681	14 80					
		Eng. -2976897 03.94-	111498	14 110					
		Eng. -2976897 03.94-	112681	14 80					
		AC 03.94- 12.99	111498	14 110					
		[8144.67]	01.86- 08.90	110882	14 45		01.86- 03.94	110812	12 2.0
		[8144.67]	01.86- 03.94	110890	14 55		07.82- 08.90	113846	12 2.2
[CRD93L]	01.86- 03.94	111686	14 65		01.82- 08.90	110812	12 2.0		
Ducato 2.5 Diesel 4x4	[8140.67]	Eng. -2976897 03.94- Eng. -2976897 03.94-	111498 112681	14 110 14 80	Chas. -5546596	03.94- 04.02 03.94- 04.02	112026 113451	12 2.6 12 2.2	
[8144.67]	03.89- 08.90	110890	14 55		03.89- 03.94	110812	12 2.0		
	03.89- 03.94	111418	14 60		03.89- 03.94	113846	12 2.2		
	03.89- 08.90	111686	14 65						
Ducato 2.5 Diesel Panorama	[8144.67]	01.86- 03.94	110890	14 55		01.86- 03.94	110812	12 2.0	
		01.86- 03.94	111686	14 65					
[CRD93L]					01.86- 08.90	110812	12 2.0		
Ducato 2.5 Diesel Panorama 4x4	[8144.67]	01.87- 03.94 01.87- 03.94	110890 111686	14 55 14 65		01.87- 03.94	110812	12 2.0	
Ducato 2.5 TD	[8140.27]	07.90- 03.94	110890	14 55		07.90- 03.94	113846	12 2.2	
		07.90- 03.94	111686	14 65					
[8144.21]	01.86- 08.90	110882	14 45		01.86- 08.90	113846	12 2.2		
	01.86- 08.90	110890	14 55						
	01.86- 08.90	111686	14 65						
Ducato 2.5 TD 4x4	[8140.27]	07.90- 03.94	110890	14 55		07.90- 03.94	113846	12 2.2	
		07.90- 03.94	111418	14 60					
		07.90- 03.94	111686	14 65					
Ducato 2.5 TD Panorama	[8140.27]	08.90- 03.94	110890	14 55		08.90- 03.94	113846	12 2.2	
		08.90- 03.94	111686	14 65					
[8144.21]	01.87- 08.90	110890	14 55		01.87- 08.90	113846	12 2.2		
Ducato 2.5 TD Panorama 4x4	[8140.27]	01.91- 03.94	110890	14 55		01.91- 03.94	113846	12 2.2	
		01.91- 03.94	111686	14 65					
[8144.21]	01.86- 08.90	110890	14 55		01.86- 08.90	113846	12 2.2		
Ducato 2.5 TDi	[8140.47]	Eng. -2976897 03.94-	111498	14 110		03.00- 04.02	112436	12 2.3	
		Eng. -2976897 03.94-	112681	14 80		03.94-	113451	12 2.2	
		[8140.47R]	03.94- 04.02	112681	14 80	03.94- 04.02	113451	12 2.2	
		Eng. -2976897 03.94- 04.02	111498	14 110					
		Eng. -2976897 03.94- 04.02	112681	14 80					
AC 03.94- 12.99	111498	14 110							
Ducato 2.5 TDi 4x4	[8140.47]	Eng. -2976897 03.94- 04.02 Eng. -2976897 03.94- 04.02	111498 112681	14 110 14 80	Chas. -5546596	03.00- 04.02 03.94- 04.02	112026 113451	12 2.6 12 2.2	
Ducato 2.5 TDi Maxi	[8140.47]	Eng. -2976897 03.94- Eng. -2976897 03.94-	111498 112681	14 110 14 80		03.94-	113451	12 2.2	
Ducato 2.8 Diesel	[8140.63]	Eng. -2976897 02.98- Eng. -2976897 02.98-	111498 112681	14 110 14 80		02.98- 02.98-	112436 112026	12 2.3 12 2.6	
Ducato 2.8 Diesel 4x4	[8140.63]	08.98- 08.98-	111498 112681	14 110 14 80		08.98-	112436	12 2.3	
Ducato 2.8 JTD	[8140.43N]	05.04-	113247	14 120		05.04-	112436	12 2.3	
		05.04-	113950	14 90					
		05.04-	114680	14 150					
	[8140.43S]	11.00- 11.00- 04.02 11.00- 04.02	113247 113950 114680	14 120 14 90 14 150		11.00- 04.02- 01.05-	112436 113935 115501	12 2.3 12 2.5 12 2.5 A49	
Ducato 2.8 JTD 4x4	[8140.43S]	11.00- 04.02 11.00- 04.02 11.00- 04.02	113247 113950 114680	14 120 14 90 14 150		11.00- 04.02 07.02- 01.05- 10.01- 04.02	112436 113935 115501 112026	12 2.3 12 2.5 12 2.5 A49 12 2.6	
Ducato 2.8 TDi	[8140.43]	10.97- 03.00	113451	12 2.2		10.97- 03.00	113451	12 2.2	
		10.97- 03.02	112436	12 2.3		10.97- 03.02	112026	12 2.6	
Ducato 2.8 TDi 4x4	[8140.43]	07.99- 07.99-	111498 112681	14 110 14 80		07.99- 07.99- 03.02	112026 112436	12 2.6 12 2.3	
		Eng. -2976897 10.97- Eng. -2976897 10.97-	111498 112681	14 110 14 80					
		07.99- 07.99-	111498 112681	14 110 14 80					



Ducato 3.0 140 Natural Power M90	[F1CE0441A]	04.09-04.09-	114705 115490	14 140 14 140 A49	04.09-	115516	12 2.5	A49
Ducato 3.0 Diesel 140 Natural Power	[F1CE0441A]	04.09-04.09-	114705 115490	14 140 14 140 A49	04.09-	115516	12 2.5	A49
Ducato 3.0 JTD 160 Multijet Power	[F1CE0481D]	07.06-07.06-	114705 115490	14 140 14 140 A49	07.06-	115516	12 2.5	A49
Ducato 3.0 JTD Multijet Power	[F1CE0481D]	07.06-07.06-	114705 115490	14 140 14 140 A49	07.06-	115516	12 2.5	A49
Ducato 3.0 Multijet	[F1CE3481E]				06.11-	115516	12 2.5	A49
Ducato 3.0 Multijet 150	[F1CE3481N]	04.10-04.10-	114705 115490	14 140 14 140 A49	04.10-	115516 114054	12 2.5 12 2.5	A49
Ducato 3.0 Multijet 160	[F1CE3481M]	07.06-07.06-	114705 115490	14 140 14 140 A49	07.06-07.06-	114054 115516	12 2.5 12 2.5	A49
Ducato 3.0 Natural Power	[F1CE0441A]	04.09-04.09-	114705 115490	14 140 14 140 A49	04.09-04.09-	114054 115516	12 2.5 12 2.5	A49
					04.09-	114075	12	
Duna 1.1	[146A6.000]	01.87-12.91	111035	14 65				
Duna 1.3	[146A5.000]	01.87-12.91	111035	14 65				
Duna 1.7 Diesel DS	[149B3.000]	01.86-12.91	110912	14 55	01.87-12.91	111619	12 1.7	
Elba 1.3		04.86-12.93	111035	14 65				
Elba 1.3 Diesel	[127A5.000]	04.86-10.92	111035	14 65				
Elba 1.5	[146A3.011]				04.86-10.92	112289	12 0.8	
	[146B8.011]				01.92-12.96	112289	12 0.8	
	[149C3.000]	01.92-12.96	111035	14 65	01.92-12.96	112289	12 0.8	
Elba 1.6	[159A3.000]	04.89-12.93	113472	14 65	04.89-12.93	112289	12 0.8	
		01.94-12.96	113472	14 65	01.94-12.96	112289	12 0.8	
Elba 1.7 Diesel	[146B2.000]	04.89-12.96	112719	14 55				
Fiorino 0.9	[100GL.000]	10.77-10.81	111078	14 45	10.77-03.81	110365	12 0.8	
Fiorino 1.0	[127A.000]	01.78-12.87	110612#	14 43				
		01.78-12.87	111035	14 65				
	Eng. 1366252-	10.82-10.87	111035	14 65				
Fiorino 1.05	[127A.000]	02.78-12.87	110612#	14 43				
		01.80-12.87	111180	14 33				
Fiorino 1.1	[146A9.000]	Eng. 3319637-	11.86-12.93	111035	14 65			
Fiorino 1.3	[146A5.000]	09.93-12.01	111035	14 65				
		Eng. 3319637-	12.87-08.93	111035	14 65			
		Chas. 3319637-	01.88-08.93	111035	14 65			
		01.07-	113575	14 80				
Fiorino 1.3 Diesel	[127A5.000]				03.82-12.88	111118	12 0.9	
Fiorino 1.3 Multijet	[199A2.000]	02.08-	113722	14 90				
	[199B1.000]				A25 10.09-	115400	12 1.4	
		01.07-	113722	14 90				
Fiorino 1.3 Multijet QUBO	[199A2.000]	09.08-	113722	14 90				
Fiorino 1.4	[146C5.000]	09.93-06.95	113472	14 65	10.89-	112289	12 0.8	
	[146D5.000]	06.95-12.01	113472	14 65	02.98-12.98	112289	12 0.8	
Fiorino 1.4 Natural Power	[350A1.000]				01.10-	113962	12 0.9	
Fiorino 1.5	[149C1.000]	01.88-08.93	111035	14 65	01.88-08.93	112289	12 0.8	
		01.88-08.93	111148	14 65				
Fiorino 1.5 i.e.	[149C1.000]	05.88-12.93	111035	14 65	05.88-12.93	112289	12 0.8	
		05.88-12.93	111148	14 65				
Fiorino 1.6	[146C6.000]	10.93-12.96	113472	14 65	10.93-12.96	112289	12 0.8	
	[146D6.000]	06.95-	113472	14 65	06.95-	112289	12 0.8	
Fiorino 1.7 Diesel	[146B2.000]	05.88-12.97	112719	14 55	05.88-12.97	111619	12 1.7	
					09.93-12.01	113752	12 1.8	
	[149B2.000]	01.88-	112719	14 55	01.88-10.91	111619	12 1.7	
	[149B3.000]	12.87-12.91	110912	14 55	12.87-10.91	111619	12 1.7	
		12.87-12.93	112719	14 55				
Fiorino 1.7 TD	[146D7.000]	01.97-	110912	14 55	01.97-05.01	111619	12 1.7	
		01.97-05.01	111568	14 85	01.97-05.01	113752	12 1.8	
		01.97-05.01	112719	14 55				
Grande Punto 1.2	[169A4.000]	09.10-	114462	14 70				
	[199A.4000]	10.05-	113718	14 70	10.05-	113962	12 0.9	
		10.05-	114462	14 70				
Grande Punto 1.2 Multijet	[199A2.000]				04.08-	113719	12 1.3	
	[199B2.000]	07.08-	114451	14 105	07.08-	113719	12 1.3	
Grande Punto 1.3 Multijet	[199A2.000]	10.05-	113720	14 75	10.05-	113719	12 1.3	
		10.05-	113721	14 75				
		10.05-	113722	14 90				
		10.05-	114451	14 105				
	[199A3.000]	10.05-	113720	14 75	10.05-	113719	12 1.3	
		10.05-	113721	14 75				
		10.05-	113722	14 90				
		10.05-	114451	14 105				
	[199B4.000]				04.10-	115400	12 1.4	
Grande Punto 1.4	[350A1.000]	10.05-	113718	14 70	10.05-	113962	12 0.9	
		10.05-	114462	14 70				
Grande Punto 1.4 Abarth	[199A8.000]	12.07-	114806	14 120	12.07-	113962	12 0.9	
	[955A8.000]	12.07-	114806	14 120	12.07-	113962	12 0.9	
Grande Punto 1.4 16V	[198A1.000]	09.07-	114806	14 120	09.07-	113962	12 0.9	
	[199A6.000]	10.05-	114462	14 70				
	[955A6.000]				A25 10.09-	115312	12 1.1	
					10.09-	113962	12 0.9	
Grande Punto 1.4 T-Jet	[198A4.000]	09.07-	114462	14 70	09.07-	113962	12 0.9	
		09.07-	114806	14 120				
Grande Punto 1.4 Natural Power	[350A1.000]	07.08-	114462	14 70				
Grande Punto 1.4 LPG	[350A1.000]	12.08-03.09-	114462 113718	14 70 14 70	12.08-	113962	12 0.9	
Grande Punto 1.6 Multijet	[955A3.000]	07.08-07.08-	113996 114493	14 140 14 100	07.08-	113931	12 1.7	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

FIAT *Continued*

Grande Punto 1.9 Multijet	[199A5.000]	10.05-	114204	14 120	10.05-	113430	12 1.8
					10.05-	113931	12 1.7
	[939A1.000]	10.05-	114204	14 120	10.05-	113430	12 1.8
					10.05-	113931	12 1.7
	[939A7.000]	06.06-	114493	14 100	06.06-	113931	12 1.7
Idea 1.2 16V	[188A5.000]	AC 01.04-	113535	14 85	01.04-	113962	12 0.9
Idea 1.2 Multijet	[199B1.000]	05.08-	113722	14 90	05.08-	113719	12 1.3
Idea 1.3 JTD	[188A9.000]	01.04-	113721	14 75	01.04-	113719	12 1.3
		01.04-	113722	14 90			
		AC 01.04-	114451	14 105			
Idea 1.3 Multijet	[199A3.000]	10.05-	113721	14 75	10.05-	113719	12 1.3
		10.05-	113722	14 90			
		AC 10.05-	114451	14 105			
Idea 1.4	[192B2.000]	12.03-	114462	14 70	12.03-	113962	12 0.9
	[350A1.000]	10.05-	113718	14 70	10.05-	113962	12 0.9
Idea 1.4 16V	[843A1.000]	10.05-	114462	14 70	01.04-	113962	12 0.9
		10.05-	114462	14 70			
		AC 01.04-	113535	14 85			
Idea 1.4 LPG	[350A1.000]	03.09-	114462	14 70			
Idea 1.6 Multijet	[350A2.000]	05.08-	114493	14 100	05.08-	113931	12 1.7
Idea 1.9 JTD	[188B2.000]	01.04-	113336	14 120	01.04-	113931	12 1.7
		01.04-	113943	14 100 A47			
Linea 1.3 Multijet	[199A3.000]	06.07-	113721	14 75	06.07-	113843	12 1.1
		06.07-	113722	14 90			
		AC 06.07-	114451	14 105			
Linea 1.4	[350A1.000]	06.07-	114462	14 70	06.07-	113962	12 0.9
Linea 1.4 T-Jet	[198A4.000]	09.07-	114806	14 120	09.07-	113962	12 0.9
Linea 1.6 Multijet	[198A3.000]	06.09-	113996	14 140	06.09-	113931	12 1.7
		06.09-	114493	14 100			
Marea 1.2 16V	[182B2.000]	10.98-	113684	14 90	10.98-	111422	12 0.8
Marea 1.4 i 16V	[182A3.000]	09.96-	111413	14 90	09.96-	111420	12 0.9
Marea 1.6 16V	[185A3.000]	04.97- 02.99	111688#	14 85			
		04.97- 02.99	111689	14 65			
Marea 1.6 16V Bipower	[185A3.000]				11.99- 09.02	112445	12 1.1
		AC 04.99-	112190	14 90	04.99-	112124	12 0.9
					04.99-	112445	12 1.1
Marea 1.6 i 16V	[182A4.000]	09.96- 02.99	111689	14 65	AT 09.96-	112445	12 1.1
		03.99-	112190	14 90	09.96-	112124	12 0.9
		AC 09.96- 02.99	111688#	14 85			
		AC 03.99-	112190	14 90			
Marea 1.8 i 16V	[182A2.000]	09.96- 12.02	113667#	14 90	09.96-	111685	12 1.4
		09.96-	113939	14 100			
Marea 1.9 JTD	[182B4.000]	04.99-	111409	14 100	04.99-	113430	12 1.8
		04.99- 01.01	113942	14 100			
		04.99- 01.01	113943	14 100 A47			
	[186A6.000]	01.01-	111409	14 100	01.01-	113430	12 1.8
		01.01-	113942	14 100			
		01.01-	113943	14 100 A47			
	AC 01.01-	113336	14 120				
Marea 1.9 TD	[182A7.000]	09.96-	113939	14 100	09.96-	113430	12 1.8
	[182A8.000]	09.96-	113939	14 100	09.96-	113430	12 1.8
Marea 1.9 TDi	[182A7.000]	09.96-	113939	14 100	09.96-	113430	12 1.8
Marea 2.0 20V	[182A1.000]				09.96-	111685	12 1.4
	[182B7.000]				04.99-	111685	12 1.4
	[185A8.000]				01.01-	111685	12 1.4
Marea 2.0 i 20V	[182A1.000]				09.96-	111685	12 1.4
	[182B7.000]				04.99-	111685	12 1.4
Marea 2.4 JTD	[185A6.000]				03.99-	113430	12 1.8
	[839A5.000]				03.99-	113430	12 1.8
Marea 2.4 TD	[185A2.000]	09.96- 04.99	113942	14 100			
		AC 09.96-	111409	14 100			
Marengo 1.9 Diesel	[160A7.000]	02.90- 12.96	112771	14 90	10.91- 12.96	112125#	12 2.2
		01.93- 12.96	113187	14 85			
Marengo 1.9 JTD	[182B4.000]				03.99- 09.02	113430	12 1.8
	[186A6.000]	08.00- 09.02	113943	14 100 A47	08.00- 09.02	113430	12 1.8
		AC 08.00- 09.02	113336	14 120			
Marengo 1.9 TD	[160A6.000]	02.90- 12.96	112771	14 90	02.90- 12.96	112125#	12 2.2
	[182A7.000]				01.97- 02.99	113430	12 1.8
	[182A8.000]	03.99- 09.02	113667#	14 90	03.99- 09.02	113430	12 1.8
Multipla 1.6 16V	[182A4.000]	04.99-	112190	14 90	04.99-	112445	12 1.1
		AC 04.99-	112190	14 90			
Multipla 1.6 16V Bipower	[186A4.000]	04.99-	112190	14 90	04.99-	112445	12 1.1
		AC 04.99-	112190	14 90			
Multipla 1.6 16V Bipower	[182B6.000]	10.01-	112190	14 90	10.01-	112445	12 1.1
		AC 10.01-	112190	14 90			
Multipla 1.6 16V Blupower	[182B6.000]	04.02- 12.10	112190	14 90	04.02-	112445	12 1.1
	[186A3.000]	04.99-	112190	14 90	04.99-	112445	12 1.1
		AC 04.99-	112190	14 90			
Multipla 1.9 JTD	[182B4.000]	04.99-	111409	14 100	04.99-	113430	12 1.8
		04.99-	113942	14 100			
		04.99-	113943	14 100 A47			
	[186A6.000]	03.01-	111409	14 100	03.01-	113430	12 1.8
		03.01- 07.02	113942	14 100			
		03.01- 07.02	113943	14 100 A47			
		AC 03.01-	113336	14 120			
[186A8.000]	07.02-	113943	14 100 A47	07.02-	113430	12 1.8	
[186A9.000]	04.02-	113943	14 100 A47	04.02-	113931	12 1.7	





Palio 1.0	[178A1.000]	04.96-	111416	14 65	▲	04.96-	111025	12 0.8	
		ACPS 04.96-	111416	14 65		04.96-	114123	12 0.8	
Palio 1.2	[178B5.000]	04.96- 02.01	111411	14 75	▲	04.96- 02.01	114123	12 0.8	
		04.96-	111416	14 65	▲	11.99- 09.01	112382	12 0.8	
		09.97- 09.01	114899	14 70					
		PS 04.96-	111416	14 65					
		PS 04.96- 02.01	113537	14 65					
		ACPS 04.96- 02.01	111505	14 75					
[178E2.000]		AC 04.96-	111568	14 85					
		01.97- 12.02	111411	14 75		06.98-	112382	12 0.8	
		06.99- 10.02	113684	14 90		06.98- 10.02	114123	12 0.8	
		PS 01.97- 12.02	113537	14 65					
[188A4.000]		ACPS 01.97- 12.02	111505	14 75					
		PS 02.01- 09.01	113537	14 65		02.01- 09.01	112382	12 0.8	
Palio 1.2 Flexfuel	[188A4.000]	AC 02.01- 09.01	111505	14 75					
Palio 1.2 LPG	[188A4.000]	07.97- 08.02	113718	14 70					
Palio 1.4	[178B2.000]	07.97- 08.02	113718	14 70					
		04.96-	111689	14 65	▲	04.96- 05.99	112124	12 0.9	
[178B2.016]		04.96-	111689	14 65	▲	04.96- 05.99	112124	12 0.9	
Palio 1.5	[178A5.011]	04.96- 06.98	111416	14 65	▲				
Palio 1.6 16V	[178B3.000]	04.96-	111689	14 65		04.96-	112124	12 0.9	
		04.96-	112190	14 90		04.96-	112455	12 1.4	
		AC 11.99-	112190	14 90					
		02.01-	111689	14 65		02.01-	112445	12 1.1	
[182B6.000]		AC 02.01-	112190	14 90					
Palio 1.7 TD	[176A3.000]	04.96-	111416	14 65		04.96- 03.01	111619	12 1.7	
[176A3.000]		AC 04.96-	111568	14 85					
Palio 1.9 Diesel	[223A6.000]	03.01-	113338	14 65		03.01-	112379	12 1.8 MA	
						03.01-	114321	12 2.0 BO	
Panda 0.7	[141AE]	01.82-	110882	14 45					
Panda 0.7 650	[141A.000]	01.82-	110882	14 45					
Panda 0.8	[141B.000]	01.86- 07.92	111078	14 45		01.86- 01.95	110365	12 0.8	
		01.86- 01.95	111621	14 55		01.86- 01.95	111025	12 0.8	
		01.86- 12.92	111036	14 45		01.86- 12.92	111025	12 0.8	
		01.95- 12.97	111621	14 55					
		[156A4.048]	01.95- 12.97	111621	14 55		01.95- 12.97	111025	12 0.8
		[M020BS..]	02.81- 12.85	111078	14 45		02.81- 12.85	110365	12 0.8
Panda 0.9	[100GL.3000]	09.82- 12.85	111078	14 45		09.82- 12.85	110365	12 0.8	
		[1170A1.046]	04.92- 10.96	111078	14 45	04.92- 09.03	111585	12 0.8	
			10.96- 09.03	111687	14 55				
		[146A.000]				09.86-	110365	12 0.8	
Panda 1.0	[156A.3000]	01.85- 12.92	113533	14 65		09.86- 12.92	111025	12 0.8	
		07.90- 12.92	111621	14 55					
		07.90- 12.92	113471	14 65					
		[156A2.100]	03.89- 06.90	111036	14 45	01.86- 04.92	111025	12 0.8	
			07.90- 04.92	111621	14 55				
		[156A3.100]	03.89- 06.90	111036	14 45	01.86- 02.92	111025	12 0.8	
[A112B1.054]	09.82- 08.83	111078	14 45	09.82- 08.83	110365	12 0.8			
Panda 1.0 4x4	[156A2.100]	03.89- 06.90	111036	14 45		01.86- 06.90	111025	12 0.8	
		[156A3.000]	07.90- 12.92	111621	14 55	01.86- 12.92	111025	12 0.8	
		[156A3.100]	03.89- 06.90	111036	14 45	01.86- 06.90	111025	12 0.8	
		[A112B1.054]	09.83- 12.85	111078	14 45	09.83- 12.85	110365	12 0.8	
Panda 1.0 i.e.	[141C2.000]	10.87- 08.98	113533	14 65		01.95- 03.97	111025	12 0.8	
		01.95- 09.03	111621	14 55		10.87- 08.98	114123	12 0.8	
		01.95- 09.03	113471	14 65	▲				
		[156A2.246]	10.87- 02.04	113533	14 65	10.87- 03.97	111025	12 0.8	
			07.90- 03.97	111036	14 45				
			07.90- 03.97	111621	14 55				
Panda 1.0 i.e. 4x4	[141C2.000]	07.90- 03.97	113471	14 65	▲				
		01.95- 09.03	113471	14 65		05.86- 12.94	111025	12 0.8	
						05.86- 12.94	114123	12 0.8	
		[156A2.246]	07.90- 05.91	111621	14 55	10.87- 05.91	111025	12 0.8	
[176B2.000]		02.95-	111621	14 55		02.95-	111025	12 0.8	
		02.95-	113471	14 65	▲	02.95- 07.04	114123	12 0.8	
		02.95- 07.04	113533	14 65					
Panda 1.1	[187A.1000]	09.03-	111411	14 75		09.03-	113962	12 0.9	
		Eng. -2533528 09.03-	114899	14 70					
		Eng. 2533528- 09.03-	114462	14 70					
		AC 09.03-	113718	14 70					
		[187A1.000]	09.04-	113535	14 85		09.04-	114123	12 0.8
			09.04-	114462	14 70		09.04-	113962	12 0.9
Panda 1.1 4x4 trekking	[156C.046]	09.04-	114899	14 70					
		10.91-	111621	14 55		10.91- 09.97	111025	12 0.8	
		10.91-	113471	14 65	▲	10.91- 07.04	114123	12 0.8	
		10.91- 07.04	113533	14 65					
Panda 1.1 Selecta	[156C.046]	05.91- 12.99	113533	14 65		03.92- 09.97	111025	12 0.8	
		03.92- 03.97	111621	14 55		05.91- 12.99	114123	12 0.8	
		01.95- 09.03	113471	14 65	▲				
		[176B2.000]	02.95-	111621	14 55		AT 02.95-	111025	12 0.8
			02.95-	113471	14 65	▲	02.95- 09.03	114123	12 0.8
			02.95- 09.03	113533	14 65				
[187A1.000]	02.95- 09.03	113533	14 65		02.95- 09.03	114123	12 0.8		
Panda 1.2	[169A4.000]	09.10-	113535	14 85		09.10-	113962	12 0.9	
		02.12-	114706	14 120					
		[188A.4000]	09.03-	111411	14 75		09.03-	113962	12 0.9
		Eng. -2533528 09.03-	114899	14 70					
	Eng. 2533528- 09.03-	114462	14 70						
	AC 09.03-	113718	14 70						

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





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	[188A4.000]	09.04- AC 09.04- AC 09.04-	114899 113535 113718	14 70 14 85 14 70	09.04-	113962	12 0.9
Panda 1.2 4x4	[188A4.000]	10.04- Eng. -2533528 10.04- Eng. 2533528- 10.04- AC 10.04- AC 10.04-	111411 114899 114462 113535 113718	14 75 14 70 14 70 14 85 14 70	10.04-	113962	12 0.9
Panda 1.2 LPG	[169A4.000]	06.12- 06.12-	113535 113718	14 85 14 70			
Panda 1.2 X	[188A4.000]	09.04- AC 09.04- AC 09.04-	114899 113535 113718	14 70 14 85 14 70	09.04-	113962	12 0.9
Panda 1.2 Natural Power	[169A4.000]	03.10-	113535	14 85	03.10-	113962	12 0.9
Panda 1.2 LPG	[169A4.000]	09.10-	113535	14 85	09.10-	113962	12 0.9
Panda 1.2 Bi-Power	[188A4.000]	01.07-	114462	14 70	01.07-	113962	12 0.9
Panda 1.2 Multijet	[169A1.000]	06.06-	113722	14 90			
Panda 1.3 Diesel	[156A5.000]				04.86- 12.92	111117#	12 1.1
Panda 1.3 JTD	[169A1.000]	06.06-	113722	14 90			
	[188A9.000]	09.03- 09.03-	113721 113722	14 75 14 90	09.03-	113719	12 1.3
Panda 1.3 JTD 4x4	[188A9.000]	10.04- 10.04-	113721 113722	14 75 14 90	10.04-	113719	12 1.3
Panda 1.3 Multijet	[199A9.000]				02.12-	115400	12 1.4
Panda 1.3 Multijet 4x4	[169A1.000]	01.06- 01.06-	113721 113722	14 75 14 90	01.06-	113719	12 1.3
	[199A9.000]				06.12-	115400	12 1.4
Panda 1.4	[169A3.000]				10.06-	113962	12 0.9
Panda 1.4 BiFuel Natural Power	[350A1.000]	01.10-	113718	14 70	01.10-	113962	12 0.9
Panda 1.4 Diesel Bi-Power / Natural Power	[350A1.000]	01.07-	113718	14 70			
Penny Van 1.1	[146A6.000]	01.86- 12.90	111035	14 65	01.86- 12.90	111118	12 0.9
Penny Van 1.3	[146A5.000]	01.86- 12.90	111035	14 65	01.86- 12.90	111118	12 0.9
Penny Van 1.7 Diesel	[149B3.000]	01.86- 12.90	110912	14 55	01.86- 12.90	111619	12 1.7
Premio 1.3	[127A.011]				03.85- 06.92	111118	12 0.9
Punto 1.1	[176B2.000]	04.96- PS 04.96- ACPS 04.96-	111411 113537 111505	14 75 14 65 14 75	04.96-	111422	12 0.8
Punto 1.1 i.e.	[176A6.000]	01.94- PS 01.94- ACPS 01.94-	111411 113537 111505	14 75 14 65 14 75	01.94-	111422	12 0.8
	[176B2.000]	01.95- PS 01.95- ACPS 01.95-	111411 113537 111505	14 75 14 65 14 75	01.95-	111422	12 0.8
Punto 1.2	[169A4.000]	03.12- 03.12-	113535 114706	14 85 14 120	03.12- A25 03.12-	113962 115312	12 0.9 12 1.1
	[176A7.000]	01.94- PS 01.94- ACPS 01.94-	111411 113537 111505	14 75 14 65 14 75	01.94- 07.99-	111422 112382	12 0.8 12 0.8
	[176A8.000]	01.94- PS 01.94- ACPS 01.94-	111411 113537 111505	14 75 14 65 14 75	07.99- 11.93-	112382 111422	12 0.8 12 0.8
	[176B1.000]	03.94- PS 03.94- ACPS 03.94-	111411 113537 111505	14 75 14 65 14 75	03.94-	111422	12 0.8
	[176B4.000]	05.95- PS 05.95- ACPS 05.95-	111411 113537 111505	14 75 14 65 14 75	05.95-	111422	12 0.8
	[188A4.000]	04.02- 09.99- 04.02 09.99- AC 09.99-	114899 111411 113718 113535	14 70 14 75 14 70 14 85	09.99- 09.99-	111422 112382	12 0.8 12 0.8
Punto 1.2 16V	[176B9.000]	04.97- 06.00 04.97- 09.99	111411 113684	14 75 14 90	04.97-	111422	12 0.8
	[188A5.000]	09.99- AC 09.99-	113718 113535	14 70 14 85	09.99-	112382	12 0.8
Punto 1.2 BiFuel	[188A4.000]	08.07-	113718	14 70	08.07-	112382	12 0.8
Punto 1.2 Multijet	[199A3.000]	01.10- 02.12	113722	14 90	01.10- 02.12	113719	12 1.3
Punto 1.2 Natural Power	[188A4.000]	09.03- 09.03- AC 09.03-	113718 114899 113535	14 70 14 70 14 85	09.03- 02.05	112382	12 0.8
Punto 1.3 JTD	[188A9.000]	06.03- 06.03- 06.03- 10.05 AC 06.03- 10.05	113720 113721 113722 114451	14 75 14 75 14 90 14 105	06.03-	113719	12 1.3
Punto 1.3 Multijet	[199A2.000]	03.12- 03.12- 03.12-	113721 113722 114451	14 75 14 90 14 105			
	[199A9.000]	03.12- 03.12- 03.12-	113721 113722 114451	14 75 14 90 14 105	03.12-	113719	12 1.3
	[199B1.000]				03.12-	115400	12 1.4
	[199B4.000]				03.12-	115400	12 1.4
Punto 1.4	[199A7.000]	03.12- 03.12-	113718 114706	14 70 14 120	03.12- A25 03.12-	113962 115312	12 0.9 12 1.1
	[350A1.000]	03.12- 03.12-	113718 114706	14 70 14 120	A25 03.12- 03.12-	115312 113962	12 1.1 12 0.9
	[843A1.000]	09.03-	113718	14 70	09.03-	113962	12 0.9
Punto 1.4 Multi Air	[955A6.000]				A25 03.12- 03.12-	115312 113962	12 1.1 12 0.9



Punto 1.4 Turbo	[955A2.000]	03.12-	114806	14	120	A25 03.12- 03.12-	115312 113962	12	1.1 0.9
Punto 1.4 Turbo GT	[176A4.000]	AC 01.94-	112780	14	90	01.94-	112124	12	0.9
	[176B6.000]	09.96- 09.99	111411	14	75	09.96-	112124	12	0.9
Punto 1.4 BiFuel	[350A1.000]	03.12-	113535	14	85	03.12-	115312 113962	12	1.1 0.9
		03.12-	113535	14	85	03.12-	113962	12	0.9
Punto 1.4 BiFuel Natural Power	[350A1.000]	03.12-	113535	14	85	03.12-	113962	12	0.9
Punto 1.7 Diesel	[176B3.000]	01.93-	111416	14	65	04.94- 02.00	111619	12	1.7
		01.93-	111416	14	65	08.93- 09.97	113752	12	1.8
Punto 1.7 TD	[176A3.000]	01.94-	111416	14	65	08.93- 04.97	113752	12	1.8
		AC 01.94-	111568	14	85	01.94-	111619	12	1.7
	[176A5.000]	01.94-	111416	14	65	01.94- 02.00	111619	12	1.7
	[176B7.000]	AC 01.94-	111568	14	85	08.93- 08.99	113752	12	1.8
Punto 1.8 HGT	[183A1.000]	09.99-	111409	14	100	09.96- 09.99	113752	12	1.8
		09.99-	113942	14	100	09.96- 09.99	111619	12	1.7
	[188A6.000]	09.99-	113942	14	100	09.99-	111685	12	1.4
Punto 1.9 Diesel	[188A3.000]	02.00-	113943	14	100 A47	09.99-	114321	12	2.0 BO
		09.99-	111413	14	90	09.99-	112379	12	1.8 MA
		09.99-	113336	14	120				
		09.99-	113939	14	100				
Punto 1.9 JTD	[188A2.000]	09.99-	111409	14	100	09.99-	113430	12	1.8
		09.99-	113942	14	100				
	[188A7.000]	02.00-	113943	14	100 A47	Eng. -0413488 06.01-	113430	12	1.8
	[188B2.000]	06.03-	113943	14	100 A47	06.03-	113931	12	1.7
Punto Evo 1.2	[199A.4000]	10.09-	113718	14	70	10.09-	113962	12	0.9
		10.09-	114462	14	70	A25 10.09-	115312	12	1.1
	[199A4.000]	10.09-	114462	14	70	10.09-	113962	12	0.9
Punto Evo 1.2 Multijet	[199B2.000]	07.08-	114451	14	105	07.08-	113719	12	1.3
Punto Evo 1.3 16V Multijet	[223A9.000]					A25 10.09-	115400	12	1.4
Punto Evo 1.3 Multijet	[199A2.000]	10.09-	113722	14	90	A25 10.09-	115400	12	1.4
		10.09-	114451	14	105				
	[199A2.000, 199A9.000]	03.09-	113721	14	75	A25 03.09-	115400	12	1.4
		03.09-	113722	14	90	03.09-	113719	12	1.3
	[199A3.000]	03.09-	114451	14	105				
		10.09-	113721	14	75	10.09-	113719	12	1.3
	[199A9.000]	10.09-	113722	14	90				
		10.09-	114451	14	105	A25 10.09-	115400	12	1.4
[199B1.000]					A25 03.09- 10.09-	115400 115400	12	1.4 1.4	
Punto Evo 1.4	[199A7.000]	07.09-	114462	14	70	A25 07.09-	115312	12	1.1
	[350A1.000]	03.09-	114462	14	70	03.09-	113962	12	0.9
Punto Evo 1.4 Abarth	[199A8.000]	07.08- 02.12	114806	14	120	A25 03.09-	115312	12	1.1
	[955A8.000]	10.09-	114806	14	120	07.08- 02.12	115312	12	1.1
Punto Evo 1.4 16V	[955A2.000]					A25 10.09-	115312	12	1.1
						10.09-	113962	12	0.9
	[955A6.000]	10.09-	114806	14	120	10.09-	113962	12	0.9
					A25 10.09-	115312	12	1.1	
Punto Evo 1.4 Natural Power	[350A1.000]	10.09-	114462	14	70				
Punto Evo 1.4 LPG	[350A1.000]	06.09-	114462	14	70				
Punto Evo 1.6 Multijet	[955A3.000]	10.09-	114493	14	100	A25 10.09-	115399	12	1.4
Punto Evo Van 1.3 Multijet	[199B4.000]					03.12-	115400	12	1.4
Punto Evo Van 1.4 BiFuel Natural Power	[350A1.000]	03.09-	114462	14	70				
Punto Van 1.4 LPG	[350A1.000]	03.09-	113535	14	85				
		03.09-	113718	14	70				
		03.09-	114706	14	120				
Qubo 1.3 Multijet	[199B1.000]					A25 07.10-	115400	12	1.4
Qubo 1.4 Natural Power	[350A1.000]					01.10-	113962	12	0.9
Regata 1.3	[138B2.000]	09.83- 07.86	111035	14	65	09.83- 12.87	110338	12	0.8
		09.83- 07.86	111148	14	65				
Regata 1.3 ES	[149A3.000]	09.83- 07.89	111035	14	65	09.83- 07.89	112289	12	0.8
		09.83- 07.89	111148	14	65	09.83- 07.89	110338	12	0.8
	[149A7.000]	09.83- 07.89	111035	14	65	09.83- 07.89	112289	12	0.8
		09.83- 07.89	111148	14	65	09.83- 07.89	110338	12	0.8
Regata 1.5	[138B3.000]	09.83- 08.88	111035	14	65	09.83- 04.85	112289	12	0.8
		09.83- 08.88	111148	14	65				
	[138C2.048]	12.86- 07.89	111148	14	65	12.86- 07.89	112289	12	0.8
	[149A5.000]	09.83- 08.88	111035	14	65	05.85- 12.87	112289	12	0.8
Regata 1.5 Super	[138B3.000]	09.83- 08.88	111035	14	65	09.83- 04.85	112289	12	0.8
		09.83- 08.88	111148	14	65				
Regata 1.5 i.e.	[138B3.048]	04.85- 07.89	111035	14	65	04.85- 07.89	112289	12	0.8
		04.85- 07.89	111148	14	65				
	[138C2.048]	07.85- 04.87	111035	14	65	07.85- 04.87	112289	12	0.8
		07.85- 04.87	111148	14	65				
	[138C3.048]	09.83- 03.85	111035	14	65	09.83- 03.85	112289	12	0.8
		09.83- 03.85	111148	14	65				
[149C1.000]	05.87- 06.90	111035	14	65	05.87- 06.90	112289	12	0.8	
Regata 1.6	[149A.000]	10.83- 06.91	111035	14	65	10.83- 06.91	112289	12	0.8
		10.83- 06.91	111148	14	65				
	[149A2.000]	10.83- 05.89	110912	14	55	10.83- 11.84	111106	12	1.0
		AC 10.83- 11.84	111620	14	65				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



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	[149A4.000]	12.84- 05.86	110912	14 55		09.84- 12.86	112289	12 0.8
Regata 1.6 i.e.	[149C2.000]	01.87- 07.89	110912	14 55				
Regata 1.7 Diesel	[138B6.000]	09.83- 04.85	110912	14 55				
	[149B3.000]	01.84- 12.89	110912	14 55		01.84- 12.89	111619	12 1.7
Regata 1.9 Diesel	[149A1.000]	04.84- 07.89	110912	14 55		04.84- 07.89	111645	12 0.4
		04.84- 07.89	111620	14 65				
Regata 1.9 TD	[831D1.000]	04.84- 07.89	111654	14 65		05.86- 07.89	110814	12 2.7
						05.86- 07.89	111645	12 0.4
						11.88- 07.89	112125#	12 2.2
Ritmo 1.0	[127A6.000]	09.78- 09.82	111035	14 65				
		01.79- 09.82	110612#	14 43				
Ritmo 1.1	[138B.000]	02.83- 10.85	110612#	14 43		02.83- 10.85	110338	12 0.8
		02.83- 10.85	111035	14 65				
	[138B1.000]	02.83- 10.85	110612#	14 43		02.83- 10.85	110338	12 0.8
		02.83- 10.85	111035	14 65				
	[146A4.048]	04.85- 12.87	111035	14 65		04.85- 12.87	110338	12 0.8
Ritmo 1.3	[138A1.000]	01.78- 09.82	110612#	14 43		01.78- 09.82	110338	12 0.8
	[138A3.000]	01.81- 09.82	110612#	14 43		01.81- 09.82	112289	12 0.8
		01.81- 09.82	111035	14 65				
		01.81- 09.82	111148	14 65				
	[138B2.000]	01.83- 04.85	110612#	14 43		01.83- 04.85	110338	12 0.8
	[149A3.000]	11.83- 08.85	111035	14 65		11.83- 08.85	110338	12 0.8
	[149A7.000]	11.83- 08.85	111035	14 65		11.83- 08.85	110338	12 0.8
Ritmo 1.3 Bertone	[138B2.000]	10.85- 12.87	111035	14 65		10.85- 12.87	110338	12 0.8
Ritmo 1.5	[138A2.000]	09.85- 12.88	111148	14 65		09.85- 12.87	110338	12 0.8
						01.78- 10.82	112289	12 0.8
	[138A4.000]	01.81- 09.82	110612#	14 43		01.81- 09.82	112289	12 0.8
	[138B3.000]	01.83- 12.87	110612#	14 43		01.83- 12.87	112289	12 0.8
		01.83- 12.87	111035	14 65				
		01.83- 12.87	111148	14 65				
	[138C2.048]	09.85- 12.88	110612#	14 43		09.85- 12.88	110338	12 0.8
		09.85- 12.88	111035	14 65		09.85- 12.88	112289	12 0.8
		09.85- 12.88	111148	14 65				
	[138C3.048]					01.78- 10.82	112289	12 0.8
	[149A5.000]	08.85- 05.87	111035	14 65		08.85- 05.87	112289	12 0.8
		08.85- 05.87	111148	14 65				
	[149C1.000]	05.87- 12.88	110612#	14 43		05.87- 12.88	110338	12 0.8
		05.87- 12.88	111035	14 65		05.87- 12.88	112289	12 0.8
		05.87- 12.88	111148	14 65				
Ritmo 1.5 Bertone	[138A4.000]	01.80- 07.89	110612#	14 43		01.80- 07.89	112289	12 0.8
		01.80- 07.89	111035	14 65				
		01.80- 07.89	111148	14 65				
	[138B3.000]	01.80- 07.89	110612#	14 43		01.80- 07.89	112289	12 0.8
		01.80- 07.89	111035	14 65				
		01.80- 07.89	111148	14 65				
Ritmo 1.5 i.e.	[138AR.000]	09.86- 11.86	110912	14 55		05.87- 12.87	112289	12 0.8
						09.86- 11.86	111106	12 1.0
	[138C2.048]	10.85- 10.87	110612#	14 43		10.85- 10.87	112289	12 0.8
		10.85- 10.87	111035	14 65				
		10.85- 10.87	111148	14 65				
	[149C1.000]	05.87- 12.88	110612#	14 43		05.87- 12.88	112289	12 0.8
		05.87- 12.88	111035	14 65				
		05.87- 12.88	111148	14 65				
Ritmo 1.6	[138AR.000]	01.83- 12.87	110912	14 55		01.83- 04.85	111106	12 1.0
		AC 01.83- 12.87	111620	14 65				
	[149A4.000]					01.83- 12.87	111106	12 1.0
Ritmo 1.6 Bertone	[138AR.000]					10.85- 12.87	112289	12 0.8
	[138AR.048]					10.85- 12.87	112289	12 0.8
Ritmo 1.6 Sport	[138AR.000]	05.81- 12.82	110912	14 55		05.81- 12.82	111106	12 1.0
Ritmo 1.7 Diesel	[138A5.000]	10.79- 09.82	110912	14 55				
	[138B6.000]	01.83- 10.85	110912	14 55				
	[138C.000]	05.85- 12.87	110912	14 55		09.87- 12.87	111619	12 1.7
	[149B3.000]	05.85- 12.87	110912	14 55		09.87- 12.87	111619	12 1.7
Ritmo 1.9 TD	[831D1.000]	12.85- 12.87	111654	14 65		12.85- 12.87	111645	12 0.4
Ritmo 2.0 TC Abarth	[138AR1.000]	09.80- 09.88	110912	14 55		09.80- 09.88	111106	12 1.0
	[138AR2.000]	04.83- 12.87	111620	14 65		04.83- 12.87	111106	12 1.0
Scudo 1.6	[220A2.000]	AC 02.96-	111568	14 85		02.96-	112124	12 0.9
Scudo 1.6 Multijet	[9HU]	01.07-	113640	14 150		01.07-	113254	12 1.1
Scudo 1.9 Diesel	[D9B]	02.96-	112292	14 70		02.96-	111070	12 1.7
		PS 02.96-	111893	14 70		02.96- 04.98	114460	12 1.4
		ACPS 10.95- 05.00	113485	14 80				
	[WJZ (DW8)]	04.98-	112058	14 70		04.98-	111070	12 1.7
		04.98-	112480	14 90		04.98-	114460	12 1.4
		06.98- 08.01	113603	14 80				
Scudo 1.9 Diesel Combinato	[WJZ (DW8)]	04.98-	112058	14 70		04.98-	114460	12 1.4
		04.98-	112480	14 90		04.98-	111070	12 1.7
		06.98- 08.01	113603	14 80				
Scudo 1.9 TD	[D8B]	02.95-	112292	14 70		02.96-	114460	12 1.4
		PS 02.95-	111893	14 70		02.96-	111070	12 1.7
		ACPS 10.95- 05.00	113485	14 80				
	[DHX (XUD9TF/L)]	02.96-	112292	14 70		02.96-	111070	12 1.7
		PS 02.96-	111893	14 70		02.96-	114460	12 1.4
		ACPS 02.96-	113485	14 80				
Scudo 1.9 TD Eco	[DHX (XUD9TF/L)]	02.95-	112292	14 70		02.96-	114460	12 1.4
		PS 02.95-	111893	14 70		02.95-	111070	12 1.7
		ACPS 02.95-	113485	14 80				
Scudo 2.0	[RFN]	05.00-	113503	14 120				
		06.04-	112460	14 150				
		06.04-	112480	14 90				



Scudo 2.0 16V Combinato	[RFN (EW10J4)]	06.00-	112460	14	150					
		06.00-	112480	14	90					
		06.00-	113503	14	120					
		06.04- 01.07	113603	14	80					
Scudo 2.0 Multijet	[RFH (EW10A)]	03.07-	113640	14	150	03.07-	113926	12	1.9	
Scudo 2.0 Multijet 4x4	[RFH (EW10A)]	03.07-	113640	14	150	03.07-	113926	12	1.9	
Scudo 2.0 Diesel	[DW10BTED4]	01.07-	113640	14	150	01.07-	113926	12	1.9	
Scudo 2.0 JTD	[RHX (DW10BTED)]	12.99-	112480	14	90	12.99-	111070	12	1.7	
		AC 12.99-	112460	14	150					
Scudo 2.0 JTD Combinato	[RHZ]	06.04-	112460	14	150	12.02-	111070	12	1.7	
						12.02-	114460	12	1.4	
						01.04-	111070	12	1.7	
Scudo 2.0 JTD Combinato	[RHX]					12.99-	111070	12	1.7	
		[RHZ (DW10ATED)]	12.99-	112480	14	90				
Scudo 2.0 Multijet	[RH02]	04.11-	113640	14	150	04.11-	113926	12	1.9	
		[RHK]	01.07-	113640	14	150	01.07-	113926	12	1.9
		[RHK (DW10UTED4)]	01.07-	113640	14	150	01.07-	113926	12	1.9
		[RHR (DW10BTED4)]	01.07-	113640	14	150	01.07-	113926	12	1.9
Scudo 2.0 Multijet 4x4	[RH02]	04.11-	113640	14	150	04.11-	113926	12	1.9	
		[RHK]	01.07-	113640	14	150	01.07-	113926	12	1.9
Sedici 1.9 Multijet	[D19AA]	06.06-	113996	14	140	06.06-	113430	12	1.8	
Seicento 0.9	[1170A1.046]	01.98-	111687	14	55	01.98-	111585	12	0.8	
Seicento 1.1	[176B2.000]	01.98-	111411	14	75	01.98-	111422	12	0.8	
		01.98-	113471	14	65	01.98-	114123	12	0.8	
		01.98-	113533	14	65					
		AC 01.98-	114899	14	70					
Seicento 1.1	[187A1.000]	01.98-	111411	14	75	01.98-	112382	12	0.8	
		01.98-	113533	14	65	01.98-	111422	12	0.8	
		AC 04.02-	114899	14	70	01.98-	114123	12	0.8	
Siena 1.2	[178B5.000]	09.98-	111411	14	75	09.98-	114123	12	0.8	
		09.98-	111689	14	65	05.99-	111422	12	0.8	
Siena 1.2	[188A5.000]					09.01-	114123	12	0.8	
						04.96-	112124	12	0.9	
Siena 1.4	[178B2.000]					04.96-	112124	12	0.9	
		[178B2.016]				04.96-	112124	12	0.9	
Siena 1.4	[350A1.000]	01.07-	114462	14	70	01.07-	113962	12	0.9	
Siena 1.6 16V	[178B3.000]	08.97-	112190	14	90	09.98-	112124	12	0.9	
		09.98-	111411	14	75					
		09.98-	111689	14	65					
		AC 11.99-	112190	14	90					
Stilo 1.2 16V	[188A5.000]	AC 04.03-	113535	14	85	02.02-	113962	12	0.9	
Stilo 1.4 16V	[192B2.000]	03.05-	113535	14	85	03.05-	113962	12	0.9	
		03.05-	114462	14	70					
Stilo 1.4 16V	[843A1.000]	01.04-	114462	14	70	01.04-	113962	12	0.9	
Stilo 1.6 16V	[182B6.000]	AC 10.01-	112190	14	90	10.01-	114035	12	1.3	
						10.01-	112445	12	1.1	
Stilo 1.8 16V	[192A4.000]	AC 10.01-	113336	14	120	10.01-	111685	12	1.4	
Stilo 1.9 Diesel	[192B5.000]	09.04-	113943	14	100 A47	09.04-	113931	12	1.7	
Stilo 1.9 JTD	[192A1.000]	10.01-	113943	14	100 A47	10.01-	113931	12	1.7	
		10.01-	113987	14	140	10.01-	113430	12	1.8	
		01.03-	113336	14	120					
		AC 10.01-	113336	14	120					
Stilo 1.9 JTD	[192A3.000]					10.01-	113430	12	1.8	
		02.02-	113943	14	100 A47	02.02-	113931	12	1.7	
		AC 02.02-	113336	14	120					
		[192A5.000]	01.04-	114204	14	120	01.04-	113430	12	1.8
		[192B1.000]	04.04-	113943	14	100 A47				
		[192B5.000]	09.04-	113943	14	100 A47	09.04-	113931	12	1.7
		[937A4.000]	09.03-	114204	14	120				
Stilo 1.9 JTD	[937A7.000]	10.01-	113943	14	100 A47	01.03-	113430	12	1.8	
		10.01-	113987	14	140	01.03-	113931	12	1.7	
Stilo 1.9 Multijet	[192A8.000]	09.05-	113943	14	100 A47	09.05-	113430	12	1.8	
		[192A9.000]	09.05-	113943	14	100 A47	Chas. -0100367 09.05-	113430	12	1.8
						09.05-	113931	12	1.7	
Stilo 1.9 Multijet	[937A5.000]	09.05-	114204	14	120	09.05-	113430	12	1.8	
Stilo 2.4 20V	[192A2.000]	AC 10.01-	113336	14	120	10.01-	111685	12	1.4	
Stilo Multi Wagon 1.6 16V	[192B3.000]					03.05- 12.07	111123	12	0.9	
						03.05- 12.07	113276	12	1.1	
Strada 1.2	[178B5.000]	05.02-	111411	14	75	06.99-	114123	12	0.8	
		06.99- 03.05	114899	14	70					
		ACPS 06.99-	111505	14	75					
Strada 1.2	[188A4.000]	04.03-	113684	14	90					
		04.03-	113718	14	70					
Strada 1.3 Multijet	[223A9.000]	05.06-	113721	14	75	05.06-	114123	12	0.8	
		05.06-	113722	14	90					
		AC 05.06-	114451	14	105					
Strada 1.7 TD	[176A3.000]	06.99-	111416	14	65	06.99-	111619	12	1.7	
		AC 03.99-	111568	14	85	07.05-	113752	12	1.8	
Strada 1.9 Diesel	[223A6.000]	11.00- 03.03	111413	14	90	12.00-	114321	12	2.0 BO	
		11.00-	113338	14	65	11.00- 03.03	112379	12	1.8 MA	
		12.00-	113943	14	100 A47					
Strada 1.9 JTD	[188A2.000]	04.03-	113338	14	65	04.03-	113430	12	1.8	
Talento 1.9 Diesel	[149B1.000]	03.88- 03.94	110912	14	55	03.89- 03.94	111421	12	2.2	
Talento 2.0	[170B]					03.89- 03.94	111066	12	1.05	
Tempra 1.4 i.e.	[159A2.000]	02.90- 12.96	111035	14	65	02.90- 12.96	112289	12	0.8	
		02.90- 12.96	111148	14	65					
		AC 02.90- 12.96	112780	14	90					
		[160A1.046]	02.90- 08.96	113472	14	65	03.92- 08.96	111228	12	1.1
Tempra 1.4 i.e.	[160A1.046]	ACPS 03.92- 08.96	112780	14	90					
		AC 03.92- 08.96	112780	14	90					

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



FIAT *Continued*

	[836A4.000]	03.95- 08.96 ACPS 03.95- 08.96 AC 03.95- 08.96	113472 112780 112780	14 65 14 90 14 90		03.95- 08.96	111228	12 1.1	
Tempra 1.6	[159A3.000]	02.90- 04.93 ACPS 02.90- 04.93 AC 02.90- 04.93	111035 112780 112780	14 65 14 90 14 90		02.90- 04.93	111228	12 1.1	
Tempra 1.6 i.e.	[159A3.046]	06.90- 08.96 ACPS 06.90- 08.96 AC 06.90- 07.92	113472 112780 112780	14 65 14 90 14 90		06.90- 07.92	111228	12 1.1	
	[159A3.048]	06.92- 08.96 ACPS 06.92- 08.96 AC 06.92- 08.96	113472 112780 112780	14 65 14 90 14 90		06.92- 03.93	111228	12 1.1	
	[159B9.000]	Eng. -9606886 05.94- 12.96 AC 05.94- 12.96	113472 112780	14 65 14 90		05.94- 12.96	112124	12 0.9	
	[835C1.000]	04.93- 08.96 ACPS 04.93- 08.96 AC 04.93- 08.96	113472 112780 112780	14 65 14 90 14 90		04.93- 12.94	111228	12 1.1	
Tempra 1.8 i.e.	[159A4.000]	03.90- 08.96 06.90- 07.91 AC 03.93- 08.96 AC 03.93- 08.96	111620 113187 111860# 112540#	14 65 14 85 14 90 14 100		03.90- 08.96	110854	12 1.4	
	[159A4.046]	02.90- 12.96 06.90- 12.96 AC 03.93- 08.96 AC 04.93- 08.96	111620 111860# 112540# 111860#	14 65 14 90 14 100 14 90		10.91- 12.96	110854	12 1.4	
	[835C2.000]	09.93- 08.96 AC 09.93- 08.96 AC 09.93- 08.96	111620 111860# 112540#	14 65 14 90 14 100		09.93- 08.96	110854	12 1.4	
	[835C4.000]	09.93- 08.96 AC 09.93- 08.96 AC 09.93- 08.96	111620 111860# 112540#	14 65 14 90 14 100		09.93- 08.96	110854	12 1.4	
	[836A5.000]	10.94- 08.96 AC 10.94- 08.96 AC 10.94- 08.96	111620 111860# 112540#	14 65 14 90 14 100		10.94- 08.96	110854	12 1.4	
	Tempra 1.9 Diesel	[160A7.000]	07.91- 01.96 AC 04.93- 12.96	113187 112771	14 85 14 90				
	Tempra 1.9 TD	[160A6.000]	02.90- 12.96 05.90- 01.96 AC 02.90- 12.96	111654 113187 112771	14 65 14 85 14 90		02.90- 12.96	112125#	12 2.2
		[160A7.000]	07.91- 01.96 AC 07.91- 08.96	113187 112771	14 85 14 90				
		[160B6.046]	07.90- 08.96 03.92- 01.96 AC 07.90- 08.96	111654 113187 112771	14 65 14 85 14 90		07.90- 08.96	112125#	12 2.2
		[160D1.000]	05.90- 01.96 04.93- 12.96 AC 04.93- 12.96	113187 111654 112771	14 85 14 65 14 90		04.93- 12.96	112125#	12 2.2
Tempra 2.0 i.e.	[159A6.046]	02.90- 12.96 AC 02.93- 12.96 AC 03.93- 12.96	111620 112540# 111860#	14 65 14 100 14 90		10.90- 12.96	110854	12 1.4	
Tempra 2.0 i.e. 4x4	[159A6.046]	03.92- 03.95 AC 03.93- 03.95 AC 03.93- 03.95	111620 111860# 112540#	14 65 14 90 14 100		03.92- 03.95	110854	12 1.4	
Tipo 1.1 Digit	[160A3.000]	07.87- 03.93 07.87- 03.93	111036 111621	14 45 14 55		07.87- 03.93	111025	12 0.8	
Tipo 1.4 Selecta	[160A1.000]	07.87- 12.89 07.87- 12.89 07.87- 12.89 AC 07.87- 12.89	110612# 111035 111148 112780	14 43 14 65 14 65 14 90		07.87- 12.89	111228	12 1.1	
	[160A1.048]	03.89- 11.90 03.89- 11.90 03.89- 11.90 AC 03.89- 11.90	110612# 111035 111148 112780	14 43 14 65 14 65 14 90		03.89- 11.90	111228	12 1.1	
Tipo 1.4 i.e.	[159A2.000]	05.89- 03.93 05.89- 03.93 AC 05.89- 02.90	111035 113472 112780	14 65 14 65 14 90		05.89- 04.95	111228	12 1.1	
	[160A1.046]	05.89- 03.93 05.89- 03.93 05.89- 04.95 AC 05.89- 03.93	111035 111148 113472 112780	14 65 14 65 14 65 14 90		05.89- 04.95	111228	12 1.1	
	[836A4.000]	03.93- 10.95 AC 03.93- 10.95	113472 112780	14 65 14 90		03.93- 10.95	111228	12 1.1	
Tipo 1.6 Digit	[160A2.000]	07.87- 10.95 07.87- 10.95 ACPS 01.88- 10.95 AC 01.88- 10.95	110612# 111035 112780 112780	14 43 14 65 14 90 14 90		01.88- 10.95	111228	12 1.1	
Tipo 1.6 i.e.	[149C2.046]	02.88- 06.90 02.88- 01.90 02.88- 06.90	111620 111860# 113187	14 65 14 90 14 85		02.88- 06.90	112124	12 0.9	
	[159A3.046]	03.90- 03.93 03.90- 03.93 ACPS 03.90- 03.93 AC 03.90- 03.93	111148 113472 112780 112780	14 65 14 65 14 90 14 90		03.90- 03.93	111228	12 1.1	
	[159A3.048]	03.93- 10.95 AC 03.93- 10.95	113472 112780	14 65 14 90		03.93- 10.95	111228	12 1.1	
	[835C1.000]	03.93- 10.95 AC 03.93- 10.95	113472 112780	14 65 14 90		03.93- 10.95	111228	12 1.1	



Tipo 1.7 Diesel	[149B4.000]	07.87- 03.93	110912	14 55	07.87- 03.93	111619	12 1.7
		07.87- 03.93	112719	14 55			
		AC 07.87- 03.93	112771	14 90			
Tipo 1.8 i.e.	[159A4.000]	10.90- 06.93	111620	14 65	10.90- 04.95	110854	12 1.4
		10.94- 04.95	112540#	14 100			
	[835C2.000]	AC 03.93- 10.95	111860#	14 90	03.93- 10.95	110854	12 1.4
		AC 03.93- 10.95	112540#	14 100			
	[835C4.000]	09.93- 10.95	111620	14 65	09.93- 10.95	110854	12 1.4
		AC 12.94- 10.95	112540#	14 100			
	[836A5.000]	AC 03.93- 04.95	111860#	14 90			
Tipo 1.8 i.e. 16V	[160A5.000]	11.89- 06.92	111620	14 65	11.89- 06.92	110854	12 1.4
		11.89- 01.91	113187	14 85			
Tipo 1.8 i.e. GT	[159A4.046]	10.92- 06.93	111620	14 65	10.92- 06.93	110854	12 1.4
		AC 03.93- 10.95	111860#	14 90			
		AC 03.93- 10.95	112540#	14 100			
Tipo 1.9 Diesel	[160A7.000]	07.89- 10.95	111654	14 65	10.91- 10.95	112125#	12 2.2
		AC 07.89- 10.95	112771	14 90			
Tipo 1.9 TD	[160A6.000]	07.87- 04.95	111654	14 65	02.89- 04.95	112125#	12 2.2
		AC 07.87- 04.95	112771	14 90			
	[160A6.046]	07.87- 03.93	111654	14 65	02.89- 03.93	112125#	12 2.2
		AC 07.87- 03.93	112771	14 90			
	[160B6.046]	07.87- 10.95	111654	14 65	02.89- 10.95	112125#	12 2.2
		AC 07.87- 10.95	112771	14 90			
	[160D1.000]	03.93- 04.95	111654	14 65	03.93- 04.95	112125#	12 2.2
		AC 03.93- 04.95	112771	14 90			
Tipo 2.0 16V	[160A8.046]	03.90- 10.95	111620	14 65	12.90- 04.95	110854	12 1.4
		AC 12.90- 12.95	112540#	14 100	12.90- 03.93	111645	12 0.4
		AC 03.93- 04.95	111860#	14 90			
Tipo 2.0 i.e.	[159A5.046]	06.90- 03.92	111620	14 65	06.90- 03.92	110854	12 1.4
		AC 06.90- 03.92	112540#	14 100			
	[159A6.046]	03.90- 10.95	111620	14 65	03.90- 10.95	110854	12 1.4
		03.90- 10.95	111860#	14 90			
		AC 03.90- 10.95	111860#	14 90			
		AC 03.90- 10.95	112540#	14 100			
Tipo 2.0 i.e. 16V Sport	[836A3.000]	03.93- 10.95	111620	14 65	03.93- 10.95	110854	12 1.4
			10.95	111860#	14 90		
		AC 03.93- 10.95	111860#	14 90			
		AC 03.93- 10.95	112540#	14 100			
Ulysse 1.8	[LFW]	05.96-	112299	14 95	05.97-	113443	12 1.4
		AC 05.96-	112298	14 80	05.97-	111130	12 1.1
		AC 05.96-	112299	14 95			
		AC 05.96-	112772	14 120			
Ulysse 1.9 TD	[DHX (XUD9TF/L)]	10.94-	112688	14 95	02.95- 08.02	114460	12 1.4
		10.94-	112703	14 120	10.94-	111070	12 1.7
		10.94-	113485	14 80			
Ulysse 2.0	[RFN (EW10J4)]	08.02-	112460	14 150			
		08.02-	112461	14 150 A47			
		08.02-	112469	14 90			
		08.02-	113575	14 80			
		08.02-	113640	14 150			
		08.02-	113755	14 150			
		08.02-	114798	14 150 A46			
		[RFU (XU10J2C)]	10.94-	112298	14 80	10.94-	111070
		10.94-	112299	14 95	10.94-	111130	12 1.1
		AC 06.94- 05.00	112772	14 120	06.94- 05.00	113443	12 1.4
Ulysse 2.0 16V	[RFN (EW10J4)]	03.00-	112460	14 150			
		03.00-	112480	14 90			
	[RFV]	05.98-	111318	14 80	05.98-	111130	12 1.1
		05.98- 09.00	113604	14 95	05.98-	113443	12 1.4
Ulysse 2.0 Turbo	[RGX (XU10J2CTE)]	06.94- 08.02	113604	14 95	10.94-	111070	12 1.7
		10.94-	112298	14 80	10.94-	111130	12 1.1
		10.94-	112299	14 95	06.94- 08.02	113443	12 1.4
		03.97- 08.02	111318	14 80			
		AC 06.94- 02.97	112772	14 120			
Ulysse 2.0 JTD	[RHM (DW10ATED4)]	05.03-	113640	14 150	05.03-	111070	12 1.7
		08.02-	112461	14 150 A47	A13 08.02-	111070	12 1.7
	[RHW (DW10ATED4)]	08.02-	113640	14 150	08.02-	114460	12 1.4
		08.02-	114798	14 150 A46			
	[RHZ (DW10ATED)]	10.99-	112460	14 150	A13 10.99-	111070	12 1.7
				10.99- 08.02	114460	12 1.4	
Ulysse 2.0 JTD 16V	[RHW (DW10ATED4)]	05.99- 08.02	112460	14 150	05.99- 08.02	111070	12 1.7
		05.99- 08.02	113503	14 120			
Ulysse 2.0 Multijet	[RHK]	05.06-	113640	14 150	05.06-	114460	12 1.4
		[RHR]	05.06-	113640	14 150	05.06-	114460
Ulysse 2.1 TD	[P8C]	03.96-	112688	14 95	03.96-	111070	12 1.7
		03.96-	112703	14 120	03.96- 10.99	114460	12 1.4
		03.96-	113485	14 80			
Ulysse 2.2 JTD	[4HP]	03.08-	113640	14 150	03.08-	114854	12 2.5
		[4HR]	03.08-	113640	14 150	03.08-	114854
	[4HW (DW12ATED4)]	08.02-	112461	14 150 A47	A13 08.02-	111070	12 1.7
		08.02-	113640	14 150	08.02-	114460	12 1.4
		08.02-	114798	14 150 A46			
Ulysse 2.2 Multijet	[4HT]			03.08-	114854	12 2.5	
Uno 0.9	[146A.000]	02.88- 07.96	111078	14 45	02.88- 07.96	110365	12 0.8
Uno 0.9 ES	[146A.000]	03.83- 09.92	111078	14 45	03.83- 09.92	111585	12 0.8
					03.83- 09.92	110365	12 0.8
	[146A1.000]	03.83- 09.92	111078	14 45	03.83- 09.92	110365	12 0.8
					03.83- 09.92	111585	12 0.8

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

**FIAT** *Continued*

Uno 1.0	[156A2.048]	06.86- 05.91	111036	14 45	06.86- 05.91	111025	12 0.8
		06.86- 05.91	111621	14 55			
	[156A2.100]	06.86- 12.93	111036	14 45	06.86- 03.94	111025	12 0.8
		06.86- 03.94	111621	14 55			
		06.86- 12.93	111036	14 45	04.94- 01.95	111118	12 0.9
					06.86- 12.93	111025	12 0.8
Uno 1.0 i.e.	[156A2.246]	08.85- 09.92	111621	14 55	08.85- 09.92	111025	12 0.8
Uno 1.1	[138B.000]	01.83- 08.89	110612#	14 43	01.83- 08.89	110338	12 0.8
		01.83- 08.89	111035	14 65			
	[146A4.044]	01.86- 12.89	111621	14 55	01.86- 12.89	111025	12 0.8
	[146A4.048]	05.85- 08.89	110612#	14 43	05.85- 08.89	110338	12 0.8
		05.85- 02.92	111035	14 65	02.88- 02.92	112289	12 0.8
	[146A6.000]	02.88- 02.92	111035	14 65	02.88- 02.92	111117#	12 1.1
	[156C.046]	01.90- 12.93	111621	14 55	01.90- 10.92	111025	12 0.8
[160A3.000]	04.89- 12.92	111621	14 55	04.89- 12.92	111025	12 0.8	
Uno 1.1 i.e.	[146C3.000]	09.89- 03.94	111621	14 55	06.92- 10.92	111025	12 0.8
					06.92- 12.93	110814	12 2.7
Uno 1.3	[138B2.000]	01.83- 04.85	110612#	14 43	01.83- 04.85	110338	12 0.8
		01.83- 04.85	111035	14 65			
	[149A7.000]	05.85- 08.89	110612#	14 43	05.85- 08.89	110338	12 0.8
		05.85- 08.89	111035	14 65			
Uno 1.3 i.e. Turbo	[146A2.000]	04.85- 08.89	111148	14 65	04.85- 08.89	112289	12 0.8
	[146A2.146]	10.87- 08.89	111148	14 65	10.87- 08.89	112289	12 0.8
	[146A2.246]	09.89- 03.91	111148	14 65	09.89- 03.91	112289	12 0.8
					09.89- 03.91	110814	12 2.7
Uno 1.3 Diesel Super	[127A5.000]				06.83- 03.92	111117#	12 1.1
					09.89- 03.92	111619	12 1.7
	[146B1.000]				09.89- 03.92	111117#	12 1.1
					09.89- 03.92	111619	12 1.7
Uno 1.4 S	[160A1.048]	09.89- 10.92	110612#	14 43	09.89- 10.92	112289	12 0.8
		09.89- 10.92	111035	14 65			
		09.89- 10.92	111148	14 65			
Uno 1.4 i.e.	[146C1.000]	09.89- 12.93	111035	14 65	09.89- 12.93	111228	12 1.1
	[160A1.046]	09.89- 12.93	111035	14 65	09.89- 03.94	111228	12 1.1
					09.89- 12.93	110814	12 2.7
Uno 1.4 i.e. Turbo	[146A8.000]	12.89- 12.96	111148	14 65	12.89- 12.94	111228	12 1.1
	[146A8.046]				09.89- 09.93	110814	12 2.7
					10.90- 12.93	112289	12 0.8
Uno 1.4 TD	[146B3.000]	10.86- 10.90	112719	14 55	09.89- 04.91	111619	12 1.7
Uno 1.5 i.e.	[138C2.048]	10.85- 08.87	111035	14 65	10.85- 08.87	112289	12 0.8
		10.85- 08.87	111148	14 65			
	[149C1.000]	09.87- 03.94	111035	14 65	08.87- 03.94	112289	12 0.8
		09.87- 03.94	111148	14 65			
Uno 1.7 Diesel	[146B2.000]	09.89- 03.94	112719	14 55	09.89- 04.91	111619	12 1.7
					01.98- 03.04	113752	12 1.8
	[149B3.000]	07.86- 08.89	112719	14 55	07.86- 08.89	111619	12 1.7
Uno 1.9 Diesel	[149B5.046]	09.89- 03.94	110912	14 55			
		09.89- 03.94	112719	14 55			
					05.80- 09.03	110812	12 2.0
Various Models					01.71- 12.87	110813	12 2.7
					06.79- 10.86	110814	12 2.7
					09.80- 09.88	111106	12 1.0
					01.88-	111118	12 0.9
					11.93- 05.95	111422	12 0.8
					03.86-	111619	12 1.7
X1/9 1.3	[128AS.000]	01.73- 12.79	110899	14 33	01.73- 12.79	110338	12 0.8
X1/9 1.5 5-speed	[138AS.000]	11.78- 12.89	110612#	14 43			
	[138BS.031]	06.85- 12.89	110612#	14 43			
<b>PASSENGER CARS US</b>							
124 1.2		01.69- 01.69	110611	14 44			
124 1.4		01.68- 01.73	110611	14 44			
124 1.4 Spider		01.68- 01.70	110611	14 44			
124 1.6		01.71- 01.73	110611	14 44			
124 1.6 Spider		01.71- 01.73	110611	14 44			
124 1.8		01.74- 01.75	110611	14 44			
124 1.8 Spider		01.74- 01.78	110611	14 44			
124 2.0 Spider		01.79- 01.81	110912	14 55			
128 1.1		01.71- 01.73	110899	14 33			
128 1.3		01.73- 01.78	110899	14 33			
Brava 2.0		01.79- 01.81	110912	14 55			
Strada 1.5		01.79- 01.80	110235	14 80			
		01.79- 01.80	111035	14 65			
		01.79- 01.80	110612#	14 43			
		01.81- 01.82	111148	14 65			
Strada 1.5 Custom		01.80- 01.80	110235	14 80			
		01.80- 01.80	110612#	14 43			
		01.80- 01.80	111035	14 65			
		01.81- 01.82	111148	14 65			
X-1/9 1.3		01.74- 01.78	110899	14 33			
X-1/9 1.5		01.79- 01.83	110612#	14 43			
		01.79- 01.80	110235	14 80			
		01.79- 01.80	111035	14 65			
		01.81- 01.83	111148	14 65			
<b>PASSENGER CARS AO</b>							
Doblo 1.3 JTD	[199A2.000]	05.05-	114451	14 105			
Ducato 2.0		06.94- 12.95	112298	14 80	06.94- 12.95	111070	12 1.7
					06.94- 12.95	111130	12 1.1
Ducato 2.0 4x4	[RFW]	11.94- 11.01	112299	14 95	11.94- 11.01	111130	12 1.1
					11.94- 11.01	113443	12 1.4



Ducato 2.5 TD	[8140.47]	06.94- 08.98	111498	14	110	06.94- 08.98	113451	12	2.2
		06.94- 08.98	112681	14	80				
Ducato 2.5 TD 4x4	[8140.27]					07.90- 02.94	113846	12	2.2
	[8140.47]	11.94- 04.98	111498	14	110	11.94- 04.98	113451	12	2.2
		11.94- 04.98	112681	14	80				
Ducato 2.5 TD Panorama 4x4	[8140.27]	07.90- 02.94	110890	14	55	06.90- 05.94	113846	12	2.2
Ducato 2.8 4x4	[8140.43]	05.98- 09.01	111498	14	110	05.98- 09.01	113451	12	2.2
		05.98- 09.01	112681	14	80	05.98- 09.01	112436	12	2.3
Ducato 2.8 Diesel	[8140.43]					Chas. -7600144 11.03- 07.06	112436	12	2.3
						Chas. 7600145- 11.03- 07.06	113935	12	2.5
						11.03- 07.06	115501	12	2.5 A49
Ducato 2.8 Diesel 4x4	[8140.43]					Chas. -7600144 11.03- 07.06	112436	12	2.3
						Chas. 7600145- 11.03- 07.06	113935	12	2.5
						11.03- 07.06	115501	12	2.5 A49
Ducato 2.8 JTD	[8140.43S]	03.01- 11.01	113247	14	120				
		03.01- 11.01	113950	14	90				
		03.01- 11.01	114680	14	150				
Ducato 2.8 TD 4x4	[8140.63]	05.98- 11.01	111498	14	110	05.98- 11.01	113451	12	2.2
		05.98- 11.01	112681	14	80	05.98- 11.01	112436	12	2.3
Fiorino 1.7 Diesel	[146B2.000]					01.88- 10.99	111619	12	1.7
						09.93- 10.99	113752	12	1.8
Fiorino 1.7 TD S	[146D7.000]					11.96- 05.00	113752	12	1.8
Multipla 1.6	[182B6.000]					05.04- 08.05	114035	12	1.3
Multipla 1.6 G	[182B6.000]					03.01- 08.05	114035	12	1.3
Palio 1.1	[178B9.033]					07.97- 10.03	114123	12	0.8
Palio 1.2	[178E2.000]					06.99- 10.00	114123	12	0.8
	[188A5.000]	09.01-	113684	14	90				
Palio 1.3 Multijet	[188A9.000]	06.03-	113722	14	90	06.03-	113719	12	1.3
Palio 1.9 Diesel	[223A6.000]					09.00-	112379	12	1.8 MA
						09.00-	114321	12	2.0 BO
Palio 1.9 JTD EL	[188A2.000]					09.01-	113931	12	1.7
Panda 0.9 Fire S 4x4	[146A.048]					09.86-	110365	12	0.8
Panda 1.1 4x4	[187A1.000]					10.91-	111025	12	0.8
Regata 1.5 85		09.83- 08.88	111035	14	65				
		09.83- 08.88	111148	14	65				
Siena 1.2	[178C4.066]	09.01-	113684	14	90				
	[188A4.000]	09.01-	113684	14	90				
Siena 1.6	[182B6.000]					11.00-	114035	12	1.3
Siena 1.7 Diesel GL	[176A3.000]					10.96-	113752	12	1.8
Strada 1.2 Trekking		11.05-	114462	14	70				
Tempra 1.6	[159A3.048]	04.90- 06.93	111148	14	65	04.90- 06.93	112289	12	0.8
Tempra 1.6 S.W.	[159A3.048]					07.93- 07.96	112289	12	0.8
Uno 1.0	[146A2.166]					11.94- 08.00	114123	12	0.8
<b>AGRICULTURE</b>									
404 Diesel						01.84-	110640	12	3.0
						01.84-	113381#	12	2.5
420 Diesel		04.82- 12.83	111180	14	33	01.84-	110213	24	6.6
						01.84-	110640	12	3.0
						01.84-	113381#	12	2.5
440 Diesel						01.84-	110813	12	2.7
						01.84-	110640	12	3.0
						01.84-	113381#	12	2.5
450 Diesel						01.84-	110640	12	3.0
						01.50- 08.80	110813	12	2.7
						01.84-	113381#	12	2.5
455 Diesel						01.84-	110640	12	3.0
						01.84-	113381#	12	2.5
						01.50-	110813	12	2.7
470 Diesel						01.84-	110813	12	2.7
						01.84-	110640	12	3.0
						01.84-	113381#	12	2.5
480						01.72- 03.82	110813	12	2.7
							113381#	12	2.5
666						01.84- 12.84	110529	12	3.0
766						01.75- 12.84	110529	12	3.0
880						04.73- 12.84	110529	12	3.0
1180						09.80- 12.83	110529	12	3.0
1280						09.80- 12.83	110529	12	3.0
1380						09.80- 12.83	110529	12	3.0
						09.80- 12.83	110522	12	3.0
1580						09.80- 12.83	110522	12	3.0
100.90 5.4 Diesel	[8065.06.200]	05.87- 08.88	111686	14	65	06.84- 08.88	110522	12	3.0
1000 S DT DTS						01.73-	110529	12	3.0
110.90 5.9 Diesel	[8065.05.220]	05.87- 08.88	111686	14	65	11.86- 08.88	110522	12	3.0
115.90 5.9 Diesel	[8065.05.000]	05.87- 08.88	111686	14	65	01.84- 08.88	110522	12	3.0
129-16						01.79- 06.82	110521	24	4.0
130.90 5.9 Diesel	[8065.25.010]	05.87- 08.88	111686	14	65	01.84- 08.88	110522	12	3.0
1300 DT S						04.73- 12.79	110529	12	3.0
140.90 5.9 Diesel	[8065.25.000]	05.87- 08.88	111686	14	65	01.84- 08.88	110522	12	3.0
160.90 8.1 Diesel	[OM8365.25.5..]	05.87- 08.88	111686	14	65	01.84- 08.88	110522	12	3.0
180.90 8.1 Diesel	[OM8365.25.5..]	05.87- 08.88	111686	14	65	01.84- 08.88	110522	12	3.0
45.66						01.85-	110813	12	2.7
500 DT	[8035.02.201]					06.73- 03.82	110813	12	2.7
						01.73-	113381#	12	2.5
500S Diesel		06.78- 03.82	111180	14	33	01.78- 01.82	110640	12	3.0
						01.78- 01.82	113381#	12	2.5
						06.73- 03.82	110813	12	2.7
540 DT	[8035.02.302]	06.78- 03.82	111180	14	33	01.70- 06.78	110813	12	2.7
55.46 2.7 Diesel	[8035.06...]					09.84-	110813	12	2.7

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





**FIAT** *Continued*

55.56						01.89-	110813	12	2.7	
55.65 2.7 Diesel	[8035.06...]					09.84-	110813	12	2.7	
55.66 2.7 Diesel	[8035.06...]					09.84-	110813	12	2.7	
55.75						03.89-	110813	12	2.7	
55.90 2.7 Diesel	[8035.06.200]					03.84-	110813	12	2.7	
570 DT						12.77- 12.84	110813	12	2.7	
580 DT						12.77- 02.84	110213	24	6.6	
						12.77- 02.84	110529	12	3.0	
60.46 2.9 Diesel	[8035.05...]					09.84-	110813	12	2.7	
60.56						01.89-	110813	12	2.7	
60.65 2.9 Diesel	[8035.05...]					09.84-	110813	12	2.7	
60.66 2.9 Diesel	[8035.05...]					09.84- 08.88	110813	12	2.7	
60.75						03.89-	110813	12	2.7	
60.90 2.9 Diesel	[8035.05.200]					03.84- 08.88	110813	12	2.7	
640 DT						10.72- 07.82	110529	12	3.0	
65.46 3.6 Diesel	[8045.06..]					04.85- 08.88	110529	12	3.0	
						04.85-	110813	12	2.7	
65.66 3.6 Diesel	[8045.06..]					06.87- 08.88	110529	12	3.0	
						04.85-	110813	12	2.7	
65.90 3.6 Diesel	[8045.06..]					09.87- 08.88	110529	12	3.0	
						04.85-	110813	12	2.7	
665 C						06.82- 12.84	110529	12	3.0	
670 DT						07.77- 02.84	110529	12	3.0	
680 DT						07.77- 02.84	110529	12	3.0	
70.65 3.6 Diesel	[8045.06..]					10.84- 08.88	110529	12	3.0	
						09.84-	110813	12	2.7	
70.66 3.6 Diesel	[8045.06..]					09.84- 08.88	110529	12	3.0	
						09.84-	110813	12	2.7	
70.90 3.6 Diesel	[8045.06..]					03.84- 08.88	110529	12	3.0	
						03.84-	110813	12	2.7	
765 C						01.75- 12.84	110529	12	3.0	
780 DT						01.75- 02.84	110529	12	3.0	
80.65 3.9 Diesel	[8045.05...]					10.84- 08.88	110529	12	3.0	
						03.84-	110813	12	2.7	
80.66 3.9 Diesel	[8045.05...]					05.87- 08.88	110529	12	3.0	
						03.84-	110813	12	2.7	
80.75						03.84-	110529	12	3.0	
80.90 3.9 Diesel	[8045.05...]					03.84- 08.88	110529	12	3.0	
						03.84-	110813	12	2.7	
85.55 3.9 Diesel	[8045.05...]					10.84- 08.88	110529	12	3.0	
						10.84- 06.89	110813	12	2.7	
855 C						04.73- 12.84	110529	12	3.0	
880-5						09.80- 08.82	110529	12	3.0	
						09.82- 06.84	110522	12	3.0	
90.90 4.9 Diesel	[8055.05.200]					06.84- 08.88	110522	12	3.0	
95.55 4.9 Diesel	[8055.05.205]					10.84- 08.88	110522	12	3.0	
F-100-F						01.84-	110522	12	3.0	
F-110						01.84-	110522	12	3.0	
F-120-F						01.84-	110522	12	3.0	
F130						01.84-	110522	12	3.0	
Various Models						06.72-	110813	12	2.7	
						09.81- 12.82	110529	12	3.0	
<b>MISCELLANEOUS</b>										
DI 130 8.1	[8365.05.555]					07.81-	110518	24	4.0	
						07.81- 12.89	110522	12	3.0	
DI 130 C 5.9	[8061..]					09.88-	110521	24	4.0	
DI 150 C 5.9	[8061..]					09.88-	110518	24	4.0	
						09.88-	110521	24	4.0	
DI 20 C						01.80-	110529	12	3.0	
DI 25 C						01.80-	110529	12	3.0	
DI 50 CH 3.9	[8045.05.359]					06.85-	110529	12	3.0	
DI 60 C 3.9	[8045.05.359]					06.85-	110529	12	3.0	
DI 70						01.81-	110529	12	3.0	
DI 70 C						01.81-	110529	12	3.0	
Various Models						01.71- 12.82	110213	24	6.6	
						01.73- 11.81	110529	12	3.0	
						01.71- 12.82	110813	12	2.7	
<b>Fiat-Allis</b>										
<b>AGRICULTURE</b>										
65 B 5.9 Diesel	[8061..]	01.86-	01.01	111419	28	55	01.86- 01.01	110521	24	4.0
FA 150 8.1 Diesel	[8365.25.542]						12.86- 03.99	110999	24	
FA 200							01.84- 12.89	110347	24	7.5
FD 14							04.84- 12.89	110347	24	7.5
FD 14E 8.1 Diesel	[8365.25.541]						12.88- 12.92	110999	24	
FD 20 5.9 Diesel	[8215.02.520]						03.84- 03.99	110347	24	7.5
FD 30C 17.0 Diesel	[8285.22.004]	10.90-		111419	28	55				
FE 16							10.83- 12.87	110521	24	4.0
FE 45							09.87-	110347	24	7.5
FG 65 A							03.84- 01.88	110529	12	3.0
FH 400							11.89-	110347	24	7.5
FL 20							03.84-	110347	24	7.5
FR 130 5.9 Diesel	[8065.25..]	04.90-	04.05	111419	28	55				
FR 160 8.1 Diesel	[8365.25..]	07.90-		111419	28	55	01.80- 01.83	110522	12	3.0
							07.90-	110999	24	
FR 20							01.86- 12.90	110347	24	7.5
FR 20 B							01.86- 12.90	110347	24	7.5
FR 220 9.5 Diesel	[8465.21..]	01.91-		111419	28	55				
FR 7							12.82- 03.85	110517	24	3.2
							04.85- 04.88	110521	24	4.0



FR 9								12.82- 09.85	110521	24	4.0
Various Models Diesel		01.70- 01.73	110075	14	60				111041	12	2.8
		01.80-	110801	28	45				110518	24	4.0
		01.83- 01.88	110952	28	40			01.77- 01.97	110640	12	3.0
		01.72- 01.80	110504	14	90			01.69- 01.70	110818	12	2.1
		01.75- 12.84	111180	14	33			03.85	110517	24	3.2
		04.83- 03.89	110912	14	55			12.88	110521	24	4.0
			112992	28	70				110813	12	2.7
		01.74- 01.91	110639	14	36			11.70- 12.82	110529	12	3.0
									113381#	12	2.5
									110347	24	7.5
								01.60-	111000	24	6.5
								06.83- 06.87	110210	24	6.6
								07.87- 06.89	110206	24	5.4
								01.80- 06.85	110531	24	6.6
									110208	24	5.4
							01.72- 01.80	113534	12	3.0	
							01.71- 01.75	111737	12	2.8	
Various Models							01.70- 01.82	110520	24	4.0	
<b>Foden</b>											
<b>TRUCKS EU</b>											
2000 Series 6.0	[Cummins B]							01.96-	111286#	24	5.5
								01.96- 01.96	112656#	24	4.5
4000 Series	[Cum. NHE250]							01.71-	110721#	24	7.1
<b>Force</b>											
<b>MARINE</b>											
Various Models								01.92- 01.99	112827	12	
<b>Ford</b>											
<b>PASSENGER CARS EU</b>											
Aerostar 3.0 i V6		01.88- 01.90	111252	14	75						
Aerostar 4.0 i V6 4WD		01.92- 01.93	111199	14	95			01.92- 01.93	111844	12	1.4
B-Max 1.4		10.12-	114883*	14	120			10.12-	111906	12	1.1
B-Max 1.5 TDCI								10.12-	113905	12	1.4
B-Max 1.6 Ti	[IQJA]	10.12-	114883*	14	120			10.12-	111906	12	1.1
B-Max 1.6 TDCI	[T3JB]							10.12-	113905	12	1.4
Bronco II 2.9 i V6 4x4								01.88- 08.90	112016	12	
Capri 1.3	[J1E]	01.74- 06.85	110759	14	35			RHD 01.74- 06.85	110831	12	0.8
		01.74- 06.85	111289	14	70			01.74- 08.77	110336	12	0.75
		RHD 01.74- 08.77	111086	14	65						
Capri 1.3 1300	[EV13H]	01.71- 12.72	110759	14	35						
		01.71- 12.72	111289	14	70						
		09.72- 12.72	111086	14	65						
		RHD 01.71- 12.72	110178	14	36						
		RHD 09.72- 12.72	111086	14	65						
		[EV13L]	12.68- 04.74	110759	14	35			12.68- 12.72	110868#	12
	[KL13HC]	RHD 12.68- 04.74	110178	14	36			12.68- 12.72	110771	12	0.8
		01.72- 12.72	110759	14	35						
		01.72- 12.72	111289	14	70						
		[KL13L]	01.69- 12.73	110759	14	35					
		01.69- 12.73	111289	14	70						
		RHD 01.69- 12.70	110178	14	36						
[RHD 09.72- 12.73]	RHD 09.72- 12.73	111086	14	65							
	RHD 09.72- 12.73	111086	14	65			10.72- 12.73	110336	12	0.75	
	09.72- 12.73	111086	14	65							
Capri 1.5 1500	[EX]							12.68- 08.72	110771	12	0.8
								12.68- 08.72	110868#	12	1.1
								12.68- 08.72	110771	12	0.8
	[TV15H]						12.68- 08.72	110868#	12	1.1	
Capri 1.6	[LAC]	09.74- 12.77	111289	14	70			RHD 09.74- 12.77	110831	12	0.8
		RHD 09.74- 12.77	111086	14	65			09.74- 12.77	110336	12	0.75
	[LCE]	01.74- 12.77	111289	14	70			RHD 01.74- 12.77	110831	12	0.8
		RHD 01.74- 12.77	111086	14	65			01.74- 12.77	110336	12	0.75
	[LCN]	01.78- 04.87	111289	14	70			RHD 01.78- 04.87	110831	12	0.8
		RHD 01.78- 04.87	111086	14	65			01.78- 04.87	110336	12	0.75
	[LEC]	01.74- 12.77	111289	14	70			01.74- 12.77	110336	12	0.75
	RHD 01.74- 12.77	111086	14	65			RHD 01.74- 12.77	110831	12	0.8	
Capri 1.6 1600	[LE]	08.72- 04.74	111289	14	70			08.72- 04.74	110336	12	0.75
		RHD 01.70-	110179	14	36						
		RHD 09.72- 02.74	111086	14	65						
	[OHCTL16H]	08.72- 02.74	111086	14	65			RHD 08.72- 02.74	110336	12	0.75
		08.72- 02.74	111289	14	70						
	RHD 08.72- 02.74	111086	14	65							
Capri 1.6 1600 GT		01.69- 10.72	111289	14	70						
Capri 1.7 1700	[TV17H]	12.68- 08.72	111289	14	70			12.68- 08.72	110771	12	0.8
								12.68- 08.72	110868#	12	1.1
Capri 2.0	[NEN]	01.78- 12.85	111289	14	70			RHD 01.78- 12.85	110831	12	0.8
		RHD 01.78- 12.85	111086	14	65			01.78- 08.85	110868#	12	1.1
	[NWN]	04.76- 12.77	111289	14	70			04.76- 12.77	110771	12	0.8
								04.76- 12.77	110868#	12	1.1
	[NYL]	01.78- 04.87	111289	14	70			08.81- 04.87	110771	12	0.8
								01.78- 12.82	110831	12	0.8
								08.85- 04.87	110842	12	1.4
								08.81- 08.85	110868#	12	1.1
	[OHC2VHC]	01.78- 12.85	111289	14	70			01.78- 12.85	110868#	12	1.1
		11.81- 12.85	111086	14	65						
[OHCTL20H]	04.74- 06.84	111289	14	70			04.74- 12.77	110831	12	0.8	
	RHD 04.74- 06.86	111086	14	65							

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**FORD** Continued

Capri 2.0 2000	[TV20H]	02.69- 08.72	111289	14 70	02.69- 08.72	110771	12 0.8	
		RHD 02.69- 08.72	110179	14 36	02.69- 08.72	110868#	12 1.1	
		RHD 02.69- 08.72	111184	14 43				
		RHD 09.72- 02.74	111086	14 65				
	[TV20L]	02.69- 06.71	111289	14 70	02.69- 06.71	110771	12 0.8	
		RHD 02.69- 06.71	110179	14 36	02.69- 06.71	110868#	12 1.1	
		02.69- 02.74	111289	14 70				
		RHD 09.72- 02.74	111086	14 65				
Capri 2.3	[YYE]	01.74- 12.77	111289	14 70	01.74- 12.77	110771	12 0.8	
		RHD 01.74- 12.77	111086	14 65	01.74- 12.77	110868#	12 1.1	
Capri 2.3 2300	[TV232H]	02.69- 04.74	111289	14 70	02.69- 12.73	110771	12 0.8	
		RHD 09.72- 04.74	111086	14 65	02.69- 12.73	110868#	12 1.1	
	[TV23S]	08.69- 04.74	111289	14 70	08.69- 12.73	110771	12 0.8	
		RHD 09.72- 04.74	111086	14 65	08.69- 04.74	110868#	12 1.1	
Capri 2.3 Super	[YYN]	06.79- 12.85	111289	14 70	06.79- 08.85	110868#	12 1.1	
		RHD 06.79- 12.85	111086	14 65	08.85- 12.85	110842	12 1.4	
Capri 2.6 2600	[UY]	08.70- 04.74	111289	14 70	08.70- 12.73	110771	12 0.8	
		RHD 09.72- 04.74	111086	14 65	08.70- 04.74	110868#	12 1.1	
Capri 2.8 i Super	[PRN]				08.85- 04.87	110842	12 1.4	
					01.81- 08.85	110868#	12 1.1	
Capri 2.8 i Turbo	[PYN]				01.82- 08.85	110868#	12 1.1	
Capri 3.0	[HYF]	01.74- 12.78	111289	14 70				
		02.74- 12.78	111086	14 65				
		RHD 01.74- 12.77	111086	14 65				
Capri 3.0 3000	[HY]	08.72- 08.81	111086	14 65				
		RHD 08.72- 04.74	111086	14 65				
C-Max 1.6	[HWDA]	02.07-	114009	14 105				
C-Max 1.6 LPG		02.12-	114883*	14 120	02.12-	111906	12 1.1	
C-Max 1.6 Ti	[XTDA]	12.10-	114883*	14 120	12.10-	111906	12 1.1	
C-Max 1.6 Ti-CVT	[IQDA]	12.10-	111960	14 80				
	[IQDB]	12.10-	111960	14 80				
	[PNDA]	12.10-	111960	14 80				
	[MUDA]	02.11-	114883*	14 120	02.11-	111906	12 1.1	
C-Max 1.6 Flexfuel	[MUDA]	02.11-	114883*	14 120	02.11-	111906	12 1.1	
C-Max 1.6 TDCi	[G8DA]	02.07-	113849	14 150	02.07-	113908	12 1.2	
		02.07-	113922	14 120				
	[G8DB]	02.07-	113849	14 150	02.07-	113908	12 1.2	
		02.07-	113922	14 120				
	[G8DD]	02.07-	113849	14 150	02.07-	113908	12 1.2	
		02.07-	113922	14 120				
	[GPDA]	02.07-	113849	14 150	02.07-	113908	12 1.2	
		02.07-	113922	14 120				
	[HHDA]	02.07-	113849	14 150	02.07-	113908	12 1.2	
		02.07-	113922	14 120				
	[HHDB]	02.07-	113849	14 150	02.07-	113908	12 1.2	
		02.07-	113922	14 120				
	[T1DA]				12.10-	113908	12 1.2	
	[T3DA]				12.10-	113908	12 1.2	
C-Max 1.8	[QQDA]	02.07-	114065	14 120	02.07-	113906	12 1.2	
		02.07-	114065	14 120	02.07-	113907	12 1.2	
	[QQDB]	02.07-	114065	14 120	02.07-	113906	12 1.2	
		02.07-	114065	14 120	02.07-	113907	12 1.2	
C-Max 1.8 FlexFuel	[Q7DA]	02.07-	114065	14 120	02.07-	113906	12 1.2	
		02.07-	114065	14 120	02.07-	113907	12 1.2	
C-Max 1.8 TDCi	[KKDA]	AC, w/electrical heating system	02.07-	114248	14 150	02.07-	114092	12 2.0
		AC	02.07-	114250	14 120			
C-Max 2.0	[AODA]	02.07-	114065	14 120	02.07-	113906	12 1.2	
		AT	02.07-	113978	14 120			
	[AODB]	02.07-	113978	14 120	02.07-	113906	12 1.2	
		02.07-	114065	14 120				
	[AODE]	02.07-	113978	14 120	02.07-	113906	12 1.2	
		02.07-	114065	14 120				
[SYDA]	02.07-	113978	14 120	02.07-	113906	12 1.2		
		02.07-	114065	14 120				
C-Max 2.0 CNG	[SYDA]	04.09-	113978	14 120				
C-Max 2.0 LPG	[SYDA]	06.08-	113978	14 120				
C-Max 2.0 TDCi	[G6DA]	02.07-	113849	14 150	02.07-	113911	12 2.2	
		02.07-	113922	14 120				
	[G6DB]	02.07-	113849	14 150	02.07-	113911	12 2.2	
		02.07-	113922	14 120				
	[G6DC]	02.07-	113849	14 150	02.07-	113911	12 2.2	
		02.07-	113922	14 120				
	[G6DD]	02.07-	113849	14 150	02.07-	113911	12 2.2	
		02.07-	113922	14 120				
	[G6DE]	02.07-	113849	14 150	02.07-	113911	12 2.2	
		02.07-	113922	14 120				
	[G6DF]	02.07-	113849	14 150	02.07-	113911	12 2.2	
		02.07-	113922	14 120				
	[G6DG]	02.07-	113849	14 150	02.07-	113911	12 2.2	
		02.07-	113922	14 120				
[IXDA]	02.07-	113849	14 150	02.08-	113911	12 2.2		
	02.08-	113922	14 120					
[TXDB]				12.10-	113911	12 2.2		
[TYDA]				02.11-	113911	12 2.2		
[UFDB]				02.11-	113911	12 2.2		
Consul 1.7 1700	[TV17H]	01.72- 02.76	110759	14 35	01.72- 02.76	110771	12 0.8	
	[TV17L]	01.72- 12.75	110759	14 35	01.72- 12.75	110771	12 0.8	



Consul 2.0 2000	[TL20H]	03.72- 02.76	110759	14 35				
		03.72- 02.75	111086	14 65				
	[TV20H]				10.74- 02.75	110868#	12 1.1	
		03.72- 02.76	110759	14 35				
		01.72- 12.74	111086	14 65				
Consul 2.3 2300	[TV23H]	03.72- 02.75	110759	14 35	03.72- 02.75	110868#	12 1.1	
Consul 2.5 2500	[Essex]				01.72- 12.74	110868#	12 1.1	
					01.72- 12.74	110868#	12 1.1	
Consul 3.0 3000	[EV30H]	01.72- 12.75	111086	14 65	01.72- 12.75	111052	12 1.5	
Cortina 1.3 1300		RHD 01.70- 03.72	110178	14 36	01.71- 03.72	110336	12 0.75	
		09.69- 03.72	110179	14 36				
		03.72	110178	14 36				
Cortina 1.6 1600		09.69- 03.72	110179	14 36	01.71- 03.72	110336	12 0.75	
		09.69- 03.72	110178	14 36				
Cortina 1.6 1600 GT		10.70- 03.72	110178	14 36	01.71- 03.72	110336	12 0.75	
		10.70- 03.72	110179	14 36				
		RHD 01.70- 01.72	110178	14 36				
Cortina 2.0 2000		01.70- 01.72	110179	14 36				
		01.71- 01.72	110178	14 36				
Cougar 2.0 16V	[EDBA]	08.98-	112198	14 105	08.98-	112235	12 1.4	
					AT 08.98-	112340	12 1.4	
	[EDBB]	08.98-	112198	14 105	AT 08.98- 12.00	112340	12 1.4	
	[EDBC]	08.98-	112198	14 105	AT 08.98- 12.00	112340	12 1.4	
	[EDBD]	08.98-	112198	14 105	AT 08.98- 12.00	112340	12 1.4	
Cougar 2.5 i ST 200	[SGA]	01.00- 12.01	112939	14 130	01.00-	111374	12 1.5	
Cougar 2.5 V6 24V	[LCBA]	08.98- 12.01	112939	14 130	08.98-	111374	12 1.5	
	[LCBB]				08.98- 12.00	111374	12 1.5	
	[LCBC]				06.00-	111374	12 1.5	
	[LCBE]				08.98- 12.00	111374	12 1.5	
E Series 5.8		01.92- 01.93	111200	14 130				
Econovan 1.4	[UC]	08.85- 03.92	110136	14 50				
Econovan 2.0 Diesel	[RF]	03.86- 03.92	110699	14 50	09.85- 03.92	110389	12 2.0	
		03.86- 03.92	110706	14 60				
Escort 1.1	[G1]	10.74- 08.80	110759	14 35	10.74- 08.80	110336	12 0.75	
					RHD 11.75- 08.80	110831	12 0.8	
		RHD 12.74- 08.80	110178	14 36				
		RHD 12.74- 08.80	111185	14 43 A47				
	[G2]	10.74- 08.80	110759	14 35	RHD 11.75- 08.80	110831	12 0.8	
					10.74- 08.80	110336	12 0.75	
		RHD 12.74- 08.80	110178	14 36				
		RHD 12.74- 08.80	111185	14 43 A47				
	[GLB]	09.80- 12.85	110759	14 35	A13 09.80- 12.85	110337#	12 0.85	
		09.80- 12.85	111289	14 70	RHD 09.80- 12.85	110831	12 0.8	
		09.80- 08.83	111362	14 55	09.80- 08.83	111131	12 0.8	
					09.80- 12.85	111053#	12 0.8	
	[GMA]	09.80- 08.83	110759	14 35	A13 09.80- 08.83	110337#	12 0.85	
		09.80- 08.83	111289	14 70	09.80- 08.83	111131	12 0.8	
					09.80- 08.83	111053#	12 0.8	
	[GPA]	09.80- 08.83	111289	14 70	09.80- 08.83	110337#	12 0.85	
					09.80- 12.82	111053#	12 0.8	
	[GSE]	09.80- 05.83	110759	14 35	09.80- 06.85	110337#	12 0.85	
		09.80- 05.83	111289	14 70	09.80- 12.85	111053#	12 0.8	
					RHD 09.80- 12.85	110831	12 0.8	
[GSG]	10.85- 07.90	111289	14 70	A13 01.86- 07.90	111131	12 0.8		
	12.85- 07.90	110891	14 70 A47	10.85- 12.88	111053#	12 0.8		
				10.85- 07.90	110337#	12 0.85		
	01.86- 07.90	111362	14 55					
Escort 1.1 1100	[G1]	01.68- 12.74	110178	14 36	01.68- 02.76	110336	12 0.75	
		01.75- 08.80	110759	14 35	RHD 11.75- 02.76	110831	12 0.8	
		RHD 01.75- 02.76	110179	14 36				
	[G2]	06.70- 12.74	110178	14 36	RHD 11.75- 02.76	110831	12 0.8	
		01.75- 08.80	110759	14 35	06.70- 02.76	110336	12 0.75	
	RHD 01.75- 02.76	110179	14 36					
Escort 1.1 Express	[GLB]	03.81- 05.83	110759	14 35	RHD 03.81- 12.85	110831	12 0.8	
		03.81- 12.85	111289	14 70	03.81- 12.85	111053#	12 0.8	
					03.81- 06.85	110337#	12 0.85	
	[GSG]	05.86- 07.90	110891	14 70 A47	A13 05.86- 07.90	111131	12 0.8	
		05.86- 07.90	111289	14 70	05.86- 07.90	110337#	12 0.85	
	05.86- 07.90	111362	14 55					
Escort 1.3	[J1]	01.75- 08.80	110759	14 35	RHD 11.75- 08.80	110831	12 0.8	
					01.75- 08.80	110336	12 0.75	
		RHD 01.75- 08.80	110178	14 36				
		RHD 04.75- 07.81	111185	14 43 A47				
	[J1F]	12.74- 08.80	110759	14 35	12.74- 08.80	110336	12 0.75	
					RHD 11.75- 08.80	110831	12 0.8	
		RHD 12.74- 08.80	110178	14 36				
		RHD 12.74- 08.80	111185	14 43 A47				
	[J2]	12.74- 08.80	110759	14 35	12.74- 08.80	110336	12 0.75	
					RHD 11.75- 08.80	110831	12 0.8	
		RHD 12.74- 08.80	110178	14 36				
		RHD 12.74- 08.80	111185	14 43 A47				
	[J3]	12.74- 08.80	110759	14 35	12.74- 08.80	110336	12 0.75	
				RHD 11.75- 08.80	110831	12 0.8		
	RHD 12.74- 08.80	110178	14 36					
	RHD 12.74- 08.80	111185	14 43 A47					
[J4B]	07.90- 10.98	110891	14 70 A47	07.90- 09.01	111131	12 0.8		
	07.90- 10.00	111362	14 55	01.95- 10.98	110337#	12 0.85		
				09.92- 01.02	113701	12 1.1		
	01.95- 10.00	111289	14 70					

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



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	[J6A]	07.90- 02.99	110891	14 70	A47	07.90- 10.00	111131	12 0.8
		07.90- 10.00	111289	14 70		01.95- 01.02	113701	12 1.1
		07.90- 10.00	111362	14 55		01.95- 10.98	110337#	12 0.85
						01.95-	111053#	12 0.8
	[JBA]	07.88- 10.90	110891	14 70	A47	07.88- 07.90	111131	12 0.8
		07.88- 07.90	111362	14 55				
	[JBB]	01.86- 07.90	110891	14 70	A47	A13 08.88- 07.90	111131	12 0.8
						08.88- 07.90	110337#	12 0.85
		08.88- 07.90	111289	14 70				
		08.88- 07.90	111362	14 55				
[JLA]	01.86- 07.90	110891	14 70	A47	A13 01.86- 07.90	111131	12 0.8	
	01.86- 07.90	111289	14 70		01.86- 07.90	110337#	12 0.85	
	01.86- 07.90	111362	14 55					
[JLB]	01.86- 07.90	110891	14 70	A47	A13 01.86- 07.90	111131	12 0.8	
	01.86- 07.90	111289	14 70		01.86- 07.90	110337#	12 0.85	
	01.86- 07.90	111362	14 55					
[JPA]	09.80- 05.83	110759	14 35		A13 09.80- 12.85	110337#	12 0.85	
					09.80- 12.85	111053#	12 0.8	
	03.81- 12.85	111289	14 70					
	11.86- 07.88	111362	14 55		11.86- 07.88	111131	12 0.8	
					11.86- 07.88	110337#	12 0.85	
Escort 1.3 1300	[J1F]	09.73- 12.74	110178	14 36		RHD 11.75- 02.76	110831	12 0.8
		01.75- 08.80	110759	14 35		09.73- 02.76	110336	12 0.75
		RHD 01.75- 02.76	110179	14 36				
	[J2]	06.70- 12.74	110178	14 36		RHD 11.75- 02.76	110831	12 0.8
		01.75- 08.80	110759	14 35		06.70- 02.76	110336	12 0.75
		RHD 01.75- 02.76	110179	14 36				
	[J3D]	06.70- 12.74	110178	14 36		06.70- 02.76	110336	12 0.75
		01.75- 08.80	110759	14 35		RHD 11.75- 02.76	110831	12 0.8
		RHD 01.75- 02.76	110179	14 36				
Escort 1.3 Express	[JBA]	07.88- 07.90	110891	14 70	A47	07.88- 07.90	111131	12 0.8
		07.88- 07.90	111362	14 55				
	[JBB]	02.86- 07.90	110891	14 70	A47	A13 02.86- 07.92	111131	12 0.8
		02.86- 07.92	111289	14 70		02.86- 07.92	110337#	12 0.85
		02.86- 07.92	111362	14 55				
	[JBD]	07.90- 12.94	110891	14 70	A47	07.90- 12.94	111131	12 0.8
		07.90- 12.94	111362	14 55				
	[JLA]	02.86- 07.90	110891	14 70	A47	02.86- 07.92	110337#	12 0.85
		02.86- 07.92	111289	14 70		A13 02.86- 07.92	111131	12 0.8
		02.86- 07.92	111362	14 55				
	[JLB]	02.86- 07.90	110891	14 70	A47	02.86- 07.92	110337#	12 0.85
		02.86- 07.92	111289	14 70		A13 02.86- 07.92	111131	12 0.8
		02.86- 07.92	111362	14 55				
	[JPA]	03.81- 05.83	110759	14 35		03.81- 12.85	111053#	12 0.8
		03.81- 12.85	111289	14 70		AT 03.81- 12.85	110337#	12 0.85
Escort 1.4	[F4B]	07.90- 01.95	111362	14 55		07.90- 12.94	111053#	12 0.8
		08.93- 01.95	110891	14 70	A47	07.90- 01.95	111131	12 0.8
						01.95- 09.01	111750	12 1.4
		02.94- 09.01	111289	14 70				
		PS 07.90- 09.92	111293	14 70				
		PS 01.95-	112680	14 70				
		AC 07.90- 09.92	111293	14 70				
	[F6B]	01.86- 07.90	110891	14 70	A47	A13 01.86- 07.90	111131	12 0.8
		01.86- 07.90	111289	14 70		01.86- 07.90	110337#	12 0.85
		01.86- 07.90	111362	14 55		01.86- 07.90	111053#	12 0.8
	[F6D]	01.86- 07.90	110891	14 70	A47	01.86- 07.90	110337#	12 0.85
		01.86- 07.90	111289	14 70		A13 01.86- 07.90	111131	12 0.8
		01.86- 07.90	111362	14 55		01.86- 07.90	111053#	12 0.8
	[F6F]	07.90- 01.95	110891	14 70	A47	07.90- 12.94	111131	12 0.8
		07.90- 12.94	111362	14 55		07.90- 12.94	111053#	12 0.8
		PS 07.90- 09.92	111293	14 70				
		AC 07.90- 09.92	111293	14 70				
	[F6G]	07.90- 01.95	110891	14 70	A47	07.90- 12.94	111131	12 0.8
		07.90- 12.94	111362	14 55		07.90- 12.94	111053#	12 0.8
		PS 07.90- 09.92	111293	14 70				
		AC 07.90- 09.92	111293	14 70				
	[FUA]	01.86- 07.90	110891	14 70	A47	A13 01.86- 07.90	111131	12 0.8
		01.86- 07.90	111289	14 70		01.86- 07.90	110337#	12 0.85
		01.86- 07.90	111362	14 55		01.86- 07.90	111053#	12 0.8
	[FUC]	01.86- 07.90	110891	14 70	A47	01.86- 07.90	110337#	12 0.85
		01.86- 07.90	111289	14 70		01.86- 07.90	111053#	12 0.8
		01.86- 07.90	111362	14 55		A13 01.86- 07.90	111131	12 0.8
	[FUH]	07.90- 12.94	111362	14 55		07.90- 12.94	111131	12 0.8
		08.90- 01.95	110891	14 70	A47	07.90- 12.94	111053#	12 0.8
		02.95- 09.01	111289	14 70				
		PS 07.90- 09.92	111293	14 70				
		PS 01.95-	112680	14 70				
		AC 07.90- 09.92	111293	14 70				
	[FUAA]	10.85- 10.90	110891	14 70	A47	10.85- 10.90	110337#	12 0.85
		10.85- 10.90	111362	14 55		A13 10.85- 10.90	111131	12 0.8
		10.85- 10.90	111289	14 70		10.85- 10.90	111131	12 0.8
		10.85- 10.90	110891	14 70	A47	10.85- 10.90	110337#	12 0.85
Escort 1.4 Express	[F4B]	01.95-	111289	14 70		01.95-	111131	12 0.8
		01.95-	111362	14 55				
		PS 01.95-	112680	14 70				
	[F6F]	07.90- 12.94	110891	14 70	A47	07.90- 12.94	111131	12 0.8
		07.90- 12.94	111362	14 55		07.90- 12.94	111053#	12 0.8
		PS 07.90- 09.92	111293	14 70				
		AC 07.90- 09.92	111293	14 70				

**STARTERS & ALTERNATORS**

O.E.M. names and numbers are used for reference purposes only.



	[F6G]	07.90- 12.94 07.90- 12.94 PS 07.90- 09.92 AC 07.90- 09.92	110891 111362 111293 111293	14 70 14 55 14 70 14 70	A47	07.90- 12.94 07.90- 12.94	111053# 111131	12 0.8 12 0.8	
Escort 1.4 i	[F4B]	07.93- 01.95 07.93- 01.95	110891 111362	14 70 14 55	A47	07.93- 01.95	111131	12 0.8	
Escort 1.4 i Express	[F6B]	01.86- 01.86- 02.86-	111289 111362 110891	14 70 14 55 14 70	A47	A13 01.86- 01.86-	111131 110337#	12 0.8 12 0.85	
	[F6D]	01.86- 01.86- 02.86-	111289 111362 110891	14 70 14 55 14 70	A47	01.86- A13 01.86-	110337# 111131	12 0.85 12 0.8	
	[FUC]	01.86- 01.86- 02.86-	111289 111362 110891	14 70 14 55 14 70	A47	01.86- A13 01.86-	110337# 111131	12 0.85 12 0.8	
	[LGA]					A13 09.80- 12.85	110337#	12 0.85	
			01.82- 05.83 01.82- 05.83	110759 111289	14 35 14 70				
		[LJF]	07.90- 12.92 07.90- 12.92 PS 07.90- 09.92 AC 07.90- 09.92	110891 111362 111293 111293	14 70 14 55 14 70 14 70	A47	07.90- 09.92	111131	12 0.8
Escort 1.6	[LP1]	09.80- 05.83 09.80- 12.85	110759 111289	14 35 14 70		09.80- 12.85 09.80- 12.85	110337# 111053#	12 0.85 12 0.8	
	[LP2]	01.86- 12.94 01.86- 07.90 01.86- 12.94	110891 111289 111362	14 70 14 70 14 55	A47	01.86- 07.90 A13 01.86- 07.90	110337# 111131	12 0.85 12 0.8	
	[LPA]	09.80- 05.83 09.80- 12.85	110759 111289	14 35 14 70		09.80- 12.85 09.80- 12.85	110337# 111053#	12 0.85 12 0.8	
	[LUA]	09.80- 05.83 09.80- 02.85	110759 111289	14 35 14 70		09.80- 02.85 09.80- 02.85	111053# 110337#	12 0.8 12 0.85	
	[LUG]	01.86- 07.90 01.86- 07.90 04.89- 07.90	111289 111362 110891	14 70 14 55 14 70	A47	A13 01.86- 07.90 01.86- 07.90	111131 110337#	12 0.8 12 0.85	
	[LUJ]	07.90- 08.92 07.90- 12.94 PS 07.90- 08.92 AC 07.90- 08.92	110891 111362 111293 111293	14 70 14 55 14 70 14 70	A47	07.90- 12.94	111131	12 0.8	
	[LUK]	07.90- 08.92 07.90- 12.94 PS 07.90- 08.92 AC 07.90- 08.92	110891 111362 111293 111293	14 70 14 55 14 70 14 70	A47	07.90- 12.94	111131	12 0.8	
	Escort 1.6 RS	[LC]	12.74- 08.80	110759	14 35		RHD 11.75- 08.80 12.74- 08.80	110831 110336	12 0.8 12 0.75
	Escort 1.6 XR3i	[LR1]	10.82- 12.85 10.82- 12.85	111289 111362	14 70 14 55		10.82- 12.85 10.82- 12.85	110337# 111053#	12 0.85 12 0.8
		[LR2]	01.86- 07.90 01.86- 07.90 01.86- 07.90	110891 111289 111362	14 70 14 70 14 55	A47	01.86- 08.89 01.86- 08.89 01.86- 07.90	110337# 111131 111750	12 0.85 12 0.8 12 1.4
		[LRA]	10.82- 12.85 10.82- 12.85	111289 111362	14 70 14 55		10.82- 12.85 10.82- 12.85	111053# 110337#	12 0.8 12 0.85
		[LRB]	01.86- 07.90 01.86- 07.90 01.86- 07.90	110891 111289 111362	14 70 14 70 14 55	A47	01.86- 08.89 01.86- 08.89 01.86- 07.90	110337# 111131 111750	12 0.85 12 0.8 12 1.4
		Escort 1.6 16V	[L1E]	02.95- PS 02.95- 07.00	111293 112680	14 70 14 70			
Escort 1.6 16V 4x4		[L1E]	02.95- PS 02.95-	111293 112680	14 70 14 70				
Escort 1.6 16V XR3i	[L1E]	12.92- 01.95 02.93- 01.95 02.93- 01.95 PS 02.95-	110891 111293 111362 112680	14 70 14 70 14 55 14 70	A47	02.93- 01.95	111750	12 1.4	
	[L1H]	02.95- PS 02.95-	111293 112680	14 70 14 70					
	[L1E]	09.92- 01.95 09.92- 01.95 PS 02.95-	111293 112680 112680	14 70 14 70 14 70		09.92- 01.95	111750	12 1.4	
	[L1K]	08.93- 01.95 08.93- 12.94 07.94- 12.94 02.95- PS 02.95-	110891 111362 112680 111293 112680	14 70 14 55 14 70 14 70 14 70	A47				
Escort 1.6 i	[L4B]	07.85- 07.90	111289	14 70		01.86- 07.90 07.85- 12.86 01.86- 09.92	111750 110337# 111131	12 1.4 12 0.85 12 0.8	
		01.86- 07.90 01.86- 07.90	110891 111362	14 70 14 55	A47				
	[LJB]	08.89- 07.90 08.89- 07.90 08.89- 07.90	110891 111289 111362	14 70 14 70 14 55	A47	08.89- 07.90	111750	12 1.4	
	[LR1]	09.83- 12.85	111289	14 70		09.83- 12.85	110337#	12 0.85	
	[LRA]	09.83- 12.85	111289	14 70		09.83- 12.85	110337#	12 0.85	
	Escort 1.6 i 1600 RS	[LUAE]	05.82- 12.85	111289	14 70		05.82- 12.85	110337#	12 0.85
	Escort 1.6 i 16V	[L1E]	09.92- 01.95 09.92- 01.95 09.92- 01.95	110891 111293 111362	14 70 14 70 14 55	A47	09.92- 01.95	111750	12 1.4



**FORD** Continued

	[L1H]	01.94- 01.95	110891	14 70	A47	01.95- 10.00	112235	12 1.4
		01.94- 01.95	111293	14 70		01.95-	112141	12 1.0
		01.94- 01.95	111362	14 55		01.94- 01.95	111750	12 1.4
		PS 01.95- 08.95	112680	14 70				
Escort 1.6 Turbo RS	[LNA]	11.84- 12.85	111289	14 70		11.84- 12.85	110337#	12 0.85
		11.84- 12.85	111362	14 55				
	[LNB]	01.86- 07.90	110891	14 70	A47	01.86- 07.90	110337#	12 0.85
		01.86- 07.90	111289	14 70		01.86- 07.90	111131	12 0.8
		01.86- 07.90	111362	14 55				
Escort 1.6 Diesel	[LTA]	04.84- 01.89	111364	14 55		04.84- 12.85	110867	12 1.7
		04.84- 01.89	111368	14 70				
	[LTC]	01.86- 01.89	111176	14 75	A47	01.86- 01.89	110867	12 1.7
		01.86- 01.89	111364	14 55				
		01.86- 01.89	111368	14 70				
Escort 1.6 Diesel Express	[LTA]	04.84- 01.89	111364	14 55		02.84- 07.90	110227	12
		04.84- 01.89	111368	14 70		04.84- 01.89	110867	12 1.7
Escort 1.8 16V	[RDA]	02.92- 08.95	111293	14 70		02.92- 12.94	111750	12 1.4
						01.95-	112141	12 1.0
						01.95- 10.00	112235	12 1.4
		PS 01.95- 08.95	112680	14 70				
	[RKC]	01.95-	111293	14 70		01.95-	112141	12 1.0
						01.95- 10.00	112235	12 1.4
		PS 01.95-	112680	14 70				
Escort 1.8 16V XR3i	[RDA]	02.92- 01.95	111293	14 70		02.92- 01.95	111750	12 1.4
						01.95-	112141	12 1.0
		PS 10.95-	112680	14 70				
	[RKC]	01.95-	111293	14 70		01.95-	112141	12 1.0
		PS 01.95-	112680	14 70				
	[ROB]	02.92- 01.95	111293	14 70		02.92- 01.95	111750	12 1.4
						01.95-	112141	12 1.0
		PS 10.95-	112680	14 70				
Escort 1.8 16V XR3i 4X4	[RDA]	08.93- 01.95	111293	14 70		08.93- 01.95	111750	12 1.4
	[ROB]	08.93- 01.95	111293	14 70		08.93- 01.95	111750	12 1.4
Escort 1.8 i 16V	[RDA]	09.92- 01.95	111293	14 70		09.92- 01.95	111750	12 1.4
	[ROB]	02.93- 01.95	111293	14 70		02.93- 01.95	111750	12 1.4
Escort 1.8 Diesel	[RFD]	02.93- 01.95	111356	14 55		02.93- 01.95	112290	12 2.2
						02.93- 01.95	110867	12 1.7
	[RFK]	02.93- 01.95	111356	14 55		02.93- 01.95	110867	12 1.7
						02.93- 01.95	112290	12 2.2
	[RTA]	01.89- 07.90	111356	14 55		A13 01.89- 07.90	112290	12 2.2
		01.89- 07.90	111364	14 55		01.89- 07.90	110867	12 1.7
		01.89- 07.90	111368	14 70		07.88- 07.90	110227	12
		RHD 01.89- 07.90	111356	14 55				
	[RTB]	01.89- 07.90	111356	14 55		07.88- 07.90	110227	12
		01.89- 07.90	111364	14 55		A13 01.89- 07.90	112290	12 2.2
		01.89- 07.90	111368	14 70		07.88- 07.90	110867	12 1.7
		RHD 01.89- 07.90	111356	14 55				
	[RTE]	07.90- 12.95	111356	14 55		07.90- 12.95	110867	12 1.7
		07.90- 12.94	111364	14 55		07.90- 12.95	112290	12 2.2
		07.90- 12.94	111368	14 70				
	[RTE]	07.90- 12.95	111356	14 55		07.90- 12.95	110867	12 1.7
		07.90- 12.94	111364	14 55		07.90- 12.95	112290	12 2.2
		07.90- 12.94	111368	14 70				
	[RTE]	07.90- 12.95	111356	14 55		07.90- 12.95	110867	12 1.7
		07.90- 12.94	111364	14 55		07.90- 12.95	112290	12 2.2
		07.90- 12.94	111368	14 70				
	[RTE]	07.90- 12.95	111356	14 55		07.90- 12.95	110867	12 1.7
		07.90- 12.94	111364	14 55		07.90- 12.95	112290	12 2.2
		07.90- 12.94	111368	14 70				
	[RTE]	07.90- 12.95	111356	14 55		07.90- 12.95	110867	12 1.7
		07.90- 12.94	111364	14 55		07.90- 12.95	112290	12 2.2
		07.90- 12.94	111368	14 70				
	[RTE]	07.90- 12.95	111356	14 55		07.90- 12.95	110867	12 1.7
		07.90- 12.94	111364	14 55		07.90- 12.95	112290	12 2.2
		07.90- 12.94	111368	14 70				
	[RTE]	07.90- 12.95	111356	14 55		07.90- 12.95	110867	12 1.7
		07.90- 12.94	111364	14 55		07.90- 12.95	112290	12 2.2
		07.90- 12.94	111368	14 70				
	[RTE]	07.90- 12.95	111356	14 55		07.90- 12.95	110867	12 1.7
		07.90- 12.94	111364	14 55		07.90- 12.95	112290	12 2.2
		07.90- 12.94	111368	14 70				
	[RTE]	07.90- 12.95	111356	14 55		07.90- 12.95	110867	12 1.7
		07.90- 12.94	111364	14 55		07.90- 12.95	112290	12 2.2
		07.90- 12.94	111368	14 70				
	[RTE]	07.90- 12.95	111356	14 55		07.90- 12.95	110867	12 1.7
		07.90- 12.94	111364	14 55		07.90- 12.95	112290	12 2.2
		07.90- 12.94	111368	14 70				
	[RTE]	07.90- 12.95	111356	14 55		07.90- 12.95	110867	12 1.7
		07.90- 12.94	111364	14 55		07.90- 12.95	112290	12 2.2
		07.90- 12.94	111368	14 70				
	[RTE]	07.90- 12.95	111356	14 55		07.90- 12.95	110867	12 1.7
		07.90- 12.94	111364	14 55		07.90- 12.95	112290	12 2.2
		07.90- 12.94	111368	14 70				
	[RTE]	07.90- 12.95	111356	14 55		07.90- 12.95	110867	12 1.7
		07.90- 12.94	111364	14 55		07.90- 12.95	112290	12 2.2
		07.90- 12.94	111368	14 70				
	[RTE]	07.90- 12.95	111356	14 55		07.90- 12.95	110867	12 1.7
		07.90- 12.94	111364	14 55		07.90- 12.95	112290	12 2.2
		07.90- 12.94	111368	14 70				
	[RTE]	07.90- 12.95	111356	14 55		07.90- 12.95	110867	12 1.7
		07.90- 12.94	111364	14 55		07.90- 12.95	112290	12 2.2
		07.90- 12.94	111368	14 70				
	[RTE]	07.90- 12.95	111356	14 55		07.90- 12.95	110867	12 1.7
		07.90- 12.94	111364	14 55		07.90- 12.95	112290	12 2.2
		07.90- 12.94	111368	14 70				
	[RTE]	07.90- 12.95	111356	14 55		07.90- 12.95	110867	12 1.7
		07.90- 12.94	111364	14 55		07.90- 12.95	112290	12 2.2
		07.90- 12.94	111368	14 70				
	[RTE]	07.90- 12.95	111356	14 55		07.90- 12.95	110867	12 1.7
		07.90- 12.94	111364	14 55		07.90- 12.95	112290	12 2.2
		07.90- 12.94	111368	14 70				
	[RTE]	07.90- 12.95	111356	14 55		07.90- 12.95	110867	12 1.7
		07.90- 12.94	111364	14 55		07.90- 12.95	112290	12 2.2
		07.90- 12.94	111368	14 70				
	[RTE]	07.90- 12.95	111356	14 55		07.90- 12.95	110867	12 1.7
		07.90- 12.94	111364	14 55		07.90- 12.95	112290	12 2.2
		07.90- 12.94	111368	14 70				
	[RTE]	07.90- 12.95	111356	14 55		07.90- 12.95	110867	12 1.7
		07.90- 12.94	111364	14 55		07.90- 12.95	112290	12 2.2
		07.90- 12.94	111368	14 70				
	[RTE]	07.90- 12.95	111356	14 55		07.90- 12.95	110867	12 1.7
		07.90- 12.94	111364	14 55		07.90- 12.95	112290	12 2.2
		07.90- 12.94	111368	14 70				
	[RTE]	07.90- 12.95	111356	14 55		07.90- 12.95	110867	12 1.7
		07.90- 12.94	111364	14 55		07.90- 12.95	112290	12 2.2
		07.90- 12.94	111368	14 70				
	[RTE]	07.90- 12.95	111356	14 55		07.90- 12.95	110867	12 1.7
		07.90- 12.94	111364	14 55		07.90- 12.95	112290	12 2.2
		07.90- 12.94	111368	14 70				
	[RTE]	07.90- 12.95	111356	14 55		07.90- 12.95	110867	12 1.7
		07.90- 12.94	111364	14 55		07.90- 12.95	112290	12 2.2
		07.90- 12.94	111368	14 70				
	[RTE]	07.90- 12.95	111356	14 55		07.90- 12.95	110867	12 1.7
		07.90- 12.94	111364	14 55		07.90- 12.95	112290	12 2.2
		07.90- 12.94	111368	14 70				
	[RTE]	07.90- 12.95	111356	14 55		0		





Fiesta 1.0	[TKA]	05.76- 11.86	111289	14 70	05.76- 11.86	111053#	12 0.8
	[TKB]	08.83- 11.89	111362	14 55	A13 08.83- 11.89	111131	12 0.8
		09.83- 02.89	111289	14 70	08.83- 11.89	110337#	12 0.85
					08.83- 11.89	111053#	12 0.8
	[TLA]	05.76- 08.83	111289	14 70	05.76- 08.83	111053#	12 0.8
	[TLB]	03.89- 12.95	110891	14 70	A47 03.89- 12.95	111131	12 0.8
		03.89- 12.95	111362	14 55	03.89- 12.95	111053#	12 0.8
		RHD	111362	14 55			
Fiesta 1.0 i	[C4E]	09.99-	113447	14 70			
	[ZH10JRB]	02.97- 09.99	113447	14 70			
Fiesta 1.1	[G6A]	03.89- 12.95	110891	14 70	A47 03.89- 12.95	111131	12 0.8
		03.89- 12.95	111362	14 55	03.89- 12.95	110337#	12 0.85
	[GL1]	10.77- 11.86	111289	14 70	10.77- 11.86	110337#	12 0.85
					10.77- 11.86	111053#	12 0.8
	[GLA]	05.76- 11.86	111289	14 70	10.77- 11.86	110337#	12 0.85
					05.76- 11.86	111053#	12 0.8
	[GLC]	09.83- 02.89	111289	14 70	09.83- 02.89	111053#	12 0.8
		09.83- 02.89	111362	14 55	A13 09.83- 02.89	111131	12 0.8
					09.83- 02.89	110337#	12 0.85
	[GLW]	08.81- 08.83	111289	14 70	08.81- 08.83	111053#	12 0.8
	[GSF]	09.83- 02.89	111289	14 70	09.83- 02.89	110337#	12 0.85
		09.83- 02.89	111362	14 55	A13 09.83- 02.89	111131	12 0.8
					09.83- 02.89	111053#	12 0.8
	[GSH]	01.86- 02.89	111362	14 55	A31 05.86- 02.89	110337#	12 0.85
		05.86- 02.89	111289	14 70	A13 05.86- 02.89	111131	12 0.8
[GUD]	03.89- 12.95	110891	14 70	A47 03.89- 12.95	110337#	12 0.85	
	03.89- 12.95	111362	14 55	03.89- 12.95	111131	12 0.8	
[GUE]	03.89- 12.95	110891	14 70	A47 03.89- 12.95	110337#	12 0.85	
	03.89- 12.95	111362	14 55	03.89- 12.95	111131	12 0.8	
Fiesta 1.2 16V	[FUJA]				05.02-	111906	12 1.1
	[FUJB]	AC 05.02-	114129	14 90	05.02-	111906	12 1.1
	[M7JA]	AC 03.03-	114129	14 90	03.03-	111906	12 1.1
	[M7JB]	AC 03.03-	114129	14 90	03.03-	111906	12 1.1
Fiesta 1.2 i 16V	[DHA]	08.95- 01.02	113952	14 70	10.95-	111906	12 1.1
	[DHB]	08.95- 01.02	113952	14 70	10.98-	111906	12 1.1
	[DHC]	08.95- 01.02	113952	14 70	11.95-	111906	12 1.1
	[DHD]	08.95- 01.02	113952	14 70	08.95-	111906	12 1.1
	[DHE]	02.00- 01.02	113952	14 70	08.95-	111906	12 1.1
	[DHF]	02.00- 01.02	113952	14 70	08.95-	111906	12 1.1
	[DHG]	02.00- 01.02	113952	14 70	08.95-	111906	12 1.1
Fiesta 1.3	[A9JA]	11.01-	113883	14 90	11.01-	114162	12 1.1
	[A9JB]	11.01-	113883	14 90	11.01-	114162	12 1.1
	[BAJA]	11.01-	113883	14 90	11.01-	114162	12 1.1
	[J3E]	08.77- 08.83	111289	14 70	08.77- 08.83	111053#	12 0.8
		10.81- 08.83	111362	14 55			
	[J4C]				02.96-	113701	12 1.1
		PS 02.96-	113447	14 70	02.96-	111680	12 1.1
	[J6B]	05.91- 02.96	111362	14 55	01.95- 10.98	113701	12 1.1
					05.91- 02.96	111131	12 0.8
		01.97	110891	14 70	A47		
	[JBC]				03.89- 12.95	111131	12 0.8
		03.89- 12.92	110891	14 70	A47		
		06.91- 12.95	111362	14 55			
	RHD 02.84- 12.88	111364	14 55				
	RHD 02.84- 12.96	111368	14 70				
[JPC]	09.83- 01.87	110891	14 70	A47	A13 01.86- 01.87	111131	12 0.8
	09.83- 01.87	111289	14 70		09.83- 01.87	111053#	12 0.8
	09.83- 01.87	111362	14 55		09.83- 01.87	110337#	12 0.85
	RHD 02.84- 01.87	111364	14 55				
	RHD 02.84- 01.87	111368	14 70				
Fiesta 1.3 i	[J4C]	08.95- 01.02	113833	14 90	08.95- 01.02	113701	12 1.1
		PS 01.96-	113447	14 70	08.95- 01.02	111680	12 1.1
	[J4J]	08.95- 01.02	113833	14 90	08.95- 01.02	113701	12 1.1
		PS 10.98-	113447	14 70	08.95- 01.02	111680	12 1.1
	[J4L]	08.95-	111362	14 55	08.95- 01.02	111680	12 1.1
		08.95- 01.02	113833	14 90	08.95- 01.02	113701	12 1.1
		PS 03.00-	113447	14 70			
		AC 08.95- 02.00	113447	14 70			
	[J4Q]	08.95-	111362	14 55	08.95- 01.02	111680	12 1.1
		08.95- 01.02	113833	14 90	08.95- 01.02	113701	12 1.1
		PS 03.00-	113447	14 70			
		AC 08.95- 02.00	113447	14 70			
	[J4R]	08.95-	111362	14 55	08.95- 01.02	111680	12 1.1
		08.95- 01.02	113833	14 90	08.95- 01.02	113701	12 1.1
		PS 03.00-	113447	14 70			
		AC 08.95- 02.00	113447	14 70			
	[J4T]	08.95-	111362	14 55	08.95- 01.02	113701	12 1.1
		08.95- 01.02	113833	14 90	08.95- 01.02	111680	12 1.1
		PS 03.00-	113447	14 70			
		AC 08.95- 02.00	113447	14 70			
	[JJA]	08.85- 01.02	113833	14 90	02.96-	113701	12 1.1
		PS 01.96-	113447	14 70	08.95- 01.02	111680	12 1.1
	[JJC]	01.02-	113833	14 90	02.96-	113701	12 1.1
		PS 10.98-	113447	14 70	08.95- 01.02	111680	12 1.1
	[JJE]	01.02-	113833	14 90	02.96-	113701	12 1.1
		PS 03.00-	113447	14 70	08.95- 01.02	111680	12 1.1
		AC 08.95- 02.00	113447	14 70			





**FORD** Continued

	[JJJ]	01.02- 08.95- PS 03.00- AC 08.95- 02.00	113833 111362 113447 113447	14 90 14 55 14 70 14 70		08.95- 01.02 02.96-	111680 113701	12 1.1 12 1.1
	[JJK]	01.02- 08.95- PS 03.00- AC 08.95- 02.00	113833 111362 113447 113447	14 90 14 55 14 70 14 70		08.95- 01.02 02.96-	111680 113701	12 1.1 12 1.1
	[JJM]	01.02- 08.95- PS 08.95- AC 08.95- 02.00	113833 111362 113447 113447	14 90 14 55 14 70 14 70		08.95- 01.02 02.96-	111680 113701	12 1.1 12 1.1
Fiesta 1.4	[F4A]	03.89- 12.95	111176	14 75 A47		01.94- 12.95 01.94- 12.95	111750 111131	12 1.4 12 0.8
	[F6A]	10.86- 02.89 10.86- 02.89 RHD 10.86- 02.89 RHD 10.86- 02.89	110891 111362 111364 111368	14 70 A47 14 55 14 55 14 70		10.86- 02.89 A13 10.86- 02.89 10.86- 02.89	111053# 111131 110337#	12 0.8 12 0.8 12 0.85
	[F6C]	10.86- 02.89 10.86- 02.89 RHD 10.86- 02.89 RHD 10.86- 02.89	110891 111362 111364 111368	14 70 A47 14 55 14 55 14 70		10.86- 02.89 10.86- 02.89 A13 10.86- 02.89	111053# 110337# 111131	12 0.8 12 0.85 12 0.8
	[F6E]	03.89- 12.95	111176	14 75 A47		03.89- 12.95 11.91- 12.95	111131 111750	12 0.8 12 1.4
	[FUB]	09.83- 02.89 10.85- 11.89 RHD 09.83- 12.95 RHD 09.83- 12.95	111362 110891 111364 111368	14 55 14 70 A47 14 55 14 70		09.83- 02.89 09.83- 02.89 A13 01.86- 02.89	110337# 111053# 111131	12 0.85 12 0.8 12 0.8
	[FUBA]	09.83- 01.87	110891	14 70 A47		09.83- 01.87	110337#	12 0.85
	[FUD]	02.87- 02.89 02.87- 02.89 02.87- 02.89 RHD 02.87- 02.89 RHD 02.87- 02.89	110891 111176 111362 111364 111368	14 70 A47 14 75 A47 14 55 14 55 14 70		A13 02.87- 02.89 02.87- 02.89 02.87- 02.89	111131 111053# 110337#	12 0.8 12 0.8 12 0.85
	[FUG]	03.89- 12.95 03.89- 12.95	111176 111364	14 75 A47 14 55		11.91- 12.95 03.89- 12.95	111750 111131	12 1.4 12 0.8
	[FUJ]	03.89- 12.95 03.89- 12.95	111176 111364	14 75 A47 14 55		11.91- 12.95 03.89- 12.95	111750 111131	12 1.4 12 0.8
	[SPJA]	10.08-	114883*	14 120		10.08-	111906	12 1.1
	[SPJC]	10.08-	114883*	14 120				
Fiesta 1.4 i	[FHA]	04.96- 10.99	113952	14 70		04.96-	111906	12 1.1
Fiesta 1.4 i 16V	[FHA]	04.96- 01.02	113952	14 70		10.95-	111906	12 1.1
	[FHE]	04.96- 01.02	113952	14 70		04.96- 12.00	111906	12 1.1
	[FXJA]	AC 11.01-	114129	14 90		11.01-	111906	12 1.1
	[FXJB]					11.01-	111906	12 1.1
Fiesta 1.4 LPG	[RTJA]	01.09-	114883*	14 120		01.09-	111906	12 1.1
Fiesta 1.4 TDCi	[F6JA]	11.01- 11.01-	113912 114128	14 80 14 150		11.01-	113905	12 1.4
	[F6JB]	11.01- 11.01-	113912 114128	14 80 14 150		11.01-	113905	12 1.4
	[F6JD]					07.10-	113905	12 1.4
Fiesta 1.5 TDCi	[UGJC]					09.12-	113905	12 1.4
						10.12-	113905	12 1.4
Fiesta 1.6	[HXJA]	10.08-	114883*	14 120		10.08-	111906	12 1.1
	[HXJB]	10.08-	114883*	14 120				
	[LUH]	01.89- 01.94 01.89- 01.94 RHD 01.89-	111176 111364 111086	14 75 A47 14 55 14 65		11.91- 01.94 01.89- 01.94	111750 111131	12 1.4 12 0.8
Fiesta 1.6 XR2	[L3E]	08.81- 08.83 08.81- 02.89	111289 111362	14 70 14 55		08.81- 08.83	111053#	12 0.8
	[LUB]	04.84- 02.89 04.84- 02.89 04.84- 02.89 04.84- 02.89	110891 111289 111362 111364	14 70 A47 14 70 14 55 14 55		AT 04.84- 02.89	110337#	12 0.85
	[LUD]	03.84- 02.89 03.84- 02.89 03.84- 02.89 03.84- 12.95	110891 111289 111362 111364	14 70 A47 14 70 14 55 14 55		AT 03.84- 02.89	110337#	12 0.85
Fiesta 1.6 XR2i	[LJC]	03.89- 01.94 03.89- 12.95	111176 111364	14 75 A47 14 55		11.91- 12.95 03.89- 12.95	111750 111131	12 1.4 12 0.8
	[LJD]	03.89- 03.93 03.89- 12.95	111176 111364	14 75 A47 14 55		11.91- 12.95 03.89- 12.95	111750 111131	12 1.4 12 0.8
Fiesta 1.6 16V	[FYJA]	AC 11.01-	114129	14 90		11.01-	111906	12 1.1
	[FYJB]	AC 11.01-	114129	14 90				
Fiesta 1.6 16V Sport	[L1T]	02.00- 01.02	113952	14 70		10.99-	111906	12 1.1
	[L1V]	02.00- 01.02	113952	14 70		10.99-	111906	12 1.1
Fiesta 1.6 i 16V	[L1G]	01.94- 12.95	111293	14 70		01.94- 12.95	111750	12 1.4
Fiesta 1.6 Ti	[IQJA]	09.12-	114883*	14 120		09.12-	111906	12 1.1
Fiesta 1.6 Turbo	[LHA]	03.90- 10.92 03.90- 10.92	111176 111364	14 75 A47 14 55		03.90- 10.92	111131	12 0.8
Fiesta 1.6 Diesel	[LTB]	04.84- 02.89 04.84- 02.89 04.84- 02.89	111356 111364 111368	14 55 14 55 14 70		04.84- 02.89	110867	12 1.7
Fiesta 1.6 TDCi	[HHJA]	11.04- 11.04-	113849 113922	14 150 14 120		11.04-	113905	12 1.4



	[HHJB]	11.04- 11.04-	113849 113922	14 150 14 120		11.04-	113905	12 1.4
	[HHJD]					10.08-	113905	12 1.4
	[HHJF]					10.08-	113905	12 1.4
	[T3JA]					10.08-	113905	12 1.4
Fiesta 1.8 16V	[RDB]	02.92- 12.95	111293	14 70		02.92- 12.95	111750	12 1.4
Fiesta 1.8 16V XR2i	[ROC]	02.92- 12.95	111293	14 70		02.92- 12.95	111750	12 1.4
						02.92-	111131	12 0.8
Fiesta 1.8 Diesel	[RTC]	03.89- 02.96	111356	14 55		03.89- 02.96	112290	12 2.2
		03.89- 02.96	111364	14 55		03.89- 02.96	110867	12 1.7
	[RTD]	03.89- 02.96	111356	14 55		03.89- 02.96	112290	12 2.2
		03.89- 02.96	111364	14 55		03.89- 02.96	110867	12 1.7
	[RTG]	03.89- 02.96	111356	14 55		03.89- 02.96	112290	12 2.2
		03.89- 02.96	111364	14 55		03.89- 02.96	110867	12 1.7
	[RTJ]	01.96-	112121	14 70		01.96-	112290	12 2.2
						01.96-	110867	12 1.7
	[RTK]	01.96-	112121	14 70		01.96-	112290	12 2.2
						01.96-	110867	12 1.7
	[RTN]	04.00- 01.02	112654	14 90		04.00- 01.02	112290	12 2.2
		04.00- 01.02	113599	14 80		04.00- 01.02	110867	12 1.7
		A17 04.00- 01.02	114066	14 90				
	[RTP]	04.00- 01.02	112654	14 90		02.00- 12.02	112290	12 2.2
		04.00- 01.02	113599	14 80				
	[RTO]	04.00- 01.02	112654	14 90		02.00- 12.02	112290	12 2.2
		04.00- 01.02	113599	14 80				
		A17 04.00- 01.02	114066	14 90				
Fiesta 1.8 TD	[RFL]	03.93- 12.95	111356	14 55		03.93- 12.95	112290	12 2.2
						03.93- 12.95	110867	12 1.7
	[RTN]	03.00-	112654	14 90		03.00-	112290	12 2.2
		03.00-	113599	14 80				
		03.00-	114066	14 90				
	[RTP]	03.00-	114066	14 90				
	[RTO]	03.00-	114066	14 90				
Focus 1.4	[ASDA]	11.04- 04.05-	114009 111795	14 105 14 80		11.04-	111906	12 1.1
	[ASDB]	11.04- 04.05-	114009 111795	14 105 14 80		11.04-	111906	12 1.1
Focus 1.4 i 16V	[FXDA]	10.98- 11.04	113952	14 70		10.98-	111906	12 1.1
		02.99- 06.03	111795	14 80				
	[FXDB]	10.98- 10.98- 11.04	111795 113952	14 80 14 70		10.98-	111906	12 1.1
	[FXDC]	10.98- 11.04	113952	14 70		10.98-	111906	12 1.1
		02.99- 06.03	111795	14 80				
	[FXDD]	10.98- 10.98- 11.04	111795 113952	14 80 14 70		10.98-	111906	12 1.1
Focus 1.6	[HWDA]	11.04-	114009	14 105		11.04-	111906	12 1.1
	[HWDB]	11.04-	114009	14 105		11.04-	111906	12 1.1
	[SHDA]	11.04-	114009	14 105				
	[SHDB]	10.06-	114009	14 105		10.06-	111906	12 1.1
	[SHDC]	10.06-	114009	14 105		10.06-	111906	12 1.1
Focus 1.6 C-Max	[HWDA]	10.03- 03.07	111795	14 80		10.03-	111906	12 1.1
		10.03- 03.07	114009	14 105				
	[HWDB]	10.03- 03.07	114009	14 105				
Focus 1.6 FlexFuel	[FYDH]	01.02- 11.04	113952	14 70				
		01.02- 11.04	114009	14 105				
Focus 1.6 i 16V	[FYDA]	10.98- 10.98- 11.04	111795 113952	14 80 14 70		10.98-	111906	12 1.1
	[FYDB]	10.98- 10.98- 11.04	111795 113952	14 80 14 70		10.98-	111906	12 1.1
	[FYDC]	10.98- 10.98- 11.04	111795 113952	14 80 14 70		10.98-	111906	12 1.1
	[FYDD]	10.98- 10.98- 11.04	111795 113952	14 80 14 70		10.98-	111906	12 1.1
	[FYDH]	10.98- 11.04	113952	14 70				
Focus 1.6 Ti	[HXDA]	11.04-	114009	14 105		04.05- 11.04-	111906 111909	12 1.1 12 1.1
	[XTDA]	08.11-	114883*	14 120		08.11-	111906	12 1.1
Focus 1.6 Ti C-Max	[HXDA]	08.04-	114009	14 105		08.04-	111906	12 1.1
Focus 1.6 LPG	[SIDA]	10.09-	114009	14 105				
Focus 1.6 TDCi	[G8DA]	11.04- 11.04-	113849 113922	14 150 14 120		11.04-	113908	12 1.2
	[G8DB]	11.04- 11.04-	113849 113922	14 150 14 120		11.04-	113908	12 1.2
	[G8DC]	11.04- 11.04-	113849 113922	14 150 14 120		11.04-	113908	12 1.2
	[HHDA]	11.04- 11.04-	113849 113922	14 150 14 120		11.04-	113908	12 1.2
	[HHDB]	11.04- 11.04-	113849 113922	14 150 14 120		11.04-	113908	12 1.2
	[MTDA]	11.04- 11.04-	113849 113922	14 150 14 120		11.04-	113908	12 1.2
	[T1DA]					04.11-	113908	12 1.2
	[T1DB]					04.11-	113908	12 1.2
	[T3DA]					04.11-	113908	12 1.2
	[T3DB]					04.11-	113908	12 1.2
		12.07-	113922	14 120		12.07-	113908	12 1.2
		12.07-	113849	14 150				
Focus 1.6 TDCi C-Max	[G8DA]	10.03- 03.07	113849	14 150		10.03- 03.07	113908	12 1.2
		10.03- 03.07	113922	14 120				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

FORD Continued

	[G8DB]	10.03- 03.07	113849	14 150		10.03- 03.07	113908	12 1.2
		10.03- 03.07	113922	14 120				
	[HHDA]	02.05- 03.07	113849	14 150		02.05- 03.07	113908	12 1.2
		02.05-	113922	14 120				
	[HHDB]	02.05- 03.07	113849	14 150		02.05- 03.07	113908	12 1.2
		02.05-	113922	14 120				
Focus 1.6 TDCi ECONetic	[NGDA]					05.12-	113908	12 1.2
Focus 1.8	[QODB]	03.06-	113978	14 120		03.06-	113906	12 1.2
		03.06-	114065	14 120		03.06-	113907	12 1.2
	[QQDC]	09.05- 03.07	113978	14 120		09.05- 03.07	113907	12 1.2
		09.05- 03.07	114065	14 120		09.05- 03.07	113906	12 1.2
Focus 1.8 C-Max	[CSDA]	10.03- 03.07	113978	14 120		10.03- 03.07	113906	12 1.2
		10.03- 03.07	114065	14 120		10.03- 03.07	113907	12 1.2
	[CSDB]	10.03- 03.07	113978	14 120		10.03- 03.07	113906	12 1.2
		10.03- 03.07	114065	14 120		10.03- 03.07	113907	12 1.2
	[Q7DA]	06.03-	113978	14 120		04.04-	113906	12 1.2
		04.04-	114065	14 120		04.04-	113907	12 1.2
	[QQDA]	06.03- 03.07	113978	14 120		04.04-	113906	12 1.2
		04.04-	114065	14 120		04.04-	113907	12 1.2
	[QODB]	06.03-	113978	14 120		04.04-	113906	12 1.2
		04.04-	114065	14 120		04.04-	113907	12 1.2
Focus 1.8 C-Max Flexifuel	[Q7DA]	01.06-	114065	14 120		01.06- 03.07	113907	12 1.2
Focus 1.8 FlexFuel	[Q7DA]	01.06-	113978	14 120		06.06-	113906	12 1.2
		01.06-	114065	14 120		01.06-	113907	12 1.2
Focus 1.8 i 16V	[EYDC]	10.98-	112143	14 80		A13 10.98-	112235	12 1.4
Focus 1.8 TDCi	[F9DA]	03.01-	112142	14 90		03.01- 11.04	114119	12 2.2
	[F9DB]	03.01-	112142	14 90		03.01- 11.04	114119	12 2.2
	[FFDA]	09.02-	112142	14 90		09.02- 11.04	114119	12 2.2
	[KKDA]	AC, w/electrical heatina svstem	11.04-	114248	14 150	11.04-	114092	12 2.0
		AC 11.04- 01.08	114250	14 120				
Focus 1.8 TDCi C-Max	[KKDA]	AC, w/electrical heatina svstem	01.05-	114248	14 150	01.05-	114092	12 2.0
		AC 01.05- 03.07	114250	14 120				
Focus 1.8 TDDi	[BHDA]	08.99-	112142	14 90		08.99- 05.01	112290	12 2.2
		08.99- 11.04	113710	14 140		05.01- 05.05	114119	12 2.2
	[BHDB]	08.99-	112142	14 90		08.99- 05.01	112290	12 2.2
		08.99- 11.04	113710	14 140		05.01- 05.05	114119	12 2.2
	[C9DA]	10.98- 12.00	112142	14 90		05.01- 05.05	114119	12 2.2
		10.98- 11.04	113710	14 140		10.98- 05.01	112290	12 2.2
	[C9DB]	10.98- 12.00	112142	14 90		05.01- 05.05	114119	12 2.2
		10.98- 11.04	113710	14 140		01.99- 05.01	112290	12 2.2
	[C9DC]	10.98-	112142	14 90		10.98- 05.01	112290	12 2.2
		10.98- 11.04	113710	14 140		05.01- 05.05	114119	12 2.2
Focus 2.0	[ALDA]	03.02- 06.03	112143	14 80				
		AT 03.02- 06.03	112142	14 90				
	[AODA]	11.04-	113978	14 120		11.04-	113906	12 1.2
		04.05-	114065	14 120				
	[AODB]	11.04-	113978	14 120		11.04-	113906	12 1.2
	[R9DA]					07.12-	113906	12 1.2
Focus 2.0 C-Max	[AODA]	04.04- 03.07	113978	14 120		04.04- 03.07	113906	12 1.2
	[AODB]	04.04- 03.07	113978	14 120		04.04- 03.07	113906	12 1.2
Focus 2.0 RS	[HMDA]	10.02-	112142	14 90		10.02- 11.04	112235	12 1.4
		10.02-	112143	14 80				
Focus 2.0 16V	[EDDB]	AT 10.01-	112142	14 90		10.98-	112235	12 1.4
	[EDDC]	10.98-	112143	14 80		10.98-	112235	12 1.4
		AT 11.98-	112142	14 90				
	[EDDD]	AT 10.01-	112142	14 90		10.98-	112235	12 1.4
	[EDDF]	AT 10.01-	112142	14 90		10.98-	112235	12 1.4
Focus 2.0 CNG	[SYDA]	04.09-	113978	14 120				
		04.09-	114065	14 120				
Focus 2.0 LPG	[SYDA]	06.08-	113978	14 120				
		06.08-	114065	14 120				
Focus 2.0 TDCi	[G6DA]	11.04-	113849	14 150		11.04-	113911	12 2.2
		11.04-	113922	14 120				
	[G6DB]	11.04-	113849	14 150		11.04-	113911	12 2.2
		11.04-	113922	14 120				
	[G6DC]	10.03- 03.07	113922	14 120		10.03- 03.07	113911	12 2.2
	[G6DD]	11.04-	113849	14 150		11.04-	113911	12 2.2
		11.04-	113922	14 120				
	[G6DE]	11.04-	113849	14 150		11.04-	113911	12 2.2
		11.04-	113922	14 120				
	[G6DF]	11.04-	113849	14 150		11.04-	113911	12 2.2
		11.04-	113922	14 120				
		11.04-	114451	14 105				
	[IXDA]	02.08-	113849	14 150		02.08-	113911	12 2.2
		02.08-	113922	14 120				
	[TXDB]					04.11-	113911	12 2.2
	[TYDA]					04.11-	113911	12 2.2
	[UFDB]					04.11-	113911	12 2.2
	[UKDB]					04.11-	113911	12 2.2
Focus 2.0 TDCi C-Max	[G6DA]	10.03- 03.07	113849	14 150		10.03- 03.07	113911	12 2.2
		10.03- 03.07	113922	14 120				
	[G6DB]	10.03- 03.07	113849	14 150		10.03- 03.07	113911	12 2.2
		10.03- 03.07	113922	14 120				
	[G6DD]	10.03- 03.07	113849	14 150		10.03- 03.07	113911	12 2.2
		10.03- 03.07	113922	14 120				
Focus 2.5	[JZDA]	01.09-	114157	14 120				
Focus 2.5 ST	[HYDA]	10.05-	114157	14 120		10.05-	114315	12 1.4
Fusion 1.2	[FUJA]	AC 08.04-	114129	14 90		08.04-	111906	12 1.1

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	[FUJB]	AC 08.04-	114129	14	90		08.04-	111906	12	1.1
Fusion 1.4	[FXJB]	AC 08.02-	114129	14	90					
	[FXJC]	AC 08.02-	114129	14	90		08.02-	111906	12	1.1
	[UTJA]	01.10-	114129	14	90		01.10-	111906	12	1.1
Fusion 1.4 TDCi	[F6JA]	08.02-	113912	14	80		08.02-	113905	12	1.4
		08.02-	114128	14	150					
	[F6JB]	08.02-	113912	14	80		08.02-	113905	12	1.4
		08.02-	114128	14	150					
Fusion 1.6	[FYJA]	AC 08.02-	114129	14	90		08.02-	111906	12	1.1
	[FYJB]	AC 08.02-	114129	14	90					
Fusion 1.6 TDCi	[HHJA]	11.04-	113849	14	150		11.04-	113905	12	1.4
		11.04-	113922	14	120					
	[HHJB]	11.04-	113849	14	150		11.04-	113905	12	1.4
		11.04-	113922	14	120					
Galaxy 1.8 TDCi	[FFWA]						05.06-	114092	12	2.0
	[QYWA]						05.06-	114092	12	2.0
Galaxy 1.9 TDi	[TZ]	02.95- 09.96	111353	14	70		02.95- 09.96	111900	12	1.8
		02.95- 09.96	111477	14	90		02.95- 09.96	115503	12	1.8 A49
		02.95- 09.96	111988	14	120					
	[AFN]	06.99- 03.00	115483	14	120 A49		08.97- 04.00	111900	12	1.8
							11.97- 03.00	115503	12	1.8 A49
	[AHU]	09.96- 03.00	111353	14	70		09.96- 03.00	115503	12	1.8 A49
		09.96- 03.00	111477	14	90		09.96- 03.00	111900	12	1.8
		09.96- 03.00	111988	14	120					
	[ANU]	03.95-	112002	14	120 A47		04.00-	112429	12	2.0
		03.95-	112079	14	90 A47		09.99- 03.00	115503	12	1.8 A49
		03.95-	114797	14	120 A46					
		09.99- 08.06	115483	14	120 A49					
	[ASZ]	02.03-	112002	14	120 A47		02.03-	112429	12	2.0
		02.03-	112079	14	90 A47					
		02.03-	114797	14	120 A46					
	02.03-	115483	14	120 A49						
[AUY]	04.00-	112002	14	120 A47		04.00-	112429	12	2.0	
	04.00-	112079	14	90 A47						
	04.00-	114797	14	120 A46						
	04.00-	115483	14	120 A49						
[AVG]	08.97- 04.00	112002	14	120 A47		08.97-	112286	12	1.7	
	08.97- 04.00	112079	14	90 A47		06.99- 03.00	115503	12	1.8 A49	
	08.97- 04.00	114797	14	120 A46						
	11.97- 06.99	111477	14	90						
	11.97- 09.98	111988	14	120						
	09.98- 06.99	111828	14	120						
	06.99- 03.00	115483	14	120 A49						
[BTB]	05.05-	112079	14	90 A47		05.05-	112429	12	2.0	
Galaxy 2.0	[AOWA]	05.06-	115417*	14	150		05.06-	113906	12	1.2
	[AOWB]	05.06-	115417*	14	150		05.06-	113906	12	1.2
Galaxy 2.0 EcoBoost	[TNWB]					07.10-	113906	12	1.2	
Galaxy 2.0 i	[NSE]	04.00-	112002	14	120 A47		A13 11.95- 03.00	111900	12	1.8
		04.00-	112079	14	90 A47		AT 11.95- 03.00	112286	12	1.7
		04.00-	114797	14	120 A46		AT 11.95- 03.00	111748	12	1.1
		04.00-	115483	14	120 A49		AT 07.98- 03.00	111909	12	1.1
							11.95- 03.00	111749	12	1.1
							04.00-	112429	12	2.0
						11.95- 03.00	115503	12	1.8 A49	
						07.98- 03.00	115504	12	1.1 A49	
[ZVSA]	01.01-	112002	14	120 A47		01.01-	111749	12	1.1	
	01.01-	114797	14	120 A46						
Galaxy 2.0 FlexFuel	[TBWA]	05.06-	115417*	14	150		05.06-	113906	12	1.2
	[TBWB]	05.06-	115417*	14	150		05.06-	113906	12	1.2
Galaxy 2.0 TDCi	[AZWA]						05.06-	113911	12	2.2
	[KLWA]						11.07-	113911	12	2.2
	[QXWA]						05.06-	113911	12	2.2
	[OXWB]						05.06-	113911	12	2.2
	[TYWA]						11.07-	113911	12	2.2
	[UKWA]						05.06-	113911	12	2.2
Galaxy 2.3	[SEWA]					07.07-	113906	12	1.2	
Galaxy 2.3 16V	[E5SA]						01.97-	111900	12	1.8
							04.00- 08.06	115504	12	1.1 A49
	[E5SB]						09.01-	115504	12	1.1 A49
	[Y5B]	01.97-	112002	14	120 A47		01.97- 03.00	111900	12	1.8
	01.97-	114797	14	120 A46		AT 01.97- 03.00	112286	12	1.7	
						01.97- 03.00	115503	12	1.8 A49	
Galaxy 2.8 24V	[AYL]	04.00-	112002	14	120 A47		04.00-	112429	12	2.0
		04.00-	113884	14	150					
		04.00-	114797	14	120 A46					
		04.00-	115483	14	120 A49					
Galaxy 2.8 i	[AMY]	05.95-	112709	14	120					
		04.98- 03.00	113885	14	150					
	[AAA]	02.95- 04.98	113885	14	150		11.95-	112166	12	1.7
	05.95- 04.98	112709	14	120		AT 11.95-	112286	12	1.7	
Galaxy 2.8 i 4x4	[AMY]	04.96-	112709	14	120					
		04.98- 03.00	113885	14	150					
	[AAA]	04.96-	112709	14	120		04.96-	112286	12	1.7
		07.96- 04.98	113885	14	150		04.96-	112166	12	1.7
Granada 1.6	[LCK]	07.81- 08.85	111086	14	65		07.81- 08.85	110336	12	0.75
Granada 1.7	[MWB]	03.75- 02.76	110759	14	35					
	[MY]	08.77- 06.79	111289	14	70		08.77- 06.79	110771	12	0.8
						08.77- 06.79	110868#	12	1.1	

## STARTERS & ALTERNATORS

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Application list

FORD Continued

	[MYE]	08.77- 07.81	111289	14	70		08.77- 07.81	110868#	12	1.1
							08.77- 07.81	110771	12	0.8
	[TV17H]	03.72- 02.75	110759	14	35		03.72- 02.75	110771	12	0.8
	[TV17LC]	08.77- 08.81	111289	14	70		08.77- 05.82	110868#	12	1.1
							08.77- 05.82	110771	12	0.8
Granada 1.9 Diesel		08.77- 08.82	111289	14	70					
Granada 2.0	[NEK]	08.81- 08.85	111086	14	65		RHD 08.81- 08.85	110831	12	0.8
							08.81- 08.85	110336	12	0.75
	[NEP]	08.79- 08.85	111086	14	65					
	[NX]	01.76- 08.77	111086	14	65		01.76- 08.77	110868#	12	1.1
		01.76- 08.77	111289	14	70					
	[NY]	01.75-	110237	14	60		AT 01.75- 08.77	110868#	12	1.1
		01.75- 08.85	111086	14	65		01.75- 08.77	110771	12	0.8
	[NYP]	01.76- 07.77	111086	14	65		08.77- 08.85	110771	12	0.8
		08.77- 08.85	111289	14	70		08.77- 08.85	110868#	12	1.1
		08.77- 08.85	111362	14	55		RHD 08.77- 08.85	110831	12	0.8
		08.77- 07.79	111086	14	65		01.76- 07.79	110868#	12	1.1
		08.77- 07.79	111289	14	70					
Granada 2.1 Diesel	[WTA]	08.77- 08.82	111086	14	65					
Granada 2.3	[YYH]	01.72- 12.74	110759	14	35		01.72- 06.79	110868#	12	1.1
							08.77- 06.79	110771	12	0.8
		08.77- 04.85	111289	14	70					
		08.77- 06.79	111362	14	55					
	[YYP]	06.79- 08.85	111289	14	70		06.79- 08.85	110868#	12	1.1
		06.79- 08.85	111362	14	55		06.79- 08.85	110771	12	0.8
	[YYU]	06.81- 08.85	111289	14	70		06.81- 08.85	110771	12	0.8
		06.81- 08.85	111362	14	55		06.81- 08.85	110868#	12	1.1
Granada 2.6	[UY]	01.72- 02.76	111289	14	70		01.72- 02.76	110868#	12	1.1
							12.75- 08.77	110868#	12	1.1
Granada 2.8	[PYA]	08.77- 08.85	111289	14	70		08.77- 08.85	110771	12	0.8
		08.77- 08.85	111362	14	55		08.77- 08.85	110868#	12	1.1
	[PYU]	06.81- 08.85	111289	14	70		06.81- 08.85	110771	12	0.8
		06.81- 08.85	111362	14	55		06.81- 08.85	110868#	12	1.1
Granada 2.8 i	[PRB]						08.77- 08.81	110771	12	0.8
							08.77- 08.81	110868#	12	1.1
	[PRC]						10.82- 08.85	110771	12	0.8
							05.85- 08.87	110842	12	1.4
							10.82- 08.85	110868#	12	1.1
	[PRD]						08.77- 08.85	110771	12	0.8
							08.77- 08.85	110868#	12	1.1
Granada 3.0	[HY]	01.72- 02.76	111086	14	65					
Grand C-Max 1.6 Ti-CVT	[IQDA]	12.10-	114883*	14	120		12.10-	111906	12	1.1
	[IQDB]						12.10-	111906	12	1.1
	[PNDA]	12.10-	114883*	14	120		12.10-	111906	12	1.1
Grand C-Max 1.6 TDCi	[T1DB]						12.10-	113908	12	1.2
	[T3DA]						12.10-	113908	12	1.2
	[T3DB]						12.10-	113908	12	1.2
Grand C-Max 2.0 TDCi	[TYDA]						02.11-	113911	12	2.2
	[UFDB]						02.11-	113911	12	2.2
	[UKDB]						02.11-	113911	12	2.2
Ka 1.0 i	[C4B]	07.97- 09.99	113447	14	70		07.97- 09.99	111680	12	1.1
	[C4C]	09.99-	113447	14	70		09.99-	111680	12	1.1
Ka 1.2	[169A4.000]						02.09-	113962	12	0.9
							02.09-	115312	12	1.1
Ka 1.3 i	[A9A]	08.02-	113883	14	90		08.02-	114162	12	1.1
	[A9B]	08.02-	113883	14	90		08.02-	114162	12	1.1
	[BAA]	09.96-	113833	14	90		09.96-	111680	12	1.1
							09.96-	114162	12	1.1
	[J4D]	09.96-	113833	14	90		09.96-	111680	12	1.1
		PS 09.96-	113447	14	70					
	[J4K]	09.96-	113833	14	90		09.96- 10.02	111680	12	1.1
		PS 09.96-	113447	14	70					
	[J4M]	09.96-	113833	14	90		09.96- 10.02	111680	12	1.1
		PS 09.96-	113447	14	70					
	[J4N]	09.96-	113833	14	90		09.96- 10.02	111680	12	1.1
		PS 09.96-	113447	14	70					
	[J4P]	09.96-	113833	14	90		09.96- 10.02	111680	12	1.1
		PS 09.96-	113447	14	70					
	[J4S]	09.96-	113833	14	90		09.96- 10.02	111680	12	1.1
		PS 09.96-	113447	14	70					
	[JJB]	09.96-	113833	14	90		09.96-	111680	12	1.1
		PS 09.96-	113447	14	70					
	[JJD]	06.98-	113833	14	90		06.98-	111680	12	1.1
		PS 06.98- 10.02	113447	14	70					
	[JJF]	06.98-	113833	14	90		06.98-	111680	12	1.1
		PS 06.98- 10.02	113447	14	70					
	[JJG]	06.98-	113833	14	90		06.98-	111680	12	1.1
		PS 06.98- 10.02	113447	14	70					
	[JJH]	06.98-	113833	14	90		06.98-	111680	12	1.1
		PS 06.98- 10.02	113447	14	70					
	[JJL]	06.98-	113833	14	90		06.98-	111680	12	1.1
		PS 06.98- 10.02	113447	14	70					
Ka 1.3 TDCi	[169A1.000]						02.09-	115400	12	1.4
Ka 1.6 Street	[CDRA]	05.03- 07.05	113883	14	90		05.03- 07.05	114162	12	1.1
	[CDRB]	05.03- 07.05	113883	14	90		05.03- 07.05	114162	12	1.1
Ka 1.6 i	[CDB]	07.03-	113883	14	90		07.03-	114162	12	1.1
	[CDC]	07.03-	113883	14	90		07.03-	114162	12	1.1
Kuga 2.0 TDCi	[G6DG]	03.08-	113849	14	150		03.08-	113911	12	2.2
		03.08-	113922	14	120					



	[UFDA]	02.08-	113849	14 150				
		02.08-	113922	14 120				
	[UKDA]	03.08-	113849	14 150	03.08-	113911	12 2.2	
		03.08-	113922	14 120				
					03.13-	113911	12 2.2	
Kuga 2.0 TDCi 4x4	[G6DG]	03.08-	113849	14 150	03.08-	113911	12 2.2	
		03.08-	113922	14 120				
	[UKDA]	03.08-	113849	14 150	03.08-	113911	12 2.2	
		03.08-	113922	14 120				
					03.13-	113911	12 2.2	
Maverick 2.0 16V	[YF]	02.01-	112198	14 105	02.01-	112340	12 1.4	
Maverick 2.3 16V	[GZ]				03.04-	113906	12 1.2	
Maverick 2.4 i	[KA24-E]				02.93- 08.96	111485	12 1.2	
Maverick 2.7 TD	[TD27]	02.93- 08.96	112086	14 60	02.93- 08.96	111805	12 2.5	
	[TD27E]	09.96- 04.98	111980	14 70				
Maverick 3.0 V6 24V	[AJ]				02.01- 12.03	111374	12 1.5	
Mondeo 1.6 i	[L1J]	09.96- 05.98	111427	14 90	09.96- 03.98	112235	12 1.4	
		05.98-	112198	14 105	AT 08.96- 08.98	112340	12 1.4	
	[L1L]	05.98-	112198	14 105	AT 05.98-	112340	12 1.4	
					05.98-	112235	12 1.4	
	[L1N]	05.98-	112198	14 105	AT 05.98- 11.00	112340	12 1.4	
					05.98- 11.00	112235	12 1.4	
	[L1Q]	05.98-	112198	14 105	AT 05.98- 11.00	112340	12 1.4	
					05.98- 11.00	112235	12 1.4	
Mondeo 1.6 i 16V	[L1F]	02.93- 08.96	111427	14 90	AT 06.93- 08.96	112340	12 1.4	
					02.93- 02.94	112141	12 1.0	
					02.94- 08.96	112235	12 1.4	
	[L1J]	02.93- 08.96	111427	14 90	AT 07.94- 08.96	112340	12 1.4	
					07.94- 08.96	112235	12 1.4	
Mondeo 1.6 Ti-VCT	[KGBA]				07.10-	111906	12 1.1	
Mondeo 1.8 16V	[CGBA]	11.00-	113708	14 115	11.00-	113794	12 1.4	
		11.00-	113709	14 115				
	[CGBB]	11.00-	113708	14 115	11.00-	113794	12 1.4	
		11.00-	113709	14 115				
	[CHBA]	11.00-	113708	14 115	11.00-	113794	12 1.4	
		11.00-	113709	14 115				
	[CHBB]	11.00-	113708	14 115	11.00-	113794	12 1.4	
		11.00-	113709	14 115				
Mondeo 1.8 i	[RKB]	09.96- 05.98	111427	14 90	09.96-	112235	12 1.4	
		05.98-	112198	14 105	AT 08.96- 09.00	112340	12 1.4	
					09.96-	112141	12 1.0	
	[RKF]	08.98-	112198	14 105	09.96-	112235	12 1.4	
					AT 09.96-	112340	12 1.4	
					09.96-	112141	12 1.0	
	[RKH]	09.96- 05.98	111427	14 90	09.96- 11.00	112235	12 1.4	
		05.98-	112198	14 105	AT 09.96- 11.00	112340	12 1.4	
	[RKJ]	08.98-	112198	14 105	AT 09.96-	112340	12 1.4	
					09.96-	112141	12 1.0	
					09.96-	112235	12 1.4	
	[RKK]	09.96- 05.98	111427	14 90	AT 09.96- 11.00	112340	12 1.4	
		05.98-	112198	14 105	09.96- 11.00	112235	12 1.4	
Mondeo 1.8 i 16V	[RKA]	02.93- 08.96	111427	14 90	02.94- 08.96	112235	12 1.4	
					AT 06.93- 08.96	112340	12 1.4	
					02.93- 02.94	112141	12 1.0	
	[RKB]	01.94- 08.96	111427	14 90	02.94- 08.96	112235	12 1.4	
					AT 01.94- 08.96	112340	12 1.4	
Mondeo 1.8 i 16V 4x4	[RKA]	02.93- 08.96	111427	14 90	02.93- 02.94	112141	12 1.0	
					AT 02.93- 08.96	112340	12 1.4	
					03.94- 08.96	112235	12 1.4	
					02.93- 08.96	112340	12 1.4	
Mondeo 1.8 Sci	[CFBA]	06.03-	113708	14 115	AT 06.03-	111374	12 1.5	
		06.03-	113709	14 115	06.03-	113794	12 1.4	
Mondeo 1.8 TD	[RFM]	06.93- 08.96	112151	14 95	06.93- 08.96	112290	12 2.2	
					03.93- 08.96	110867	12 1.7	
	[RFN]	06.93- 08.96	112151	14 95	06.93- 08.96	112290	12 2.2	
					06.93- 08.96	110867	12 1.7	
Mondeo 1.8 TDCi	[FFBA]				03.07-	114092	12 2.0	
	[KHBA]				06.07-	114092	12 2.0	
	[QYBA]				06.07-	114092	12 2.0	
Mondeo 2.0	[AOBA]	03.07-	115417*	14 150	03.07-	113906	12 1.2	
	[AOBC]	03.07-	115417*	14 150	03.07-	113906	12 1.2	
	[AOCA]	03.07-	115417*	14 150	03.07-	113906	12 1.2	
	[TBBA]	03.07-	115417*	14 150	03.07-	113906	12 1.2	
Mondeo 2.0 16V	[CJBA]	A34 11.00-	113708	14 115	11.00-	113794	12 1.4	
		A34 11.00-	113709	14 115				
	[CJBB]	A34 11.00-	113708	14 115	11.00-	113794	12 1.4	
		A34 11.00-	113709	14 115				
	[NGA]	01.93- 08.96	111427	14 90	AT 01.93- 08.96	112340	12 1.4	
					01.93- 08.96	112235	12 1.4	
Mondeo 2.0 i	[NGA]	09.96- 05.98	111427	14 90	09.96- 03.98	112235	12 1.4	
		05.98-	112198	14 105	AT 08.96- 09.00	112340	12 1.4	
	[NGB]	09.96- 05.98	111427	14 90	09.96- 03.98	112235	12 1.4	
		05.98-	112198	14 105	AT 09.96- 09.00	112340	12 1.4	
	[NGC]	09.96- 05.98	111427	14 90	09.96- 03.98	112235	12 1.4	
		05.98-	112198	14 105	AT 08.96- 09.00	112340	12 1.4	
	[NGD]	09.96- 05.98	111427	14 90	09.96- 03.98	112235	12 1.4	
		05.98-	112198	14 105	AT 08.96- 09.00	112340	12 1.4	

## STARTERS & ALTERNATORS

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Mondeo 2.0 i 16V	[NGA]	02.93- 08.96	111427	14	90		02.94- 08.96	112235	12	1.4
						AT	06.93- 08.96	112340	12	1.4
							02.93- 02.94	112141	12	1.0
Mondeo 2.0 i 16V 4x4	[NGA]	04.93- 08.96	111427	14	90		AT 04.93- 08.96	112340	12	1.4
							04.93- 07.96	112141	12	1.0
Mondeo 2.0 SCTi EcoBoost	[TPBA]						07.10-	113906	12	1.2
Mondeo 2.0 LPG	[TBBA]	07.09-	115417*	14	150		07.09-	113906	12	1.2
Mondeo 2.0 FlexFuel	[TBBA]	03.07-	115417*	14	150		03.07-	113906	12	1.2
	[TBBB]	03.07-	115417*	14	150		03.07-	113906	12	1.2
Mondeo 2.0 DI/ TDDi 16V	[D5BA]	11.00-	113709	14	115		11.00-	112821	12	2.2
	[SDBA]	11.00-	113709	14	115		11.00-	112821	12	2.2
Mondeo 2.0 TDCi	[AZBA]						03.07-	113911	12	2.2
	[AZBC]						03.07-	113911	12	2.2
	[FMBA]	10.01-	113709	14	115		10.01-	112821	12	2.2
	[KLBA]						11.07-	113911	12	2.2
	[LPBA]						11.07-	113911	12	2.2
	[N7BA]	10.01-	113709	14	115		10.01-	112821	12	2.2
	[N7BB]						03.07-	113911	12	2.2
	[OXBA]						03.07-	113911	12	2.2
	[TXBA]						03.10-	113911	12	2.2
Mondeo 2.0 TDCi/ TDDi 16V	[D6BA]	11.00-	113709	14	115		11.00-	112821	12	2.2
	[HJBA]	11.00-	113709	14	115		11.00-	112821	12	2.2
	[HJBB]	11.00-	113709	14	115		11.00-	112821	12	2.2
	[HJBC]	11.00-	113709	14	115		11.00-	112821	12	2.2
Mondeo 2.0 TDDi 16V	[D5BA]	11.00-	113709	14	115		11.00-	112821	12	2.2
	[SDBA]	11.00-	113709	14	115					
Mondeo 2.0 FlexFuel	[TBBA]	03.07-	115417*	14	150		03.07-	113906	12	1.2
	[TBBB]	03.07-	115417*	14	150		03.07-	113906	12	1.2
Mondeo 2.2 TDCi	[QJBA]						09.04-	112821	12	2.2
	[QJBB]						09.04-	112821	12	2.2
	[QJBC]						09.04- 08.07	112821	12	2.2
	[QJBC, QJBD]	09.04- 08.07	113709	14	115		09.04- 08.07	112821	12	2.2
	[QJBD]						09.04- 08.07	112821	12	2.2
	[QJBD, QJBC]	09.04- 08.07	113709	14	115		09.04- 08.07	112821	12	2.2
Mondeo 2.3	[SEBA]						07.07-	113906	12	1.2
Mondeo 2.5	[SGA]	05.99- 10.99	112151	14	95		05.99-	111374	12	1.5
Mondeo 2.5 24V	[SEA]	09.96- 11.00	112939	14	130		09.96-	111374	12	1.5
	[SEB]	06.00- 11.00	112151	14	95		06.00- 11.00	111374	12	1.5
		06.00- 11.00	112939	14	130					
Mondeo 2.5 i 24V	[SEA]	07.94- 08.96	112939	14	130		07.94- 08.96	111374	12	1.5
Mondeo 2.5 V6 24V	[LCBD]						11.00-	113909	12	2.2
		A34 11.00-	113709	14	115		11.00-	111374	12	1.5
Mondeo 3.0	[MEBA]						04.02-	113909	12	2.2
		5SP 04.02-	113709	14	115		AT 04.02-	111374	12	1.5
Mondeo 3.0 V6 24V	[REBA]						09.04-	113909	12	2.2
Mustang 3.8 V6	[994]						01.94- 01.96	111183	12	1.4
Orion 1.3	[J4B]	07.90- 12.93	111362	14	55		07.90- 12.93	111131	12	0.8
	[J6A]	07.90- 12.93	111289	14	70		08.88- 12.93	110337#	12	0.85
		07.90- 12.93	111362	14	55		07.90- 12.93	111131	12	0.8
	[JBB]	12.85- 07.90	110891	14	70	A47	08.88- 07.90	111131	12	0.8
							09.83- 07.90	111053#	12	0.8
		08.88- 07.90	111289	14	70		09.83- 07.90	110337#	12	0.85
		08.88- 07.90	111362	14	55					
	[JLA]						12.85- 07.90	111131	12	0.8
	[JLB]						09.83- 03.86	110337#	12	0.85
							09.83- 03.86	111053#	12	0.8
							12.85- 07.90	111131	12	0.8
	[JPA]	07.83- 03.86	110891	14	70	A47	09.83- 03.86	111053#	12	0.8
		09.83- 03.86	110759	14	35		09.83- 03.86	110337#	12	0.85
	09.83- 03.86	111289	14	70						
Orion 1.4	[F6B]	03.86- 07.90	110891	14	70	A47	02.87- 07.90	111131	12	0.8
		03.86- 07.90	111289	14	70		02.87- 07.90	110337#	12	0.85
		02.87- 07.90	111362	14	55		02.87- 07.90	111053#	12	0.8
	[F6D]	02.87- 07.90	110891	14	70	A47	02.87- 07.90	111053#	12	0.8
		02.87- 07.90	111289	14	70		02.87- 07.90	111131	12	0.8
		02.87- 07.90	111362	14	55		02.87- 07.90	110337#	12	0.85
	[F6F]	07.90- 12.93	110891	14	70	A47	07.90- 12.93	110337#	12	0.85
							07.90- 12.93	111131	12	0.8
		PS 07.90- 01.92	111293	14	70					
		AC 07.90- 01.92	111293	14	70					
	[F6G]	07.90- 12.93	110891	14	70	A47	07.90- 12.93	111131	12	0.8
							07.90- 12.93	110337#	12	0.85
		PS 07.90- 01.92	111293	14	70					
		AC 07.90- 01.92	111293	14	70					
	[FUA]	12.85- 07.90	110891	14	70	A47	03.86- 07.90	111053#	12	0.8
							03.86- 07.90	111131	12	0.8
	03.86- 07.90	111289	14	70		03.86- 07.90	110337#	12	0.85	
	03.86- 07.90	111362	14	55						
[FUC]	01.86- 07.90	110891	14	70	A47	07.86- 07.90	111053#	12	0.8	
						07.86- 07.90	110337#	12	0.85	
	07.86- 07.90	111289	14	70		07.86- 07.90	111131	12	0.8	
	07.86- 07.90	111362	14	55						
[FUH]	07.90- 12.93	110891	14	70	A47	07.90- 12.93	111131	12	0.8	
Orion 1.6	[LP1]	07.83- 03.86	110759	14	35		AT 07.83- 03.86	110337#	12	0.85
		07.83- 03.86	110891	14	70	A47	07.83- 03.86	111053#	12	0.8
		07.83- 03.86	111289	14	70					

**STARTERS & ALTERNATORS**

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	[LPA]	07.83- 03.86	110759	14 35		07.83- 03.86	111053#	12 0.8
		07.83- 03.86	110891	14 70 A47		AT 07.83- 03.86	110337#	12 0.85
		07.83- 03.86	111289	14 70				
	[LUC]	12.85- 07.90	110891	14 70 A47		12.85- 07.90	111131	12 0.8
		12.85- 07.90	111289	14 70		12.85- 07.90	110337#	12 0.85
		12.85- 07.90	111362	14 55				
	[LUJ]					07.90- 12.92	111131	12 0.8
	[LUK]	07.90- 12.92	110891	14 70 A47		07.90- 12.92	111131	12 0.8
		ACPS 08.90-	111293	14 70				
Orion 1.6 i	[L4B]	03.86- 07.90	110891	14 70 A47		03.86- 07.90	110337#	12 0.85
		03.86- 07.90	111289	14 70				
		03.86- 07.90	111362	14 55				
	[LJB]	08.89- 07.90	110891	14 70 A47				
	[LJF]	07.90- 09.92	110891	14 70 A47		07.90- 09.92	110337#	12 0.85
						07.90- 09.92	111131	12 0.8
		PS 07.90- 09.92	111293	14 70				
		AC 07.90- 09.92	111293	14 70				
	[LR1]	07.83- 03.86	110891	14 70 A47		AT 07.83- 03.86	110337#	12 0.85
		07.83- 03.86	111289	14 70				
		07.83- 03.86	111362	14 55				
	[LRA]	07.83- 03.86	110891	14 70 A47		AT 07.83- 03.86	110337#	12 0.85
		07.83- 03.86	111289	14 70				
		07.83- 03.86	111362	14 55				
	[LRB]	03.86- 07.90	110891	14 70 A47		03.86- 07.90	110337#	12 0.85
		03.86- 07.90	111289	14 70				
		03.86- 07.90	111362	14 55				
Orion 1.6 i 16V	[L1E]	07.92- 12.93	110891	14 70 A47		07.90- 12.93	111131	12 0.8
						09.92- 12.93	111750	12 1.4
		09.92- 12.93	111293	14 70				
	[L1K]	07.92- 12.93	110891	14 70 A47		07.90- 12.93	111131	12 0.8
						09.92- 12.93	111750	12 1.4
		09.92- 12.93	111293	14 70				
Orion 1.6 Diesel	[LTA]	02.84- 01.89	111364	14 55		02.84- 03.86	110867	12 1.7
		02.84- 01.89	111368	14 70				
	[LTC]	03.86- 07.90	111364	14 55		03.86- 07.90	110867	12 1.7
		03.86- 07.90	111368	14 70				
Orion 1.8 i 16V	[RDA]	02.92- 12.93	111293	14 70		02.92- 12.93	111750	12 1.4
	[ROB]	01.92- 12.93	111293	14 70		01.92- 12.93	111750	12 1.4
Orion 1.8 Diesel	[RTA]	01.89- 07.90	111356	14 55		A13 01.89- 07.90	112290	12 2.2
		01.89- 07.90	111364	14 55		01.89- 07.90	110867	12 1.7
		01.89- 07.90	111368	14 70				
	[RTB]	01.89- 07.90	111356	14 55		A13 01.89- 07.90	112290	12 2.2
		01.89- 07.90	111364	14 55		01.89- 07.90	110867	12 1.7
		01.89- 07.90	111368	14 70				
	[RTE]	07.90- 12.93	111356	14 55		07.90- 12.93	112290	12 2.2
		07.90- 12.93	111364	14 55				
		07.90- 12.93	111368	14 70				
	[RTF]	07.90- 12.93	111356	14 55		07.90- 12.93	112290	12 2.2
		07.90- 12.93	111364	14 55				
		07.90- 12.93	111368	14 70				
	[RTH]	07.90- 12.93	111356	14 55		07.90- 12.93	112290	12 2.2
		07.90- 12.93	111364	14 55				
		07.90- 12.93	111368	14 70				
Orion 1.8 TD	[RFD]	03.92- 12.93	111356	14 55		03.92- 12.93	110867	12 1.7
						03.92- 12.93	112290	12 2.2
	[RFK]	03.92- 12.93	111356	14 55		03.92- 12.93	110867	12 1.7
						03.92- 12.93	112290	12 2.2
P 100 1.6	[LCR]	04.82- 09.87	110179	14 36		RHD 04.82- 09.87	110831	12 0.8
						04.82- 09.87	111269	12 1.4
P 100 2.0	[NAE]	10.87- 12.92	111086	14 65		10.87-	111269	12 1.4
						RHD 10.87- 12.92	112125#	12 2.2
Probe 2.0 16V	[FS]	10.93- 09.96	111317	14 80		10.92- 03.98	111311	12 1.7
Probe 2.2 GTi	[99C]	10.92- 07.93	111317	14 80				
Probe 2.5 V6 24V	[KL]	10.93-	111315	14 90				
Probe 3.0 V6		09.89- 07.93	111317	14 80				
Puma 1.4 16V	[FHD]	11.97- 10.00	113952	14 70		02.98-	111906	12 1.1
	[FHF]	11.97- 10.00	113952	14 70		11.97- 10.00	111909	12 1.1
Puma 1.6 16V	[L1W]	08.00-	113952	14 70		08.00-	111906	12 1.1
Puma 1.7 ST 160	[ZH17]					06.99-	111906	12 1.1
Puma 1.7 16V	[MHA]					03.97-	111906	12 1.1
	[MHB]					03.97-	111906	12 1.1
Ranger 2.5 Diesel	[WL]	10.99- 04.02	114120	14 75		10.99- 04.02	113702	12 2.2
Ranger 2.5 Diesel 4x4	[WL]	10.99- 04.02	112352	14 70		10.99- 04.02	113702	12 2.2
Ranger 2.5 TD	[WL-T]	04.02-	112352	14 70		04.02-	113702	12 2.2
Ranger 2.5 TD 4x4	[WL-T]	10.99-	112352	14 70		10.99-	113702	12 2.2
						10.99-	112600	12 1.4
Ranger 3.0 TDCi 4x4	[WEAT]	05.06-	112352	14 70				
Scorpio 1.8	[REC]	04.85- 02.92	111086	14 65		AT 04.85- 02.92	111030	12 1.4
		04.85- 02.92	112730	14 90		04.85- 09.85	110336	12 0.75
		09.85- 02.92	112725	14 70		09.85- 02.92	111269	12 1.4
Scorpio 2.0	[N8A]	11.88- 10.92	111741	14 70		AT 11.88- 10.92	111030	12 1.4
		11.88- 10.92	112759#	14 90				
	[N8D]	05.89- 02.92	111741	14 70		05.89- 02.92	111030	12 1.4
		05.89- 02.92	112759#	14 90				
	[N9D]	05.89- 02.92	111741	14 70		05.89- 02.92	111030	12 1.4
		05.89- 02.92	112759#	14 90				
	[NEL]	04.85- 08.89	111086	14 65		09.85- 08.89	111269	12 1.4
		04.85- 08.89	112730	14 90		AT 04.85- 08.89	111030	12 1.4
		09.85- 08.89	112725	14 70				

## STARTERS & ALTERNATORS

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Scorpio 2.0 i	[N9B]	05.89- 02.92	112759#	14 90	05.89- 02.92	111030	12 1.4
	[N9D]	05.89- 02.92	111741	14 70	05.89- 02.92	111030	12 1.4
		05.89- 02.92	112759#	14 90			
	[N9F]	09.91- 12.94	111741	14 70	09.91- 12.94	111030	12 1.4
		09.91- 12.94	112759#	14 90			
	[NRA]	04.85- 02.92	112730	14 90	AT 04.85- 12.94	111030	12 1.4
		09.85- 02.92	112725	14 70	09.85- 02.92	111269	12 1.4
		02.92- 12.94	111741	14 70			
		02.92- 12.94	112759#	14 90			
	[NRC]	10.85- 12.90	112725	14 70	AT 10.85- 12.90	111030	12 1.4
		10.85- 12.90	112730	14 90	10.85- 12.90	111269	12 1.4
	[NRI]	09.85- 02.92	112725	14 70	AT 09.85- 12.94	111030	12 1.4
	09.85- 02.92	112730	14 90	09.85- 02.92	111269	12 1.4	
	02.92- 12.94	111741	14 70				
	02.92- 12.94	112759#	14 90				
[NSD]				10.94- 12.98	111030	12 1.4	
Scorpio 2.0 i 16V	[N3A]			10.94- 12.98	111030	12 1.4	
Scorpio 2.3 i 16V	[Y5A]			06.96- 12.98	111030	12 1.4	
Scorpio 2.4 i	[ARC]	09.86- 09.88	111157#	14 90	09.86- 09.88	110842	12 1.4
	[ARD]	04.85- 12.94	111157#	14 90	10.88- 12.94	110842	12 1.4
	[ARDV6EFIHC]				10.88- 02.92	110842	12 1.4
Scorpio 2.5 Diesel	[SCB]	08.93- 09.94	111086	14 65			
	[SFA]	02.92- 12.94	112725	14 70			
		02.92- 12.94	112730	14 90			
	[SFB]	02.92- 12.94	112725	14 70			
		02.92- 12.94	112730	14 90			
	[STR]	12.85- 12.94	111086	14 65			
		12.85- 12.94	112725	14 70			
		12.85- 02.92	112730	14 90			
		RHD 12.85- 12.94	111364	14 55			
		RHD 12.85- 12.94	111368	14 70			
	RHD 12.89- 12.94	112730	14 90				
Scorpio 2.5 TD	[SCB]	08.93- 09.94	111086	14 65			
	[SCC]	10.94- 08.98	111742	14 70			
	[SFA]	06.88- 02.92	112725	14 70			
		06.88- 02.92	112730	14 90			
	[SFB]	06.88- 02.92	112725	14 70			
		06.88- 02.92	112730	14 90			
	[VM]	09.96- 08.98	111623	14 70			
	09.96- 08.98	111742	14 70				
Scorpio 2.8 i	[PRE]	04.85- 11.86	111157#	14 90	04.85- 11.86	110842	12 1.4
		04.85- 11.86	111289	14 70			
		04.85- 11.86	111362	14 55			
Scorpio 2.8 i 4x4	[PRE]	10.85- 11.86	111157#	14 90			
		10.85- 11.86	111289	14 70			
		10.85- 11.86	111362	14 55			
Scorpio 2.9 24V	[BOA]	08.93- 09.94	111157#	14 90	08.93- 09.94	110842	12 1.4
		08.93- 09.94	112759#	14 90			
Scorpio 2.9 i	[BRC]	09.86- 02.92	111157#	14 90	09.86- 02.92	110842	12 1.4
	[BRD]	09.86- 12.94	111157#	14 90	09.86- 12.94	110842	12 1.4
		02.92- 09.94	112759#	14 90			
	[BRE]	08.86- 02.92	111157#	14 90	09.86- 02.92	110842	12 1.4
	[BRF]	09.91- 12.94	111157#	14 90	09.91- 12.94	110842	12 1.4
	[BRG]	02.95- 12.98	112698	14 100	02.95- 12.98	110842	12 1.4
Scorpio 2.9 i 24V	[BOA]	04.91- 02.92	111157#	14 90	04.91- 02.92	110842	12 1.4
	[BOB]	10.94- 12.98	112698	14 100			
Scorpio 2.9 i 4x4	[BRC]	09.86- 02.92	111157#	14 90	09.86- 02.92	110842	12 1.4
	[BRD]	10.87- 12.94	111157#	14 90	09.86- 02.93	110842	12 1.4
		02.92- 12.94	112759#	14 90			
	[BRE]	10.87- 02.93	111157#	14 90	10.87- 02.93	110842	12 1.4
	[BRF]	05.88- 12.94	111157#	14 90	10.87- 02.93	110842	12 1.4
Sierra 1.3	[JCT]	08.82- 12.86	111086	14 65	AT 08.82- 12.86	111269	12 1.4
		10.84- 12.86	112725	14 70	RHD 08.82- 12.86	110831	12 0.8
					08.82- 12.86	110336	12 0.75
Sierra 1.6	[LCS]	08.82- 12.86	111086	14 65	AT 08.82- 12.86	110336	12 0.75
		08.82- 12.86	111411	14 75	A13 08.85- 12.86	111269	12 1.4
		10.84- 12.86	112725	14 70	RHD 08.82- 08.85	110831	12 0.8
	[LCT]	08.82- 12.86	111086	14 65	AT 08.82- 12.86	110336	12 0.75
		08.82- 12.86	111411	14 75	A13 08.85- 12.86	111269	12 1.4
		10.84- 12.86	112725	14 70	RHD 08.82- 08.85	110831	12 0.8
	[LSD]	08.82- 12.86	111086	14 65	RHD 08.82- 08.85	110831	12 0.8
		08.82- 12.86	111411	14 75	A13 08.85- 12.86	111269	12 1.4
		10.84- 12.86	112725	14 70	AT 08.82- 12.86	110336	12 0.75
	[LSE]	01.87- 02.93	111086	14 65	08.90- 02.93	111131	12 0.8
		01.87- 02.93	112725	14 70	01.87- 02.93	111269	12 1.4
		01.87- 02.93	112730	14 90			
	[LSF]	01.88- 02.93	111086	14 65	01.88- 02.93	111269	12 1.4
		01.88- 02.93	112725	14 70			
		01.88- 02.93	112730	14 90			
Sierra 1.6 i	[L6B]			10.89- 02.93	111030	12 1.4	
Sierra 1.8	[R2A (XU102C)]			A13 05.88- 02.93	111030	12 1.4	
	[R2C]			A13 05.88- 02.93	111030	12 1.4	
				AT 05.88- 02.93	111030	12 1.4	
	[R6A]			A13 05.88- 02.93	111030	12 1.4	
	[REB]	10.84- 12.86	111086	14 65	10.84- 12.86	110336	12 0.75
		10.84- 12.86	112725	14 70	A13 10.84- 12.86	111269	12 1.4



	[RED]	01.87- 05.88	111086	14 65		01.87- 05.88	110336	12 0.75
		01.87- 05.88	111364	14 55		01.87- 05.88	111269	12 1.4
		01.87- 05.88	112725	14 70		AT 01.87- 05.88	111030	12 1.4
		01.87- 05.88	112730	14 90				
	[REF]	10.87- 05.88	111086	14 65		10.87- 05.88	111269	12 1.4
		10.87- 05.88	111364	14 55		AT 10.87- 05.88	111030	12 1.4
		10.87- 05.88	112725	14 70		10.87- 05.88	110336	12 0.75
		10.87- 05.88	112730	14 90				
Sierra 1.8 TD	[RFL]	08.88- 02.93	111911					
Sierra 2.0	[N8C]	01.87- 02.93	111741	14 70		05.89- 02.93	111030	12 1.4
		05.89- 02.93	112759#	14 90				
	[NES]	01.87- 02.93	111086	14 65		AT 01.87- 02.93	111030	12 1.4
		01.87- 02.93	111364	14 55		01.87- 02.93	110336	12 0.75
		01.87- 02.93	112725	14 70		01.87- 02.93	111269	12 1.4
		01.87- 02.93	112730	14 90		RHD 01.87- 02.93	110831	12 0.8
	[NET]	08.82- 12.86	111086	14 65		AT 08.82- 12.86	110336	12 0.75
		10.84- 12.86	112725	14 70		08.85- 12.86	111269	12 1.4
						AT 08.85- 12.86	111030	12 1.4
	[NR2]	08.85- 12.86	111086	14 65		08.85- 12.86	110336	12 0.75
		08.85- 12.86	112725	14 70		AT 08.85- 12.86	111030	12 1.4
						A13 08.85- 12.86	111269	12 1.4
	[NRB]	03.85- 12.86	111086	14 65		03.85- 12.86	110336	12 0.75
		03.85- 12.86	112725	14 70		A13 08.85- 12.86	111269	12 1.4
						AT 08.85- 12.86	111030	12 1.4
	[NRD]	10.85- 12.86	111086	14 65		10.85- 12.86	111269	12 1.4
		10.85- 12.86	112725	14 70		AT 10.85- 12.86	111030	12 1.4
	[NYT]	08.82- 10.84	111086	14 65		08.82- 10.84	110771	12 0.8
		08.82- 10.84	111289	14 70				
Sierra 2.0 4x4	[N9C]	05.89- 02.93	111741	14 70		AT 05.89- 02.93	111030	12 1.4
		01.90- 02.93	112759#	14 90				
Sierra 2.0 RS Cosworth	[N5B]	11.87- 01.90	112725	14 70		11.87- 01.90	111131	12 0.8
		11.87- 01.90	112730	14 90				
Sierra 2.0 XR4i	[N9C]	01.90- 02.93	111741	14 70		01.90- 02.93	111030	12 1.4
Sierra 2.0 16V Cosworth 4X4	[N5C]	01.90- 02.93	112725	14 70		01.93- 02.93	111750	12 1.4
		01.90- 02.93	112730	14 90				
	[N5D]	01.90- 02.93	112725	14 70		01.93- 02.93	111750	12 1.4
		01.90- 02.93	112730	14 90				
Sierra 2.0 i	[N4A]	01.87- 02.93	111086	14 65		RHD 01.87- 02.93	110831	12 0.8
		01.87- 02.93	111364	14 55		01.87- 02.93	111269	12 1.4
		01.87- 02.93	112725	14 70		AT 01.87- 02.93	111030	12 1.4
		01.87- 02.93	112730	14 90		01.87- 10.89	110336	12 0.75
	[N4B]	01.87- 02.93	111086	14 65		AT 01.87- 02.93	111030	12 1.4
		01.87- 02.93	111364	14 55		01.87- 02.93	111269	12 1.4
		01.87- 02.93	112725	14 70				
		01.87- 02.93	112730	14 90				
	[N4I]	01.87- 10.89	111086	14 65		01.87- 10.89	110336	12 0.75
		01.87- 10.89	111364	14 55		01.87- 10.89	111269	12 1.4
		01.87- 10.89	112725	14 70		AT 01.87- 10.89	111030	12 1.4
		01.87- 10.89	112730	14 90				
	[N8A]	06.89- 02.93	111741	14 70		06.89- 02.93	111030	12 1.4
		06.89- 02.93	112759#	14 90				
	[N9B]	06.89- 02.93	111741	14 70		06.89- 02.93	111030	12 1.4
		06.89- 02.93	112759#	14 90				
	[N9C]	05.89- 02.93	111741	14 70		AT 05.89- 02.93	111030	12 1.4
		05.89- 02.93	112759#	14 90				
	[N9E]	12.91- 02.93	111741	14 70		12.91- 02.93	111030	12 1.4
	[NE5]	01.87- 12.92	111086	14 65		01.87- 12.92	111269	12 1.4
		01.87- 12.92	111364	14 55		10.87- 02.93	110831	12 0.8
		01.87- 12.92	112725	14 70		AT 01.87- 12.92	111030	12 1.4
		01.87- 12.92	112730	14 90				
	[NEJ]	01.87- 12.92	111086	14 65		01.87- 12.92	111269	12 1.4
		01.87- 12.92	111364	14 55		AT 01.87- 12.92	111030	12 1.4
		01.87- 12.92	112725	14 70				
		01.87- 12.92	112730	14 90				
	[NR2]	08.85- 12.86	111086	14 65		08.85- 12.86	110336	12 0.75
		08.85- 12.86	112725	14 70		A13 08.85- 12.86	111269	12 1.4
						AT 08.85- 12.86	111030	12 1.4
	[NRB]	03.85- 12.86	111086	14 65		03.85- 12.86	110336	12 0.75
		03.85- 12.86	112725	14 70		AT 08.85- 12.86	111030	12 1.4
						A13 08.85- 12.86	111269	12 1.4
Sierra 2.3	[YYT]	08.82- 12.86	111289	14 70		08.82- 12.86	110771	12 0.8
		08.82- 12.86	111362	14 55				
Sierra 2.3 Diesel	[YTR]	01.87- 09.89	111086	14 65				
		01.87- 09.89	111364	14 55				
		01.87- 09.89	111368	14 70				
		01.87- 09.89	112725	14 70				
		RHD 01.87- 09.89	111364	14 55				
	[YTT]	02.82- 12.86	111289	14 70				
		04.85- 12.86	112725	14 70				
Sierra 2.8 4x4	[PRG]	01.87- 08.88	111157#	14 90				
		01.87- 08.88	111289	14 70				
		01.87- 08.88	111362	14 55				
Sierra 2.8 XR 4x4	[PRT]	02.85- 12.86	111289	14 70				
		02.85- 12.86	111362	14 55				
Sierra 2.8 XR4i	[PR5]	08.82- 12.86	111289	14 70		08.82- 12.85	110868#	12 1.1
		08.82- 12.86	111362	14 55		02.85- 12.86	110842	12 1.4
	[PR6]	08.82- 12.86	111289	14 70		08.82- 12.85	110868#	12 1.1
		08.82- 12.86	111362	14 55		02.85- 12.86	110842	12 1.4

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

FORD Continued

	[PRT]	08.82- 02.85	111289	14 70		08.82- 02.85	110868#	12 1.1
		08.82- 02.85	111362	14 55				
Sierra 2.8 i	[PR7]	01.87- 02.93	111157#	14 90				
	[PR8]	01.87- 02.93	111157#	14 90				
		01.87- 02.93	111289	14 70				
Sierra 2.8 i 4x4	[PR5, PR6]	08.82- 12.86	111289	14 70		01.86- 12.86	110842	12 1.4
	[PR6]	08.82- 12.86	111289	14 70		01.86- 12.86	110842	12 1.4
	[PR7]	01.87- 02.93	111289	14 70				
Sierra 2.8 i XR 4X4	[PR5]	09.83- 12.86	111289	14 70				
		10.84- 08.85	111362	14 55				
	[PR7]	01.87- 02.93	111289	14 70				
	[PRG]	01.87- 08.88	111157#	14 90				
		01.87- 08.88	111289	14 70				
		01.87- 08.88	111362	14 55				
Sierra 2.8 i XR4	[PR5]	08.82- 12.86	111289	14 70		08.82- 12.86	110868#	12 1.1
						01.86- 12.86	110842	12 1.4
Sierra 2.9	[B4B]	08.88- 02.93	111157#	14 90		08.88- 02.93	110842	12 1.4
	[B4C]	08.88- 02.93	111157#	14 90		08.88- 02.93	110842	12 1.4
Sierra 2.9 4x4	[B4B]	08.88- 02.93	111157#	14 90		08.88- 02.93	110842	12 1.4
	[B4C]	08.88- 02.93	111157#	14 90		08.88- 02.93	110842	12 1.4
Sierra 2.9 i	[B4B]	08.88- 02.93	111157#	14 90		08.88- 02.93	110842	12 1.4
	[B4C]	08.88- 02.93	110847			08.88- 02.93	110842	12 1.4
		08.88- 02.93	111157#	14 90				
Sierra 2.9 i XR 4x4	[B4A]	08.88- 02.93	111157#	14 90		08.88- 02.93	110842	12 1.4
	[B4B]	08.88- 02.93	111157#	14 90		08.88- 02.93	110842	12 1.4
	[B4C]	08.88- 02.93	111157#	14 90		08.88- 02.93	110842	12 1.4
S-Max 1.8 TDCi	[FFWA]					01.07-	114092	12 2.0
	[QYWA]					05.06-	114092	12 2.0
S-Max 2.0	[AOWA]	05.06-	115417*	14 150		05.06-	113906	12 1.2
S-Max 2.0 EcoBoost	[TNWB]					07.10-	113906	12 1.2
S-Max 2.0 SCTi EcoBoost	[TPBA]					07.10-	113906	12 1.2
S-Max 2.0 TDCi	[AZWA]					05.06-	113911	12 2.2
	[KLWA]					11.07-	113911	12 2.2
	[OXWA]					05.06-	113911	12 2.2
	[OXWB]					05.06-	113911	12 2.2
	[TYWA]					11.07-	113911	12 2.2
	[UKWA]					05.06-	113911	12 2.2
S-Max 2.0 FlexFuel	[TBWB]	05.06-	115417*	14 150		05.06-	113906	12 1.2
S-Max 2.3	[SEWA]					07.07-	113906	12 1.2
Streetka 1.6 i						12.02-	114162	12 1.1
Taurus 1.3	[JAC]	01.70- 07.82	111086	14 65		01.70- 07.82	110336	12 0.75
						01.76- 08.82	110868#	12 1.1
	[JCC]	07.79- 07.82	111086	14 65		07.79- 07.82	110336	12 0.75
		08.70- 02.76	111086	14 65		08.70- 02.76	110336	12 0.75
Taurus 1.6	[LAD]	01.74- 05.79	111086	14 65		01.74- 05.79	110336	12 0.75
						01.74- 05.75	110771	12 0.8
	[LAR]	07.79- 07.82	111086	14 65		07.79- 07.82	110336	12 0.75
	[LCJ]	08.70- 07.82	111086	14 65		08.70- 07.82	110336	12 0.75
	[LE]					08.76- 07.82	110336	12 0.75
						01.76- 08.82	110868#	12 1.1
		08.70- 02.76	111086	14 65		08.70- 02.76	110336	12 0.75
Taurus 1.6 1600	[LCJ]	01.70- 05.75	111086	14 65		01.70- 05.75	110336	12 0.75
Taurus 2.0	[NEE]	08.73- 02.76	111086	14 65				
	[NEG]	08.73- 07.79	111086	14 65				
	[NER]	07.79- 07.82	111086	14 65		07.79- 07.82	110336	12 0.75
	[NWR]	07.79- 07.82	111289	14 70		07.79- 07.82	110771	12 0.8
		07.79- 07.82	111362	14 55		07.79- 07.82	110868#	12 1.1
	[NYR]	05.75- 05.79	111289	14 70		05.75- 05.79	110771	12 0.8
		01.76-	111086	14 65		05.75- 05.79	110868#	12 1.1
		12.75- 07.76	111086	14 65				
Taurus 2.0 V6		08.70- 02.76	111289	14 70		08.70- 02.76	110771	12 0.8
Taurus 2.3	[YYF]	05.75- 07.79	111289	14 70		05.75- 05.79	110771	12 0.8
						05.75- 07.79	110868#	12 1.1
	[YYR]	07.79- 07.82	111289	14 70		07.79- 07.82	110868#	12 1.1
						07.79- 07.82	110771	12 0.8
Taurus 2.3 V6		08.71- 02.76	111289	14 70		08.71- 02.76	110771	12 0.8
Tourneo Connect 1.8 TDCi	[RWPA]	08.06-	113710	14 140		08.06-	113910	12 1.4
Transit 1.5	[EX]	12.68- 05.73	110178	14 36		11.65- 05.73	110771	12 0.8
		05.72- 05.73	110759	14 35				
						11.65- 05.73	110771	12 0.8
Transit 1.6	[4RB]	04.78- 12.85	110759	14 35		11.77- 10.86	110840#	12 1.1
		04.78- 12.85	111086	14 65		12.77- 10.86	110771	12 0.8
	[B]					AT 11.77- 10.86	110831	12 0.8
						11.77- 10.86	110840#	12 1.1
	[LAT]	11.85- 09.91	111086	14 65		08.86- 01.89	110840#	12 1.1
		11.85- 09.91	111364	14 55		11.85- 12.89	110336	12 0.75
		11.85- 09.91	111368	14 70		AT 08.86- 09.91	111030	12 1.4
		11.85- 09.91	112730	14 90				
Transit 1.7	[EY]	04.71- 03.78	110178	14 36		04.71- 03.78	110771	12 0.8
		04.71- 03.78	110759	14 35				
		01.71- 07.73	110178	14 36		11.65- 07.73	110771	12 0.8
		05.72- 05.73	110759	14 35				
Transit 1.7 FT100	[EY]	04.71- 03.78	110178	14 36		04.71- 03.78	110771	12 0.8
		05.72- 03.78	110759	14 35				
Transit 2.0	[4RC]	11.77- 12.95	111086	14 65		11.77- 10.86	110840#	12 1.1
	[N6T]	10.88- 09.91	111086	14 65		10.88- 09.91	110840#	12 1.1
		10.88- 09.91	111364	14 55		AT 10.88- 09.91	111030	12 1.4
		10.88- 09.91	111368	14 70				
		10.88- 09.91	112730	14 90				



	[NAT]	11.85- 09.91	111086	14 65		11.85- 02.89	110336	12 0.75
		11.85- 09.91	111364	14 55		AT 08.86- 09.91	111030	12 1.4
		11.85- 09.91	111368	14 70		08.86- 09.91	110840#	12 1.1
		11.85- 09.91	112730	14 90				
	[NAV]	11.85- 09.91	111086	14 65		08.86- 09.91	110840#	12 1.1
		11.85- 09.91	111364	14 55		AT 08.86- 09.91	111030	12 1.4
		11.85- 09.91	111368	14 70		11.85- 02.89	110336	12 0.75
		11.85- 09.91	112730	14 90				
	[NBA]	09.91- 10.94	111741	14 70		09.91- 10.94	110840#	12 1.1
	[NCA]	09.91- 10.94	111741	14 70		09.91- 10.94	110840#	12 1.1
	[NSF]	06.94- 03.00	113914	14 100		11.94-	111030	12 1.4
		11.94-	113529	14 120				
	[NSG]	06.94- 03.00	113914	14 100		11.94-	111030	12 1.4
		11.94-	113529	14 120				
Transit 2.0 Tourneo	[NSF]	11.94- 12.00	113914	14 100				
Transit 2.0 i	[NCA]	09.91- 10.94	111741	14 70		09.91- 10.94	110840#	12 1.1
						AT 09.91- 10.94	111030	12 1.4
Transit 2.0 CNG	[NSH]	06.94- 03.00	113529	14 120		06.94- 03.00	111030	12 1.4
		06.94- 03.00	113914	14 100				
Transit 2.0 Diesel Di	[ABFA]	08.00-	113298	14 105		08.00-	112821	12 2.2
	[D3FA]	08.00-	113298	14 105		08.00-	112821	12 2.2
	[F3FA]	08.00-	113298	14 105		08.00-	112821	12 2.2
Transit 2.0 TDCi	[FIFA]	08.02-	113298	14 105		08.02-	112821	12 2.2
Transit 2.2 TDCi	[P8FA]	04.06-	115499	14 150 A49		04.06-	115510	12 2.0 A49
		07.06-	113958	14 150		07.06-	113959	12 2.0
	[P8FB]	04.06-	115499	14 150 A49		04.06-	115510	12 2.0 A49
		07.06-	113958	14 150		07.06-	113959	12 2.0
	[QVFA]	04.06-	115499	14 150 A49		04.06-	115510	12 2.0 A49
		07.06-	113958	14 150		07.06-	113959	12 2.0
	[QWFA]	04.06-	115499	14 150 A49		04.06-	115510	12 2.0 A49
		07.06-	113958	14 150		07.06-	113959	12 2.0
	[SRFA]	10.08-	113958	14 150		10.08-	113959	12 2.0
		10.08-	115499	14 150 A49		10.08-	115510	12 2.0 A49
	[SRFB]	10.08-	113958	14 150		10.08-	113959	12 2.0
		10.08-	115499	14 150 A49		10.08-	115510	12 2.0 A49
	[SRFC]	10.08-	113958	14 150		10.08-	113959	12 2.0
		10.08-	115499	14 150 A49		10.08-	115510	12 2.0 A49
	[SRFD]	10.08-	113958	14 150		10.08-	113959	12 2.0
		10.08-	115499	14 150 A49		10.08-	115510	12 2.0 A49
	[SRFE]	10.08-	113958	14 150		10.08-	113959	12 2.0
		10.08-	115499	14 150 A49		10.08-	115510	12 2.0 A49
	[UHFA]	10.07-	113958	14 150		10.07-	113959	12 2.0
		10.07-	115499	14 150 A49		10.07-	115510	12 2.0 A49
	[UHFB]	10.07-	113958	14 150		10.07-	113959	12 2.0
		10.07-	115499	14 150 A49		10.07-	115510	12 2.0 A49
	[UHFC]	10.07-	113958	14 150		10.07-	113959	12 2.0
		10.07-	115499	14 150 A49		10.07-	115510	12 2.0 A49
Transit 2.2 TDCi Tourneo	[PGFA]	10.07-	113958	14 150		10.07-	113959	12 2.0
		10.07-	115499	14 150 A49		10.07-	115510	12 2.0 A49
	[QVFA]	07.06-	113958	14 150		07.06-	113959	12 2.0
		07.06-	115499	14 150 A49		07.06-	115510	12 2.0 A49
	[QWFA]	07.06-	113958	14 150		07.06-	113959	12 2.0
		07.06-	115499	14 150 A49		07.06-	115510	12 2.0 A49
	[SRFA]	10.08-	113958	14 150		10.08-	113959	12 2.0
		10.08-	115499	14 150 A49		10.08-	115510	12 2.0 A49
Transit 2.3 16V	[E5FA]	04.01-	113621	14 115		04.01-	111030	12 1.4
	[E5FC]	04.01-	113621	14 115		04.01-	111030	12 1.4
	[GZFA]					07.06-	113906	12 1.2
Transit 2.3 FT 100		11.71- 03.78	110178	14 36		11.71- 03.78	110771	12 0.8
		05.72- 03.78	110759	14 35				
Transit 2.4 TDE	[DOFA]	07.01-	113544	14 95		11.01-	112821	12 2.2
		07.01-	113913	14 124				
		11.01-	113285	14 75				
Transit 2.4 Diesel	[4AA]	01.77- 05.84	110759	14 35		01.77- 05.84	110461	12 2.8
			111185	14 43 A47				
			110178	14 36				
Transit 2.4 Diesel Di	[D2FA]	01.00-	113544	14 95		03.00-	112821	12 2.2
		01.00-	113913	14 124				
		03.00-	113285	14 75				
	[D2FB]	01.00-	113913	14 124				
	[D2FE]	01.00-	113544	14 95		03.00-	112821	12 2.2
		01.00-	113913	14 124				
		03.00-	113285	14 75				
	[D4FA]	01.00-	113544	14 95		03.00-	112821	12 2.2
		01.00-	113913	14 124				
		03.00-	113285	14 75				
	[F4FA]	01.00-	113544	14 95		03.00-	112821	12 2.2
		01.00-	113913	14 124				
		03.00-	113285	14 75				
Transit 2.4 TD 4x4	[F4FA]	08.00-	113913	14 124				
Transit 2.4 TDCi	[H9FA]	03.04-	113285	14 75		03.04-	112821	12 2.2
		03.04-	113544	14 95				
	[H9FB]	07.06-	114064	14 150		07.06-	113959	12 2.0
						04.06-	115510	12 2.0 A49
	[JXFA]	07.06-	114064	14 150		07.06-	113959	12 2.0
						04.06-	115510	12 2.0 A49
	[PHFA]	07.06-	114064	14 150		07.06-	113959	12 2.0
						04.06-	115510	12 2.0 A49

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



**FORD** Continued

	[PHFC]	07.06-	114064	14	150	07.06-04.06-	113959	12	2.0
Transit 2.4 TDCi 4x4	[H9FB]	11.06-	114064	14	150	11.06-07.06-	115510	12	2.0 A49
Transit 2.4 TDDi	[D4FA]	08.00-08.03	113913	14	124		113959	12	2.0 A49
Transit 2.4 TDE	[DOFA]	07.01-07.01-	113544	14	95	11.01-	112821	12	2.2
		11.01-	113913	14	124				
		11.01-	113285	14	75				
	[FXFA]	03.04-03.04-	113285	14	75	03.04-	112821	12	2.2
Transit 2.5 Diesel	[4AB]	10.83-01.86-08.91	110759	14	35	10.83-08.91	110461	12	2.8
		01.86-08.91	110607	14	70				
		01.86-08.91	111754	14	70				
	[4BA]	02.86-02.86-08.91	110607	14	70	02.86-08.91	110461	12	2.8
		02.86-08.91	111754	14	70				
	[4CA]	02.86-02.86-08.91	110607	14	70	02.86-08.91	110461	12	2.8
Transit 2.5 Diesel Di	[4ED]	02.86-02.86-08.91	111754	14	70				
	[4BC]	08.91-08.91-07.97	111797	14	95	10.96-	112251	12	2.3
		08.91-07.97	111623	14	70	10.96-	112251	12	2.3
		08.91-07.97	111742	14	70	08.91-10.96	110461	12	2.8
		08.91-07.97	111743#	14	55				
		08.91-07.97	111797	14	95				
	[4CC]	08.91-08.91-07.97	111623	14	70	08.91-10.96	110461	12	2.8
		08.91-07.97	111742	14	70	10.96-	112251	12	2.3
		08.91-07.97	111743#	14	55				
		08.91-07.97	111797	14	95				
	[4DA]	09.91-09.91-07.97	111623	14	70	09.91-10.96	110461	12	2.8
		09.91-07.97	111742	14	70	10.96-	112251	12	2.3
		09.91-07.97	111743#	14	55				
	[4ED]	05.99-05.99-03.00	111797	14	95	05.99-03.00	112251	12	2.3
	[4FA]	08.91-08.91-07.97	111623	14	70	08.91-10.96	110461	12	2.8
		08.91-07.97	111742	14	70	10.96-	112251	12	2.3
		08.91-07.97	111743#	14	55				
		08.91-07.97	111797	14	95				
	[4FB]	07.94-07.94-07.97	111623	14	70	10.96-	112251	12	2.3
		07.94-07.97	111742	14	70	07.94-10.96	110461	12	2.8
		07.94-07.97	111743#	14	55				
		08.91-07.97	111797	14	95				
	[4FC]	07.94-07.94-07.97	111623	14	70	10.96-	112251	12	2.3
		07.94-07.97	111742	14	70	07.94-10.96	110461	12	2.8
		07.94-07.97	111743#	14	55				
		08.91-07.97	111797	14	95				
	[4FD]	08.91-08.91-07.97	111623	14	70	04.97-	112251	12	2.3
		08.91-07.97	111742	14	70	06.94-03.00	110461	12	2.8
		08.91-07.97	111743#	14	55				
		08.91-07.97	111797	14	95				
[4GA]	11.92-11.92-07.97	111623	14	70	10.96-	112251	12	2.3	
	11.92-07.97	111742	14	70	10.92-10.96	110461	12	2.8	
	11.92-07.97	111743#	14	55					
	08.91-07.97	111797	14	95					
[4GB]	08.94-08.94-07.97	111623	14	70	10.96-08.00	112251	12	2.3	
	08.94-07.97	111742	14	70	08.94-10.96	110461	12	2.8	
	08.94-07.97	111743#	14	55					
	08.91-08.00	111797	14	95					
[4GC]	08.94-08.94-07.97	111623	14	70	10.96-	112251	12	2.3	
	08.94-07.97	111742	14	70	08.94-10.96	110461	12	2.8	
	08.94-07.97	111743#	14	55					
	08.91-08.00	111797	14	95					
[4HB]	06.94-06.94-07.97	111623	14	70	06.94-10.96	110461	12	2.8	
	06.94-07.97	111742	14	70	10.96-	112251	12	2.3	
	06.94-07.97	111743#	14	55					
	08.91-07.97	111797	14	95					
[4HC]	06.94-06.94-07.97	111623	14	70	06.94-03.00	110461	12	2.8	
	06.94-07.97	111742	14	70					
	06.94-07.97	111743#	14	55					
	08.91-07.97	111797	14	95					
Transit 2.5 DTi	[4HC]	07.94-07.94-07.97	111623	14	70				
		07.94-07.97	111742	14	70				
		07.94-07.97	111743#	14	55				
		08.91-07.97	111797	14	95				
Transit 2.5 TD	[4EA]	09.91-09.91-08.94	111623	14	70	05.91-08.94	110461	12	2.8
		09.91-08.94	111742	14	70				
		09.91-08.94	111743#	14	55				
	[4EB]	07.94-07.94-07.97	111623	14	70	10.96-	112251	12	2.3
		07.94-07.97	111742	14	70	07.94-10.96	110461	12	2.8
		07.94-07.97	111743#	14	55				
		08.91-08.00	111797	14	95				
	[4EC]	08.91-08.91-07.97	111623	14	70	10.96-08.00	112251	12	2.3
		08.91-07.97	111742	14	70	08.91-08.94	110461	12	2.8
		08.91-07.97	111743#	14	55				
		07.91-07.97	111797	14	95				
	[4GA]	10.92-10.92-07.97	111623	14	70	10.92-10.96	110461	12	2.8
	10.92-07.97	111742	14	70	10.96-	112251	12	2.3	
	10.92-07.97	111743#	14	55					
	08.91-07.97	111797	14	95					
[4GB]	06.94-06.94-07.97	111623	14	70	06.94-10.96	110461	12	2.8	
	06.94-07.97	111742	14	70	10.96-	112251	12	2.3	
	06.94-07.97	111743#	14	55					
	08.91-07.97	111797	14	95					



	[4GC]	06.94- 07.97	111623	14 70		10.96-	112251	12 2.3
		06.94- 07.97	111742	14 70		06.94- 10.96	110461	12 2.8
		06.94- 07.97	111743#	14 55				
		08.97-	111797	14 95				
	[4GD]	06.94- 07.97	111623	14 70		06.94- 03.00	110461	12 2.8
		06.94- 07.97	111742	14 70				
		06.94- 07.97	111743#	14 55				
		08.97-	111797	14 95				
	[4GE]	06.94- 07.97	111623	14 70		06.94- 03.00	110461	12 2.8
		06.94- 07.97	111742	14 70				
		06.94- 07.97	111743#	14 55				
		08.97-	111797	14 95				
	[4GF]	06.94- 07.97	111623	14 70		06.94- 03.00	110461	12 2.8
		06.94- 07.97	111742	14 70				
		06.94- 07.97	111743#	14 55				
		08.97-	111797	14 95				
	[4HA]	10.98-	111797	14 95		10.98-	112251	12 2.3
	[4HD]	10.98-	111797	14 95		10.98-	112251	12 2.3
Transit 2.5 TDi	[4EB]	09.95- 07.97	111623	14 70		09.95- 10.96	110461	12 2.8
		09.95- 07.97	111742	14 70		10.96-	112251	12 2.3
		09.95- 07.97	111743#	14 55				
		08.97-	111797	14 95				
	[4EC]	09.95- 07.97	111623	14 70		06.94- 03.00	110461	12 2.8
		09.95- 07.97	111742	14 70				
		09.95- 07.97	111743#	14 55				
		08.97-	111797	14 95				
Transit 2.9 i	[BRT]	01.91-	111157#	14 90		01.91-	110842	12 1.4
Transit 3.2 TDCI	[SAFA]	09.07-	114064	14 150		09.07-	113959	12 2.0
						09.07-	115510	12 2.0 A49
Transit Connect 1.8 16V	[EYPA]	06.02-	113710	14 140		09.02-	112235	12 1.4
		AC 06.02-	113710	14 140				
	[EYPC]	06.02-	113710	14 140				
		AC 06.02-	113710	14 140				
	[EYPD]	09.02-	113710	14 140				
Transit Connect 1.8 TD	[HCPA]	06.02-	113710	14 140		06.02-	113910	12 1.4
	[HCPB]	06.02-	113710	14 140		06.02-	113910	12 1.4
Transit Connect 1.8 TDCI	[HCPA]	09.02-	113710	14 140		09.02-	112235	12 1.4
						06.02-	113910	12 1.4
	[HCPB]					06.02-	113910	12 1.4
Transit Connect 1.8 TDCI DPF	[RWPA]	08.06-	113710	14 140		08.06-	113910	12 1.4
Transit Connect 1.8 TDDI	[BHPA]	06.02-	113710	14 140		06.02-	113910	12 1.4
Various Models						01.71- 01.82	110336	12 0.75
						09.80- 02.85	110337#	12 0.85
						01.71-	110454#	12 3.6
						04.72- 12.86	110461	12 2.8
						01.71-	110462	12 2.8
						09.64- 09.72	110771	12 0.8
						01.76- 01.88	110831	12 0.8
						01.86- 12.94	110842	12 1.4
						09.68- 02.72	110868#	12 1.1
						05.81- 01.82	110998	24 5.2
						07.85- 02.92	111030	12 1.4
						10.98-	111906	12 1.1
Windstar 3.0 V6						03.95- 01.00	112586	12 1.4
						03.95- 02.99	112584	12 1.4
<b>PASSENGER CARS US</b>								
300 4.3						01.63- 01.63	110225	12
						01.63- 01.63	110224	12 1.3
Aerostar 2.3		01.86- 01.91	112842	14 75		01.86- 01.87	112963	12 1.4
		01.86- 01.90	111252	14 75				
		01.86- 01.88	112834	14 145				
Aerostar 2.8						01.86- 01.86	112016	12
Aerostar 3.0		01.97- 01.97	111199	14 95		01.92- 01.97	112588	12 1.4
		01.86- 01.88	112834	14 145		01.92- 01.97	111370	12 1.2
		01.86- 01.91	112842	14 75				
		01.86- 01.91	111252	14 75				
Aerostar 4.0		01.92- 01.97	111199	14 95		01.96- 01.96	111844	12 1.4
Aspire 1.3						01.94- 01.97	110807	12 0.85
						01.94- 01.97	110808	12 0.85
Aspire 1.3 SE						01.94- 01.95	110807	12 0.85
						01.94- 01.95	110808	12 0.85
Bronco 2.8		01.84- 01.85	110237	14 60		01.84- 01.85	112016	12
Bronco 2.9		01.86- 01.90	110237	14 60		01.86- 01.90	112016	12
Bronco 3.3						01.73- 01.74	110226	12
Bronco 4.7						01.66- 01.68	110225	12
						01.66- 01.68	110224	12 1.3
Bronco 4.9		01.87- 01.91	112835	14 65		01.92- 01.93	111183	12 1.4
		01.80- 01.91	110237	14 60		01.83- 01.91	112965	12
		01.80- 01.91	110238	14 70		01.80- 01.82	110225	12
Bronco 5.0		01.92- 01.96	112842	14 75		01.92- 01.96	111183	12 1.4
		01.77- 01.91	110237	14 60		01.85- 01.91	112965	12
		01.80- 01.91	110238	14 70		01.69- 01.84	110225	12
						01.69- 01.77	110224	12 1.3
Bronco 5.8		01.91-	111199	14 95		01.92- 01.96	111183	12 1.4
		01.91-	111220	14 105		01.86- 01.91	112965	12
		01.92- 01.96	112842	14 75		01.80- 01.91	110225	12
		01.78- 01.91	110237	14 60				
		01.80- 01.91	110238	14 70				
		01.86- 01.91	112835	14 65				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



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Bronco 6.6	01.78- 01.79	110237	14	60				
Club 2.4					01.62- 01.64	110226	12	
Club 2.8					01.62- 01.67	110226	12	
Club 4.3					01.63- 01.64	110225	12	
					01.63- 01.64	110224	12	1.3
Contour 2.0					01.97- 01.00	112235	12	1.4
					01.97- 01.00	112340	12	1.4
Contour 2.0 GL					01.95- 01.98	112235	12	1.4
					01.95- 01.98	112340	12	1.4
Contour 2.0 LX					01.95- 01.98	112235	12	1.4
					01.95- 01.98	112340	12	1.4
Contour 2.0 SE					01.98- 01.98	112340	12	1.4
					01.98- 01.98	112235	12	1.4
Contour 2.0 Sport					01.96- 01.96	112235	12	1.4
					01.96- 01.96	112340	12	1.4
Contour 2.5	01.98- 01.00	112939	14	130	01.98- 01.00	111374	12	1.5
Contour 2.5 GL	01.95- 01.98	112939	14	130	01.95- 01.98	111374	12	1.5
Contour 2.5 LX	01.95- 01.98	112939	14	130	01.95- 01.98	111374	12	1.5
Contour 2.5 SE	01.95- 01.98	112939	14	130	01.95- 01.98	111374	12	1.5
Contour 2.5 Sport	01.96- 01.97	112939	14	130	01.96- 01.97	111374	12	1.5
Contour 2.5 SVT	01.98- 01.00	112939	14	130	01.98- 01.00	111374	12	1.5
Country 3.9					01.65- 01.70	110225	12	
					01.65- 01.70	110224	12	1.3
Country 4.3					01.63- 01.64	110225	12	
					01.63- 01.64	110224	12	1.3
Country 4.7					01.63- 01.67	110225	12	
					01.63- 01.67	110224	12	1.3
Country 5.0					01.68- 01.72	110225	12	
					01.68- 01.72	110224	12	1.3
Country 5.8					01.65- 01.67	110226	12	
					01.69- 01.74	110225	12	
Country 6.4					01.65- 01.71	110226	12	
Country 6.6	01.71- 01.74	110238	14	70	01.71- 01.74	110228	12	
	01.71- 01.74	110237	14	60				
Country 7.0					01.65- 01.70	110226	12	
					01.69- 01.73	110229	12	
					01.69- 01.73	110228	12	
Country 7.5	01.72- 01.74	110238	14	70	01.72- 01.74	110229	12	
	01.72- 01.74	110237	14	60				
Country Squire 4.3					01.63- 01.64	110224	12	1.3
					01.63- 01.64	110225	12	
Country Squire 4.7					01.63- 01.67	110224	12	1.3
					01.63- 01.67	110225	12	
Country Squire 5.0	01.87- 01.91	112835	14	65	01.90- 01.91	111183	12	1.4
	01.87- 01.91	112914	14	100	01.68- 01.79	110225	12	
	01.79- 01.79	110238	14	70	01.68- 01.72	110224	12	1.3
	01.79- 01.79	110237	14	60				
Country Squire 5.0 LX	01.87- 01.91	112835	14	65	01.90- 01.91	111183	12	1.4
	01.87- 01.91	112914	14	100				
Country Squire 5.8	01.79- 01.79	110237	14	60	01.64- 01.66	110226	12	
	01.79- 01.79	110238	14	70	01.69- 01.79	110225	12	
Country Squire 6.4					01.68- 01.71	110226	12	
Country Squire 6.6	01.71- 01.76	110237	14	60	01.71- 01.76	110228	12	
	01.71- 01.76	110238	14	70				
Country Squire 7.0					01.66- 01.69	110226	12	
					01.69- 01.73	110228	12	
					01.69- 01.73	110229	12	
Country Squire 7.5	01.72- 01.76	110237	14	60	01.72- 01.76	110229	12	
	01.72- 01.76	110238	14	70				
Crown Victoria 4.6	01.99- 01.02	112942	14	130				
	01.99- 01.02	112947	14	135	01.96- 01.02	112646	12	1.4
	01.96- 01.02	112943	14	130	01.92- 01.95	112592	12	1.4
	01.92- 01.95	112927	14	130				
	01.92- 01.95	112921	14	95				
	01.93- 01.95	112932	14	130				
Crown Victoria 4.6 LX	01.96- 01.98	112943	14	130	01.96- 01.98	112646	12	1.4
	01.92- 01.95	112927	14	130	01.92- 01.95	112592	12	1.4
	01.93- 01.95	112932	14	130				
	01.92- 01.95	112921	14	95				
Crown Victoria 4.6 Police Interceptor	01.96- 01.98	112943	14	130	01.96- 01.98	112646	12	1.4
	01.93- 01.95	112927	14	130	01.93- 01.95	112592	12	1.4
	01.93- 01.95	112921	14	95				
	01.93- 01.95	112932	14	130				
Crown Victoria 4.6 S	01.96- 01.98	112943	14	130	01.96- 01.98	112646	12	1.4
	01.92- 01.95	112927	14	130	01.92- 01.95	112592	12	1.4
	01.93- 01.95	112932	14	130				
	01.92- 01.95	112921	14	95				
Crown Victoria 4.6	01.99- 01.02	112942	14	130				
	01.96- 01.02	112943	14	130	01.96- 01.02	112646	12	1.4
	01.99- 01.02	112947	14	135				
Crown Victoria 4.6 LX	01.97- 01.98	112943	14	130	01.97- 01.98	112646	12	1.4
Crown Victoria 4.6 Police Interceptor	01.96- 01.98	112943	14	130	01.96- 01.98	112646	12	1.4
	01.97- 01.98	112947	14	135				
Crown Victoria 4.6 S	01.97- 01.98	112947	14	135	01.96- 01.98	112646	12	1.4
	01.96- 01.98	112943	14	130				
Crown Victoria 5.0	01.87- 01.91	112914	14	100				
	01.87- 01.91	112835	14	65				
Crown Victoria 5.0 LX	01.87- 01.91	112914	14	100				
	01.87- 01.91	112835	14	65				





Crown Victoria 5.0 S	01.87- 01.91	112914	14	100				
	01.87- 01.91	112835	14	65				
Crown Victoria 5.8	01.87- 01.91	112914	14	100				
Crown Victoria 5.8 LX	01.87- 01.91	112914	14	100				
Crown Victoria 5.8 S	01.87- 01.91	112914	14	100				
Custom 3.9					01.68- 01.72	110225	12	
					01.68- 01.72	110224	12	1.3
Custom 3.9 500					01.68- 01.72	110225	12	
					01.68- 01.72	110224	12	1.3
Custom 4.3					01.64- 01.64	110225	12	
					01.64- 01.64	110224	12	1.3
Custom 4.7					01.65- 01.67	110224	12	1.3
					01.65- 01.67	110225	12	
Custom 5.0					01.68- 01.72	110225	12	
					01.68- 01.72	110224	12	1.3
Custom 5.0 500					01.68- 01.72	110225	12	
					01.68- 01.72	110224	12	1.3
Custom 5.8					01.65- 01.66	110226	12	
					01.69- 01.72	110225	12	
Custom 5.8 500	01.75- 01.77	110237	14	60	01.69- 01.77	110225	12	
	01.75- 01.77	110238	14	70	01.75- 01.77	110228	12	
Custom 6.4					01.68- 01.71	110226	12	
Custom 6.4 500					01.68- 01.71	110226	12	
Custom 6.6	01.71- 01.72	110237	14	60	01.71- 01.72	110228	12	
	01.71- 01.72	110238	14	70				
Custom 6.6 500	01.71- 01.77	110238	14	70	01.71- 01.77	110228	12	
	01.71- 01.77	110237	14	60				
Custom 7.0					01.66- 01.70	110226	12	
					01.69- 01.72	110229	12	
Custom 7.0 500					01.69- 01.72	110228	12	
					01.69- 01.73	110229	12	
					01.69- 01.73	110228	12	
					01.68- 01.70	110226	12	
Custom 7.5 500	01.73- 01.76	110238	14	70	01.73- 01.76	110229	12	
	01.73- 01.76	110237	14	60				
E 4.9 Super Duty	01.96- 01.96	112925#	14	130				
	01.96- 01.96	112924#	14	130				
E 5.4 Super Duty	01.97- 01.02	112940	14	95	01.97- 01.02	112646	12	1.4
E 5.4 Super Duty	01.97- 01.99	112940	14	95	01.97- 01.99	112646	12	1.4
E 5.8 Super Duty	01.96- 01.96	111200	14	130				
	01.96- 01.96	111199	14	95				
E 6.8 Super Duty	01.97- 01.02	112940	14	95	01.97- 01.02	112646	12	1.4
					01.97- 01.02	112592	12	1.4
E 7.3 Turbo Super Duty	01.96- 01.02	112953	14	110	01.96- 01.00	112276	12	2.5
	01.96- 01.02	111200	14	130				
E 7.5 Super Duty	01.96- 01.96	112925#	14	130				
	01.96- 01.96	112924#	14	130				
E 100 2.8					01.68- 01.70	110226	12	
E 100 2.8 Club					01.68- 01.70	110226	12	
E 100 3.9					01.68- 01.74	110225	12	
					01.68- 01.74	110224	12	1.3
E 100 3.9 Club					01.68- 01.74	110225	12	
					01.68- 01.74	110224	12	1.3
E 100 4.9	01.72- 01.83	110237	14	60	01.72- 01.82	110225	12	
	01.77- 01.83	110238	14	70	01.83- 01.83	112965	12	
	01.80- 01.83	112914	14	100	01.72- 01.79	110224	12	1.3
E 100 4.9 Club	01.77- 01.82	110238	14	70	01.74- 01.82	110225	12	
	01.74- 01.82	110237	14	60	01.74- 01.79	110224	12	1.3
	01.80- 01.82	112914	14	100				
E 100 4.9	01.82- 01.82	112914	14	100	01.82- 01.82	110225	12	
	01.82- 01.82	110238	14	70				
	01.82- 01.82	110237	14	60				
E 100 5.0	01.79- 01.83	110238	14	70	01.68- 01.83	110225	12	
	01.79- 01.83	110237	14	60	01.68- 01.75	110224	12	1.3
	01.79- 01.83	112914	14	100				
E 100 5.0 Club	01.79- 01.82	110237	14	60	01.68- 01.82	110225	12	
	01.79- 01.82	112914	14	100	01.68- 01.74	110224	12	1.3
	01.79- 01.82	110238	14	70				
E 100 5.8	01.75- 01.83	110237	14	60	01.75- 01.83	110225	12	
	01.75- 01.83	110238	14	70	01.75- 01.79	110224	12	1.3
	01.80- 01.83	112914	14	100				
E 100 5.8 Club	01.75- 01.82	110238	14	70	01.75- 01.82	110225	12	
	01.75- 01.82	110237	14	60	01.75- 01.79	110224	12	1.3
	01.80- 01.82	112914	14	100				
E 100 7.5	01.78- 01.78	110238	14	70				
	01.78- 01.78	110237	14	60				
E 150 4.2	01.97- 01.03	111199	14	95	01.97- 01.02	111183	12	1.4
	01.97- 01.03	111200	14	130				
E 150 4.2 Club	01.97- 01.98	111199	14	95	01.97- 01.98	111183	12	1.4
	01.97- 01.98	111200	14	130				
E 150 4.6	01.03-	112927	14	130	01.97- 01.02	112646	12	1.4
	01.97- 01.02	112940	14	95				
E 150 4.6 Club	01.97- 01.98	112940	14	95	01.97- 01.98	112646	12	1.4
E 150 4.9	01.92- 01.96	112924#	14	130	01.83- 01.91	112965	12	
	01.92- 01.96	112925#	14	130	01.75- 01.82	110225	12	
	01.77- 01.91	110238	14	70	01.75- 01.79	110224	12	1.3
	01.75- 01.91	110237	14	60				
	01.80- 01.91	112914	14	100				
	01.87- 01.91	112835	14	65				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

**FORD** Continued

E 150 4.9 Club	01.92- 01.96	112924#	14	130	01.92-	111844	12	1.4
	01.92- 01.96	112925#	14	130	01.83- 01.91	112965	12	
	01.75- 01.91	110237	14	60	01.75- 01.82	110225	12	
	01.87- 01.91	112835	14	65	01.75- 01.79	110224	12	1.3
	01.80- 01.91	112914	14	100				
	01.77- 01.91	110238	14	70				
E 150 4.9 Super	01.80- 01.91	112914	14	100	01.83- 01.91	112965	12	
	01.77- 01.91	110237	14	60	01.77- 01.82	110225	12	
	01.77- 01.91	110238	14	70	01.77- 01.79	110224	12	1.3
	01.87- 01.91	112835	14	65				
E 150 4.9	01.82- 01.88	110237	14	60	01.82- 01.82	110225	12	
	01.82- 01.88	110238	14	70	01.83- 01.88	112965	12	
	01.82- 01.88	112914	14	100				
E 150 4.9 Super	01.88- 01.88	112835	14	65				
	01.83- 01.84	112914	14	100	01.83- 01.84	112965	12	
	01.83- 01.84	110238	14	70				
E 150 5.0	01.83- 01.84	110237	14	60				
	01.92- 01.96	112924#	14	130	01.86- 01.91	112965	12	
	01.92- 01.96	112925#	14	130	01.75- 01.85	110225	12	
	01.79- 01.91	110238	14	70	01.75- 01.75	110224	12	1.3
	01.75- 01.91	110237	14	60				
	01.79- 01.91	112914	14	100				
E 150 5.0 Club	01.86- 01.91	112835	14	65				
	01.92- 01.96	112924#	14	130	01.86- 01.91	112965	12	
	01.92- 01.96	112925#	14	130	01.79- 01.85	110225	12	
	01.79- 01.91	110237	14	60				
	01.79- 01.91	112914	14	100				
E 150 5.0 Super	01.79- 01.91	110238	14	70				
	01.79- 01.91	110237	14	60	01.86- 01.91	112965	12	
	01.79- 01.91	112914	14	100	01.79- 01.85	110225	12	
	01.86- 01.91	112835	14	65				
E 150 5.4	01.03-	112927	14	130	01.97- 01.02	112646	12	1.4
	01.97- 01.02	112940	14	95				
E 150 5.4 Club	01.97- 01.98	112940	14	95	01.97- 01.98	112646	12	1.4
E 150 5.8	01.92- 01.96	112924#	14	130	01.75- 01.91	110225	12	
	01.92- 01.96	112925#	14	130	01.88- 01.91	112965	12	
	01.80- 01.91	112914	14	100	01.75- 01.87	110224	12	1.3
	01.88- 01.91	112835	14	65				
	01.75- 01.91	110237	14	60				
	01.75- 01.91	110238	14	70				
E 150 5.8 Club	01.88- 01.91	111252	14	75				
	01.92- 01.96	112924#	14	130	01.92-	111844	12	1.4
	01.92- 01.96	112925#	14	130	01.75- 01.91	110225	12	
	01.88- 01.91	112835	14	65	01.88- 01.91	112965	12	
	01.88- 01.91	111252	14	75	01.75- 01.87	110224	12	1.3
	01.80- 01.91	112914	14	100				
	01.75- 01.91	110237	14	60				
E 150 5.8 Super	01.75- 01.91	110238	14	70				
	01.88- 01.91	112835	14	65	01.88- 01.91	112965	12	
	01.88- 01.91	111252	14	75	01.77- 01.91	110225	12	
	01.80- 01.91	112914	14	100	01.77- 01.87	110224	12	1.3
	01.77- 01.91	110237	14	60				
E 150 6.9	01.77- 01.91	110238	14	70				
	01.84- 01.84	110238	14	70	01.84- 01.84	112267	12	2.5
	01.84- 01.84	110237	14	60				
E 150 7.5	01.84- 01.84	112914	14	100				
	01.80- 01.80	112914	14	100	01.76- 01.79	110229	12	
	01.76- 01.80	110238	14	70				
E 150 7.5 Club	01.76- 01.80	110237	14	60				
	01.76- 01.79	110238	14	70	01.76- 01.79	110229	12	
E 150 7.5 Super	01.76- 01.79	110237	14	60				
	01.79- 01.79	110238	14	70				
	01.79- 01.79	110237	14	60				
E 200 2.8	01.79- 01.79	112914	14	100				
					01.68- 01.70	110226	12	
E 200 2.8 Club					01.68- 01.70	110226	12	
E 200 3.9					01.68- 01.74	110225	12	
					01.68- 01.74	110224	12	1.3
E 200 3.9 Chateau					01.71- 01.72	110225	12	
					01.71- 01.72	110224	12	1.3
E 200 3.9 Club					01.68- 01.74	110225	12	
					01.68- 01.74	110224	12	1.3
E 200 3.9 Custom					01.71- 01.72	110225	12	
					01.71- 01.72	110224	12	1.3
E 200 4.9					01.72- 01.74	110225	12	
	01.72- 01.74	110237	14	60	01.72- 01.74	110224	12	1.3
E 200 4.9 Club					01.74- 01.74	110225	12	
	01.74- 01.74	110237	14	60	01.74- 01.74	110224	12	1.3
E 200 5.0					01.68- 01.74	110224	12	1.3
					01.68- 01.74	110225	12	
E 200 5.0 Chateau					01.71- 01.72	110225	12	
					01.71- 01.72	110224	12	1.3
E 200 5.0 Club					01.68- 01.74	110225	12	
					01.68- 01.74	110224	12	1.3
E 200 5.0 Custom					01.71- 01.72	110224	12	1.3
					01.71- 01.72	110225	12	



E 250 4.2	01.97- 01.03	111199	14	95	01.97- 01.02	111183	12	1.4
	01.97- 01.03	111200	14	130				
E 250 4.2 Super	01.97- 01.98	111199	14	95	01.97- 01.98	111183	12	1.4
	01.97- 01.98	111200	14	130				
E 250 4.6	01.97- 01.98	112940	14	95	01.97- 01.98	112646	12	1.4
E 250 4.6 Super	01.98- 01.98	112940	14	95	01.98- 01.98	112646	12	1.4
E 250 4.9	01.92- 01.96	112925#	14	130	01.83- 01.91	112965	12	
	01.95- 01.96	112924#	14	130	01.75- 01.82	110225	12	
	01.80- 01.91	112914	14	100	01.75- 01.79	110224	12	1.3
	01.75- 01.91	110237	14	60				
	01.77- 01.91	110238	14	70				
E 250 4.9 Club	01.87- 01.91	112835	14	65				
	01.77- 01.91	110237	14	60	01.83- 01.91	112965	12	
	01.87- 01.91	112835	14	65	01.77- 01.80	110225	12	
	01.80- 01.91	112914	14	100	01.77- 01.79	110224	12	1.3
E 250 4.9 HD	01.77- 01.91	110238	14	70				
	01.91- 01.91	110238	14	70	01.91- 01.91	112965	12	
E 250 4.9 Super	01.92- 01.96	112925#	14	130	01.83- 01.91	112965	12	
	01.92- 01.96	112924#	14	130	01.78- 01.82	110225	12	
	01.87- 01.91	112835	14	65				
	01.78- 01.91	110237	14	60				
	01.78- 01.91	110238	14	70				
E 250 4.9	01.80- 01.91	112914	14	100				
	01.82- 01.84	110237	14	60	01.82- 01.82	110225	12	
	01.82- 01.84	110238	14	70	01.83- 01.84	112965	12	
E 250 4.9 Club	01.82- 01.84	112914	14	100				
	01.85-	110238	14	70				
	01.85-	112914	14	100				
E 250 4.9 Super	01.85-	110237	14	60				
	01.85-	110238	14	70				
	01.85-	112914	14	100				
E 250 5.0	01.79- 01.91	110238	14	70	01.86- 01.91	112965	12	
	01.75- 01.91	110237	14	60	01.75- 01.85	110225	12	
	01.79- 01.91	112914	14	100	01.75- 01.75	110224	12	1.3
	01.86- 01.91	112835	14	65				
E 250 5.0 Club	01.79- 01.80	110238	14	70	01.79- 01.80	110225	12	
	01.79- 01.80	110237	14	60				
	01.79- 01.80	112914	14	100				
E 250 5.0 Super	01.79- 01.91	110238	14	70	01.79- 01.84	110225	12	
	01.79- 01.91	110237	14	60	01.86- 01.91	112965	12	
	01.79- 01.91	112914	14	100				
	01.86- 01.91	112835	14	65				
E 250 5.4	01.03-	112927	14	130	01.97- 01.02	112646	12	1.4
	01.97- 01.02	112940	14	95				
E 250 5.4 Super	01.97- 01.98	112940	14	95	01.97- 01.98	112646	12	1.4
E 250 5.4	01.03-	112927	14	130	01.97- 01.02	112646	12	1.4
	01.97- 01.02	112940	14	95				
	01.97- 01.98	112940	14	95	01.97- 01.98	112646	12	1.4
E 250 5.4 Super	01.92- 01.96	112924#	14	130	01.88- 01.91	112965	12	
	01.92- 01.96	112925#	14	130	01.75- 01.91	110225	12	
	01.80- 01.91	112914	14	100	01.75- 01.87	110224	12	1.3
	01.88- 01.91	112835	14	65				
	01.75- 01.91	110237	14	60				
	01.75- 01.91	110238	14	70				
E 250 5.8	01.88- 01.91	111252	14	75				
	01.75- 01.91	110238	14	70	01.75- 01.91	110225	12	
	01.75- 01.91	110237	14	60	01.88- 01.91	112965	12	
	01.80- 01.91	112914	14	100	01.75- 01.87	110224	12	1.3
E 250 5.8 Club	01.88- 01.91	112835	14	65				
	01.88- 01.91	111252	14	75				
	01.91- 01.91	110238	14	70	01.91- 01.91	110225	12	
E 250 5.8 HD	01.75- 01.91	110237	14	60	01.88- 01.91	112965	12	
	01.75- 01.91	110238	14	70	01.91- 01.91	112965	12	
E 250 5.8 Super	01.91- 01.91	112842	14	75	01.91- 01.91	112965	12	
	01.92- 01.96	112924#	14	130	01.88- 01.91	112965	12	
	01.92- 01.96	112925#	14	130	01.77- 01.91	110225	12	
	01.80- 01.91	112914	14	100	01.77- 01.87	110224	12	1.3
	01.88- 01.91	112835	14	65				
E 250 6.6	01.77- 01.91	110238	14	70				
	01.77- 01.91	110237	14	60				
	01.88- 01.91	111252	14	75				
	01.80- 01.80	110238	14	70				
E 250 6.6 Club	01.80- 01.80	110237	14	60				
	01.80- 01.80	112914	14	100				
	01.80- 01.82	110238	14	70				
E 250 6.6 Super	01.80- 01.82	112914	14	100				
	01.80- 01.80	110237	14	60				
	01.80- 01.80	110238	14	70				
E 250 6.8	01.80- 01.80	112914	14	100				
	01.97- 01.97	112940	14	95	01.97- 01.97	112646	12	1.4
E 250 6.8 Super	01.97- 01.97	112940	14	95	01.97- 01.97	112646	12	1.4
E 250 6.9 Club	01.83- 01.87	110238	14	70	01.83- 01.87	112267	12	2.5
	01.83- 01.87	110237	14	60				
	01.83- 01.87	112914	14	100				
E 250 6.9 Super	01.83- 01.84	110238	14	70	01.83- 01.84	112267	12	2.5
	01.83- 01.84	110237	14	60				
	01.83- 01.84	112914	14	100				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**FORD** Continued

E 250 7.3 Club	01.88- 01.91	112914	14	100		01.88- 01.91	112267	12	2.5
	01.88- 01.91	112835	14	65					
	01.88- 01.91	110238	14	70					
E 250 7.5	01.94- 01.96	112924#	14	130		01.75- 01.79	110229	12	
	01.94- 01.96	112925#	14	130					
	01.75- 01.79	110238	14	70					
	01.75- 01.79	110237	14	60					
E 250 7.5 Club	01.75- 01.91	110238	14	70		01.75- 01.79	110229	12	
	01.75- 01.91	110237	14	60					
	01.80- 01.91	112914	14	100					
	01.88- 01.91	112835	14	65					
E 250 7.5 Super	01.88- 01.91	111252	14	75					
	01.95- 01.96	112924#	14	130					
	01.95- 01.96	112925#	14	130					
	01.78- 01.84	110238	14	70					
E 300 2.8	01.78- 01.84	110237	14	60					
	01.80- 01.84	112914	14	100					
						01.69- 01.70	110226	12	
E 300 2.8 Club					01.69- 01.70	110226	12		
E 300 3.9						01.68- 01.73	110224	12	1.3
						01.68- 01.73	110225	12	
E 300 3.9 Chateau						01.71- 01.72	110225	12	
						01.71- 01.72	110224	12	1.3
E 300 3.9 Club						01.68- 01.74	110225	12	
						01.68- 01.74	110224	12	1.3
E 300 3.9 Custom						01.71- 01.72	110225	12	
						01.71- 01.72	110224	12	1.3
E 300 4.9	01.72- 01.74	110237	14	60		01.72- 01.74	110225	12	
						01.72- 01.74	110224	12	1.3
E 300 4.9 Club	01.72- 01.72	110237	14	60		01.72- 01.72	110224	12	1.3
						01.72- 01.72	110225	12	
E 300 5.0						01.68- 01.74	110225	12	
						01.68- 01.74	110224	12	1.3
E 300 5.0 Chateau						01.71- 01.72	110225	12	
						01.71- 01.72	110224	12	1.3
E 300 5.0 Club						01.68- 01.74	110225	12	
						01.68- 01.74	110224	12	1.3
E 300 5.0 Custom						01.71- 01.72	110225	12	
						01.71- 01.72	110224	12	1.3
E 350 4.9	01.79- 01.91	112914	14	100		01.83- 01.91	112965	12	
	01.75- 01.91	110237	14	60		01.75- 01.82	110225	12	
	01.77- 01.91	110238	14	70		01.75- 01.82	110224	12	1.3
	01.92- 01.96	112924#	14	130					
	01.92- 01.96	112925#	14	130					
E 350 4.9 HD Club	01.87- 01.91	112835	14	65					
	01.92- 01.96	112924#	14	130					
	01.92- 01.96	112925#	14	130					
E 350 4.9 Super	01.79- 01.91	112914	14	100		01.83- 01.91	112965	12	
	01.78- 01.91	110237	14	60		01.78- 01.82	110225	12	
	01.78- 01.91	110238	14	70					
	01.92- 01.96	112925#	14	130					
E 350 4.9	01.92- 01.96	112924#	14	130					
	01.92- 01.96	112925#	14	130					
	01.87- 01.91	112835	14	65					
	01.83- 01.84	110237	14	60		01.83- 01.84	112965	12	
E 350 4.9 Super	01.83- 01.84	110238	14	70					
	01.83- 01.84	112914	14	100					
	01.85- 01.85	110237	14	60					
E 350 5.0	01.85- 01.85	110238	14	70					
	01.79- 01.82	112914	14	100		01.75- 01.82	110225	12	
	01.75- 01.82	110237	14	60		01.75- 01.75	110224	12	1.3
E 350 5.0 Super	01.79- 01.82	110238	14	70					
	01.79- 01.80	112914	14	100		01.79- 01.80	110225	12	
	01.79- 01.80	110237	14	60					
E 350 5.4	01.79- 01.80	110238	14	70					
	01.03- 01.03	112927	14	130		01.97- 01.02	112646	12	1.4
	01.97- 01.02	112940	14	95					
E 350 5.4 HD Club	01.97- 01.99	112940	14	95		01.97- 01.99	112646	12	1.4
E 350 5.4 Super	01.97- 01.99	112940	14	95		01.97- 01.99	112646	12	1.4
E 350 5.4	01.03- 01.03	112927	14	130		01.97- 01.02	112646	12	1.4
	01.97- 01.02	112940	14	95					
E 350 5.4 Super	01.97- 01.98	112940	14	95		01.97- 01.98	112646	12	1.4
E 350 5.8	01.75- 01.91	110238	14	70		01.75- 01.91	110225	12	
	01.75- 01.91	110237	14	60		01.88- 01.91	112965	12	
	01.80- 01.91	112914	14	100		01.75- 01.87	110224	12	1.3
	01.92- 01.96	112924#	14	130					
	01.92- 01.96	112925#	14	130					
	01.88- 01.91	112835	14	65					
E 350 5.8 HD Club	01.88- 01.91	111252	14	75					
	01.92- 01.96	112924#	14	130					
E 350 5.8 Super	01.92- 01.96	112925#	14	130					
	01.78- 01.91	110237	14	60		01.88- 01.91	112965	12	
	01.80- 01.91	112914	14	100		01.78- 01.91	110225	12	
	01.78- 01.91	110238	14	70					
	01.92- 01.96	112924#	14	130					
	01.92- 01.96	112925#	14	130					
E 350 5.8 Super	01.88- 01.91	112835	14	65					
	01.88- 01.91	111252	14	75					



E 350 6.6	01.80- 01.82	110237	14	60				
	01.80- 01.82	112914	14	100				
	01.80- 01.82	110238	14	70				
E 350 6.6 Super	01.80- 01.82	112914	14	100				
	01.80- 01.82	110238	14	70				
	01.80- 01.82	110237	14	60				
E 350 6.8	01.01- 01.01	112927	14	130	01.97- 01.02	112646	12	1.4
	01.97- 01.02	112940	14	95				
E 350 6.8 HD Club	01.97- 01.98	112940	14	95	01.97- 01.98	112646	12	1.4
E 350 6.8 Super	01.97- 01.98	112940	14	95	01.97- 01.98	112646	12	1.4
E 350 6.9	01.83- 01.87	110238	14	70	01.83- 01.87	112267	12	2.5
	01.83- 01.87	110237	14	60				
	01.83- 01.87	112914	14	100				
E 350 6.9 Super	01.83- 01.87	110238	14	70	01.83- 01.87	112267	12	2.5
	01.83- 01.87	110237	14	60				
	01.83- 01.87	112914	14	100				
E 350 7.3	01.88- 01.94	110238	14	70	01.88- 01.94	112267	12	2.5
	01.88- 01.94	112914	14	100				
	01.88- 01.94	112835	14	65				
E 350 7.3 HD Club	01.92- 01.94	112924#	14	130	01.92- 01.94	112267	12	2.5
	01.92- 01.94	112925#	14	130				
	01.92- 01.94	111200	14	130				
E 350 7.3 Super	01.88- 01.94	110238	14	70	01.88- 01.94	112267	12	2.5
	01.88- 01.94	112914	14	100				
	01.88- 01.94	112835	14	65				
E 350 7.3 Turbo	01.95- 01.03	111200	14	130	01.95- 01.00	112276	12	2.5
	01.01- 01.03	112953	14	110				
	01.95- 01.00	112377#	14	215				
E 350 7.3 Turbo HD Club	01.95- 01.98	111200	14	130	01.95- 01.98	112276	12	2.5
	01.95- 01.98	112377#	14	215				
	01.95- 01.98	112377#	14	215				
E 350 7.3 Turbo Super	01.95- 01.98	111200	14	130	01.95- 01.98	112276	12	2.5
	01.95- 01.98	112377#	14	215				
	01.95- 01.98	112377#	14	215				
E 350 7.5	01.75- 01.91	110238	14	70	01.75- 01.79	110229	12	
	01.75- 01.91	110237	14	60				
	01.80- 01.91	112914	14	100				
	01.92- 01.96	112924#	14	130				
	01.92- 01.96	112925#	14	130				
	01.87- 01.91	112835	14	65				
E 350 7.5 HD Club	01.87- 01.91	111252	14	75				
	01.92- 01.96	112924#	14	130				
	01.92- 01.96	112925#	14	130				
E 350 7.5 Super	01.78- 01.91	110238	14	70				
	01.78- 01.91	110237	14	60				
	01.92- 01.96	112924#	14	130				
	01.92- 01.96	112925#	14	130				
	01.80- 01.91	112914	14	100				
	01.88- 01.91	112835	14	65				
E 450 5.4	01.88- 01.91	111252	14	75				
	01.03- 01.03	112927	14	130				
	01.03- 01.03	112940	14	95				
E 450 6.8	01.03- 01.03	112927	14	130				
	01.03- 01.03	112940	14	95				
E 450 7.3 Turbo	01.03- 01.03	111200	14	130				
	01.03- 01.03	112953	14	110				
E Series 4.9	01.86- 01.89	112835	14	65				
	01.88- 01.92	112842	14	75				
E Series 5.0	01.93- 01.93	111199	14	95				
	01.92- 01.93	111200	14	130				
Econoline 2.4					01.61- 01.64	110226	12	
Econoline 2.8					01.62- 01.67	110226	12	
Econoline 3.9					01.67- 01.67	110224	12	1.3
					01.67- 01.67	110225	12	
Escape 2.0	01.01- 01.03	112958	14	110	01.03- 01.03	112235	12	1.4
					01.01- 01.03	112340	12	1.4
Escape 3.0	01.01- 01.03	112961	14	110	01.01- 01.03	111374	12	1.5
Escort 1.6	01.81- 01.82	110237	14	60				
Escort 1.6 GL	01.83- 01.85	110237	14	60				
Escort 1.6 GLX	01.83- 01.84	110237	14	60				
Escort 1.6 GT	01.83- 01.85	110237	14	60				
Escort 1.6 L	01.83- 01.85	110237	14	60				
Escort 1.6 GL	01.83- 01.83	110237	14	60				
Escort 1.6 L	01.83- 01.83	110237	14	60				
Escort 1.8 GT	01.91- 01.96	110663	14	60				
Escort 1.8 LX-E	01.92- 01.93	110663	14	60				
Escort 1.9	01.91- 01.96	113236#	14	75				
Escort 1.9 LX	01.91- 01.96	113236#	14	75				
Escort 1.9 Pony	01.91- 01.92	113236#	14	75				
Escort 1.9 Sport	01.93- 01.95	113236#	14	75				
Escort 2.0	01.98- 01.02	111199	14	95	01.02- 01.02	112340	12	1.4
Escort 2.0 LX	01.98- 01.98	111199	14	95				
Escort 2.0 Sport	01.98- 01.98	111199	14	95				
Excursion 5.4	01.00- 01.02	112927	14	130	01.00- 01.02	112608	12	1.4
Excursion 6.0 Turbo					01.03- 01.05	113703	12	3.6
Excursion 6.8	01.00- 01.02	112927	14	130	01.00- 01.02	112608	12	1.4
Excursion 7.3 Turbo	01.00- 01.02	112949	14	110	01.00- 01.00	112276	12	2.5
EXP 1.6	01.82- 01.85	110237	14	60				
Expedition 4.6					01.99- 01.02	112608	12	1.4
					01.97- 01.98	112646	12	1.4

## STARTERS &amp; ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**FORD** Continued

Expedition 5.4					01.99- 01.02	112608	12	1.4
					01.97- 01.98	112646	12	1.4
Explorer 4.0	01.97- 01.03	112946	14	130	01.91- 01.98	112030	12	1.4
	01.91- 01.01	111199	14	95	01.91- 01.93	111844	12	1.4
	01.97- 01.01	111200	14	130				
Explorer 4.0 Sport	01.01- 01.03	112946	14	130				
Explorer 4.0 Sport Trac	01.01- 01.03	112946	14	130				
Explorer 4.0	01.02- 01.02	112946	14	130				
Explorer 4.6	01.02- 01.03	112942	14	130				
Explorer 5.0	01.96- 01.01	112946	14	130				
F 100 3.8					01.82- 01.83	110225	12	
F 100 3.9					01.65- 01.74	110225	12	
					01.65- 01.74	110224	12	1.3
F 100 4.2	01.81- 01.82	110237	14	60	01.81- 01.82	110225	12	
	01.81- 01.82	110238	14	70				
F 100 4.9	01.77- 01.83	110238	14	70	01.65- 01.82	110225	12	
	01.77- 01.83	110237	14	60	01.65- 01.79	110224	12	1.3
					01.83- 01.83	112965	12	
F 100 4.9 Super Cab	01.77- 01.79	110238	14	70	01.77- 01.79	110225	12	
	01.77- 01.79	110237	14	60	01.77- 01.79	110224	12	1.3
F 100 4.9	01.82- 01.82	110237	14	60	01.82- 01.82	110225	12	
	01.82- 01.82	110238	14	70				
F 100 5.0	01.77- 01.83	110238	14	70	01.69- 01.83	110225	12	
	01.69- 01.83	110237	14	60	01.69- 01.78	110224	12	1.3
F 100 5.8	01.77- 01.81	110237	14	60	01.66- 01.67	110226	12	
	01.77- 01.81	110238	14	70	01.81- 01.81	110225	12	
					01.77- 01.79	110228	12	
F 100 5.8 Super Cab	01.77- 01.79	110237	14	60	01.77- 01.79	110228	12	
	01.77- 01.79	110238	14	70				
F 100 5.9					01.68- 01.76	110226	12	
F 100 6.4	01.74- 01.76	110237	14	60	01.68- 01.76	110226	12	
F 100 6.6	01.77- 01.79	110237	14	60	01.77- 01.79	110228	12	
	01.77- 01.79	110238	14	70				
F 100 6.6 Super Cab	01.77- 01.78	110238	14	70	01.77- 01.78	110228	12	
	01.77- 01.78	110237	14	60				
F 100 7.5	01.79- 01.79	110238	14	70	01.73- 01.77	110229	12	
	01.73- 01.79	110237	14	60				
F 150 4.2	01.97- 01.03	111199	14	95	01.97- 01.00	111183	12	1.4
	01.97- 01.03	111200	14	130				
F 150 4.2 Heritage	01.04-	111200	14	130				
F 150 4.2 Super Cab	01.97- 01.97	111199	14	95	01.97- 01.97	111183	12	1.4
	01.97- 01.97	111200	14	130				
F 150 4.6	01.97- 01.02	112940	14	95	01.98- 01.02	112608	12	1.4
					01.97- 01.98	112646	12	1.4
					01.97- 01.97	112592	12	1.4
F 150 4.6 Super Cab	01.97- 01.00	112940	14	95	01.97- 01.00	112646	12	1.4
					01.97- 01.00	112592	12	1.4
F 150 4.9	01.94- 01.96	112925#	14	130	01.83- 01.91	112965	12	
	01.94- 01.96	112924#	14	130	01.75- 01.82	110225	12	
	01.87- 01.91	112835	14	65	01.75- 01.79	110224	12	1.3
	01.75- 01.91	110237	14	60				
	01.77- 01.91	110238	14	70				
F 150 4.9 Super Cab	01.77- 01.91	110238	14	70	01.83- 01.91	112965	12	
	01.77- 01.91	110237	14	60	01.77- 01.82	110225	12	
	01.87- 01.91	112835	14	65	01.77- 01.79	110224	12	1.3
F 150 4.9	01.82- 01.85	110237	14	60	01.82- 01.85	112965	12	
	01.82- 01.85	110238	14	70				
F 150 4.9 Super Cab	01.84- 01.85	110237	14	60	01.84- 01.85	112965	12	
	01.84- 01.85	110238	14	70				
F 150 5.0	01.92- 01.96	111252	14	75	01.92- 01.96	111844	12	1.4
	01.92- 01.96	112842	14	75	01.85- 01.91	112965	12	
	01.75- 01.91	110237	14	60	01.75- 01.85	110225	12	
	01.79- 01.91	110238	14	70	01.75- 01.78	110224	12	1.3
F 150 5.0 Super Cab	01.92- 01.96	111252	14	75	01.85- 01.91	112965	12	
	01.92- 01.96	112842	14	75	01.77- 01.85	110225	12	
	01.77- 01.91	110238	14	70	01.77- 01.79	110224	12	1.3
	01.77- 01.91	110237	14	60				
F 150 5.4	01.97- 01.02	112940	14	95	01.97- 01.98	112646	12	1.4
	01.99- 01.02	112927	14	130	01.99- 01.02	112608	12	1.4
F 150 5.4 Harley-Davidson Edition	01.01-	112940	14	95				
F 150 5.4 Super Cab	01.97- 01.98	112940	14	95	01.97- 01.98	112646	12	1.4
F 150 5.4 Super Harley-Davidson Edition					01.02- 01.03	112608	12	1.4
F 150 5.4 Super Lightning	01.99- 01.02	112940	14	95	01.99- 01.02	112608	12	1.4
F 150 5.4	01.98- 01.02	112940	14	95	01.98- 01.98	112646	12	1.4
					01.00- 01.02	112608	12	1.4
F 150 5.8	01.88- 01.96	111252	14	75	01.92- 01.96	111844	12	1.4
	01.88- 01.96	112842	14	75	01.88- 01.91	110225	12	
	01.77- 01.91	110238	14	70	01.84- 01.91	112965	12	
	01.88- 01.91	112835	14	65	01.77- 01.79	110228	12	
	01.77- 01.91	110237	14	60				
F 150 5.8 Lightning	01.93- 01.95	111199	14	95				
F 150 5.8 Super Cab	01.88- 01.96	112842	14	75	01.88- 01.91	110225	12	
	01.88- 01.96	111252	14	75	01.84- 01.91	112965	12	
	01.77- 01.91	110237	14	60	01.77- 01.79	110228	12	
	01.88- 01.91	112835	14	65				
	01.77- 01.91	110238	14	70				
F 150 5.9	01.75- 01.76	110237	14	60	01.75- 01.76	110226	12	
F 150 6.4	01.75- 01.76	110237	14	60	01.75- 01.76	110226	12	



F 150 6.6	01.77- 01.79	110237	14	60	01.77- 01.79	110228	12
	01.77- 01.79	110238	14	70			
F 150 6.6 Super Cab	01.77- 01.79	110237	14	60	01.77- 01.79	110228	12
	01.77- 01.79	110238	14	70			
F 150 6.9	01.84- 01.84	110238	14	70	01.84- 01.84	110627	12 2.5
	01.84- 01.84	110237	14	60	01.84- 01.84	112267	12 2.5
F 150 7.5	01.78- 01.79	110238	14	70	01.75- 01.77	110229	12
	01.75- 01.79	110237	14	60			
F 150 7.5 Super Cab	01.77- 01.79	110237	14	60	01.77- 01.79	110229	12
	01.77- 01.79	110238	14	70			
F 250 3.9					01.65- 01.74	110224	12 1.3
					01.65- 01.74	110225	12
F 250 4.2	01.98- 01.98	111199	14	95	01.98- 01.98	111183	12 1.4
	01.98- 01.98	111200	14	130			
F 250 4.2 Super Cab	01.97- 01.97	111200	14	130	01.97- 01.97	111183	12 1.4
	01.97- 01.97	111199	14	95			
F 250 4.6	01.97- 01.99	112940	14	95	01.97- 01.99	112646	12 1.4
					01.97- 01.99	112592	12 1.4
F 250 4.6 Super Cab	01.97- 01.99	112940	14	95	01.97- 01.99	112592	12 1.4
					01.97- 01.99	112646	12 1.4
F 250 4.9	01.94- 01.96	112925#	14	130	01.65- 01.82	110225	12
	01.94- 01.96	112924#	14	130	01.65- 01.79	110224	12 1.3
	01.87- 01.91	112835	14	65	01.83- 01.91	112965	12
	01.77- 01.91	110237	14	60			
	01.77- 01.91	110238	14	70			
F 250 4.9 Super Cab	01.87- 01.91	112835	14	65	01.83- 01.91	112965	12
	01.77- 01.91	110237	14	60	01.77- 01.82	110225	12
	01.77- 01.91	110238	14	70	01.77- 01.79	110224	12 1.3
F 250 4.9	01.82- 01.85	110237	14	60	01.82- 01.82	110225	12
	01.82- 01.85	110238	14	70	01.84- 01.85	112965	12
F 250 5.0	01.92- 01.96	111252	14	75	01.85- 01.91	112965	12
	01.92- 01.96	112842	14	75	01.72- 01.85	110225	12
	01.79- 01.91	110238	14	70	01.72- 01.78	110224	12 1.3
	01.72- 01.91	110237	14	60			
F 250 5.0 Super Cab	01.92- 01.96	111252	14	75	01.77- 01.83	110225	12
	01.77- 01.83	110238	14	70	01.77- 01.79	110224	12 1.3
	01.77- 01.83	110237	14	60			
F 250 5.4	01.97- 01.99	112940	14	95	01.99- 01.99	112608	12 1.4
					01.97- 01.98	112646	12 1.4
F 250 5.4 Super Cab	01.97- 01.99	112940	14	95	01.99- 01.99	112608	12 1.4
	01.99- 01.99	112927	14	130	01.97- 01.98	112646	12 1.4
F 250 5.4 Super Duty	01.99- 01.02	112940	14	95	01.99- 01.02	112608	12 1.4
	01.99- 01.02	112927	14	130			
F 250 5.4	01.97- 01.99	112940	14	95	01.99- 01.99	112608	12 1.4
					01.97- 01.98	112646	12 1.4
F 250 5.4 Super Cab	01.97- 01.97	112940	14	95	01.97- 01.97	112646	12 1.4
F 250 5.8	01.88- 01.97	111252	14	75	01.66- 01.67	110226	12
	01.88- 01.97	112842	14	75	01.88- 01.91	110225	12
	01.77- 01.91	110238	14	70	01.84- 01.91	112965	12
	01.77- 01.91	110237	14	60	01.77- 01.79	110228	12
	01.88- 01.91	112835	14	65			
F 250 5.8 Super Cab	01.88- 01.97	112842	14	75	01.85- 01.91	110225	12
	01.88- 01.97	111252	14	75	01.85- 01.91	112965	12
	01.88- 01.91	112835	14	65	01.77- 01.79	110228	12
	01.77- 01.91	110237	14	60			
	01.77- 01.91	110238	14	70			
F 250 5.9					01.68- 01.76	110226	12
F 250 6.4	01.74- 01.76	110237	14	60	01.68- 01.76	110226	12
F 250 6.6	01.77- 01.82	110238	14	70	01.77- 01.79	110228	12
	01.77- 01.82	110237	14	60			
F 250 6.6 Super Cab	01.77- 01.82	110238	14	70	01.77- 01.79	110228	12
	01.77- 01.82	110237	14	60			
F 250 6.8 Super Duty	01.99- 01.02	112940	14	95	01.99- 01.02	112608	12 1.4
	01.99- 01.02	112927	14	130			
F 250 6.9	01.83- 01.87	110238	14	70	01.85- 01.87	110627	12 2.5
	01.83- 01.87	110237	14	60	01.83- 01.87	112267	12 2.5
F 250 6.9 Super Cab	01.83- 01.87	110238	14	70	01.85- 01.87	110627	12 2.5
	01.83- 01.87	110237	14	60	01.83- 01.87	112267	12 2.5
F 250 7.3	01.94- 01.94	111200	14	130	01.94- 01.94	112276	12 2.5
	01.88- 01.93	110238	14	70	01.88- 01.94	112267	12 2.5
	01.88- 01.93	110237	14	60	01.88- 01.94	110627	12 2.5
	01.88- 01.93	112835	14	65			
F 250 7.3 Super Cab	01.94- 01.94	111200	14	130	01.94- 01.94	112276	12 2.5
	01.88- 01.93	110238	14	70	01.88- 01.94	112267	12 2.5
	01.88- 01.93	110237	14	60	01.88- 01.94	110627	12 2.5
	01.88- 01.93	112835	14	65			
F 250 7.3 Turbo	01.93- 01.97	111200	14	130	01.94- 01.97	112276	12 2.5
					01.93- 01.94	110627	12 2.5
					01.93- 01.93	112267	12 2.5
F 250 7.3 Turbo Super Cab	01.93- 01.97	111200	14	130	01.94- 01.97	112276	12 2.5
					01.93- 01.94	110627	12 2.5
					01.93- 01.93	112267	12 2.5
F 250 7.3 Turbo Super Duty	01.99- 01.02	112949	14	110	01.99- 01.00	112276	12 2.5
F 250 7.5	01.97- 01.97	112924#	14	130	01.73- 01.78	110229	12
	01.97- 01.97	112925#	14	130			
	01.88- 01.96	111252	14	75			
	01.78- 01.91	110238	14	70			
	01.73- 01.91	110237	14	60			
	01.88- 01.91	112835	14	65			

# STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**FORD** Continued

F 250 7.5 Super Cab	01.97- 01.97	112924#	14	130	01.77- 01.79	110229	12
	01.97- 01.97	112925#	14	130			
	01.88- 01.96	111252	14	75			
	01.88- 01.91	112835	14	65			
	01.77- 01.91	110237	14	60			
	01.77- 01.91	110238	14	70			
F 350 3.9					01.65- 01.74	110225	12
					01.65- 01.74	110224	12 1.3
F 350 4.9	01.77- 01.91	110238	14	70	01.65- 01.82	110225	12
	01.87- 01.91	112835	14	65	01.65- 01.79	110224	12 1.3
	01.77- 01.91	110237	14	60	01.83- 01.91	112965	12
F 350 4.9 Super Cab	01.79- 01.80	110237	14	60	01.79- 01.80	110225	12
	01.79- 01.80	110238	14	70			
F 350 4.9	01.82- 01.85	110237	14	60	01.82- 01.82	110225	12
	01.82- 01.85	110238	14	70	01.84- 01.85	112965	12
F 350 5.0	01.79- 01.80	110238	14	70	01.72- 01.80	110225	12
	01.72- 01.80	110237	14	60	01.72- 01.78	110224	12 1.3
F 350 5.0 Super Cab	01.79- 01.80	110237	14	60	01.79- 01.80	110225	12
	01.79- 01.80	110238	14	70			
F 350 5.4 Super Duty	01.99- 01.02	112940	14	95	01.99- 01.02	112608	12 1.4
	01.99- 01.02	112927	14	130			
F 350 5.8	01.77- 01.91	110237	14	60	01.66- 01.67	110226	12
	01.77- 01.91	110238	14	70	01.85- 01.91	110225	12
	01.88- 01.97	111252	14	75	01.85- 01.91	112965	12
	01.88- 01.97	112842	14	75	01.77- 01.79	110228	12
	01.88- 01.91	112835	14	65			
F 350 5.8 Super Cab	01.95- 01.97	111199	14	95	01.77- 01.79	110228	12
	01.77- 01.80	110238	14	70			
	01.77- 01.80	110237	14	60			
F 350 5.9	01.76-	110237	14	60	01.68- 01.76	110226	12
F 350 6.4	01.74- 01.76	110237	14	60	01.68- 01.76	110226	12
F 350 6.6	01.77- 01.82	110238	14	70	01.77- 01.79	110228	12
	01.77- 01.82	110237	14	60			
F 350 6.6 Super Cab	01.77- 01.80	110238	14	70	01.77- 01.79	110228	12
	01.77- 01.80	110237	14	60			
F 350 6.8 Super Duty	01.99- 01.02	112940	14	95	01.99- 01.02	112608	12 1.4
	01.99- 01.02	112927	14	130			
F 350 6.9	01.83- 01.87	110238	14	70	01.85- 01.87	110627	12 2.5
	01.83- 01.87	110237	14	60	01.83- 01.87	112267	12 2.5
F 350 7.3	01.94- 01.94	111200	14	130	01.88- 01.94	110627	12 2.5
	01.88- 01.93	110238	14	70	01.94- 01.94	112276	12 2.5
	01.88- 01.93	110237	14	60	01.88- 01.94	112267	12 2.5
	01.88- 01.93	112835	14	65			
F 350 7.3 Super Cab	01.94- 01.94	111200	14	130	01.88- 01.94	110627	12 2.5
	01.88- 01.93	112835	14	65	01.94- 01.94	112276	12 2.5
	01.88- 01.93	110238	14	70	01.88- 01.94	112267	12 2.5
	01.88- 01.93	110237	14	60			
F 350 7.3 Turbo	01.93- 01.97	111200	14	130	01.93- 01.94	110627	12 2.5
					01.94- 01.97	112276	12 2.5
					01.93- 01.93	112267	12 2.5
F 350 7.3 Turbo Super Cab	01.93- 01.97	111200	14	130	01.93- 01.94	110627	12 2.5
					01.94- 01.97	112276	12 2.5
					01.93- 01.93	112267	12 2.5
F 350 7.3 Turbo Super Duty	01.99- 01.02	112949	14	110	01.99- 01.00	112276	12 2.5
F 350 7.5	01.97- 01.97	112924#	14	130	01.73- 01.78	110229	12
	01.97- 01.97	112925#	14	130			
	01.88- 01.96	111252	14	75			
	01.79- 01.91	110238	14	70			
	01.73- 01.91	110237	14	60			
	01.88- 01.91	112835	14	65			
F 350 7.5 Super Cab	01.97- 01.97	112925#	14	130	01.77- 01.79	110229	12
	01.88- 01.96	111252	14	75			
	01.77- 01.91	110237	14	60			
	01.77- 01.91	110238	14	70			
	01.88- 01.91	112835	14	65			
F 450 6.8 Super Duty	01.99- 01.02	112940	14	95	01.99- 01.02	112608	12 1.4
	01.99- 01.02	112927	14	130			
F 450 7.3 Super Duty	01.93- 01.94	111200	14	130	01.90- 01.94	112267	12 2.5
	01.90- 01.92	110238	14	70	01.90- 01.94	110627	12 2.5
	01.90- 01.92	110237	14	60			
F 450 7.3 Turbo Super Duty	01.94- 01.02	112949	14	110	01.94- 01.00	112276	12 2.5
F 450 7.5 Super Duty	01.95- 01.97	112925#	14	130			
	01.95- 01.97	112924#	14	130			
	01.90- 01.94	111252	14	75			
	01.90-	110238	14	70			
	01.90-	110237	14	60			
	01.90-	112835	14	65			
	01.90-	112842	14	75			
F 53 7.5	01.88- 01.91	110238	14	70			
	01.88- 01.91	112835	14	65			
	01.88- 01.91	110237	14	60			
	01.88- 01.96	111252	14	75			
	01.97- 01.97	112925#	14	130			
	01.97- 01.97	112924#	14	130			
F 550 6.8 Super Duty	01.99- 01.02	112940	14	95	01.99- 01.02	112608	12 1.4
	01.99- 01.02	112927	14	130			
F 550 7.3 Turbo Super Duty	01.99- 01.02	112949	14	110	01.01- 01.02	111844	12 1.4
					01.99- 01.00	112276	12 2.5





F 59 7.3	01.88- 01.93	110237	14	60	01.89- 01.94	112267	12	2.5
	01.88- 01.93	110238	14	70	01.94- 01.94	112276	12	2.5
	01.88- 01.93	112835	14	65				
	01.94- 01.94	111200	14	130				
F 59 7.3 Turbo	01.93- 01.96	111200	14	130	01.94- 01.96	112276	12	2.5
					01.93- 01.93	112267	12	2.5
Fairlane 2.8					01.63- 01.66	110226	12	
Fairlane 3.3					01.65- 01.68	110226	12	
Fairlane 3.3 500					01.68- 01.68	110226	12	
Fairlane 3.6					01.62- 01.63	110225	12	
Fairlane 4.1					01.69- 01.69	110225	12	
Fairlane 4.1 500					01.69- 01.70	110225	12	
Fairlane 4.3					01.62- 01.64	110225	12	
Fairlane 4.7					01.64- 01.68	110225	12	
					01.64- 01.68	110224	12	1.3
Fairlane 4.7 500					01.68- 01.68	110225	12	
					01.68- 01.68	110224	12	1.3
Fairlane 5.0					01.68- 01.69	110225	12	
					01.68- 01.69	110224	12	1.3
Fairlane 5.0 500					01.68- 01.70	110224	12	1.3
					01.68- 01.70	110225	12	
Fairlane 5.8	01.89- 01.99	112993	14	130	01.69- 01.69	110225	12	
	01.89- 01.99	112994	14	100	01.69- 01.69	110224	12	1.3
Fairlane 5.8 500					01.69- 01.70	110225	12	
					01.69- 01.70	110224	12	1.3
Fairlane 6.4					01.66- 01.69	110226	12	
Fairlane 6.4 500					01.68- 01.69	110226	12	
Fairlane 7.0	01.89- 01.99	112993	14	130	01.66- 01.69	110226	12	
	01.89- 01.99	112994	14	100				
Fairlane 7.0 500					01.70- 01.70	110229	12	
					01.68- 01.69	110226	12	
Fairmont 2.3	01.78- 01.82	110238	14	70	01.78- 01.82	112963	12	1.4
	01.78- 01.83	110237	14	60				
	01.73- 01.76	110239	14	90				
Fairmont 2.3 Futura	01.78- 01.83	110238	14	70	01.78- 01.83	112963	12	1.4
	01.78- 01.83	110237	14	60				
Fairmont 3.3	01.79- 01.82	112914	14	100				
	01.78- 01.82	110237	14	60				
	01.78- 01.82	110238	14	70				
Fairmont 3.3 Futura	01.78- 01.83	110238	14	70				
	01.78- 01.83	110237	14	60				
	01.80- 01.83	112914	14	100				
Fairmont 4.2	01.80- 01.82	110238	14	70	01.80- 01.82	110225	12	
	01.80- 01.82	110237	14	60				
	01.80- 01.82	112914	14	100				
Fairmont 4.2 Futura	01.80- 01.81	112914	14	100	01.80- 01.81	110225	12	
	01.80- 01.81	110237	14	60				
	01.80- 01.81	110238	14	70				
Fairmont 5.0	01.78- 01.82	110239	14	90	01.78- 01.79	110225	12	
	01.78- 01.79	110238	14	70				
	01.78- 01.79	110237	14	60				
	01.78- 01.79	112914	14	100				
Fairmont 5.0 Futura	01.78- 01.79	110238	14	70	01.78- 01.79	110225	12	
	01.78- 01.79	110237	14	60				
	01.78- 01.79	112914	14	100				
Falcon 2.4					01.61- 01.64	110226	12	
Falcon 2.4 Delivery					01.61- 01.64	110226	12	
Falcon 2.8					01.61- 01.69	110226	12	
Falcon 2.8 Delivery					01.61- 01.65	110226	12	
Falcon 2.8 Futura					01.69- 01.69	110226	12	
Falcon 3.3					01.66- 01.70	110225	12	
Falcon 3.3 Futura					01.68- 01.70	110225	12	
Falcon 4.1					01.70- 01.70	110225	12	
Falcon 4.1 Futura					01.70- 01.70	110225	12	
Falcon 4.3					01.63- 01.64	110225	12	
Falcon 4.3 Delivery					01.63- 01.64	110225	12	
Falcon 4.7					01.64- 01.68	110225	12	
					01.64- 01.68	110224	12	1.3
Falcon 4.7 Delivery					01.65- 01.65	110225	12	
					01.65- 01.65	110224	12	1.3
Falcon 4.7 Futura					01.68- 01.68	110225	12	
					01.68- 01.68	110224	12	1.3
Falcon 5.0					01.68- 01.70	110225	12	
					01.68- 01.70	110224	12	1.3
Falcon 5.0 Futura					01.68- 01.70	110225	12	
					01.68- 01.70	110224	12	1.3
Festiva 1.3 GL					01.91- 01.93	110808	12	0.85
Festiva 1.3 L	01.88- 01.93	110692#	14	55	01.91- 01.93	110807	12	0.85
					01.88- 01.93	110807	12	0.85
Festiva 1.3 L Plus					01.88- 01.93	110808	12	0.85
					01.90- 01.90	110807	12	0.85
Festiva 1.3 LX					01.90- 01.90	110808	12	0.85
	01.88- 01.90	110692#	14	55	01.88- 01.92	110807	12	0.85
					01.88- 01.92	110808	12	0.85
Fiesta 1.6	01.78- 01.80	111289	14	70	01.78- 01.80	111053#	12	0.8
Focus 2.0 LE	01.00- 01.00	112959	14	110	01.00- 01.00	112235	12	1.4
Focus 2.0 LX	01.00- 01.02	112959	14	110	01.00- 01.02	112235	12	1.4
Focus 2.0 S2	01.01- 01.02	112958	14	110	01.01- 01.02	112235	12	1.4
Focus 2.0 SE	01.00- 01.02	112959	14	110	01.00- 01.02	112235	12	1.4

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

**FORD** *Continued*

Focus 2.0 Street	01.01- 01.02	112958	14	110	01.01- 01.02	112235	12	1.4
Focus 2.0 SVT	01.02- 01.02	112958	14	110	01.02- 01.02	112235	12	1.4
Focus 2.0 ZTS	01.00- 01.02	112958	14	110	01.00- 01.02	112235	12	1.4
Focus 2.0 ZTW	01.02- 01.02	112958	14	110	01.02- 01.02	112235	12	1.4
Focus 2.0 ZX3	01.00- 01.02	112958	14	110	01.00- 01.02	112235	12	1.4
Focus 2.0 ZX5	01.02- 01.02	112958	14	110	01.02- 01.02	112235	12	1.4
Galaxie 3.9					01.65- 01.67	110225	12	
					01.65- 01.67	110224	12	1.3
Galaxie 3.9 500					01.68- 01.72	110225	12	
					01.68- 01.72	110224	12	1.3
Galaxie 4.3					01.64- 01.64	110225	12	
					01.64- 01.64	110224	12	1.3
Galaxie 4.7					01.63- 01.67	110225	12	
					01.63- 01.67	110224	12	1.3
Galaxie 5.0 500	01.72- 01.72	110237	14	60	01.68- 01.72	110225	12	
					01.68- 01.72	110224	12	1.3
Galaxie 5.0 500 XL					01.68- 01.70	110225	12	
					01.68- 01.70	110224	12	1.3
Galaxie 5.8					01.65- 01.66	110226	12	
Galaxie 5.8 500					01.69- 01.74	110225	12	
Galaxie 5.8 500 XL					01.69- 01.70	110225	12	
Galaxie 6.4					01.65- 01.67	110226	12	
Galaxie 6.4 500					01.68- 01.71	110226	12	
Galaxie 6.4 500 XL					01.68- 01.70	110226	12	
Galaxie 6.6 500	01.71- 01.74	110237	14	60	01.71- 01.74	110228	12	
	01.71- 01.74	110238	14	70				
Galaxie 7.0					01.65- 01.67	110226	12	
Galaxie 7.0 500					01.69- 01.73	110229	12	
					01.69- 01.73	110228	12	
					01.68- 01.69	110226	12	
					01.68- 01.69	110226	12	
Galaxie 7.0 500 XL					01.69- 01.70	110228	12	
					01.69- 01.70	110229	12	
Galaxie 7.5 500	01.73- 01.74	110237	14	60	01.73- 01.74	110229	12	
	01.73- 01.74	110238	14	70				
Gran Torino 4.1	01.72- 01.74	110238	14	70	01.72- 01.74	110225	12	
	01.72- 01.74	110237	14	60				
Gran Torino 4.1 Elite	01.74- 01.74	110237	14	60	01.74- 01.74	110225	12	
	01.74- 01.74	110238	14	70				
Gran Torino 5.0	01.72- 01.74	110237	14	60	01.72- 01.74	110224	12	1.3
	01.72- 01.74	110238	14	70	01.72- 01.74	110225	12	
Gran Torino 5.0 Brougham	01.74- 01.74	110237	14	60	01.74- 01.74	110225	12	
	01.74- 01.74	110238	14	70	01.74- 01.74	110224	12	1.3
Gran Torino 5.0 Sport	01.72- 01.74	110237	14	60	01.72- 01.74	110224	12	1.3
	01.72- 01.74	110238	14	70	01.72- 01.74	110225	12	
Gran Torino 5.0 Squire	01.72- 01.74	110237	14	60	01.72- 01.74	110224	12	1.3
	01.72- 01.74	110238	14	70	01.72- 01.74	110225	12	
Gran Torino 5.8	01.72- 01.76	110237	14	60	01.72- 01.76	110225	12	
	01.72- 01.76	110238	14	70	01.72- 01.76	110224	12	1.3
Gran Torino 5.8 Brougham	01.74- 01.76	110237	14	60	01.74- 01.76	110225	12	
	01.74- 01.76	110238	14	70	01.74- 01.76	110224	12	1.3
Gran Torino 5.8 Elite	01.74- 01.74	110237	14	60	01.74- 01.74	110225	12	
	01.74- 01.74	110238	14	70	01.74- 01.74	110224	12	1.3
Gran Torino 5.8 Sport	01.72- 01.76	110237	14	60	01.72- 01.76	110225	12	
	01.72- 01.76	110238	14	70	01.72- 01.76	110224	12	1.3
Gran Torino 5.8 Squire	01.72- 01.76	110237	14	70	01.72- 01.76	110225	12	
	01.72- 01.76	110237	14	60	01.72- 01.76	110224	12	1.3
Gran Torino 6.6	01.72- 01.76	110238	14	70	01.72- 01.76	110229	12	
	01.72- 01.76	110237	14	60	01.72- 01.76	110228	12	
Gran Torino 6.6 Brougham	01.74- 01.76	110238	14	70	01.74- 01.76	110229	12	
	01.74- 01.76	110237	14	60	01.74- 01.76	110228	12	
Gran Torino 6.6 Elite	01.74- 01.74	110238	14	70	01.74- 01.74	110229	12	
	01.74- 01.74	110237	14	60	01.74- 01.74	110228	12	
Gran Torino 6.6 Sport	01.72- 01.75	110238	14	70	01.72- 01.75	110229	12	
	01.72- 01.75	110237	14	60	01.72- 01.75	110228	12	
Gran Torino 6.6 Squire	01.72- 01.76	110237	14	60	01.72- 01.76	110229	12	
	01.72- 01.76	110238	14	70	01.72- 01.76	110228	12	
Gran Torino 7.0	01.72- 01.73	110237	14	60	01.72- 01.73	110229	12	
	01.72- 01.73	110238	14	70				
Gran Torino 7.0 Sport	01.72- 01.73	110237	14	60	01.72- 01.73	110229	12	
	01.72- 01.73	110238	14	70				
Gran Torino 7.0 Squire	01.72- 01.73	110237	14	60	01.72- 01.73	110229	12	
	01.72- 01.73	110238	14	70				
Gran Torino 7.5	01.74- 01.76	110237	14	60	01.74- 01.76	110229	12	
	01.74- 01.76	110238	14	70				
Gran Torino 7.5 Brougham	01.74- 01.76	110237	14	60	01.74- 01.76	110229	12	
	01.74- 01.76	110238	14	70				
Gran Torino 7.5 Elite	01.74- 01.74	110237	14	60	01.74- 01.74	110229	12	
	01.74- 01.74	110238	14	70				
Gran Torino 7.5 Sport	01.74- 01.75	110237	14	60	01.74- 01.75	110229	12	
	01.74- 01.75	110238	14	70				
Gran Torino 7.5 Squire	01.74- 01.76	110237	14	60	01.74- 01.76	110229	12	
	01.74- 01.76	110238	14	70				
Granada 2.3	01.81- 01.82	110237	14	60	01.81- 01.82	112963	12	1.4
Granada 3.3	01.75- 01.82	110237	14	60	01.75- 01.77	110226	12	
	01.75- 01.82	110238	14	70				
Granada 3.3 Ghia	01.77- 01.77	110237	14	60	01.77- 01.77	110226	12	
	01.77- 01.77	110238	14	70				



Granada 4.1	01.75- 01.80	110237	14	60	01.75- 01.80	110225	12
	01.75- 01.80	110238	14	70			
Granada 4.1 Ghia	01.75- 01.77	110237	14	60	01.75- 01.77	110225	12
	01.75- 01.77	110238	14	70			
Granada 4.2	01.80- 01.81	110237	14	60			
	01.80- 01.81	110238	14	70			
Granada 5.0	01.75- 01.80	110238	14	70	01.75- 01.80	110225	12
	01.75- 01.80	110237	14	60	01.75- 01.80	110224	12 1.3
Granada 5.0 Ghia	01.75- 01.77	110237	14	60	01.75- 01.77	110224	12 1.3
	01.75- 01.77	110238	14	70	01.75- 01.77	110225	12
Granada 5.8	01.75- 01.77	110238	14	70	01.75- 01.77	110225	12
	01.75- 01.77	110237	14	60			
Granada 5.8 Ghia	01.75- 01.77	110237	14	60	01.75- 01.77	110225	12
	01.75- 01.77	110238	14	70			
LTD 2.3	01.83- 01.86	110237	14	60	01.83- 01.86	112963	12 1.4
LTD 2.3 Brougham	01.83- 01.86	110237	14	60	01.83- 01.86	112963	12 1.4
LTD 2.3	01.83- 01.85	110237	14	60	01.83- 01.85	112963	12 1.4
LTD 2.3 Brougham	01.83- 01.85	110237	14	60	01.83- 01.85	112963	12 1.4
LTD 3.3	01.83- 01.83	110238	14	70			
	01.83- 01.83	110237	14	60			
LTD 3.3 Brougham	01.83- 01.83	110238	14	70			
	01.83- 01.83	110237	14	60			
LTD 4.2	01.81- 01.82	110238	14	70			
	01.81- 01.82	110237	14	60			
LTD 4.2 Crown Victoria	01.81- 01.82	112914	14	100			
	01.81- 01.82	110238	14	70			
LTD 4.2 S	01.81- 01.82	112914	14	100			
	01.81- 01.82	110238	14	70			
LTD 4.2 S	01.81- 01.82	110237	14	60			
	01.81- 01.82	112914	14	100			
LTD 4.7					01.67- 01.68	110225	12
					01.67- 01.68	110224	12 1.3
LTD 5.0	01.71- 01.85	110237	14	60	01.68- 01.82	110225	12
	01.77- 01.82	110238	14	70	01.68- 01.72	110224	12 1.3
LTD 5.0 Brougham	01.79- 01.85	112914	14	100			
	01.71- 01.85	110237	14	60	01.71- 01.77	110225	12
LTD 5.0 Country Squire	01.77- 01.77	110238	14	70	01.71- 01.72	110224	12 1.3
	01.84- 01.85	112914	14	100			
LTD 5.0 Crown Victoria	01.80- 01.86	110237	14	60			
	01.80- 01.86	112914	14	100			
LTD 5.0 Landau	01.80- 01.82	110238	14	70	01.80- 01.82	110225	12
	01.80- 01.86	110237	14	60			
LTD 5.0 LX	01.80- 01.86	112914	14	100			
	01.77- 01.79	110237	14	60	01.77- 01.79	110225	12
LTD 5.0 S	01.77- 01.79	110238	14	70			
	01.79- 01.79	112914	14	100			
LTD 5.8	01.85- 01.85	110237	14	60			
	01.85- 01.85	112914	14	100			
LTD 5.8 Brougham	01.80- 01.82	112914	14	100	01.77- 01.82	110225	12
	01.77- 01.82	110238	14	70			
LTD 5.8 Country Squire	01.77- 01.82	110237	14	60			
	01.75- 01.82	110237	14	60	01.69- 01.82	110225	12
LTD 5.8 Crown Victoria	01.75- 01.82	110238	14	70	01.75- 01.79	110228	12
	01.80- 01.82	112914	14	100			
LTD 5.8 Landau	01.75- 01.77	110238	14	70	01.71- 01.77	110225	12
	01.75- 01.77	110237	14	60	01.75- 01.77	110228	12
LTD 5.8 Squire	01.80- 01.86	110238	14	70			
	01.80- 01.86	110237	14	60			
LTD 5.8 S	01.80- 01.86	112914	14	100			
	01.80- 01.82	110238	14	70	01.80- 01.82	110225	12
LTD 5.8 Squire	01.80- 01.82	110237	14	60			
	01.80- 01.86	112914	14	100			
LTD 6.4	01.75- 01.79	110237	14	60	01.75- 01.78	110228	12
	01.75- 01.79	110238	14	70	01.79- 01.79	110225	12
LTD 6.4 Brougham	01.79- 01.79	112914	14	100			
	01.77- 01.82	110238	14	70	01.77- 01.82	110225	12
LTD 6.6	01.77- 01.82	110237	14	60	01.77- 01.79	110228	12
	01.77- 01.77	110237	14	60	01.77- 01.77	110225	12
LTD 6.6 Brougham	01.77- 01.77	110238	14	70	01.77- 01.77	110228	12
	01.77- 01.77	110237	14	60			
LTD 6.6 Landau	01.75- 01.78	110238	14	70	01.75- 01.78	110228	12
	01.75- 01.78	110237	14	60			
LTD 6.6 S	01.77- 01.78	110237	14	60	01.77- 01.78	110228	12
	01.77- 01.78	110238	14	70			
LTD 6.6 Squire	01.77- 01.77	110238	14	70	01.77- 01.77	110228	12
	01.77- 01.77	110237	14	60			
LTD 7.0					01.69- 01.73	110229	12
					01.69- 01.73	110228	12
LTD 7.0 Brougham					01.68- 01.69	110226	12
					01.71- 01.73	110229	12
					01.71- 01.73	110228	12



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LTD 7.5	01.72- 01.78	110238	14	70	01.72- 01.78	110228	12
	01.72- 01.78	110237	14	60			
LTD 7.5 Brougham	01.72- 01.76	110238	14	70	01.72- 01.76	110228	12
	01.72- 01.76	110237	14	60			
LTD 7.5 Landau	01.75- 01.78	110238	14	70	01.75- 01.78	110228	12
	01.75- 01.78	110237	14	60			
	01.73- 01.73	110237	14	60	01.73- 01.73	110226	12
M 400 5.9	01.74- 01.75	110237	14	60	01.74- 01.75	110226	12
M 450 5.9	01.77- 01.77	110237	14	60	01.70- 01.77	110226	12
Maverick 3.3	01.76- 01.77	110237	14	60	01.70- 01.77	110225	12
Maverick 4.1	01.77- 01.77	110237	14	60	01.71- 01.77	110225	12
Maverick 5.0					01.71- 01.76	110224	12 1.3
Mustang 2.3	01.74- 01.86	110237	14	60	01.82- 01.86	112963	12 1.4
	01.74- 01.81	110238	14	70	01.74- 01.78	110230	12
Mustang 2.3 2+2	01.74- 01.78	110237	14	60	01.74- 01.78	110230	12
	01.74- 01.78	110238	14	70			
Mustang 2.3 Ghia	01.74- 01.82	110237	14	60	01.82- 01.82	112963	12 1.4
	01.74- 01.81	110238	14	70	01.74- 01.78	110230	12
Mustang 2.3 L	01.84- 01.84	110237	14	60	01.84- 01.84	112963	12 1.4
Mustang 2.3 LX	01.87- 01.93	111252	14	75	01.85- 01.93	112963	12 1.4
	01.87- 01.90	112835	14	65	01.92- 01.93	113222	12 1.4
	01.85- 01.86	110237	14	60	01.91- 01.93	112600	12 1.4
Mustang 2.3 Mach I	01.74- 01.78	110237	14	60	01.74- 01.78	110230	12
	01.74- 01.78	110238	14	70			
Mustang 2.3 Turbo	01.75- 01.86	110237	14	60	01.92- 01.93	113222	12 1.4
	01.79- 01.79	110238	14	70	01.83- 01.83	112963	12 1.4
Mustang 2.3 Turbo Ghia	01.79- 01.79	110238	14	70	01.92- 01.93	113222	12 1.4
	01.79- 01.79	110237	14	60			
Mustang 2.3 Turbo GT	01.84- 01.84	110237	14	60	01.84- 01.84	112963	12 1.4
Mustang 2.3 Turbo L	01.84- 01.84	110237	14	60	01.84- 01.84	112963	12 1.4
Mustang 2.3 Turbo SVO	01.84- 01.86	110237	14	60	01.84- 01.86	112963	12 1.4
Mustang 2.8	01.74- 01.79	110238	14	70	01.65- 01.65	110226	12
	01.74- 01.79	110237	14	60	01.74- 01.78	110230	12
Mustang 2.8 2+2	01.74- 01.78	110238	14	70	01.74- 01.78	110230	12
	01.74- 01.78	110237	14	60			
Mustang 2.8 Ghia	01.74- 01.79	110238	14	70	01.74- 01.78	110230	12
	01.74- 01.79	110237	14	60			
Mustang 2.8 Mach I	01.74- 01.78	110237	14	60	01.74- 01.78	110230	12
	01.74- 01.78	110238	14	70			
Mustang 3.3	01.79- 01.82	110238	14	70	01.65- 01.70	110226	12
	01.79- 01.82	110237	14	60			
Mustang 3.3 Ghia	01.79- 01.82	110237	14	60			
	01.79- 01.82	110238	14	70			
Mustang 3.3 Grande					01.70- 01.70	110226	12
Mustang 3.8	01.94- 01.02	112933	14	130	01.99- 01.02	111183	12 1.4
Mustang 4.1					01.69- 01.73	110225	12
Mustang 4.1 Grande					01.70- 01.73	110225	12
Mustang 4.1 Mach I					01.71- 01.71	110225	12
Mustang 4.2	01.80- 01.82	110238	14	70	01.80- 01.82	110225	12
	01.80- 01.82	110237	14	60			
Mustang 4.2 Ghia	01.80- 01.82	110238	14	70	01.80- 01.82	110225	12
	01.80- 01.82	110237	14	60			
Mustang 4.6 Bullitt	01.01- 01.01	112954	14	105	01.01- 01.01	112646	12 1.4
	01.01- 01.01	112943	14	130			
Mustang 4.6 Cobra	01.96- 01.02	112943	14	130	01.96- 01.02	112646	12 1.4
	01.99- 01.00	112954	14	105	01.96- 01.98	112592	12 1.4
Mustang 4.6 GT	01.96- 01.03	112943	14	130	01.96- 01.02	112646	12 1.4
	01.99- 01.03	112954	14	105	01.96- 01.98	112592	12 1.4
Mustang 4.6 Mach I	01.03- 01.03	112943	14	130			
	01.03- 01.03	112954	14	105			
Mustang 4.6 Super Cobra	01.03- 01.03	112943	14	130			
	01.03- 01.03	112954	14	105			
Mustang 4.7					01.64- 01.68	110224	12 1.3
					01.64- 01.68	110225	12
Mustang 5.0	01.75- 01.85	110237	14	60	01.68- 01.73	110224	12 1.3
	01.75- 01.85	110238	14	70	01.68- 01.83	110225	12
	01.84- 01.85	112914	14	100			
Mustang 5.0 Cobra	01.93- 01.94	111252	14	75			
Mustang 5.0 Cobra SVT	01.95- 01.95	112933	14	130			
Mustang 5.0 Ghia	01.75- 01.82	110237	14	60	01.75- 01.82	110225	12
	01.75- 01.82	110238	14	70			
Mustang 5.0 Grande					01.70- 01.73	110224	12 1.3
					01.70- 01.73	110225	12
Mustang 5.0 GT	01.94- 01.95	112933	14	130			
	01.87- 01.93	111252	14	75			
	01.86- 01.91	112835	14	65			
	01.84- 01.85	110237	14	60			
	01.84- 01.85	110238	14	70			
Mustang 5.0 GTS	01.84- 01.95	112933	14	130			
Mustang 5.0 L	01.84- 01.84	110237	14	60			
	01.84- 01.84	110238	14	70			
Mustang 5.0 LX	01.87- 01.93	111252	14	75			
	01.86- 01.91	112835	14	65			
	01.85- 01.85	110238	14	70			
	01.85- 01.85	110237	14	60			
Mustang 5.0 Mach I	01.75- 01.78	110237	14	60	01.70- 01.78	110225	12
	01.75- 01.78	110238	14	70	01.70- 01.73	110224	12 1.3



Mustang 5.8	01.72- 01.73	110237	14	60	01.69- 01.73	110225	12
	01.72- 01.73	110238	14	70	01.69- 01.73	110224	12 1.3
	01.74- 01.77	110239	14	90			
Mustang 5.8 Boss 351					01.71- 01.71	110224	12 1.3
					01.71- 01.71	110225	12
Mustang 5.8 Cobra R					01.95-	111183	12 1.4
Mustang 5.8 Grande	01.72- 01.73	110237	14	60	01.70- 01.73	110224	12 1.3
	01.72- 01.73	110238	14	70	01.70- 01.73	110225	12
Mustang 5.8 Mach I	01.72- 01.73	110237	14	60	01.70- 01.73	110225	12
	01.72- 01.73	110238	14	70	01.70- 01.73	110224	12 1.3
Mustang 6.4					01.67- 01.69	110226	12
					01.70- 01.71	110229	12
Mustang 7.0					01.68- 01.70	110226	12
					01.69- 01.69	110229	12
Mustang 7.0 Boss 429					01.70- 01.71	110229	12
Mustang 7.0 Grande					01.70- 01.70	110226	12
					01.70- 01.71	110229	12
Mustang 7.0 Mach I					01.70- 01.70	110226	12
					01.70- 01.71	110229	12
P 100 2.8					01.65- 01.67	110226	12
P 350 3.9					01.68- 01.72	110225	12
					01.68- 01.72	110224	12 1.3
P 350 4.9	01.75- 01.76	110237	14	60	01.68- 01.74	110225	12
					01.68- 01.74	110224	12 1.3
P 350 5.0	01.72- 01.76	110237	14	60	01.72- 01.76	110225	12
					01.72- 01.76	110224	12 1.3
P 350 5.9	01.73- 01.73	110237	14	60	01.73- 01.73	110226	12
P 350 6.4	01.72- 01.73	110237	14	60	01.72- 01.73	110226	12
P 350 6.6	01.76-	110237	14	60			
P 400 5.0	01.75-	110237	14	60			
P 400 6.6	01.75-	110237	14	60			
P 500 5.0	01.75-	110237	14	60			
P 500 6.6	01.75-	110237	14	60			
Pinto 1.6					01.71- 01.73	110230	12
Pinto 2.0					01.71- 01.74	110230	12
Pinto 2.3	01.74- 01.80	110237	14	60	01.74- 01.79	110230	12
	01.74- 01.80	110238	14	70			
Pinto 2.8	01.75- 01.79	110238	14	70	01.75- 01.79	110230	12
	01.75- 01.79	110237	14	60			
Probe 2.0					01.97- 01.97	110810	12 1.4
Probe 2.0 SE					01.93- 01.96	110810	12 1.4
Probe 2.2 GL	01.89- 01.92	110664	14	70	01.89- 01.92	110810	12 1.4
Probe 2.2 LX	01.89- 01.89	110664	14	70	01.89- 01.89	110810	12 1.4
Probe 2.2 Turbo GT	01.89- 01.92	110664	14	70	01.89- 01.92	110810	12 1.4
Probe 2.5 GT	01.93- 01.97	111315	14	90	01.93- 01.97	111311	12 1.7
Probe 3.0 LX					01.90- 01.92	111370	12 1.2
					01.90- 01.92	112588	12 1.4
Ranch 3.9					01.68- 01.69	110224	12 1.3
					01.68- 01.69	110225	12
Ranch 4.7					01.68- 01.68	110224	12 1.3
					01.68- 01.68	110225	12
Ranch 5.0					01.68- 01.72	110224	12 1.3
					01.68- 01.72	110225	12
Ranch 5.8					01.69- 01.74	110225	12
Ranch 6.4					01.68- 01.71	110226	12
Ranch 6.6	01.71- 01.76	110238	14	70	01.71- 01.76	110228	12
	01.71- 01.76	110237	14	60			
Ranch 7.0					01.69- 01.73	110229	12
					01.69- 01.73	110228	12
Ranch 7.0 Police Cruiser					01.68- 01.69	110226	12
					01.70- 01.70	110226	12
Ranch 7.5	01.73- 01.76	110237	14	60	01.73- 01.76	110229	12
	01.73- 01.76	110238	14	70			
Ranch Wagon 3.9					01.65- 01.67	110225	12
					01.65- 01.67	110224	12 1.3
Ranch Wagon 4.3					01.63- 01.64	110225	12
					01.63- 01.64	110224	12 1.3
Ranch Wagon 4.7					01.63- 01.67	110225	12
					01.63- 01.67	110224	12 1.3
Ranch Wagon 5.8					01.65- 01.66	110226	12
Ranch Wagon 6.4					01.65- 01.67	110226	12
Ranch Wagon 7.0					01.64- 01.66	110226	12
Ranchero 4.1					01.69- 01.71	110226	12
Ranchero 4.1 500					01.70- 01.73	110225	12
Ranchero 4.1 GT					01.71- 01.72	110225	12
Ranchero 4.1 Squire					01.70- 01.73	110225	12
Ranchero 5.0 500	01.77- 01.79	110237	14	60	01.70- 01.79	110225	12
	01.77- 01.79	110238	14	70	01.70- 01.77	110224	12 1.3
Ranchero 5.0 GT	01.73- 01.79	110237	14	60	01.73- 01.79	110225	12
	01.73- 01.79	110238	14	70	01.73- 01.79	110224	12 1.3
Ranchero 5.0 Squire	01.77- 01.79	110238	14	70	01.70- 01.79	110225	12
	01.77- 01.79	110237	14	60	01.70- 01.77	110224	12 1.3
Ranchero 5.8					01.69- 01.71	110225	12
					01.69- 01.71	110224	12 1.3
Ranchero 5.8 500	01.75- 01.79	110238	14	70	01.70- 01.79	110225	12
	01.75- 01.79	110237	14	60	01.70- 01.74	110224	12 1.3
Ranchero 5.8 GT	01.75- 01.79	110238	14	70	01.75- 01.77	110228	12
	01.75- 01.79	110237	14	60	01.69- 01.74	110224	12 1.3
					01.69- 01.79	110225	12
					01.75- 01.77	110228	12

# STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**FORD** Continued

Ranchero 5.8 Squire	01.75- 01.79	110237	14	60	01.70- 01.74	110224	12	1.3
	01.75- 01.79	110238	14	70	01.70- 01.79	110225	12	
					01.75- 01.77	110228	12	
Ranchero 6.4					01.67- 01.69	110226	12	
Ranchero 6.4 GT					01.68- 01.69	110226	12	
Ranchero 6.6 500	01.72- 01.78	110237	14	60	01.72- 01.77	110228	12	
	01.72- 01.78	110238	14	70				
Ranchero 6.6 GT	01.72- 01.78	110238	14	70	01.72- 01.77	110228	12	
	01.72- 01.78	110237	14	60				
Ranchero 6.6 Squire	01.72- 01.78	110237	14	60	01.72- 01.77	110228	12	
	01.72- 01.78	110238	14	70				
Ranchero 7.0					01.70- 01.71	110229	12	
					01.68- 01.68	110226	12	
Ranchero 7.0 500	01.72- 01.73	110238	14	70	01.70- 01.73	110229	12	
	01.72- 01.73	110237	14	60				
Ranchero 7.0 GT	01.72- 01.73	110238	14	70	01.70- 01.73	110229	12	
	01.72- 01.73	110237	14	60				
Ranchero 7.0 Squire	01.72- 01.73	110237	14	60	01.70- 01.73	110229	12	
	01.72- 01.73	110238	14	70				
Ranchero 7.5 500	01.74- 01.76	110237	14	60	01.74- 01.76	110229	12	
	01.74- 01.76	110238	14	70				
Ranchero 7.5 GT	01.74- 01.76	110237	14	60	01.74- 01.76	110229	12	
	01.74- 01.76	110238	14	70				
Ranchero 7.5 Squire	01.74- 01.76	110237	14	60	01.74- 01.76	110229	12	
	01.74- 01.76	110238	14	70				
Ranger 2.0	01.83- 01.88	110237	14	60	01.83- 01.88	112963	12	1.4
Ranger 2.2	01.83- 01.84	110237	14	60	01.83- 01.84	110578	12	2.0
Ranger 2.3	01.83- 01.90	110237	14	60	01.83- 01.90	112963	12	1.4
	01.97- 01.97	111199	14	95	01.91- 01.97	113222	12	1.4
					01.97- 01.97	112600	12	1.4
Ranger 2.3 Super	01.86- 01.91	110237	14	60	01.86- 01.91	112963	12	1.4
	01.92- 01.97	111199	14	95	01.92- 01.97	113222	12	1.4
Ranger 2.3 Turbo	01.85- 01.87	110237	14	60	01.85- 01.87	112963	12	1.4
Ranger 2.5	01.98- 01.01	111199	14	95	01.98- 01.01	112600	12	1.4
Ranger 2.5 Super	01.98- 01.98	111199	14	95	01.98- 01.98	112600	12	1.4
Ranger 2.8	01.83- 01.85	110237	14	60	01.83- 01.85	112016	12	
Ranger 2.9	01.86- 01.91	110237	14	60	01.86- 01.91	112016	12	
Ranger 2.9 Super	01.86- 01.91	110237	14	60	01.86- 01.91	112016	12	
Ranger 3.0	01.97- 01.03	111199	14	95	01.91- 01.04	112588	12	1.4
	01.91- 01.96	112842	14	75	01.91- 01.97	111370	12	1.2
Ranger 3.0 Edge	01.05-	111199	14	95				
Ranger 3.0 Super	01.97- 01.98	111199	14	95	01.91- 01.97	111370	12	1.2
	01.91- 01.96	112842	14	75	01.91- 01.98	112588	12	1.4
Ranger 3.0 XL	01.05-	111199	14	95				
Ranger 3.0 XLT	01.05-	111199	14	95				
Ranger 3.0	01.99- 01.03	111199	14	95	01.99- 01.04	112588	12	1.4
Ranger 4.0	01.98- 01.00	111199	14	95	01.90- 01.97	112030	12	1.4
	01.98- 01.03	111200	14	130				
Ranger 4.0 Super	01.98- 01.98	111199	14	95	01.90- 01.97	112030	12	1.4
	01.98- 01.98	111200	14	130				
Sunliner 4.3					01.64- 01.64	110224	12	1.3
					01.64- 01.64	110225	12	
Taurus 2.5 GL					01.91- 01.91	111370	12	1.2
					01.91- 01.91	112588	12	1.4
Taurus 3.0	01.99- 01.02	112944	14	130				
	01.99- 01.00	112936	14	130				
	01.86- 01.86	110238	14	70				
	01.86- 01.86	112914	14	100				
Taurus 3.0 G	01.96- 01.98	112944	14	130	01.96- 01.98	112584	12	1.4
	01.96- 01.98	112936	14	130				
Taurus 3.0 GL	01.96- 01.98	112936	14	130	01.92- 01.98	112584	12	1.4
	01.96- 01.98	112944	14	130	01.92- 01.95	112586	12	1.4
	01.87- 01.91	110238	14	70				
	01.87- 01.91	112914	14	100				
Taurus 3.0 L	01.87- 01.91	110238	14	70	01.92- 01.92	112584	12	1.4
	01.87- 01.91	112914	14	100	01.92- 01.92	112586	12	1.4
Taurus 3.0 LX	01.96- 01.98	112936	14	130	01.92- 01.98	112584	12	1.4
	01.96- 01.98	112944	14	130	01.92- 01.95	112586	12	1.4
	01.87- 01.91	110238	14	70				
	01.87- 01.91	112914	14	100				
Taurus 3.0 MT5	01.87- 01.88	110238	14	70				
	01.87- 01.88	112914	14	100				
Taurus 3.0 SE					01.95- 01.95	112584	12	1.4
					01.95- 01.95	112586	12	1.4
Taurus 3.0 SHO				01.92- 01.95	112586	12	1.4	
Taurus 3.0	01.99- 01.00	112944	14	130				
	01.99- 01.00	112936	14	130				
Taurus 3.0 GL	01.96- 01.98	112936	14	130	01.93- 01.98	112584	12	1.4
	01.96- 01.98	112944	14	130	01.93- 01.94	112586	12	1.4
	01.93- 01.94	112931	14	130				
Taurus 3.0 SE					01.95- 01.95	112584	12	1.4
					01.95- 01.95	112586	12	1.4
Taurus 3.2 SHO				01.93- 01.95	112584	12	1.4	
Taurus 3.8 GL					01.91- 01.95	112584	12	1.4
					01.90- 01.95	112586	12	1.4
					112286	12	1.7	
Taurus 3.8 L					01.91- 01.92	112584	12	1.4
					01.90- 01.92	112586	12	1.4



Taurus 3.8 LX					01.91- 01.95	112584	12	1.4
					01.90- 01.95	112586	12	1.4
Taurus 3.8 SE					01.95- 01.95	112584	12	1.4
					01.95- 01.95	112586	12	1.4
Tempo 2.3					01.91- 01.91	111370	12	1.2
Tempo 2.3 GL					01.91- 01.94	111370	12	1.2
Tempo 2.3 GLS					01.91- 01.91	111370	12	1.2
Tempo 2.3 L					01.91- 01.91	111370	12	1.2
Tempo 2.3 LX	01.92- 12.93	113236#	14	75	01.91- 01.94	111370	12	1.2
Tempo 3.0 GL	01.92- 12.93	113236#	14	75	01.92- 01.94	112584	12	1.4
					01.92- 01.94	112586	12	1.4
Tempo 3.0 GLS					01.92- 01.92	112584	12	1.4
					01.92- 01.92	112586	12	1.4
Tempo 3.0 LX					01.92- 01.94	112584	12	1.4
					01.92- 01.94	112586	12	1.4
Thunderbird 2.3 Turbo	01.87- 01.87	111252	14	75	01.83- 01.88	112963	12	1.4
	01.83- 01.86	110237	14	60				
Thunderbird 2.3 Turbo Sport	01.87-	111252	14	75				
Thunderbird 3.3	01.80- 01.82	110238	14	70				
	01.80- 01.82	110237	14	60				
Thunderbird 3.8	01.88- 01.92	112835	14	65	01.89- 01.96	111183	12	1.4
Thunderbird 3.8 LX	01.94- 01.97	112933	14	130	01.89- 01.96	111183	12	1.4
	01.89- 01.93	111252	14	75				
	01.88- 01.92	112835	14	65				
Thunderbird 3.8 Super SC					01.89- 01.96	111183	12	1.4
Thunderbird 4.2	01.80- 01.81	110238	14	70	01.80- 01.81	110225	12	
	01.80- 01.81	110237	14	60				
Thunderbird 4.6 LX	01.94- 01.96	112927	14	130	01.97- 01.97	112646	12	1.4
					01.94- 01.97	112592	12	1.4
Thunderbird 5.0	01.77- 01.88	110237	14	60	01.77- 01.81	110225	12	
	01.77- 01.81	110238	14	70				
	01.79- 12.79	112914	14	100				
Thunderbird 5.0 LX	01.87- 01.92	112835	14	65				
Thunderbird 5.0 Sport	01.87- 01.88	112835	14	65				
Thunderbird 5.8	01.77- 01.79	110238	14	70	01.77- 01.79	110228	12	
	01.77- 01.79	110237	14	60	01.77- 01.79	110225	12	
	01.79- 12.79	112914	14	100				
Thunderbird 6.4					01.65- 01.68	110226	12	
Thunderbird 6.6	01.77- 01.78	110238	14	70	01.72- 01.78	110228	12	
	01.77- 01.78	110237	14	60				
Thunderbird 7.0					01.66- 01.67	110226	12	
					01.68- 01.73	110229	12	
Thunderbird 7.5	01.72- 01.76	110238	14	70	01.72- 01.76	110229	12	
	01.71- 01.86	110237	14	60				
	01.74-	110239	14	90				
Torino 3.3					01.68- 01.68	110226	12	
Torino 4.1					01.69- 01.74	110225	12	
Torino 4.1 500					01.71- 01.71	110225	12	
Torino 4.1 Squire					01.69- 01.69	110225	12	
Torino 5.0					01.68- 01.74	110225	12	
					01.68- 01.74	110224	12	1.3
Torino 5.0 500					01.71- 01.71	110225	12	
					01.71- 01.71	110224	12	1.3
Torino 5.0 Brougham					01.70- 01.71	110225	12	
					01.70- 01.71	110224	12	1.3
Torino 5.0 GT					01.68- 01.71	110224	12	1.3
					01.68- 01.71	110225	12	
Torino 5.0 Squire					01.69- 01.71	110224	12	1.3
					01.69- 01.71	110225	12	
Torino 5.8	01.75- 01.76	110238	14	70	01.75- 01.76	110228	12	
	01.75- 01.76	110237	14	60	01.69- 01.76	110224	12	1.3
					01.69- 01.76	110225	12	
Torino 5.8 500					01.71- 01.71	110225	12	
					01.71- 01.71	110224	12	1.3
Torino 5.8 Brougham					01.70- 01.71	110225	12	
					01.70- 01.71	110224	12	1.3
Torino 5.8 GT					01.69- 01.71	110225	12	
					01.69- 01.71	110224	12	1.3
Torino 5.8 Squire					01.69- 01.71	110225	12	
					01.69- 01.71	110224	12	1.3
Torino 6.4					01.68- 01.69	110226	12	
Torino 6.4 GT					01.68- 01.69	110226	12	
Torino 6.4 Squire					01.69- 01.69	110226	12	
Torino 6.6					01.72- 01.76	110229	12	
					01.72- 01.76	110228	12	
Torino 7.0	01.72- 01.73	110238	14	70	01.70- 01.73	110229	12	
	01.72- 01.73	110237	14	60	01.69- 01.69	110226	12	
Torino 7.0 500					01.71- 01.71	110229	12	
Torino 7.0 Brougham					01.70- 01.71	110229	12	
Torino 7.0 Cobra					01.70- 01.71	110229	12	
					01.69- 01.69	110226	12	
Torino 7.0 GT					01.70- 01.71	110229	12	
					01.68- 01.69	110226	12	
Torino 7.0 Squire					01.70- 01.71	110229	12	
Torino 7.0 Super Cobra Jet					01.70- 01.71	110229	12	
Torino 7.5	01.73- 01.76	110237	14	60	01.73- 01.76	110229	12	
	01.73- 01.76	110238	14	70				

## STARTERS & ALTERNATORS

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Application list

**FORD** Continued

Various Models						01.71	110224	12	1.3		
						01.82	110225	12			
						AT 01.65-	110227	12			
						3.0, 4.0, AT 01.92-	01.93	111844	12	1.4	
						01.91-	01.97	112600	12	1.4	
						01.70-	01.76	110229	12		
						01.78-		110230	12		
						01.85-		112267	12	2.5	
						01.95-	01.98	112276	12	2.5	
								113703	12	3.6	
Victoria 4.3						01.90-	01.91	111183	12	1.4	
						02.92-	01.99	112592	12	1.4	
Windstar 3.0						01.63-	01.64	110225	12		
						01.63-	01.64	110224	12	1.3	
						01.95-	01.00	112586	12	1.4	
Windstar 3.8						01.95-	01.98	112584	12	1.4	
						01.99-	01.03	112956	14	130	
ZX2 2.0							01.95-	01.98	112936	14	130
						01.99-	01.03	112956	14	130	
						01.95-	01.03	112586	12	1.4	
						01.95-	01.95	112584	12	1.4	
						01.02-	01.03	112340	12	1.4	
<b>PASSENGER CARS AO</b>											
Courier 1.8 Diesel	[RTK]					01.91-		111356	14	55	
Focus 1.8 FlexFuel	[QODD]					12.05-		114065	14	120	
						12.05-		114065	14	120	
						12.05-		114065	14	120	
						12.05-		114065	14	120	
Mondeo 1.8 4x4	[RKA]					01.93-	02.94	112141	12	1.0	
						03.94-	03.98	112235	12	1.4	
Ranger 2.5 TDDi	[WLAA]					10.05-		112352	14	70	
Transit 2.4	[D2FE]					10.00-	03.06	113913	14	124	
Transit 2.4 TDDi	[D4FA]					08.00-	08.03	113913	14	124	
<b>TRUCKS EU</b>											
0609 4.2	[90/5AA-Dover]					05.81-		111289	14	70	
0709 4.2	[90/5AA-Dover]					05.81-		111289	14	70	
0711 5.9						01.82-	01.96	110454#	12	3.6	
0712 6.2	[7AA/380CID]					05.81-		111289	14	70	
0713 6.2	[130/7AA-Dover]					05.81-		111289	14	70	
	[7AA/380CID]					05.81-		111289	14	70	
0809 4.2	[90/5AA-Dover]					05.81-		111289	14	70	
0811 5.9						05.81-		111289	14	70	
0812 6.2	[130/7AA-Dover]					01.80-	05.81	110759	14	35	
						05.81-		111289	14	70	
	[7AA/380CID]					01.80-	05.81	110759	14	35	
						05.81-		111289	14	70	
0813 6.2	[130/7AA-Dover]					05.81-		111289	14	70	
	[7AA/380CID]					05.81-		111289	14	70	
0913 6.2	[130/7AA-Dover]					05.81-		111289	14	70	
0915 5.9	[150/6CA-Dover]					05.81-		110116	28	35	
						05.81-		111146	28	55	
						05.81-		111289	14	70	
						04.82-	11.87	112747	28	55	
1013 6.2	[130/7AA-Dover]					05.81-		110116	28	35	
						05.81-		111146	28	55	
						05.81-		111289	14	70	
						04.82-	11.87	112747	28	55	
1113 6.2	[130/7AA-Dover]					05.81-		111289	14	70	
1115 6.0	[150/6CA-Dover]					05.81-		110116	28	35	
						05.81-		111146	28	55	
						05.81-		111289	14	70	
						04.82-	11.87	112747	28	55	
1215 5.9	[150/6CA-Dover]					05.81-		111289	14	70	
1315 6.0	[150/6CA-Dover]					05.81-		110116	28	35	
						05.81-		111146	28	55	
						05.81-		111289	14	70	
						04.82-	11.87	112747	28	55	
1515 6.0	[150/6CA-Dover]					05.81-		110116	28	35	
						05.81-		111146	28	55	
						05.81-		111289	14	70	
						04.82-	11.87	112747	28	55	
2115 6.0	[150/6CA-Dover]					05.81-		110116	28	35	
						05.81-		111146	28	55	
						05.81-		111289	14	70	
						04.82-	11.87	112747	28	55	
2220 9.6	[F6L413]					10.82-	03.84	111146	28	55	
2420 9.6	[F6L413]					10.82-	08.87	111146	28	55	
2817 9.6	[F6L413]					04.82-	12.99	111146	28	55	
						04.82-	12.99	112747	28	55	
3020 9.6	[F6L413]					04.82-	12.99	111146	28	55	
						04.82-	12.99	112747	28	55	
3220 9.6	[F6L413]					04.82-	08.87	111146	28	55	
						04.82-	08.87	112747	28	55	
4028 10.0	[LTA]					02.86-	12.99	111146	28	55	
2820 S 9.6	[F6L413]					12.84-	08.87	111146	28	55	
Cargo	[4 cyl]					05.81-	03.82	111146	28	55	
						05.81-	01.82	111289	14	70	
						04.82-	11.87	112747	28	55	

**STARTERS & ALTERNATORS**

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	[6 cyl]	05.81- 03.82	111146	28	55	05.81- 06.94	110465	12	2.8	
		05.81- 01.82	111289	14	70	05.81- 06.94	113380	12	2.8	
		04.82- 11.87	112747	28	55					
Various Models							08.82-	110534	24	5.4
							05.81-	113380	12	2.8
<b>TRUCKS US</b>										
B600 6.1							01.92- 01.94	112603	12	1.5
B600 7.0							01.92- 01.95	112603	12	1.5
B700 6.1							01.92- 01.94	112603	12	1.5
B700 7.0							01.92- 01.95	112603	12	1.5
B800 6.1							01.92- 01.94	112603	12	1.5
B800 7.0							01.92- 01.95	112603	12	1.5
F 600 5.9		[Cummins]	01.91- 01.92	112994	14	100	01.92- 01.99	112667#	12	2.5
			01.92- 01.96	112993	14	130	01.92- 01.99	112253	12	2.5
			01.97- 01.99	112834	14	145				
F 600 6.6							01.82- 01.88	113125	12	
F 600 7.8							01.82- 01.88	113125	12	
F 700 5.9		[Cummins]	01.92- 01.96	112993	14	130	01.92- 01.99	112253	12	2.5
			01.92- 01.96	112994	14	100	01.92- 01.99	112667#	12	2.5
			01.97- 01.99	112834	14	145				
F 700 6.6							01.82- 01.88	113125	12	
F 700 7.8							01.82- 01.88	113125	12	
F 800 5.9		[Cummins]	01.92- 01.96	112993	14	130	01.92- 01.99	112253	12	2.5
			01.92- 01.96	112994	14	100	01.92- 01.99	112667#	12	2.5
			01.97- 01.99	112834	14	145				
F 800 6.6							01.82- 01.88	113125	12	
F 900 5.9		[Cummins]	01.92- 01.96	112993	14	130	01.92- 01.99	112667#	12	2.5
			01.92- 01.96	112994	14	100	01.92- 01.99	112253	12	2.5
			01.97- 01.99	112834	14	145				
F 900 6.6							01.82- 01.88	113125	12	
							01.82- 01.88	113125	12	
F650 5.9		[Cummins]					01.92- 01.99	112667#	12	2.5
F750 5.9		[Cummins]					01.92- 01.99	112667#	12	2.5
L 6000 5.9		[Cummins]	01.92-	112998#	14	85	01.92- 01.99	112253	12	2.5
			01.97- 01.99	112834	14	145	01.92- 01.99	112667#	12	2.5
			Only Caterpillar 01.95-	113001#	14	110				
L 6000 6.6							01.82- 01.88	113125	12	
L 6000 7.8							01.82- 01.88	113125	12	
L 6000		[Caterpillar 3126]					01.95- 01.97	113126	12	
		[Caterpillar 3176]					01.90- 01.98	112089	12	
		[Caterpillar 3406]					01.86- 01.99	112089	12	
		[Cummins]					01.84- 01.99	112089	12	
L 7000 5.9		[Cummins]	01.92-	112998#	14	85	01.92- 01.99	112667#	12	2.5
			01.97- 01.99	112834	14	145	01.92- 01.99	112253	12	2.5
			Only Caterpillar 01.95-	113001#	14	110				
L 7000 6.6							01.82- 01.88	113125	12	
L 7000 7.8							01.82- 01.88	113125	12	
L 7000		[Caterpillar 3126]					01.95- 01.97	113126	12	
		[Caterpillar 3176]					01.90- 01.98	112089	12	
		[Caterpillar 3406]					01.86- 01.99	112089	12	
		[Cummins]					01.84- 01.99	112089	12	
L 8000 5.9		[Cummins]	01.92-	112998#	14	85	01.92- 01.99	112667#	12	2.5
			01.97- 01.99	112834	14	145	01.92- 01.99	112253	12	2.5
			Only Carterpillar 01.95-	113001#	14	110				
L 8000 6.6							01.82- 01.88	113125	12	
L 8000 7.8							01.82- 01.88	113125	12	
L 8000		[Caterpillar 3126]					01.95- 01.97	113126	12	
		[Caterpillar 3176]					01.90- 01.98	112089	12	
		[Caterpillar 3406]					01.86- 01.99	112089	12	
		[Cummins]					01.84- 01.99	112089	12	
L 9000 5.9		[Cummins]	01.92-	112998#	14	85	01.92- 01.99	112667#	12	2.5
			01.97- 01.99	112834	14	145	01.92- 01.99	112253	12	2.5
			Only Caterpillar 01.95-	113001#	14	110				
L 9000 6.6							01.82- 01.88	113125	12	
L 9000 7.8							01.82- 01.88	113125	12	
L 9000		[Caterpillar 3126]					01.95- 01.97	113126	12	
		[Caterpillar 3176]					01.90- 01.98	112089	12	
		[Caterpillar 3406]					01.86- 01.99	112089	12	
		[Cummins]					01.84- 01.99	112089	12	
Various Models 6.0							01.92- 01.95	112603	12	1.5
Various Models 6.1							Escort 6.0 01.03-	113703	12	3.6
							01.92- 01.99	112603	12	1.5
Various Models			01.95- 01.99	112834	14	145				
			01.91- 01.98	112996	14	115				
				113739	14	130				
				113740#	14	160				
			01.82- 01.89	112262#	14	90				
			01.95- 01.99	112264#	14	105				
<b>AGRICULTURE</b>										
1320		[3-77]	01.87- 01.98	113562	14	40	01.87- 01.98	111703	12	2.0
							01.87- 01.98	112177	12	1.7
1520		[3-81]	01.87- 01.97	113562	14	40	01.87- 01.98	111703	12	2.0
							01.87- 01.98	112177	12	1.7
1530		[3-81]	01.96- 01.98	113562	14	40	01.96- 01.98	112177	12	1.7
1620		[3-81]	01.91- 01.97	113562	14	40	01.92- 01.97	111703	12	2.0
							01.76- 01.79	112177	12	1.7
1630		[3-81]	01.96- 01.98	113562	14	40	01.97- 01.99	112177	12	1.7
1710							01.83- 01.87	112177	12	1.7
								111275	12	2.0

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

FORD Continued

1715	[3-81]	01.93- 01.97	113562	14 40		01.93- 01.97	112177	12 1.7
1720	[3-91]	01.87- 01.02	113562	14 40		01.87- 01.02	112177	12 1.7
1725	[3-81]	01.96- 01.98	113562	14 40		01.96- 01.98	112177	12 1.7
1910						01.84- 01.88	110552	12 1.2
1920	[4-122]	01.87- 01.02	113562	14 40		01.88- 01.98	113696	12 2.0
1925	[3-91]	01.96- 01.98	113562	14 40		01.96- 01.98	112177	12 1.7
2000	[158CID]	09.71- 02.72	111289	14 70		01.69- 12.74	110462	12 2.8
2120	[4-139]	01.87- 01.02	113562	14 40				
2600		01.88-	111363	14 45				
		01.88-	111739	14 55				
		01.88-	111740	14 70				
			111185	14 43 A47				
3000	[175CID]	04.68- 12.74	110484			04.68- 12.74	110462	12 2.8
3415	[4-135]	01.93- 01.02	113562	14 40		01.93- 01.98	113696	12 2.0
3600	[175CID]	01.75- 12.81	111185	14 43 A47		01.75- 12.81	110462	12 2.8
		01.75- 12.81	111363	14 45				
		01.75- 12.81	111739	14 55				
		01.88-	111740	14 70				
3610	[192CID]	01.81- 01.96	111739	14 55		01.81- 01.96	110462	12 2.8
		01.88- 01.96	111363	14 45				
3910						01.82- 01.84	110462	12 2.8
4000	[201CID]	01.68- 12.75	110484			01.68- 12.75	110462	12 2.8
4100	[183CID]	01.75- 12.81	111185	14 43 A47		01.75- 12.81	110462	12 2.8
		01.88-	111363	14 45				
		01.88-	111739	14 55				
		01.88-	111740	14 70				
4110		01.88- 01.89	111739	14 55		01.81- 01.89	110462	12 2.8
		01.88- 01.89	111363	14 45				
4130		06.90- 06.05	111739	14 55		06.90- 06.05	110462	12 2.8
		06.90- 06.05	111363	14 45				
4600	[201CID]	01.75- 12.78	111185	14 43 A47		01.75- 12.78	110462	12 2.8
		01.88-	111363	14 45				
		01.88-	111739	14 55				
		01.88-	111740	14 70				
4610		01.81- 01.89	111739	14 55		01.81- 01.89	110462	12 2.8
		01.88- 01.89	111363	14 45				
4830						06.90- 06.05	110462	12 2.8
5000	[256CID]	01.68- 01.71	110484			01.68- 12.77	110462	12 2.8
5600	[233CID]					01.75- 12.77	110462	12 2.8
5610	[256CID]					01.81- 12.91	110462	12 2.8
5640	[4-268D]	01.94- 01.97	113623	14 70				
		01.94- 01.97	113623	14 70		01.92- 01.97	110462	12 2.8
		01.92- 01.97	112718	14 100				
6600	[256CID]	01.75- 01.81	111185	14 43 A47		01.75- 01.81	110462	12 2.8
		01.88-	111363	14 45				
		01.88-	111739	14 55				
		01.88-	111740	14 70				
6610	[401CID]	01.81- 01.96	111739	14 55		01.81- 01.96	110462	12 2.8
		01.81- 01.91	111740	14 70				
		01.88- 01.96	111363	14 45				
6640		01.94- 01.97	113623	14 70		01.92- 01.97	110462	12 2.8
		01.92- 01.97	112718	14 100				
6640		01.94- 01.97	113623	14 70				
6700		01.88-	111363	14 45				
		01.88-	111739	14 55				
		01.88-	111740	14 70				
7600		01.88-	111363	14 45				
		01.88-	111739	14 55				
		01.88-	111740	14 70				
			111185	14 43 A47				
7610		06.90- 06.05	111739	14 55		06.90- 06.05	110462	12 2.8
		06.90- 06.05	111363	14 45				
7700		01.88-	111363	14 45				
		01.88-	111739	14 55				
		01.88-	111740	14 70				
			111185	14 43 A47				
7710		01.87- 01.91	111740	14 70				
7740		01.94- 01.97	113623	14 70		01.86- 01.97	112074	12 3.1
		01.92- 01.97	112718	14 100		01.92- 01.97	110462	12 2.8
7810		06.90- 06.05	111740	14 70		01.96- 06.05	112074	12 3.1
						06.90- 06.05	110462	12 2.8
7840		01.94- 01.97	113623	14 70		01.96- 01.97	112074	12 3.1
		01.92- 01.97	112718	14 100		01.92- 01.97	110462	12 2.8
8210		01.82- 01.91	110170	14 72		06.90- 06.05	110462	12 2.8
8240		01.94- 01.97	113623	14 70		01.96- 01.96	112074	12 3.1
		01.92- 01.96	112718	14 100		01.92- 01.96	110462	12 2.8
8340		01.94- 01.97	113623	14 70		01.96- 01.97	112074	12 3.1
		01.92- 01.97	112718	14 100		01.92- 01.97	110462	12 2.8
8600	[401CID]	01.75- 12.76	111185	14 43 A47		01.75- 12.76	110462	12 2.8
		01.88-	111363	14 45				
		01.88-	111739	14 55				
		01.88-	111740	14 70				
8630		06.90- 06.05	111739	14 55		06.90- 06.05	110462	12 2.8
		06.90- 06.05	111363	14 45				
8670		01.94- 12.97	112996	14 115				
8700		01.88-	111739	14 55				
			111185	14 43 A47				
8730						06.90- 06.05	110462	12 2.8
8770		01.94- 12.97	112996	14 115				



8830						06.90- 06.05	110462	12	2.8
8870		01.94- 12.97	112996	14	115				
8970		01.94- 12.97	112996	14	115				
9280		01.94- 12.97	112996	14	115				
9480		01.94- 12.97	112996	14	115				
9680		01.94- 12.97	112996	14	115				
9700		01.77- 01.79	111185	14	43 A47	01.77- 01.79	110462	12	2.8
		01.88-	111739	14	55				
9880		01.94- 12.97	112996	14	115				
TW 10						01.79- 01.82	110462	12	2.8
TW 15		01.83- 01.87	110170	14	72	01.83- 01.87	110462	12	2.8
TW 20		01.79- 01.82	110170	14	72	01.79- 01.82	110462	12	2.8
TW 25		01.83- 01.89	110170	14	72	01.83- 01.89	110462	12	2.8
TW 30						01.79- 01.82	110462	12	2.8
TW 35		01.83- 01.89	110170	14	72	01.83- 01.89	110462	12	2.8
Various Models		01.86- 01.92	111713	14	105				
		01.94- 01.98	113623	14	70	01.86- 12.88	113125	12	
		01.87- 01.02	113562	14	40		111798#	24	7.8
		01.65-	110484				111300	12	1.4
<b>MARINE</b>									
Various Models			111510	28	45		111213	12	
							112090	24	5.2
							112084#	12	3.6
							111798#	24	7.8
<b>Ford USA</b>									
<b>PASSENGER CARS US</b>									
Ranger 2.3						01.91- 12.95	113222	12	1.4
<b>Fortschritt</b>									
<b>AGRICULTURE</b>									
Various Models							110511#	24	4.0
<b>Freightliner</b>									
<b>TRUCKS US</b>									
C 112	[Caterpillar]					01.96- 01.07	112089	12	
	[Cummins]					01.96- 01.07	112089	12	
C 120	[Caterpillar]					01.96- 01.07	112089	12	
	[Cummins]					01.96- 01.07	112089	12	
C112		01.99- 01.04	113001#	14	110				
		01.99- 01.04	112824	14	145	01.99- 01.07	112089	12	
		01.96- 01.98	112996	14	115				
C120		01.99- 01.04	112824	14	145				
		01.96- 12.98	112996	14	115				
		01.99- 01.04	113001#	14	110				
FC80 5.9		01.98- 01.01	112824	14	145				
FC80 8.3		01.98- 01.01	112824	14	145				
FL112		01.98- 01.03	112824	14	145	01.85- 01.03	112089	12	
		01.94- 01.03	113001#	14	110	01.89- 01.92	113153	12	
FL120		01.98- 01.03	112824	14	145	01.86- 01.92	113153	12	
		01.98-	112998#	14	85				
		01.94- 01.03	113001#	14	110				
FL50		01.98- 01.04	112824	14	145				
		01.94- 12.97	112996	14	115				
		01.98-	114430	14	175				
FL60		01.94- 12.97	112641	14	100/105				
		01.98- 01.04	112824	14	145				
		01.94- 12.97	112996	14	115				
		01.98-	114430	14	175				
FL70		01.94- 12.97	112996	14	115				
		01.98-	114430	14	175				
		01.94- 12.97	112641	14	100/105				
		01.98- 01.05	112824	14	145				
FL80		01.94- 12.97	112641	14	100/105				
		01.98- 01.04	112824	14	145				
		01.94- 12.97	112996	14	115				
		01.98-	114430	14	175				
FLC112		01.98- 01.03	112824	14	145	01.85- 01.03	112089	12	
		01.89- 12.92	112996	14	115	01.86- 01.92	113153	12	
		01.98-	112998#	14	85				
		01.94- 01.03	113001#	14	110				
		01.79- 01.88	112262#	14	90				
		01.89- 01.93	112264#	14	105				
FLC120		01.79- 01.88	112262#	14	90	01.85- 01.03	112089	12	
		01.89- 01.93	112264#	14	105	01.86- 01.92	113153	12	
		01.98- 01.03	112824	14	145				
		01.98-	112998#	14	85				
		01.94- 01.03	113001#	14	110				
FLD112		01.86- 01.88	112262#	14	90	01.93- 01.07	112089	12	
		01.89- 01.92	112264#	14	105				
		01.98- 01.03	112824	14	145				
		01.93- 12.97	112996	14	115				
FLD120		01.86- 01.88	112262#	14	90	01.93- 01.07	112089	12	
		01.89- 01.92	112264#	14	105				
		01.98- 01.03	112824	14	145				
		01.93- 12.97	112996	14	115				
M2		01.03- 01.04	112824	14	145	01.03- 01.07	112089	12	
<b>GAZ</b>									
<b>PASSENGER CARS AO</b>									
Gazelle 2.1 TD	[GAZ-560]					01.03- 12.06	115397	12	2.0
						01.03- 12.06	115500	12	2 A49

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**GAZ** *Continued*

TRUCKS EU									
33081 4.7	[D245.7]							113356	24 3.5
Gazel 2.4 TD Euro 2	[4CT190-1]					01.07-		115515	12 2.0 A49
Gehl									
INDUSTRY									
5640E	[4TNV98]							114874	12 3.0
6640E	[4TNV98]							114874	12 3.0
V270	[4TNV98]							114874	12 3.0
Various Models Diesel	[4TNE106]							114098	12 3.0
GEO									
PASSENGER CARS US									
Metro 1.0		01.89- 01.97	111279	14 50			01.89- 01.97	111310	12 0.8
		01.89- 01.94	110967	14 50					
Metro 1.0 LSI		01.89- 01.96	111279	14 50			01.89- 01.96	111310	12 0.8
		01.89- 01.95	110967	14 50					
Metro 1.0 XFI		01.90- 01.94	111279	14 50			01.90- 01.94	111310	12 0.8
		01.90- 01.94	110967	14 50					
Metro 1.3		01.95-	111279	14 50					
Metro 1.3 LSI		01.95- 01.97	111279	14 50			01.95- 01.97	111310	12 0.8
Prizm 1.6		01.93-	111579	14 70					
		01.93-	112860	14 80					
		01.89- 01.91	110678#	14 55					
		01.89- 01.91	110682	14 70					
Prizm 1.6 LSI		01.93- 01.97	111579	14 70			01.93- 01.95	110713	12 1.0
		01.93- 01.95	112860	14 80					
		01.90- 01.92	110678#	14 55					
		01.90- 01.92	110682	14 70					
Prizm 1.8		01.95-	112860	14 80					
		01.95-	111579	14 70					
Prizm 1.8 LSI		01.93- 01.97	111579	14 70			01.93- 01.95	110713	12 1.0
		01.93- 01.95	112860	14 80					
Storm 1.6		01.90- 01.93	110683#	14 75					
Tracker 1.6		01.89- 01.97	111279	14 50			01.89- 01.97	110394	12 0.85
							01.89- 01.95	111586	12 1.4
Tracker 2.0 4x4	[J20A]						AT 11.98- 06.03	114225	12 1.6
Ginaf									
TRUCKS EU									
2120 N 5.9	[F4AE0681A]	09.03-	114296	28 90					
		09.03-	115484	28 70	A49				
		09.03-	115489	28 90	A49				
GMC									
PASSENGER CARS EU									
Various Models								112912	12 1.6
								112240	12 1.7
PASSENGER CARS US									
1000 Series 3.8		01.64- 01.65	110075	14 60					
1500 Series 3.8		01.64- 01.65	110075	14 60					
C15/C1500 3.8		01.66- 01.66	110075	14 60					
C15/C1500 4.1		01.66- 01.71	110075	14 60					
		01.72- 01.72	110233	14 63			01.73- 01.84	110216	12 1.4
		01.72- 01.84	110505	14 75					
C15/C1500 4.1 Big Ten		01.77- 01.80	110505	14 75			01.77- 01.80	110216	12 1.4
C15/C1500 4.1 Suburban		01.68- 01.71	110075	14 60					
		01.72- 01.72	110233	14 63			01.73- 01.80	110216	12 1.4
		01.72- 01.80	110505	14 75					
		01.80- 01.80	110234#	14 80					
C15/C1500 4.3		01.85- 01.86	110233	14 63			01.85- 01.86	110216	12 1.4
		01.85- 01.86	110505	14 75					
C15/C1500 4.6		01.67- 01.67	110075	14 60			01.67- 01.67	111277	12
C15/C1500 4.8		01.66- 01.71	110075	14 60			01.73- 01.80	110216	12 1.4
		01.73- 01.80	110505	14 75					
C15/C1500 4.8 Big Ten		01.78- 01.80	110505	14 75			01.78- 01.80	110216	12 1.4
C15/C1500 4.8 Suburban		01.73- 01.74	110505	14 75			01.73- 01.74	110216	12 1.4
		01.68- 01.71	110075	14 60					
C15/C1500 4.8		01.74- 01.74	110505	14 75			01.74- 01.74	110216	12 1.4
C15/C1500 4.8 Suburban		01.74- 01.74	110505	14 75			01.74- 01.74	110216	12 1.4
C15/C1500 5.0		01.93- 01.96	112639	14 100/105					
		01.68- 01.71	110075	14 60			01.68- 01.71	111277	12
		01.72- 01.86	110505	14 75			01.76- 01.86	110216	12 1.4
		01.86- 01.86	110508	14 78			01.85- 01.86	111034	12 1.2
		01.85- 01.86	110471	14 94					
		01.72- 01.72	110233	14 63					
		01.80- 01.81	110234#	14 80					
C15/C1500 5.0 Big Ten		01.78- 01.80	110505	14 75			01.78- 01.80	110216	12 1.4
		01.80- 01.80	110234#	14 80					
C15/C1500 5.0 Suburban		01.93- 01.96	112639	14 100/105			01.76- 01.86	110216	12 1.4
		01.72- 01.86	110505	14 75			01.85- 01.86	111034	12 1.2
		01.83- 01.86	110471	14 94					
		01.80- 01.81	110234#	14 80			01.68- 01.71	111277	12
		01.72- 01.72	110233	14 63					
C15/C1500 5.4		01.68- 01.71	110075	14 60					
		01.67- 01.68	110075	14 60			01.67- 01.68	111258	12
C15/C1500 5.4 Suburban		01.68- 01.68	110075	14 60			01.68- 01.68	111258	12
C15/C1500 5.7		01.72- 01.72	110233	14 63			01.71- 01.72	111258	12
		01.87- 01.89	112629	14 100/105			01.72- 01.86	110216	12 1.4
		01.72- 01.86	110505	14 75					
		01.69- 01.71	110075	14 60					
		01.80- 01.80	110234#	14 80					



C15/C1500 5.7 Big Ten	01.77- 01.80	110505	14	75	01.77- 01.80	110216	12	1.4
	01.80- 01.80	110234#	14	80				
	01.87- 01.89	112629	14	100/105				
C15/C1500 5.7 Suburban	01.72- 01.86	110505	14	75	01.72- 01.86	110216	12	1.4
	01.87- 01.89	112629	14	100/105	01.72- 01.72	111258	12	
	01.80- 01.86	110234#	14	80				
	01.72- 01.72	110233	14	63				
	01.69- 01.71	110075	14	60				
C15/C1500 5.7	01.78- 01.81	110505	14	75				
	01.87- 01.89	112629	14	100/105				
C15/C1500 5.7 Suburban	01.78- 01.81	110505	14	75				
	01.87- 01.89	112629	14	100/105				
C15/C1500 5.7	01.74- 01.74	110505	14	75	01.74- 01.74	110216	12	1.4
	01.87- 01.89	112629	14	100/105				
C15/C1500 5.7 Suburban	01.74- 01.74	110505	14	75	01.74- 01.74	110216	12	1.4
	01.87- 01.89	112629	14	100/105				
C15/C1500 6.2	01.82- 01.86	110233	14	63				
	01.82- 01.86	110505	14	75				
	01.84- 01.84	110492	14	108				
C15/C1500 6.2 Suburban	01.84- 01.84	110471	14	94				
	01.82- 01.86	110233	14	63				
	01.82- 01.86	110505	14	75				
C15/C1500 6.5	01.68- 01.69	110075	14	60				
C15/C1500 6.5 Suburban	01.68- 01.69	110075	14	60				
C15/C1500 6.6	01.72- 01.72	110233	14	63	01.72- 01.72	111277	12	
	01.72- 01.80	110505	14	75	01.76- 01.80	110216	12	1.4
	01.80- 01.80	110234#	14	80				
	01.70- 01.71	110075	14	60				
C15/C1500 6.6 Big Ten	01.80- 01.80	110505	14	75	01.80- 01.80	110216	12	1.4
	01.80- 01.80	110234#	14	80				
C15/C1500 6.6 Suburban	01.70- 01.72	110075	14	60				
C15/C1500 7.4	01.73- 01.80	110505	14	75	01.73- 01.80	110216	12	1.4
	01.80- 01.80	110234#	14	80				
C15/C1500 7.4 Big Ten	01.77- 01.80	110505	14	75	01.77- 01.80	110216	12	1.4
	01.80- 01.80	110234#	14	80				
C15/C1500 7.4 Suburban	01.73- 01.80	110505	14	75	01.73- 01.80	110216	12	1.4
	01.80- 01.80	110234#	14	80				
C1500 4.3	01.98- 01.98	112893	14	140	01.98- 01.98	112912	12	1.6
	01.88- 01.88	110500	14	100/105	01.88- 01.88	111034	12	1.2
	01.88- 01.88	112640	14	100/105				
C1500 4.3 Sierra	01.93- 01.96	112639	14	100/105	01.89- 01.97	111034	12	1.2
	01.90- 01.95	112338	14	105				
	01.89- 01.95	110500	14	100/105				
	01.89- 01.89	112640	14	100/105				
C1500 4.3 Sierra XC	01.93- 01.96	112639	14	100/105	01.89- 01.97	111034	12	1.2
	01.89- 01.95	110500	14	100/105				
	01.90- 01.95	112338	14	105				
	01.89- 01.89	112640	14	100/105				
C1500 5.0	01.98- 01.99	112893	14	140	01.98- 01.99	112912	12	1.6
	01.88- 01.88	112640	14	100/105	01.88- 01.88	110216	12	1.4
	01.88- 01.88	110500	14	100/105				
C1500 5.0 Sierra	01.96- 01.97	112893	14	140	01.92- 01.97	111034	12	1.2
	01.93- 01.96	112639	14	100/105	01.89- 01.95	110216	12	1.4
	01.90- 01.95	112338	14	105				
	01.89- 01.95	110500	14	100/105				
	01.89- 01.89	112640	14	100/105				
C1500 5.0 Sierra XC	01.96- 01.97	112893	14	140	01.92- 01.97	111034	12	1.2
	01.93- 01.96	112639	14	100/105	01.89- 01.95	110216	12	1.4
	01.90- 01.95	112338	14	105				
	01.89- 01.95	110500	14	100/105				
	01.89- 01.89	112640	14	100/105				
C1500 5.7	01.98- 01.99	112893	14	140	01.98- 01.99	112912	12	1.6
	01.87- 01.89	112629	14	100/105	01.88- 01.88	110216	12	1.4
	01.88- 01.88	112640	14	100/105				
	01.88- 01.88	110500	14	100/105				
C1500 5.7 Sierra	01.96- 01.97	112893	14	140	01.96- 01.97	112912	12	1.6
	01.87- 01.89	112629	14	100/105	01.94- 01.97	112240	12	1.7
	01.93- 01.96	112639	14	100/105	01.89- 01.95	110216	12	1.4
	01.89- 01.95	110500	14	100/105				
	01.89- 01.93	112640	14	100/105				
C1500 5.7 Sierra XC	01.96- 01.97	112893	14	140	01.96- 01.97	112912	12	1.6
	01.87- 01.89	112629	14	100/105	01.89- 01.95	110216	12	1.4
	01.93- 01.96	112639	14	100/105	01.94- 01.95	112240	12	1.7
	01.89- 01.95	110500	14	100/105				
	01.89- 01.93	112640	14	100/105				
C1500 5.7 Suburban	01.96- 01.99	112893	14	140	01.96- 01.99	112240	12	1.7
	01.87- 01.89	112629	14	100/105	01.92- 01.95	110216	12	1.4
	01.93- 01.96	112639	14	100/105				
	01.92- 01.95	110500	14	100/105				
	01.92- 01.95	112338	14	105				
C1500 6.2	01.88- 01.88	112640	14	100/105				
	01.88- 01.88	110500	14	100/105				
C1500 6.2 Sierra	01.89- 01.93	112640	14	100/105	01.89- 01.93	112341	12	2.5
	01.89- 01.93	110500	14	100/105				
C1500 6.2 Sierra XC	01.89- 01.93	112640	14	100/105	01.89- 01.93	112341	12	2.5
	01.89- 01.93	110500	14	100/105				
C1500 6.5 Sierra	01.94- 01.95	110500	14	100/105	01.94- 01.95	112341	12	2.5
	01.94- 01.95	112639	14	100/105				

## STARTERS & ALTERNATORS

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C1500 6.5 Sierra XC	01.94- 01.95	110500	14	100/105	01.94- 01.95	112341	12	2.5
	01.94- 01.95	112639	14	100/105				
C1500 6.5 Turbo	01.98- 01.98	112893	14	140	01.98- 01.98	112341	12	2.5
C1500 6.5 Turbo Sierra	01.97- 01.97	112893	14	140	01.94- 01.97	112341	12	2.5
	01.94- 01.97	110500	14	100/105				
	01.94- 01.96	112639	14	100/105				
C1500 6.5 Turbo Sierra XC	01.97- 01.97	112893	14	140	01.94- 01.97	112341	12	2.5
	01.94- 01.97	110500	14	100/105				
	01.94- 01.96	112639	14	100/105				
C1500 6.5 Turbo Suburban	01.94- 01.99	110500	14	100/105	01.94- 01.99	112341	12	2.5
	01.94- 01.96	112639	14	100/105				
C25/C2500 3.8	01.66- 01.66	110075	14	60				
C25/C2500 4.1	01.66- 01.71	110075	14	60				
	01.72- 01.72	110233	14	63	01.73- 01.84	110216	12	1.4
	01.72- 01.84	110505	14	75				
C25/C2500 4.1 Suburban	01.68- 01.71	110075	14	60				
	01.72- 01.72	110233	14	63	01.73- 01.74	110216	12	1.4
	01.72- 01.74	110505	14	75				
C25/C2500 4.3	01.85- 01.86	110233	14	63	01.85- 01.86	110216	12	1.4
	01.85- 01.86	110505	14	75				
C25/C2500 4.6	01.67- 01.67	110075	14	60	01.67- 01.67	111277	12	
C25/C2500 4.8	01.66- 01.72	110075	14	60	01.73- 01.86	110216	12	1.4
	01.73- 01.86	110505	14	75				
	01.68- 01.72	110075	14	60	01.73- 01.86	110216	12	1.4
C25/C2500 4.8 Suburban	01.73- 01.86	110505	14	75				
	01.80- 01.86	110234#	14	80				
	01.74- 01.74	110505	14	75	01.74- 01.74	110216	12	1.4
C25/C2500 5.0	01.93- 01.96	112639	14	100/105	01.68- 01.71	111277	12	
	01.68- 01.71	110075	14	60				
	01.72- 01.86	110505	14	75	01.85- 01.86	111034	12	1.2
	01.72- 01.72	110233	14	63	01.77- 01.86	110216	12	1.4
	01.85- 01.86	110471	14	94				
C25/C2500 5.0 Suburban	01.80- 01.80	110234#	14	80				
	01.68- 01.71	110075	14	60	01.77- 01.86	110216	12	1.4
	01.72- 01.86	110505	14	75	01.68- 01.71	111277	12	
C25/C2500 5.0 Suburban	01.84- 01.86	110471	14	94				
	01.72- 01.72	110233	14	63	01.84- 01.86	111034	12	1.2
	01.67- 01.68	110075	14	60	01.67- 01.68	111258	12	
C25/C2500 5.4	01.68- 01.68	110075	14	60	01.68- 01.68	111258	12	
C25/C2500 5.4 Suburban	01.68- 01.68	110075	14	60	01.68- 01.68	111258	12	
C25/C2500 5.7	01.72- 01.86	110505	14	75	01.72- 01.86	110216	12	1.4
	01.87- 01.89	112629	14	100/105	01.71- 01.72	111258	12	
	01.69- 01.71	110075	14	60				
	01.80- 01.86	110234#	14	80				
	01.83- 01.86	110471	14	94				
	01.72- 01.72	110233	14	63				
C25/C2500 5.7 Suburban	01.72- 01.86	110505	14	75	01.72- 01.86	110216	12	1.4
	01.87- 01.89	112629	14	100/105	01.71- 01.72	111258	12	
	01.72- 01.72	110233	14	63				
	01.69- 01.71	110075	14	60				
C25/C2500 5.7 Suburban	01.80- 01.86	110234#	14	80				
	01.80- 01.80	110505	14	75				
	01.80- 01.80	110234#	14	80				
C25/C2500 5.7 Suburban	01.87- 01.89	112629	14	100/105				
	01.74- 01.74	110505	14	75	01.74- 01.74	110216	12	1.4
	01.87- 01.89	112629	14	100/105				
C25/C2500 5.7	01.82- 01.86	110233	14	63				
C25/C2500 6.2	01.82- 01.86	110505	14	75				
	01.82- 01.86	110233	14	63				
C25/C2500 6.2 Suburban	01.84- 01.84	110471	14	94				
	01.84- 01.84	110492	14	108				
	01.82- 01.86	110505	14	75				
	01.68- 01.69	110075	14	60				
C25/C2500 6.5	01.68- 01.69	110075	14	60				
C25/C2500 6.5 Suburban	01.68- 01.69	110075	14	60				
C25/C2500 6.6	01.72- 01.72	110233	14	63	01.71- 01.72	111277	12	
	01.72- 01.79	110505	14	75	01.76- 01.79	110216	12	1.4
C25/C2500 6.6 Suburban	01.70- 01.71	110075	14	60				
	01.78- 01.80	110505	14	75	01.78- 01.80	110216	12	1.4
	01.80- 01.80	110234#	14	80				
C25/C2500 7.4	01.70- 01.72	110075	14	60				
	01.85- 01.86	110233	14	63	01.73- 01.86	110216	12	1.4
	01.85- 01.86	110471	14	94				
	01.73- 01.86	110505	14	75				
C25/C2500 7.4 Suburban	01.80- 01.85	110234#	14	80				
	01.85- 01.86	110233	14	63	01.74- 01.86	110216	12	1.4
	01.85- 01.86	110471	14	94				
	01.74- 01.86	110505	14	75				
C2500 4.3	01.80- 01.85	110234#	14	80				
	01.88- 01.88	110500	14	100/105				
C2500 4.3 Sierra	01.88- 01.88	112640	14	100/105	01.88- 01.88	111034	12	1.2
	01.90- 01.95	112338	14	105	01.89- 01.95	111034	12	1.2
	01.89- 01.95	110500	14	100/105				
C2500 4.3 Sierra XC	01.93- 01.95	112639	14	100/105				
	01.89- 01.89	112640	14	100/105				
	01.90- 01.93	112338	14	105	01.89- 01.93	111034	12	1.2
	01.89- 01.93	110500	14	100/105				
C2500 4.3 Sierra XC	01.93- 01.93	112639	14	100/105				
	01.89- 01.89	112640	14	100/105				
	01.89- 01.89	112640	14	100/105				



C2500 5.0	01.99- 01.99	112893	14	140	01.99- 01.99	112240	12	1.7
	01.88- 01.88	112640	14	100/105	01.88- 01.88	110216	12	1.4
	01.88- 01.88	110500	14	100/105				
C2500 5.0 Sierra	01.96- 01.97	112893	14	140	01.97- 01.97	112912	12	1.6
	01.93- 01.96	112639	14	100/105	01.92- 01.96	111034	12	1.2
	01.89- 01.95	110500	14	100/105	01.89- 01.95	110216	12	1.4
	01.90- 01.95	112338	14	105				
	01.89- 01.89	112640	14	100/105				
C2500 5.0 Sierra XC	01.96- 01.97	112893	14	140	01.97- 01.97	112912	12	1.6
	01.93- 01.96	112639	14	100/105	01.92- 01.96	111034	12	1.2
	01.90- 01.95	112338	14	105	01.89- 01.95	110216	12	1.4
	01.89- 01.95	110500	14	100/105				
	01.89- 01.89	112640	14	100/105				
C2500 5.7	01.99- 01.00	112893	14	140	01.99- 01.00	112912	12	1.6
	01.87- 01.89	112629	14	100/105	01.99- 01.00	112240	12	1.7
	01.88- 01.88	112640	14	100/105	01.88- 01.88	110216	12	1.4
	01.88- 01.88	110500	14	100/105				
C2500 5.7 Sierra	01.96- 01.98	112893	14	140	01.96- 01.98	112912	12	1.6
	01.87- 01.89	112629	14	100/105	01.94- 01.98	112240	12	1.7
	01.93- 01.96	112639	14	100/105	01.89- 01.95	110216	12	1.4
	01.89- 01.95	110500	14	100/105				
	01.89- 01.93	112640	14	100/105				
C2500 5.7 Sierra XC	01.96- 01.98	112893	14	140	01.96- 01.98	112912	12	1.6
	01.87- 01.89	112629	14	100/105	01.89- 01.95	110216	12	1.4
	01.93- 01.96	112639	14	100/105	01.94- 01.95	112240	12	1.7
	01.89- 01.95	110500	14	100/105				
	01.89- 01.93	112640	14	100/105				
C2500 5.7 Suburban	01.96- 01.99	112893	14	140	01.96- 01.99	112240	12	1.7
	01.87- 01.89	112629	14	100/105	01.92- 01.95	110216	12	1.4
	01.93- 01.96	112639	14	100/105				
	01.92- 01.95	110500	14	100/105				
C2500 6.2	01.88- 01.88	112640	14	100/105				
	01.88- 01.88	110500	14	100/105				
	01.89- 01.93	112640	14	100/105	01.89- 01.93	112341	12	2.5
C2500 6.2 Sierra	01.89- 01.93	110500	14	100/105				
	01.89- 01.93	110500	14	100/105	01.89- 01.93	112341	12	2.5
C2500 6.2 Sierra XC	01.89- 01.93	112640	14	100/105				
	01.89- 01.93	112640	14	100/105				
C2500 6.5 Sierra	01.94- 01.95	110500	14	100/105	01.94- 01.95	112341	12	2.5
	01.94- 01.95	112639	14	100/105				
C2500 6.5 Sierra XC	01.94- 01.95	110500	14	100/105	01.94- 01.95	112341	12	2.5
	01.94- 01.95	112639	14	100/105				
C2500 6.5 Turbo	01.99- 01.00	112893	14	140	01.99- 01.00	112341	12	2.5
C2500 6.5 Turbo Sierra	01.92- 01.98	110500	14	100/105	01.92- 01.98	112341	12	2.5
	01.93- 01.96	112639	14	100/105				
	01.92- 01.98	112640	14	100/105				
C2500 6.5 Turbo Sierra XC	01.93- 01.98	110500	14	100/105	01.93- 01.98	112341	12	2.5
	01.93- 01.96	112639	14	100/105				
C2500 6.5 Turbo Suburban	01.94- 01.99	110500	14	100/105	01.94- 01.99	112341	12	2.5
	01.94- 01.96	112639	14	100/105				
C2500 7.4	01.99- 01.00	112893	14	140	01.99- 01.00	112240	12	1.7
C2500 7.4 Sierra	01.96- 01.98	112893	14	140	01.94- 01.98	112240	12	1.7
	01.93- 01.96	112639	14	100/105	01.91- 01.95	110216	12	1.4
	01.94- 01.95	110500	14	100/105				
	01.91- 01.93	110984	14	100/105				
C2500 7.4 Sierra XC	01.96- 01.98	112893	14	140	01.94- 01.98	112240	12	1.7
	01.93- 01.96	112639	14	100/105	01.91- 01.95	110216	12	1.4
	01.94- 01.95	110500	14	100/105				
	01.91- 01.93	110984	14	100/105				
C2500 7.4 Suburban	01.96- 01.99	112893	14	140	01.94- 01.99	112240	12	1.7
	01.93- 01.96	112639	14	100/105	01.92- 01.95	110216	12	1.4
	01.94- 01.95	110500	14	100/105				
	01.92- 01.93	110984	14	100/105				
C35/C3500 4.1	01.67- 01.71	110075	14	60				
	01.72- 01.72	110233	14	63	01.73- 01.80	110216	12	1.4
	01.72- 01.80	110505	14	75				
C35/C3500 4.6	01.67- 01.67	110075	14	60	01.67- 01.67	111277	12	
C35/C3500 4.8	01.67- 01.72	110075	14	60	01.73- 01.86	110216	12	1.4
	01.73- 01.86	110505	14	75				
C35/C3500 4.8	01.74- 01.74	110505	14	75	01.74- 01.74	110216	12	1.4
C35/C3500 5.0	01.68- 01.71	110075	14	60	01.68- 01.71	111277	12	
	01.86- 01.86	110471	14	94				
	01.72- 01.86	110505	14	75	01.78- 01.86	110216	12	1.4
	01.86- 01.86	110508	14	78				
C35/C3500 5.4	01.72- 01.72	110233	14	63				
C35/C3500 5.7	01.67- 01.68	110075	14	60	01.67- 01.68	111258	12	
	01.69- 01.71	110075	14	60	01.71- 01.72	111258	12	
	01.87- 01.89	112629	14	100/105	01.72- 01.86	110216	12	1.4
	01.72- 01.86	110505	14	75				
	01.83- 01.86	110471	14	94				
C35/C3500 5.7	01.72- 01.72	110233	14	63				
	01.74- 01.74	110505	14	75	01.74- 01.74	110216	12	1.4
C35/C3500 6.2	01.87- 01.89	112629	14	100/105				
	01.82- 01.86	110233	14	63				
C35/C3500 6.5	01.82- 01.86	110505	14	75				
	01.68- 01.69	110075	14	60				

## STARTERS & ALTERNATORS

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C35/C3500 6.6	01.72- 01.72	110233	14 63	01.71- 01.72	111277	12
	01.72- 01.79	110505	14 75	01.76- 01.79	110216	12 1.4
	01.70- 01.71	110075	14 60			
C35/C3500 7.4	01.85- 01.86	110233	14 63	01.73- 01.86	110216	12 1.4
	01.85- 01.86	110471	14 94			
	01.73- 01.86	110505	14 75			
	01.80- 01.85	110234#	14 80			
C3500 5.7	01.98- 01.00	112893	14 140	01.98- 01.00	112912	12 1.6
	01.87- 01.89	112629	14 100/105	01.88- 01.88	110216	12 1.4
	01.88- 01.88	112640	14 100/105			
	01.88- 01.88	110500	14 100/105			
C3500 5.7 Sierra	01.96- 01.97	112893	14 140	01.96- 01.97	112912	12 1.6
	01.87- 01.89	112629	14 100/105	01.89- 01.97	112240	12 1.7
	01.93- 01.96	112639	14 100/105	01.89- 01.95	110216	12 1.4
	01.89- 01.95	110500	14 100/105			
	01.89- 01.93	112640	14 100/105			
C3500 5.7 Sierra XC	01.96- 01.97	112893	14 140	01.96- 01.97	112912	12 1.6
	01.87- 01.89	112629	14 100/105	01.89- 01.95	110216	12 1.4
	01.93- 01.96	112639	14 100/105	01.94- 01.95	112240	12 1.7
	01.89- 01.95	110500	14 100/105			
	01.89- 01.93	112640	14 100/105			
C3500 6.2	01.88- 01.88	112640	14 100/105			
	01.88- 01.88	110500	14 100/105			
C3500 6.2 Sierra	01.89- 01.93	112640	14 100/105	01.89- 01.93	112341	12 2.5
	01.89- 01.93	110500	14 100/105			
C3500 6.2 Sierra XC	01.89- 01.93	112640	14 100/105	01.89- 01.93	112341	12 2.5
	01.89- 01.93	110500	14 100/105			
C3500 6.5 Turbo	01.98- 01.00	112893	14 140	01.98- 01.00	112341	12 2.5
C3500 6.5 Turbo HD Chassis Cab				01.01- 01.02	112341	12 2.5
C3500 6.5 Turbo Sierra	01.97- 01.97	112893	14 140	01.92- 01.97	112341	12 2.5
	01.92- 01.97	112640	14 100/105			
	01.92- 01.97	110500	14 100/105			
	01.93- 01.96	112639	14 100/105			
C3500 6.5 Turbo Sierra XC	01.97- 01.97	112893	14 140	01.92- 01.97	112341	12 2.5
	01.92- 01.97	110500	14 100/105			
	01.93- 01.96	112639	14 100/105			
C3500 7.4	01.98- 01.00	112893	14 140	01.98- 01.00	112240	12 1.7
	01.88- 01.88	110984	14 100/105	01.88- 01.88	110216	12 1.4
C3500 7.4 Sierra	01.96- 01.97	112893	14 140	01.94- 01.97	112240	12 1.7
	01.93- 01.96	112639	14 100/105	01.89- 01.95	110216	12 1.4
	01.94- 01.95	110500	14 100/105			
	01.89- 01.93	110984	14 100/105			
C3500 7.4 Sierra XC	01.96- 01.97	112893	14 140	01.94- 01.97	112240	12 1.7
	01.93- 01.96	112639	14 100/105	01.89- 01.95	110216	12 1.4
	01.94- 01.95	110500	14 100/105			
	01.89- 01.93	110984	14 100/105			
C3500 8.1 HD Chassis Cab	01.01- 01.02	112853	14 130	01.01- 01.02	112240	12 1.7
	01.01- 01.02	112850	14 105			
Caballero 3.3	01.78- 01.79	110233	14 63	01.78- 01.79	110414	12
	01.78- 01.79	110505	14 75			
Caballero 3.8	01.80- 01.84	110235	14 80			
	01.80- 01.84	110233	14 63	01.80- 01.82	110414	12
	01.78- 01.84	110505	14 75			
	01.80- 01.82	110234#	14 80			
Caballero 4.3	01.85- 01.87	110471	14 94			
	01.85- 01.87	110233	14 63			
Caballero 4.4	01.80- 01.82	110505	14 75	01.80- 01.82	110414	12
	01.80- 01.82	110234#	14 80			
Caballero 5.0	01.80- 01.82	110235	14 80			
	01.84- 01.87	110471	14 94			
	01.78- 01.87	110505	14 75	01.78- 01.83	110414	12
Caballero 5.7	01.79- 01.83	110234#	14 80			
	01.78- 01.79	110505	14 75	01.78- 01.79	111258	12
	01.78- 01.79	110234#	14 80	01.78- 01.79	110216	12 1.4
Caballero 5.7	01.83- 01.84	110471	14 94			
	01.83- 01.84	110508	14 78			
	01.83- 01.83	110235	14 80			
Envoy 4.2				01.02- 01.03	112905	12 1.6
Envoy 4.2 XL				01.02- 01.03	112905	12 1.6
Envoy 5.3 XL	01.03- 01.03	112853	14 130	01.03- 01.03	112902	12 1.2
Envoy 5.3 XUV	01.04-	112853	14 130			
G1000 Series 3.8	01.64- 01.66	110075	14 60			
G15/G1500 3.8	01.67- 01.67	110075	14 60			
G15/G1500 3.8 Rally	01.68- 01.69	110075	14 60			
G15/G1500 3.8 Vandura	01.68- 01.69	110075	14 60			
G15/G1500 4.1	01.67- 01.67	110075	14 60			
	01.83- 01.84	110505	14 75	01.83- 01.84	110216	12 1.4
	01.83- 01.84	110508	14 78			
G15/G1500 4.1 Rally	01.68- 01.71	110075	14 60			
	01.72- 01.72	110233	14 63	01.77- 01.84	110216	12 1.4
	01.72- 01.84	110505	14 75			
	01.83- 01.84	110508	14 78			
G15/G1500 4.1 Vandura	01.68- 01.71	110075	14 60			
	01.72- 01.72	110233	14 63	01.76- 01.84	110216	12 1.4
	01.72- 01.84	110505	14 75			
	01.83- 01.84	110508	14 78			
G15/G1500 4.3	01.98- 01.98	112893	14 140	01.98- 01.98	112912	12 1.6





G15/G1500 4.3 Rally	01.87- 01.93	110500	14	100/105	01.91- 01.93	111034	12	1.2
	01.87- 01.93	112640	14	100/105	01.85- 01.90	110216	12	1.4
	01.91-	112629	14	100/105				
	01.93- 01.93	112639	14	100/105				
	01.85- 01.90	110233	14	63				
	01.87- 01.90	110471	14	94				
G15/G1500 4.3 Savana	01.85- 01.90	110505	14	75				
	01.96- 01.97	112893	14	140	01.96- 01.97	111034	12	1.2
	01.91-	112629	14	100/105	01.96- 01.97	112241	12	1.5
G15/G1500 4.3 Vandura	01.96- 01.96	112639	14	100/105	01.96- 01.97	112912	12	1.6
	01.87- 01.95	112640	14	100/105	01.91- 01.95	111034	12	1.2
	01.87- 01.95	110500	14	100/105	01.85- 01.90	110216	12	1.4
	01.91-	112629	14	100/105				
	01.93- 01.95	112639	14	100/105				
	01.85- 01.90	110233	14	63				
G15/G1500 4.6	01.87- 01.90	110471	14	94				
	01.85- 01.90	110505	14	75				
	01.67- 01.67	110075	14	60				
	01.70- 01.71	110075	14	60	01.70- 01.86	110216	12	1.4
	01.98- 01.98	112893	14	140				
	01.94-	111711	14	105	01.70- 01.71	111258	12	
G15/G1500 5.0	01.94- 01.96	112639	14	100/105	01.98- 01.98	112912	12	1.6
	01.83- 01.86	110505	14	75	01.94-	111034	12	1.2
	01.83- 01.86	110471	14	94				
	01.72- 01.86	110505	14	75				
	01.72- 01.72	110233	14	63	01.68- 01.69	111258	12	
	01.92- 01.93	111711	14	105	01.92- 01.93	111034	12	1.2
G15/G1500 5.0 Rally	01.93- 01.93	112639	14	100/105	01.77- 01.91	110216	12	1.4
	01.87- 01.91	112640	14	100/105				
	01.87- 01.91	110500	14	100/105				
	01.83- 01.86	110471	14	94				
	01.68- 01.69	110075	14	60				
	01.96- 01.96	112639	14	100/105	01.96- 01.97	111034	12	1.2
G15/G1500 5.0 Savana	01.96- 01.97	112893	14	140	01.96- 01.97	112240	12	1.7
	01.96- 01.97	112639	14	100/105	01.96- 01.97	112912	12	1.6
	01.72- 01.86	110505	14	75				
G15/G1500 5.0 Vandura	01.72- 01.72	110233	14	63	01.92- 01.95	111034	12	1.2
	01.92- 01.95	111711	14	105	01.77- 01.91	110216	12	1.4
	01.93- 01.95	112639	14	100/105	01.68- 01.69	111258	12	
	01.87- 01.91	112640	14	100/105				
	01.87- 01.91	110500	14	100/105				
	01.83- 01.86	110471	14	94				
G15/G1500 5.4	01.68- 01.69	110075	14	60				
	01.67- 01.67	110075	14	60				
	01.71- 01.71	110075	14	60	01.71- 01.71	111258	12	
G15/G1500 5.7	01.87- 01.91	112629	14	100/105	01.71- 01.98	112240	12	1.7
	01.98- 01.98	112893	14	140				
	01.94- 01.95	111711	14	105				
	01.94- 01.95	112639	14	100/105				
	01.87- 01.93	110500	14	100/105	01.72- 01.93	110216	12	1.4
	01.87- 01.93	112640	14	100/105	01.72- 01.86	112240	12	1.7
G15/G1500 5.7 Rally	01.87- 01.91	112629	14	100/105	01.72- 01.72	111258	12	
	01.93- 01.93	112639	14	100/105				
	01.72- 01.86	110505	14	75				
	01.72- 01.72	110233	14	63				
	01.96- 01.97	112893	14	140	01.96- 01.97	112240	12	1.7
	01.87- 01.91	112629	14	100/105				
G15/G1500 5.7 Savana	01.96- 01.96	112639	14	100/105				
	01.72- 01.81	110505	14	75	01.72- 01.81	110216	12	1.4
	01.87- 01.91	112629	14	100/105	01.72- 01.81	112240	12	1.7
G15/G1500 5.7 Vandura	01.72- 01.72	110233	14	63	01.72- 01.72	111258	12	
	01.79- 01.79	110505	14	75	01.79- 01.79	110216	12	1.4
	01.76- 01.76	110505	14	75	01.76- 01.76	110216	12	1.4
G15/G1500 6.6 Rally	01.79- 01.79	110505	14	75	01.79- 01.79	110216	12	1.4
G15/G1500 6.6 Vandura	01.79- 01.79	110505	14	75	01.79- 01.79	110216	12	1.4
G15/G1500 7.4 Rally	01.79- 01.79	110505	14	75	01.79- 01.79	112240	12	1.7
G25/G2500 3.8	01.67- 01.67	110075	14	60				
G25/G2500 3.8 Rally	01.68- 01.69	110075	14	60				
G25/G2500 3.8 Vandura	01.68- 01.69	110075	14	60				
G25/G2500 4.1	01.67- 01.67	110075	14	60				
G25/G2500 4.1 Rally	01.83- 01.84	110508	14	78				
	01.68- 01.71	110075	14	60				
	01.72- 01.72	110233	14	63	01.79- 01.84	110216	12	1.4
	01.72- 01.84	110505	14	75				
G25/G2500 4.1 Vandura	01.83- 01.84	110508	14	78				
	01.68- 01.71	110075	14	60				
	01.72- 01.72	110233	14	63	01.78- 01.84	110216	12	1.4
	01.72- 01.84	110505	14	75				
G25/G2500 4.3	01.98- 01.98	112893	14	140	01.98- 01.98	112912	12	1.6
	01.91-	112629	14	100/105				
G25/G2500 4.3 Rally	01.87- 01.95	112640	14	100/105	01.91- 01.95	111034	12	1.2
	01.87- 01.95	110500	14	100/105	01.85- 01.90	110216	12	1.4
	01.91-	112629	14	100/105				
	01.93- 01.95	112639	14	100/105				
	01.87- 01.90	110471	14	94				
	01.85- 01.90	110233	14	63				
G25/G2500 4.3 Vandura	01.85- 01.90	110505	14	75				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

GMC Continued

G25/G2500 4.3 Vandura	01.85- 01.90	110505	14 75				
	01.87- 01.95	112640	14 100/105		01.91- 01.95	111034	12 1.2
	01.87- 01.95	110500	14 100/105		01.85- 01.90	110216	12 1.4
	01.91-	112629	14 100/105				
	01.93- 01.95	112639	14 100/105				
	01.85- 01.90	110233	14 63				
G25/G2500 4.6	01.87- 01.90	110471	14 94				
	01.67- 01.67	110075	14 60				
G25/G2500 4.8 Rally	01.74- 01.78	110505	14 75		01.74- 01.78	110216	12 1.4
G25/G2500 4.8 Vandura	01.74- 01.78	110505	14 75		01.74- 01.78	110216	12 1.4
G25/G2500 5.0	01.72- 01.72	110233	14 63				
	01.72- 01.72	110505	14 75		01.70- 01.71	110216	12 1.4
	01.70- 01.71	110075	14 60		01.70- 01.71	111258	12
	01.98- 01.98	112893	14 140		01.98- 01.98	112912	12 1.6
G25/G2500 5.0 Rally	01.92- 01.95	111711	14 105				
	01.93- 01.95	112639	14 100/105		01.92- 01.95	111034	12 1.2
	01.87- 01.91	112640	14 100/105		01.68- 01.69	111258	12
	01.87- 01.91	110500	14 100/105				
	01.83- 01.86	110471	14 94				
	01.68- 01.69	110075	14 60				
	01.73- 01.86	110505	14 75		01.77- 01.91	110216	12 1.4
					01.96- 01.97	112912	12 1.6
G25/G2500 5.0 Savana	01.96- 01.96	112639	14 100/105		01.96- 01.97	111034	12 1.2
G25/G2500 5.0 Vandura	01.83- 01.86	110471	14 94				
	01.68- 01.69	110075	14 60				
	01.73- 01.86	110505	14 75		01.77- 01.91	110216	12 1.4
	01.92- 01.95	111711	14 105				
	01.93- 01.95	112639	14 100/105		01.92- 01.95	111034	12 1.2
	01.87- 01.91	112640	14 100/105		01.68- 01.69	111258	12
G25/G2500 5.4	01.87- 01.91	110500	14 100/105				
	01.67- 01.67	110075	14 60				
G25/G2500 5.7	01.71- 01.71	110075	14 60		01.71- 01.71	111258	12
	01.87- 01.91	112629	14 100/105		01.71- 01.98	112240	12 1.7
	01.98- 01.98	112893	14 140				
G25/G2500 5.7 Rally	01.94- 01.95	111711	14 105				
	01.93- 01.95	112639	14 100/105				
	01.87- 01.93	112640	14 100/105				
	01.87- 01.93	110500	14 100/105				
	01.72- 01.72	110233	14 63				
	01.71- 01.71	110075	14 60				
	01.72- 01.86	110505	14 75		01.72- 01.94	110216	12 1.4
	01.80- 01.86	110499	14 100/105		01.71- 01.95	112240	12 1.7
	01.80- 01.86	110508	14 78		01.71- 01.72	111258	12
	01.80- 01.86	112448	14 100				
01.87- 01.91	112629	14 100/105					
G25/G2500 5.7 Savana	01.96- 01.97	112893	14 140		01.96- 01.97	112240	12 1.7
	01.87- 01.91	112629	14 100/105				
	01.96- 01.96	112639	14 100/105				
G25/G2500 5.7 Vandura	01.72- 01.86	110505	14 75				
	01.83- 01.85	110471	14 94				
	01.72- 01.72	110233	14 63				
	01.70- 01.71	110075	14 60				
	01.94- 01.95	111711	14 105		01.70- 01.95	112240	12 1.7
	01.87- 01.91	112629	14 100/105		01.72- 01.94	110216	12 1.4
	01.93- 01.95	112639	14 100/105		01.70- 01.72	111258	12
	01.87- 01.93	112640	14 100/105				
	01.87- 01.93	110500	14 100/105				
	01.91- 01.93	110984	14 100/105		01.91- 01.93	112341	12 2.5
G25/G2500 6.2 Rally	01.83- 01.90	110233	14 63				
	01.83- 01.90	110505	14 75				
	01.83- 01.90	110233	14 63				
G25/G2500 6.2 Vandura	01.83- 01.90	110505	14 75				
	01.91- 01.93	110984	14 100/105		01.91- 01.93	112341	12 2.5
G25/G2500 6.5 Rally	01.94- 01.95	110500	14 100/105		01.94- 01.95	112341	12 2.5
	01.94- 01.95	112639	14 100/105				
G25/G2500 6.5 Vandura	01.94- 01.95	110500	14 100/105		01.94- 01.95	112341	12 2.5
	01.94- 01.95	112639	14 100/105				
G25/G2500 6.5 Turbo	01.98- 01.98	112893	14 140		01.98- 01.98	112341	12 2.5
G25/G2500 6.5 Turbo Cargo	01.97-	112893	14 140		01.97-	112341	12 2.5
G25/G2500 6.5 Turbo Savana	01.96- 01.96	112893	14 140		01.96- 01.96	112341	12 2.5
	01.96- 01.96	112639	14 100/105				
G25/G2500 6.5 Turbo XT	01.97-	112893	14 140		01.97-	112341	12 2.5
G25/G2500 6.6 Rally	01.75- 01.80	110505	14 75		01.75- 01.80	110216	12 1.4
G25/G2500 6.6 Vandura	01.75- 01.80	110505	14 75		01.75- 01.80	110216	12 1.4
G25/G2500 7.4 Rally	01.75- 01.76	110505	14 75		01.75- 01.76	110216	12 1.4
					01.75- 01.76	112240	12 1.7
G35/G3500 4.1 Rally	01.71- 01.71	110075	14 60				
	01.72- 01.72	110233	14 63				
	01.72- 01.74	110505	14 75				
G35/G3500 4.1 Vandura	01.71- 01.71	110075	14 60				
	01.72- 01.72	110233	14 63		01.78- 01.84	110216	12 1.4
	01.72- 01.84	110505	14 75				
G35/G3500 4.3	01.83- 01.84	110508	14 78				
	01.91-	112629	14 100/105		01.92- 01.95	111034	12 1.2
	01.93- 01.96	112639	14 100/105				
G35/G3500 4.3 Rally	01.92- 01.95	111711	14 105				
	01.95- 01.96	111711	14 105		01.95- 01.96	111034	12 1.2
	01.91-	112629	14 100/105				
	01.95- 01.96	112639	14 100/105				



G35/G3500 4.3 Savana	01.96- 01.96	112893	14	140	01.96- 01.96	111034	12	1.2
	01.91-	112629	14	100/105	01.96- 01.96	112912	12	1.6
	01.96- 01.96	112639	14	100/105				
G35/G3500 4.3 Special	01.96- 01.96	111711	14	105	01.96- 01.96	111034	12	1.2
	01.91-	112629	14	100/105				
	01.96- 01.96	112639	14	100/105				
G35/G3500 4.3 Vandura	01.87- 01.96	112640	14	100/105	01.91- 01.96	111034	12	1.2
	01.87- 01.96	110500	14	100/105	01.85- 01.90	110216	12	1.4
	01.91-	112629	14	100/105				
	01.93- 01.96	112639	14	100/105				
	01.85- 01.90	110233	14	63				
	01.87- 01.90	110471	14	94				
G35/G3500 4.8	01.74- 01.78	110505	14	75	01.74- 01.78	110216	12	1.4
	01.76- 01.78	110505	14	75	01.76- 01.78	110216	12	1.4
G35/G3500 4.8 Rally	01.76- 01.78	110505	14	75	01.76- 01.78	110216	12	1.4
G35/G3500 4.8 Vandura	01.76- 01.78	110505	14	75	01.76- 01.78	110216	12	1.4
G35/G3500 5.0 Vandura	01.81- 01.81	110505	14	75	01.81- 01.81	110216	12	1.4
G35/G3500 5.4	01.67- 01.67	110075	14	60				
G35/G3500 5.7	01.74- 01.86	110505	14	75	01.74- 01.94	110216	12	1.4
	01.87- 01.91	112629	14	100/105	01.71- 01.98	112240	12	1.7
	01.71- 01.71	110075	14	60	01.71- 01.71	111258	12	
	01.98- 01.98	112893	14	140				
	01.94- 01.96	111711	14	105				
	01.93- 01.96	112639	14	100/105				
	01.87- 01.93	110500	14	100/105				
	01.87- 01.93	112640	14	100/105				
	01.84- 01.88	110471	14	94				
	01.94- 01.96	111711	14	105				
G35/G3500 5.7 Rally	01.94- 01.96	111711	14	105	01.71- 01.96	112240	12	1.7
	01.87- 01.91	112629	14	100/105	01.72- 01.94	110216	12	1.4
	01.93- 01.96	112639	14	100/105	01.71- 01.72	111258	12	
	01.87- 01.93	112640	14	100/105				
	01.87- 01.93	110500	14	100/105				
	01.72- 01.86	110505	14	75				
	01.72- 01.72	110233	14	63				
G35/G3500 5.7 Savana	01.71- 01.71	110075	14	60				
	01.96- 01.97	112893	14	140	01.96- 01.97	112240	12	1.7
	01.87- 01.91	112629	14	100/105				
G35/G3500 5.7 Special	01.96- 01.96	112639	14	100/105				
	01.96- 01.97	112893	14	140	01.96- 01.97	112240	12	1.7
	01.87- 01.91	112629	14	100/105				
G35/G3500 5.7 Vandura	01.96- 01.96	112639	14	100/105				
	01.94- 01.96	111711	14	105	01.71- 01.96	112240	12	1.7
	01.87- 01.91	112629	14	100/105	01.72- 01.94	110216	12	1.4
	01.93- 01.96	112639	14	100/105	01.71- 01.72	111258	12	
	01.87- 01.93	110500	14	100/105				
	01.87- 01.93	112640	14	100/105				
	01.72- 01.86	110505	14	75				
G35/G3500 6.2	01.72- 01.72	110233	14	63				
	01.71- 01.71	110075	14	60				
	01.91- 01.93	110984	14	100/105	01.91- 01.93	112341	12	2.5
G35/G3500 6.2 Rally	01.83- 01.90	110233	14	63				
	01.83- 01.90	110505	14	75				
	01.91- 01.93	110984	14	100/105	01.91- 01.93	112341	12	2.5
G35/G3500 6.2 Vandura	01.83- 01.90	110233	14	63				
	01.83- 01.90	110505	14	75				
	01.91- 01.93	110984	14	100/105	01.91- 01.93	112341	12	2.5
G35/G3500 6.5	01.94- 01.96	110500	14	100/105	01.94- 01.96	112341	12	2.5
	01.94- 01.96	112639	14	100/105				
G35/G3500 6.5 Rally	01.94- 01.96	110500	14	100/105	01.94- 01.96	112341	12	2.5
	01.94- 01.96	112639	14	100/105				
G35/G3500 6.5 Vandura	01.94- 01.96	110500	14	100/105	01.94- 01.96	112341	12	2.5
	01.94- 01.96	112639	14	100/105				
G35/G3500 6.5 Turbo	01.98- 01.98	112893	14	140	01.98- 01.98	112341	12	2.5
G35/G3500 6.5 Turbo Savana	01.96- 01.97	112893	14	140	01.96- 01.97	112341	12	2.5
	01.96- 01.96	112639	14	100/105				
G35/G3500 6.5 Turbo Special	01.96- 01.96	112893	14	140	01.96- 01.96	112341	12	2.5
	01.96- 01.96	112639	14	100/105				
G35/G3500 6.6	01.76- 01.80	110505	14	75	01.76- 01.80	110216	12	1.4
G35/G3500 6.6 Rally	01.75- 01.80	110505	14	75	01.75- 01.80	110216	12	1.4
G35/G3500 6.6 Vandura	01.75- 01.80	110505	14	75	01.75- 01.80	110216	12	1.4
G35/G3500 7.4	01.98- 01.98	112893	14	140	01.76- 01.98	112240	12	1.7
	01.94- 01.96	111711	14	105	01.76- 01.94	110216	12	1.4
	01.93- 01.96	112639	14	100/105				
	01.88- 01.93	110984	14	100/105				
G35/G3500 7.4 Rally	01.76- 01.79	110505	14	75				
	01.94- 01.96	111711	14	105	01.89- 01.96	112240	12	1.7
	01.93- 01.96	112639	14	100/105	01.89- 01.94	110216	12	1.4
G35/G3500 7.4 Savana	01.89- 01.93	110984	14	100/105				
	01.96- 01.97	112893	14	140	01.96- 01.97	112240	12	1.7
G35/G3500 7.4 Special	01.96- 01.96	112639	14	100/105				
	01.96- 01.96	112893	14	140	01.96- 01.96	112240	12	1.7
G35/G3500 7.4 Vandura	01.94- 01.96	111711	14	105	01.89- 01.96	112240	12	1.7
	01.93- 01.96	112639	14	100/105	01.89- 01.94	110216	12	1.4
	01.89- 01.93	110984	14	100/105				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

GMC Continued

Jimmy 4.1	01.70- 01.71	110075	14 60			
	01.72- 01.72	110233	14 63		01.73- 01.82	110216 12 1.4
	01.72- 01.82	110505	14 75			
Jimmy 4.3					01.01- 01.01	112241 12 1.5
	01.98- 01.00	112665	14 100		01.95- 01.01	112240 12 1.7
	01.96-	111712	14 105		01.95- 01.95	111034 12 1.2
	01.95- 01.96	112639	14 100/105			
	01.94- 01.95	112613	14 105			
Jimmy 4.3 Envoy					01.99- 01.01	112241 12 1.5
	01.98- 01.01	112665	14 100		01.98- 01.01	112240 12 1.7
Jimmy 4.3 SLS					01.02-	112240 12 1.7
Jimmy 4.8	01.73- 01.73	110505	14 75		01.73- 01.73	110216 12 1.4
Jimmy 5.0	01.72- 01.72	110233	14 63		01.70- 01.71	111277 12
	01.72- 01.87	110505	14 75			
	01.70- 01.71	110075	14 60		01.77- 01.87	110216 12 1.4
	01.87- 01.87	110500	14 100/105		01.70- 01.70	111258 12
	01.83- 01.87	110471	14 94			
	01.87- 01.87	112640	14 100/105			
	01.80- 01.81	110234#	14 80			
Jimmy 5.7	01.73- 01.91	110505	14 75		01.73- 01.91	110216 12 1.4
	01.93- 01.96	112639	14 100/105			
	01.70- 01.72	110075	14 60		01.70- 01.72	111258 12
	01.87- 01.91	110471	14 94			
	01.87- 01.91	110984	14 100/105			
	01.88- 01.93	112338	14 105			
Jimmy 6.2	01.82- 01.90	110233	14 63		01.90- 01.91	112341 12 2.5
	01.82- 01.90	110471	14 94			
	01.82- 01.90	110505	14 75			
	01.82- 01.86	110492	14 108			
	01.91- 01.91	110984	14 100/105			
Jimmy 6.6	01.75- 01.79	110505	14 75		01.75- 01.79	110216 12 1.4
Jimmy 7.4	01.73- 01.76	110505	14 75		01.73- 01.76	110216 12 1.4
K15/K1500 3.8	01.66- 01.69	110075	14 60			
K15/K1500 4.1	01.66- 01.71	110075	14 60			
	01.72- 01.72	110233	14 63		01.73- 01.84	110216 12 1.4
	01.72- 01.84	110505	14 75			
K15/K1500 4.1 Suburban	01.68- 01.71	110075	14 60			
	01.72- 01.72	110233	14 63		01.73- 01.80	110216 12 1.4
	01.72- 01.80	110505	14 75			
	01.80- 01.80	110234#	14 80			
K15/K1500 4.3	01.85- 01.86	110233	14 63		01.85- 01.86	110216 12 1.4
	01.85- 01.86	110505	14 75			
K15/K1500 4.6	01.67- 01.67	110075	14 60		01.67- 01.67	111277 12
K15/K1500 4.8	01.66- 01.67	110075	14 60		01.75- 01.80	110216 12 1.4
	01.75- 01.80	110505	14 75			
K15/K1500 5.0					01.85- 01.86	111034 12 1.2
	01.68- 01.70	110075	14 60		01.68- 01.70	111277 12
	01.76- 01.86	110505	14 75			
	01.85- 01.86	110471	14 94		01.76- 01.86	110216 12 1.4
K15/K1500 5.0 Suburban	01.72- 01.85	110505	14 75			
	01.83- 01.85	110471	14 94		01.85- 01.85	111034 12 1.2
	01.68- 01.71	110075	14 60		01.76- 01.85	110216 12 1.4
	01.72- 01.72	110233	14 63		01.68- 01.71	111277 12
K15/K1500 5.4					01.67- 01.68	111258 12
	01.67- 01.68	110075	14 60			
K15/K1500 5.4 Suburban					01.68- 01.68	111258 12
	01.68- 01.68	110075	14 60			
K15/K1500 5.7	01.72- 01.86	110505	14 75			
	01.84- 01.86	110471	14 94		01.72- 01.86	110216 12 1.4
	01.87- 01.89	112629	14 100/105		01.72- 01.72	111258 12
	01.80- 01.85	110234#	14 80			
	01.72- 01.72	110233	14 63			
	01.69- 01.71	110075	14 60			
K15/K1500 5.7 Suburban	01.72- 01.86	110505	14 75		01.72- 01.86	110216 12 1.4
	01.87- 01.89	112629	14 100/105			
	01.69- 01.71	110075	14 60		01.70- 01.72	111258 12
	01.85- 01.86	110471	14 94			
	01.80- 01.81	110234#	14 80			
	01.72- 01.72	110233	14 63			
K15/K1500 6.2	01.82- 01.86	110233	14 63			
	01.85- 01.86	110471	14 94			
	01.85- 01.86	110492	14 108			
	01.82- 01.86	110505	14 75			
K15/K1500 6.2 Suburban	01.82- 01.86	110233	14 63			
	01.84- 01.86	110471	14 94			
	01.84- 01.86	110492	14 108			
	01.82- 01.86	110505	14 75			
K15/K1500 6.5	01.68- 01.69	110075	14 60			
K15/K1500 6.5 Suburban	01.93- 01.96	112639	14 100/105			
K15/K1500 6.6	01.75- 01.80	110505	14 75		01.75- 01.80	110216 12 1.4
	01.80- 01.80	110234#	14 80			
K15/K1500 6.6 Suburban	01.75- 01.79	110505	14 75		01.75- 01.79	110216 12 1.4
	01.70- 01.72	110075	14 60			
K15/K1500 7.4	01.76- 01.80	110505	14 75		01.76- 01.80	110216 12 1.4
K1500 4.3	01.88- 01.88	112640	14 100/105		01.88- 01.88	111034 12 1.2
	01.88- 01.88	110500	14 100/105			



K1500 4.3 Sierra	01.98- 01.98	112893	14	140	01.98- 01.98	112912	12	1.6
	01.93- 01.96	112639	14	100/105	01.89- 01.97	111034	12	1.2
	01.89- 01.95	110500	14	100/105				
	01.90- 01.95	112338	14	105	01.89- 01.89	112241	12	1.5
	01.89- 01.89	112640	14	100/105				
K1500 4.3 Sierra XC	01.98- 01.98	112893	14	140	01.98- 01.98	112912	12	1.6
	01.93- 01.96	112639	14	100/105	01.89- 01.97	111034	12	1.2
	01.89- 01.95	110500	14	100/105				
	01.90- 01.95	112338	14	105				
	01.89- 01.89	112640	14	100/105				
K1500 5.0	01.99- 01.99	112893	14	140	01.99- 01.99	112240	12	1.7
	01.88- 01.88	112640	14	100/105	01.88- 01.88	110216	12	1.4
	01.88- 01.88	110500	14	100/105				
K1500 5.0 Sierra	01.96- 01.98	112893	14	140	01.91- 01.98	111034	12	1.2
	01.93- 01.96	112639	14	100/105	01.89- 01.95	110216	12	1.4
	01.89- 01.95	110500	14	100/105				
	01.91- 01.93	112338	14	105				
	01.89- 01.90	112640	14	100/105				
K1500 5.0 Sierra XC	01.96- 01.98	112893	14	140	01.91- 01.98	111034	12	1.2
	01.93- 01.96	112639	14	100/105	01.89- 01.95	110216	12	1.4
	01.89- 01.95	110500	14	100/105				
	01.91- 01.93	112338	14	105				
	01.89- 01.90	112640	14	100/105				
K1500 5.7	01.99- 01.99	112893	14	140	01.99- 01.99	112912	12	1.6
	01.87- 01.89	112629	14	100/105	01.99- 01.99	112240	12	1.7
	01.88- 01.88	112640	14	100/105				
	01.88- 01.88	110500	14	100/105	01.88- 01.88	110216	12	1.4
K1500 5.7 Sierra	01.96- 01.98	112893	14	140	01.96- 01.98	112912	12	1.6
	01.87- 01.89	112629	14	100/105	01.93- 01.97	112240	12	1.7
	01.93- 01.96	112639	14	100/105				
	01.89- 01.95	110500	14	100/105	01.89- 01.95	110216	12	1.4
	01.89- 01.92	112640	14	100/105				
K1500 5.7 Sierra XC	01.96- 01.98	112893	14	140	01.96- 01.98	112912	12	1.6
	01.87- 01.89	112629	14	100/105				
	01.93- 01.96	112639	14	100/105	01.89- 01.95	110216	12	1.4
	01.89- 01.95	110500	14	100/105				
	01.89- 01.92	112640	14	100/105				
K1500 5.7 Suburban	01.96- 01.99	112893	14	140	01.96- 01.99	112240	12	1.7
	01.87- 01.89	112629	14	100/105				
	01.93- 01.96	112639	14	100/105				
	01.92- 01.95	110500	14	100/105				
	01.92- 01.95	112338	14	105				
K1500 6.2	01.88- 01.88	112640	14	100/105				
	01.88- 01.88	110500	14	100/105				
K1500 6.2 Sierra	01.89- 01.93	112640	14	100/105	01.89- 01.93	112341	12	2.5
	01.89- 01.93	110500	14	100/105				
K1500 6.2 Sierra XC	01.89- 01.93	112640	14	100/105	01.89- 01.93	112341	12	2.5
	01.89- 01.93	110500	14	100/105				
K1500 6.5 Sierra	01.94- 01.95	110500	14	100/105	01.94- 01.95	112341	12	2.5
	01.94- 01.95	112639	14	100/105				
K1500 6.5 Sierra XC	01.94- 01.95	110500	14	100/105	01.94- 01.95	112341	12	2.5
	01.94- 01.95	112639	14	100/105				
	01.94- 01.96	112639	14	100/105	01.94- 01.98	112341	12	2.5
K1500 6.5 Turbo Sierra	01.94- 01.98	110500	14	100/105				
	01.98- 01.98	112893	14	140				
	01.94- 01.96	112639	14	100/105	01.94- 01.98	112341	12	2.5
K1500 6.5 Turbo Sierra XC	01.94- 01.98	110500	14	100/105				
	01.97- 01.98	112893	14	140				
	01.96- 01.99	112893	14	140	01.96- 01.99	112341	12	2.5
K1500 6.5 Turbo Suburban	01.94- 01.96	112639	14	100/105				
	01.94- 01.95	110500	14	100/105				
	01.94- 01.95	110500	14	100/105				
K25/K2500 4.1	01.67- 01.71	110075	14	60				
	01.72- 01.72	110233	14	63	01.73- 01.80	110216	12	1.4
	01.72- 01.80	110505	14	75				
K25/K2500 4.1 Suburban	01.68- 01.71	110075	14	60				
	01.72- 01.72	110233	14	63	01.73- 01.74	110216	12	1.4
	01.72- 01.74	110505	14	75				
K25/K2500 4.3	01.85- 01.85	110233	14	63	01.85- 01.85	110216	12	1.4
	01.85- 01.85	110505	14	75				
K25/K2500 4.6	01.67- 01.67	110075	14	60				
					01.67- 01.67	111277	12	
K25/K2500 4.8	01.67- 01.72	110075	14	60	01.73- 01.86	110216	12	1.4
	01.73- 01.86	110505	14	75				
K25/K2500 4.8 Suburban	01.73- 01.86	110505	14	75	01.73- 01.86	110216	12	1.4
	01.80- 01.86	110234#	14	80				
	01.68- 01.72	110075	14	60				
K25/K2500 4.8	01.74- 01.74	110505	14	75	01.74- 01.74	110216	12	1.4
					01.68- 01.70	111277	12	
K25/K2500 5.0	01.68- 01.70	110075	14	60				
	01.77- 01.78	110505	14	75				
K25/K2500 5.0 Suburban					01.77- 01.78	110216	12	1.4
	01.72- 01.78	110505	14	75	01.77- 01.78	110216	12	1.4
	01.72- 01.72	110233	14	63				
K25/K2500 5.4	01.68- 01.71	110075	14	60	01.68- 01.71	111277	12	
	01.67- 01.68	110075	14	60				
K25/K2500 5.4 Suburban					01.67- 01.68	111258	12	
	01.68- 01.68	110075	14	60	01.68- 01.68	111258	12	

## STARTERS & ALTERNATORS

O. E. M. names and numbers are used for reference purposes only.



Application list

GMC Continued

K25/K2500 5.7	01.72- 01.86	110505	14	75				
	01.84- 01.86	110471	14	94	01.72- 01.86	110216	12	1.4
	01.87- 01.89	112629	14	100/105	01.72- 01.72	111258	12	
	01.72- 01.72	110233	14	63				
	01.69- 01.71	110075	14	60				
K25/K2500 5.7 Suburban	01.72- 01.86	110505	14	75				
	01.87- 01.89	112629	14	100/105	01.72- 01.86	110216	12	1.4
	01.80- 01.86	110234#	14	80	01.72- 01.72	111258	12	
	01.72- 01.72	110233	14	63				
	01.69- 01.71	110075	14	60				
K25/K2500 6.2	01.85- 01.86	110471	14	94				
	01.85- 01.86	110492	14	108				
	01.82- 01.86	110233	14	63				
	01.82- 01.86	110505	14	75				
K25/K2500 6.2 Suburban	01.82- 01.86	110233	14	63				
	01.84- 01.86	110471	14	94				
	01.84- 01.86	110492	14	108				
	01.82- 01.86	110505	14	75				
K25/K2500 6.5	01.68- 01.69	110075	14	60				
K25/K2500 6.5 Suburban	01.93- 01.96	112639	14	100/105				
K25/K2500 6.6	01.75- 01.80	110505	14	75	01.75- 01.80	110216	12	1.4
	01.80- 01.80	110234#	14	80				
K25/K2500 6.6 Suburban	01.75- 01.80	110505	14	75	01.75- 01.80	110216	12	1.4
	01.80- 01.80	110234#	14	80				
	01.73- 01.78	110505	14	75	01.73- 01.78	110216	12	1.4
K25/K2500 7.4 Suburban	01.77- 01.77	110505	14	75	01.77- 01.77	110216	12	1.4
K2500 4.3	01.88- 01.88	112640	14	100/105	01.88- 01.88	111034	12	1.2
	01.88- 01.88	110500	14	100/105				
	01.90- 01.95	112338	14	105	01.89- 01.95	111034	12	1.2
K2500 4.3 Sierra	01.89- 01.95	110500	14	100/105				
	01.93- 01.95	112639	14	100/105				
	01.89- 01.89	112640	14	100/105				
	01.89- 01.93	110500	14	100/105	01.89- 01.93	111034	12	1.2
K2500 4.3 Sierra XC	01.90- 01.93	112338	14	105				
	01.93- 01.93	112639	14	100/105				
	01.89- 01.89	112640	14	100/105				
	01.98- 01.99	112893	14	140	01.98- 01.99	112912	12	1.6
K2500 5.0	01.88- 01.88	110500	14	100/105				
	01.88- 01.88	112640	14	100/105	01.88- 01.88	110216	12	1.4
	01.89- 01.95	110500	14	100/105	01.91- 01.95	111034	12	1.2
K2500 5.0 Sierra	01.93- 01.95	112639	14	100/105	01.89- 01.95	110216	12	1.4
	01.91- 01.93	112338	14	105				
	01.89- 01.90	112640	14	100/105				
	01.89- 01.95	110500	14	100/105	01.89- 01.95	110216	12	1.4
K2500 5.0 Sierra XC	01.93- 01.95	112639	14	100/105	01.91- 01.95	111034	12	1.2
	01.91- 01.93	112338	14	105				
	01.89- 01.90	112640	14	100/105				
	01.98- 01.00	112893	14	140	01.98- 01.00	112912	12	1.6
K2500 5.7	01.87- 01.89	112629	14	100/105	01.88- 01.88	110216	12	1.4
	01.88- 01.88	112640	14	100/105				
	01.88- 01.88	110500	14	100/105				
	01.96- 01.97	112893	14	140	01.96- 01.97	112912	12	1.6
K2500 5.7 Sierra	01.87- 01.89	112629	14	100/105	01.93- 01.97	112240	12	1.7
	01.93- 01.96	112639	14	100/105				
	01.89- 01.95	110500	14	100/105	01.89- 01.95	110216	12	1.4
	01.89- 01.92	112640	14	100/105				
	01.96- 01.97	112893	14	140	01.96- 01.97	112912	12	1.6
K2500 5.7 Sierra XC	01.87- 01.89	112629	14	100/105				
	01.93- 01.96	112639	14	100/105	01.89- 01.95	110216	12	1.4
	01.89- 01.95	110500	14	100/105				
	01.89- 01.92	112640	14	100/105				
	01.92- 01.95	110500	14	100/105				
K2500 5.7 Suburban	01.89- 01.95	112338	14	105				
	01.96- 01.99	112893	14	140	01.96- 01.99	112240	12	1.7
	01.87- 01.89	112629	14	100/105				
	01.93- 01.96	112639	14	100/105				
	01.88- 01.88	112640	14	100/105				
K2500 6.2	01.88- 01.88	110500	14	100/105				
	01.89- 01.93	110500	14	100/105	01.89- 01.93	112341	12	2.5
	01.89- 01.93	112640	14	100/105				
K2500 6.2 Sierra XC	01.89- 01.93	112640	14	100/105	01.89- 01.93	112341	12	2.5
	01.89- 01.93	110500	14	100/105				
K2500 6.5 Sierra	01.94- 01.95	110500	14	100/105	01.94- 01.95	112341	12	2.5
	01.94- 01.95	112639	14	100/105				
K2500 6.5 Sierra XC	01.94- 01.95	110500	14	100/105	01.94- 01.95	112341	12	2.5
	01.94- 01.95	112639	14	100/105				
K2500 6.5 Turbo	01.98- 01.00	112893	14	140	01.98- 01.00	112341	12	2.5
K2500 6.5 Turbo Sierra	01.92- 01.97	110500	14	100/105	01.92- 01.97	112341	12	2.5
	01.93- 01.96	112639	14	100/105				
	01.92- 01.94	112640	14	100/105				
K2500 6.5 Turbo Sierra XC	01.92- 01.97	110500	14	100/105	01.92- 01.97	112341	12	2.5
	01.93- 01.96	112639	14	100/105				
K2500 6.5 Turbo Suburban	01.94- 01.95	110500	14	100/105				
	01.96- 01.99	112893	14	140	01.96- 01.99	112341	12	2.5
	01.94- 01.96	112639	14	100/105				
K2500 7.4	01.98- 01.00	112893	14	140	01.98- 01.00	112240	12	1.7



K2500 7.4 Sierra	01.96- 01.97	112893	14	140	01.91- 01.97	112240	12	1.7
	01.93- 01.96	112639	14	100/105	01.91- 01.95	110216	12	1.4
	01.94- 01.95	110500	14	100/105				
	01.91- 01.93	110984	14	100/105				
K2500 7.4 Sierra XC	01.96- 01.97	112893	14	140	01.94- 01.97	112240	12	1.7
	01.93- 01.96	112639	14	100/105	01.91- 01.95	110216	12	1.4
	01.94- 01.95	110500	14	100/105				
	01.91- 01.93	110984	14	100/105				
K2500 7.4 Suburban	01.94- 01.95	110500	14	100/105				
	01.92- 01.93	110984	14	100/105				
	01.96- 01.99	112893	14	140	01.94- 01.99	112240	12	1.7
	01.93- 01.96	112639	14	100/105	01.94- 01.95	110216	12	1.4
K35/K3500 4.1	01.68- 01.71	110075	14	60				
	01.72- 01.72	110233	14	63	01.73- 01.75	110216	12	1.4
	01.72- 01.75	110505	14	75				
K35/K3500 4.8	01.68- 01.72	110075	14	60				
	01.73- 01.86	110505	14	75	01.73- 01.86	110216	12	1.4
	01.74- 01.74	110505	14	75	01.74- 01.74	110216	12	1.4
K35/K3500 4.8								
K35/K3500 5.0								
	01.68- 01.71	110075	14	60	01.68- 01.71	111277	12	
	01.72- 01.73	110505	14	75				
	01.72- 01.72	110233	14	63				
K35/K3500 5.4					01.67- 01.68	111258	12	
	01.67- 01.68	110075	14	60				
	01.72- 01.86	110505	14	75	01.72- 01.86	110216	12	1.4
K35/K3500 5.7	01.87- 01.89	112629	14	100/105	01.72- 01.72	111258	12	
	01.72- 01.72	110233	14	63				
	01.69- 01.71	110075	14	60				
	01.84- 01.86	110471	14	94				
	01.74- 01.74	110505	14	75	01.74- 01.74	110216	12	1.4
K35/K3500 5.7	01.87- 01.89	112629	14	100/105				
	01.82- 01.86	110233	14	63				
K35/K3500 6.2	01.85- 01.86	110471	14	94				
	01.85- 01.86	110492	14	108				
	01.82- 01.86	110505	14	75				
K35/K3500 6.5								
K35/K3500 6.6								
	01.70- 01.71	110075	14	60	01.77- 01.80	110216	12	1.4
	01.77- 01.80	110505	14	75				
K35/K3500 7.4	01.73- 01.86	110505	14	75	01.73- 01.86	110216	12	1.4
	01.85- 01.86	110471	14	94				
	01.85- 01.86	110233	14	63				
	01.81- 01.85	110234#	14	80				
K3500 5.7	01.98- 01.00	112893	14	140	01.98- 01.00	112912	12	1.6
	01.87- 01.89	112629	14	100/105	01.99- 01.00	112240	12	1.7
	01.88- 01.88	112640	14	100/105	01.88- 01.88	110216	12	1.4
	01.88- 01.88	110500	14	100/105				
K3500 5.7 Sierra	01.96- 01.97	112893	14	140	01.96- 01.97	112912	12	1.6
	01.87- 01.89	112629	14	100/105	01.93- 01.97	112240	12	1.7
	01.93- 01.96	112639	14	100/105				
	01.89- 01.95	110500	14	100/105	01.89- 01.95	110216	12	1.4
	01.89- 01.92	112640	14	100/105				
K3500 5.7 Sierra XC	01.96- 01.97	112893	14	140	01.96- 01.97	112912	12	1.6
	01.87- 01.89	112629	14	100/105	01.89- 01.95	110216	12	1.4
	01.93- 01.96	112639	14	100/105				
	01.89- 01.95	110500	14	100/105				
	01.89- 01.92	112640	14	100/105				
K3500 6.2	01.88- 01.88	110500	14	100/105				
K3500 6.2 Sierra	01.88- 01.88	112640	14	100/105				
	01.89- 01.93	112640	14	100/105	01.89- 01.93	112341	12	2.5
K3500 6.2 Sierra XC	01.89- 01.93	110500	14	100/105				
	01.89- 01.93	112640	14	100/105	01.89- 01.93	112341	12	2.5
K3500 6.5 Turbo	01.98- 01.00	112893	14	140	01.98- 01.00	112341	12	2.5
	01.92- 01.97	110500	14	100/105	01.92- 01.97	112341	12	2.5
K3500 6.5 Turbo Sierra	01.93- 01.96	112639	14	100/105				
	01.92- 01.94	112640	14	100/105				
	01.93- 01.97	110500	14	100/105	01.93- 01.97	112341	12	2.5
K3500 6.5 Turbo Sierra XC	01.93- 01.96	112639	14	100/105				
K3500 7.4					01.88- 01.88	110216	12	1.4
	01.98- 01.00	112893	14	140	01.98- 01.00	112240	12	1.7
	01.88- 01.88	110984	14	100/105				
K3500 7.4 Sierra	01.96- 01.97	112893	14	140	01.94- 01.97	112240	12	1.7
	01.93- 01.96	112639	14	100/105	01.89- 01.95	110216	12	1.4
	01.94- 01.95	110500	14	100/105				
	01.89- 01.93	110984	14	100/105				
K3500 7.4 Sierra XC	01.96- 01.97	112893	14	140	01.94- 01.97	112240	12	1.7
	01.93- 01.96	112639	14	100/105	01.89- 01.95	110216	12	1.4
	01.94- 01.95	110500	14	100/105				
	01.89- 01.93	110984	14	100/105				
P15/P1500 3.8								
P15/P1500 4.1								
	01.67- 01.69	110075	14	60				
	01.73- 01.74	110505	14	75	01.73- 01.74	110216	12	1.4
P15/P1500 4.6								
	01.67- 01.67	110075	14	60				
P15/P1500 4.8								
	01.75- 01.80	110505	14	75	01.75- 01.80	110216	12	1.4
	01.67- 01.67	110075	14	60				
P15/P1500 7.4								
	01.79- 01.79	110505	14	75	01.79- 01.79	110216	12	1.4
P25/P2500 4.1								
	01.72- 01.74	110505	14	75	01.73- 01.74	110216	12	1.4
	01.66- 01.70	110075	14	60				
	01.72- 01.72	110233	14	63				
P25/P2500 4.6								
	01.67- 01.67	110075	14	60				

# STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

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P25/P2500 4.8	01.73- 01.89	110505	14	75	01.73- 01.89	110216	12	1.4	
	01.67- 01.72	110075	14	60					
	01.81- 01.89	110234#	14	80					
P25/P2500 5.0	01.68- 01.69	110075	14	60	01.68- 01.69	111258	12		
	P25/P2500 5.7	01.73- 01.86	110505	14	75	01.73- 01.89	110216	12	1.4
		01.70- 01.72	110075	14	60	01.70- 01.72	111258	12	
		01.87- 01.89	110984	14	100/105				
P25/P2500 6.2	01.80- 01.86	110234#	14	80					
	01.82- 01.89	110233	14	63	01.89- 01.89	112341	12	2.5	
	01.89- 01.89	112988	14	120					
P25/P2500 7.4	01.82- 01.89	110505	14	75					
P35/P3500 3.9 Turbo	01.93- 01.96	112639	14	100/105					
P35/P3500 4.1	01.89- 01.91	110471	14	94					
	01.73- 01.74	110505	14	75	01.73- 01.74	110216	12	1.4	
	01.66- 01.72	110075	14	60					
P35/P3500 4.3					01.96- 01.99	112240	12	1.7	
	01.93- 01.96	112639	14	100/105	01.90- 01.95	111034	12	1.2	
P35/P3500 4.6	01.67- 01.67	110075	14	60					
P35/P3500 4.8	01.67- 01.72	110075	14	60					
	01.73- 01.89	110505	14	75	01.73- 01.89	110216	12	1.4	
	01.81- 01.89	110234#	14	80					
P35/P3500 5.0					01.68- 01.69	111258	12		
	01.68- 01.69	110075	14	60					
	01.73- 01.86	110505	14	75	01.70- 01.72	111258	12		
P35/P3500 5.7	01.80- 01.86	110234#	14	80					
	01.70- 01.72	110075	14	60					
	01.87- 01.93	110984	14	100/105	01.73- 01.95	110216	12	1.4	
	01.93- 01.96	112639	14	100/105	01.94- 01.99	112240	12	1.7	
P35/P3500 6.2	01.82- 01.93	110233	14	63	01.89- 01.93	112341	12	2.5	
	01.89- 01.93	112988	14	120					
	01.82- 01.93	110505	14	75					
P35/P3500 6.5	01.94- 01.97	110500	14	100/105	01.94- 01.99	112341	12	2.5	
	01.94- 01.96	112639	14	100/105					
P35/P3500 6.5 Turbo					01.98- 01.99	112341	12	2.5	
P35/P3500 7.4 [L19]	01.96-	111090	14	105					
	01.96- 01.96	112639	14	100/105					
	01.89- 01.93	110502	14	100/105	01.73- 01.95	110216	12	1.4	
	01.93- 01.96	112639	14	100/105	01.94- 01.99	112240	12	1.7	
	01.87- 01.89	110984	14	100/105					
	01.80- 01.86	110234#	14	80					
	01.85- 01.86	110233	14	63					
	01.73- 01.86	110505	14	75					
	01.85- 01.85	110499	14	100/105					
	01.85- 01.85	110471	14	94					
	01.94- 01.97	111090	14	105					
P35/P3500 7.4 Motor Home	01.74- 01.74	110505	14	75	01.74- 01.74	110216	12	1.4	
PB1000 2.5	01.64- 01.65	110075	14	60					
PB1000 3.8	01.63- 01.63	110075	14	60					
PB15 3.8	01.66- 01.66	110075	14	60					
PB15 4.1	01.66- 01.66	110075	14	60					
PB15 4.8	01.66- 01.66	110075	14	60					
PB25 3.8	01.66- 01.66	110075	14	60					
PB25 4.1	01.66- 01.66	110075	14	60					
PB25 4.8	01.66- 01.66	110075	14	60					
PB2500 3.8	01.63- 01.63	110075	14	60					
R1500 4.3	01.87- 01.87	110471	14	94	01.87- 01.87	110216	12	1.4	
	01.87- 01.87	112640	14	100/105					
	01.87- 01.87	110500	14	100/105					
R1500 5.0	01.87- 01.87	110233	14	63					
	01.87- 01.87	110500	14	100/105	01.87- 01.87	110216	12	1.4	
	01.87- 01.87	112640	14	100/105					
	01.87- 01.87	110471	14	94					
R1500 5.0 Suburban	01.87- 01.87	110505	14	75					
	01.87- 01.87	110471	14	94	01.87- 01.87	110216	12	1.4	
	01.87- 01.87	112640	14	100/105					
R1500 5.7	01.87- 01.87	110500	14	100/105					
	01.87- 01.87	110984	14	100/105					
	01.87- 01.87	110505	14	75					
	01.87- 01.89	112629	14	100/105	01.87- 01.87	110216	12	1.4	
R1500 5.7 Suburban	01.87- 01.91	110505	14	75	01.87- 01.91	110216	12	1.4	
	01.87- 01.91	110471	14	94					
	01.87- 01.91	110984	14	100/105					
R1500 6.2	01.87- 01.89	112629	14	100/105					
	01.87- 01.87	110233	14	63					
	01.87- 01.87	110471	14	94					
	01.87- 01.87	110505	14	75					
R1500 6.2 Suburban	01.91- 01.91	110984	14	100/105	01.91- 01.91	112341	12	2.5	
	01.87- 01.90	110233	14	63					
	01.87- 01.90	110471	14	94					
R2500 4.3	01.87- 01.90	110505	14	75					
	01.87- 01.87	110471	14	94	01.87- 01.87	110216	12	1.4	
	01.87- 01.87	112640	14	100/105					
R2500 4.8	01.87- 01.87	110500	14	100/105					
	01.87- 01.87	110233	14	63					
	01.87- 01.88	110505	14	75	01.87- 01.88	110216	12	1.4	
	01.87- 01.88	110508	14	78					





R2500 5.0	01.87- 01.87	110500	14	100/105	01.87- 01.87	110216	12	1.4
	01.87- 01.87	112640	14	100/105				
	01.87- 01.87	110505	14	75				
	01.87- 01.87	110471	14	94				
R2500 5.7	01.87- 01.89	110984	14	100/105	01.87- 01.89	110216	12	1.4
	01.87- 01.89	110471	14	94				
	01.87- 01.89	110505	14	75				
	01.87- 01.89	112629	14	100/105				
R2500 5.7 Suburban	01.87- 01.91	110471	14	94	01.87- 01.91	110216	12	1.4
	01.87- 01.91	110984	14	100/105				
	01.87- 01.91	110505	14	75				
	01.87- 01.89	112629	14	100/105				
R2500 6.2	01.87- 01.89	110471	14	94				
	01.87- 01.89	110233	14	63				
	01.87- 01.89	110505	14	75				
	01.87- 01.89	112629	14	100/105				
R2500 6.2 Suburban	01.87- 01.90	110233	14	63	01.91- 01.91	112341	12	2.5
	01.87- 01.90	110471	14	94				
	01.87- 01.90	110505	14	75				
	01.91- 01.91	110984	14	100/105				
R2500 7.4	01.87- 01.89	110471	14	94	01.87- 01.89	110216	12	1.4
	01.87- 01.89	110233	14	63				
	01.87- 01.89	110505	14	75				
	01.88- 01.91	110984	14	100/105	01.87- 01.91	110216	12	1.4
R2500 7.4 Suburban	01.87- 01.91	110471	14	94				
	01.87- 01.91	110233	14	63				
	01.87- 01.91	110505	14	75				
	01.87- 01.88	110508	14	78	01.87- 01.88	110216	12	1.4
R3500 4.8	01.87- 01.88	110505	14	75				
	01.87- 01.91	110471	14	94	01.87- 01.91	110216	12	1.4
	01.87- 01.91	110984	14	100/105				
	01.87- 01.91	110505	14	75				
R3500 5.7	01.87- 01.89	112629	14	100/105				
	01.91- 01.91	110984	14	100/105	01.91- 01.91	112341	12	2.5
	01.87- 01.90	110233	14	63				
	01.87- 01.90	110471	14	94				
R3500 6.2	01.87- 01.90	110505	14	75				
	01.87- 01.91	110233	14	63				
	01.87- 01.91	110471	14	94				
	01.87- 01.91	110505	14	75				
R3500 7.4	01.87- 01.91	110233	14	63				
	01.87- 01.91	110471	14	94	01.87- 01.91	110216	12	1.4
	01.87- 01.91	110505	14	75				
	01.82- 01.85	110505	14	75				
S15 1.9 Jimmy	01.83- 01.84	110505	14	75				
S15 2.0	01.83- 01.84	110233	14	63				
	01.83- 01.84	110471	14	94				
	01.83- 01.84	110505	14	75				
	01.83- 01.84	110471	14	94				
S15 2.0 Jimmy	01.83- 01.84	110505	14	75				
	01.83- 01.84	110233	14	63				
	01.84- 01.85	110471	14	94	01.84- 01.85	111683	12	2.0
	01.84- 01.85	110508	14	78				
S15 2.2	01.85- 01.90	110505	14	75				
	01.85- 01.90	110471	14	94				
	01.85- 01.88	110505	14	75				
	01.85- 01.88	110471	14	94				
S15 2.5	01.82- 01.85	110505	14	75	01.84- 01.90	111034	12	1.2
	01.84- 01.85	110471	14	94				
	01.83- 01.85	110505	14	75	01.84- 01.89	111034	12	1.2
	01.83- 01.85	110471	14	94				
S15 2.8	01.88- 01.90	110500	14	100/105	01.88- 01.90	111034	12	1.2
	01.88- 01.90	112338	14	105				
	01.91- 01.94	110500	14	100/105	01.88- 01.94	111034	12	1.2
	01.93- 01.94	112639	14	100/105				
S15 4.3	01.91- 01.94	110985	14	100/105				
	01.88- 01.90	112338	14	105				
	01.85- 01.90	110505	14	75	01.85- 01.90	110221	12	1.2
	01.85- 01.90	110471	14	94				
Safari 2.5	01.90- 01.94	111711	14	105	01.85- 01.92	110216	12	1.4
	01.93- 01.94	112639	14	100/105	01.85- 01.03	112240	12	1.7
	01.85- 01.85	110233	14	63	01.90- 01.94	111034	12	1.2
	01.85- 01.85	110471	14	94	01.99- 01.03	112241	12	1.5
	01.85- 01.85	110505	14	75				
	01.98- 12.00	112665	14	100				
	01.94- 01.94	111223	14	105				
	01.87- 01.89	112337	14	105				
	01.01- 01.03	112850	14	105				
	01.93- 01.96	112639	14	100/105	01.90- 01.97	112240	12	1.7
Safari 4.3 XT	01.90- 01.96	111711	14	105	01.91- 01.96	111034	12	1.2
	01.96-	111712	14	105	01.90- 01.92	110216	12	1.4
	01.94- 01.94	111223	14	105				
	01.96- 01.00	112893	14	140	01.99- 01.00	112912	12	1.6
Savana 4.3 1500	01.01- 01.02	112853	14	130	01.99- 01.02	112241	12	1.5
	01.01- 01.02	112853	14	130	01.99- 01.02	112241	12	1.5
Savana 4.3 2500	01.99- 01.00	112893	14	140	01.99- 01.00	112912	12	1.6
	01.03-	112853	14	130				
Savana 4.8 2500	01.01- 01.02	112853	14	130				
Savana 5.0 1500	01.97- 01.00	112893	14	140	01.99- 01.02	112240	12	1.7
	01.01- 01.02	112853	14	130				
Savana 5.0 2500	01.99- 01.00	112893	14	140	01.99- 01.02	112240	12	1.7
	01.03-	112853	14	130				
Savana 5.3 1500	01.03-	112853	14	130				
Savana 5.3 2500	01.03-	112853	14	130				

## STARTERS & ALTERNATORS

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Application list

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Savana 5.7 1500		01.02- 01.02	112853	14	130		01.99- 01.02	112240	12	1.7
		01.99- 01.01	112893	14	140					
Savana 5.7 2500		01.02- 01.02	112853	14	130		01.99- 01.02	112240	12	1.7
		01.99- 01.01	112893	14	140					
Savana 5.7 3500		01.02- 01.02	112853	14	130		01.99- 01.02	112240	12	1.7
		01.99- 01.01	112893	14	140					
Savana 6.0 2500		01.03-	112853	14	130					
Savana 6.0 3500		01.03-	112853	14	130					
Savana 6.5 Turbo 2500	[L65]	01.01-	112853	14	130					
		01.96- 12.99	112893	14	140					
Savana 6.5 Turbo 3500	[L65]	01.99- 01.02	112893	14	140					
Savana 7.4 3500		01.99- 01.00	112893	14	140		01.99- 01.00	112240	12	1.7
Savana 8.1 3500		01.01- 01.02	112853	14	130		01.01- 01.02	112240	12	1.7
Savana 2500 4.3		01.96-	111712	14	105					
Sierra 4.3		01.96-	111712	14	105					
Sierra 4.3 1500		01.99- 01.03	112853	14	130		01.00- 01.02	112241	12	1.5
		01.99- 01.02	112850	14	105		01.99- 01.99	111034	12	1.2
Sierra 4.3 AWD		01.96-	111712	14	105					
Sierra 4.8 1500		01.99- 01.03	112853	14	130		01.99- 01.03	112902	12	1.2
		01.99- 01.02	112850	14	105					
Sierra 5.3 1500		01.99- 01.03	112853	14	130		01.99- 01.03	112902	12	1.2
		01.99- 01.02	112850	14	105					
Sierra 5.3 2500		01.99- 01.00	112853	14	130		01.99- 01.00	112902	12	1.2
		01.99- 01.00	112850	14	105					
Sierra 5.3 1500		01.02-	112853	14	130					
		01.02-	112850	14	105					
Sierra 6.0 1500 HD		01.01- 01.03	112853	14	130		01.01- 01.03	112906	12	1.7
		01.01- 01.02	112850	14	105		01.01- 01.03	112240	12	1.7
Sierra 6.0 1500 HD SLE		01.05-	112853	14	130		01.05-	112240	12	1.7
Sierra 6.0 1500 HD SLT		01.05-	112853	14	130		01.05-	112240	12	1.7
Sierra 6.0 2500							01.00- 01.02	112898	12	1.6
		01.99- 01.03	112853	14	130		01.99- 01.03	112240	12	1.7
		01.99- 01.02	112850	14	105		01.03- 01.03	112906	12	1.7
Sierra 6.0 2500 HD		01.01- 01.03	112853	14	130		01.01- 01.03	112240	12	1.7
		01.01- 01.02	112850	14	105		01.01- 01.03	112906	12	1.7
Sierra 6.0 3500		01.01- 01.03	112853	14	130		01.01- 01.03	112240	12	1.7
		01.01- 01.02	112850	14	105		01.01- 01.03	112906	12	1.7
Sierra 6.0 C3		01.01- 01.01	112853	14	130		01.01- 01.01	112906	12	1.7
		01.01- 01.01	112850	14	105		01.01- 01.01	112240	12	1.7
Sierra 6.0 Denali		01.02- 01.03	112853	14	130		01.02- 01.03	112240	12	1.7
		01.02- 01.03	112850	14	105		01.02- 01.03	112906	12	1.7
Sierra 6.6 Turbo 2500 HD		01.01- 01.03	112853	14	130					
		01.01- 01.02	112850	14	105					
Sierra 6.6 Turbo 3500		01.01- 01.03	112853	14	130					
		01.01- 01.02	112850	14	105					
Sierra 8.1 2500 HD		01.01- 01.03	112853	14	130		01.01- 01.02	112240	12	1.7
		01.01- 01.02	112850	14	105					
Sierra 8.1 3500		01.01- 01.03	112853	14	130		01.01- 01.02	112240	12	1.7
		01.01- 01.02	112850	14	105					
Sierra 1500 6.0 CLASSIC SLE							01.07-	112240	12	1.7
Sierra 1500 6.0 CLASSIC SLT							01.07-	112240	12	1.7
Sierra 1500 6.0 SLE	[L76]						01.07-	112240	12	1.7
							01.06-	112240	12	1.7
Sierra 1500 6.0 SLT	[L76]						01.07-	112240	12	1.7
							01.06-	112240	12	1.7
SIERRA 1500 HD 6.0 Classic SLE							01.07-	112240	12	1.7
SIERRA 1500 HD 6.0 Classic SLT							01.07-	112240	12	1.7
SIERRA 1500 HD 6.0 SLE							01.06-	112240	12	1.7
SIERRA 1500 HD 6.0 SLT							01.06-	112240	12	1.7
SIERRA 2500 6.0							01.02-	112240	12	1.7
SIERRA 2500 6.0							01.02-	112240	12	1.7
SIERRA 2500 HD 6.0 Classic SL							01.07-	112240	12	1.7
SIERRA 2500 HD 6.0 Classic SLE							01.07-	112240	12	1.7
SIERRA 2500 HD 6.0 Classic SLT							01.07-	112240	12	1.7
SIERRA 2500 HD 6.0 Classic WT							01.07-	112240	12	1.7
SIERRA 2500 HD 6.0 SL							01.06-	112240	12	1.7
Sierra 2500 HD 6.0 SLE							01.06-	112240	12	1.7
Sierra 2500 HD 6.0 SLT							01.06-	112240	12	1.7
Sierra 2500 HD 6.0 WT							01.06-	112240	12	1.7
Sierra 2500 HD 6.0							01.02-	112240	12	1.7
Sierra 2500 HD 6.0							01.02-	112240	12	1.7
SIERRA 3500 6.0 Classic SL							01.07-	112240	12	1.7
SIERRA 3500 6.0 Classic SLE							01.07-	112240	12	1.7
SIERRA 3500 6.0 Classic SLT							01.07-	112240	12	1.7
SIERRA 3500 6.0 Classic WT							01.07-	112240	12	1.7
SIERRA 3500 6.0 SL							01.06-	112240	12	1.7
SIERRA 3500 6.0 SLE							01.06-	112240	12	1.7
SIERRA 3500 6.0 SLT							01.06-	112240	12	1.7
SIERRA 3500 6.0 WT							01.06-	112240	12	1.7
Sierra 3500 6.0							01.03-	112240	12	1.7
Sierra 3500 HD 6.0 SLE							01.07-	112240	12	1.7
Sierra 3500 HD 6.0 SLT							01.07-	112240	12	1.7
Sierra 3500 HD 6.0 WT							01.07-	112240	12	1.7
Sierra Denali 6.0							01.05-	112240	12	1.7
SIERRA DENALI 6.0 Classic							01.07-	112240	12	1.7
Sonoma 2.2		01.94- 01.98	112614	14	105		01.94- 01.98	112911	12	1.6
Sonoma 2.5		01.91- 01.93	110499	14	100/105					
		01.91- 01.93	112448	14	100					
		01.90- 01.93	112338	14	105					



Sonoma 2.8	01.90- 01.93	112338	14	105		01.91- 01.93	111034	12	1.2
Sonoma 2.8 GT						01.92- 01.92	111034	12	1.2
Sonoma 4.3						01.91- 01.03	112240	12	1.7
	01.96-	111712	14	105		01.98- 01.03	112241	12	1.5
	01.93- 01.96	112639	14	100/105		01.91- 01.95	111034	12	1.2
	01.91- 01.95	110500	14	100/105					
	01.94- 01.95	112613	14	105					
	01.91- 01.95	110985	14	100/105					
Sonoma 4.3 GT						01.92- 01.92	112240	12	1.7
	01.92- 01.92	110500	14	100/105		01.92- 01.92	111034	12	1.2
Sprint 5.0									
	01.73-	110505	14	75					
	01.72-	110233	14	63					
	01.71-	110075	14	60					
Sprint 6.6									
	01.72-	110233	14	63					
	01.71-	110075	14	60					
Sprint 4.1									
	01.72- 01.77	110505	14	75		01.75- 01.77	110216	12	1.4
	01.72- 01.72	110233	14	63					
	01.71- 01.71	110075	14	60					
Sprint 4.1 Custom									
	01.72- 01.77	110505	14	75		01.75- 01.77	110216	12	1.4
	01.72- 01.72	110233	14	63					
Sprint 5.0									
	01.77- 01.77	110505	14	75		01.77- 01.77	110216	12	1.4
Sprint 5.0 Custom									
	01.77- 01.77	110505	14	75		01.77- 01.77	110216	12	1.4
Sprint 5.7									
	01.72- 01.77	110505	14	75		01.72- 01.72	110216	12	1.4
	01.72- 01.72	110233	14	63		01.71- 01.72	111258	12	
	01.71- 01.71	110075	14	60					
Sprint 5.7 Custom									
	01.72- 01.77	110505	14	75		01.72- 01.72	110216	12	1.4
	01.72- 01.72	110233	14	63		01.72- 01.72	111258	12	
Sprint 6.6									
	01.74- 01.76	110505	14	75		01.76- 01.76	110216	12	1.4
Sprint 6.6 Custom									
	01.74- 01.76	110505	14	75		01.76- 01.76	110216	12	1.4
Sprint 7.4									
	01.73- 01.74	110505	14	75					
	01.93- 01.96	112639	14	100/105					
	01.71-	110075	14	60					
Sprint 7.4 Custom									
	01.73- 01.75	110505	14	75					
	01.93- 01.96	112639	14	100/105					
	01.72-	110233	14	63					
Syclone 4.3 Turbo									
	01.91- 01.91	110985	14	100/105		01.91- 01.91	111034	12	1.2
	01.91- 01.91	110500	14	100/105					
Truck 4.7									
	01.55- 01.55	110505	14	75					
Truck 5.5									
	01.58- 01.59	110505	14	75					
Truck 5.7									
	01.57- 01.57	110505	14	75					
Typhoon 4.3 Turbo									
	01.92- 01.93	110500	14	100/105		01.92- 01.93	111034	12	1.2
	01.93- 01.93	112639	14	100/105					
V1500 4.3									
	01.87- 01.87	110500	14	100/105					
	01.87- 01.87	112640	14	100/105		01.87- 01.87	110216	12	1.4
	01.87- 01.87	110471	14	94					
	01.87- 01.87	110233	14	63					
V1500 5.0									
	01.87- 01.87	112640	14	100/105		01.87- 01.87	110216	12	1.4
	01.87- 01.87	110500	14	100/105					
	01.87- 01.87	110471	14	94					
	01.87- 01.87	110505	14	75					
V1500 5.7									
	01.87- 01.87	110505	14	75					
	01.87- 01.87	110984	14	100/105		01.87- 01.87	110216	12	1.4
	01.87- 01.87	110471	14	94					
	01.87- 01.89	112629	14	100/105					
V1500 5.7 Suburban									
	01.91- 01.91	112338	14	105					
	01.91- 01.91	110500	14	100/105		01.87- 01.90	110216	12	1.4
	01.87- 01.89	112629	14	100/105					
	01.87- 01.90	110471	14	94					
	01.87- 01.90	110984	14	100/105					
	01.87- 01.90	110505	14	75					
V1500 6.2									
	01.87- 01.87	110233	14	63					
	01.87- 01.87	110471	14	94					
	01.87- 01.87	110505	14	75					
V1500 6.2 Suburban									
	01.91- 01.91	110984	14	100/105					
	01.87- 01.90	110233	14	63					
	01.87- 01.90	110471	14	94					
	01.87- 01.90	110505	14	75					
V2500 4.8									
	01.87- 01.87	110505	14	75		01.87- 01.87	110216	12	1.4
	01.87- 01.87	110508	14	78					
V2500 5.7									
	01.87- 01.87	110984	14	100/105		01.87- 01.87	110216	12	1.4
	01.87- 01.87	110471	14	94					
	01.87- 01.87	110505	14	75					
	01.87- 01.89	112629	14	100/105					
V2500 5.7 Suburban									
	01.91- 01.91	110500	14	100/105					
	01.91- 01.91	112338	14	105		01.87- 01.90	110216	12	1.4
	01.87- 01.89	112629	14	100/105					
	01.87- 01.90	110505	14	75					
	01.87- 01.90	110471	14	94					
	01.87- 01.90	110984	14	100/105					
V2500 6.2									
	01.87- 01.87	110233	14	63					
	01.87- 01.87	110471	14	94					
	01.87- 01.87	110505	14	75					
V2500 6.2 Suburban									
	01.91- 01.91	110984	14	100/105					
	01.87- 01.90	110471	14	94					
	01.87- 01.90	110233	14	63					
	01.87- 01.90	110505	14	75					
V3500 4.8									
	01.87- 01.88	110505	14	75		01.87- 01.88	110216	12	1.4
	01.87- 01.88	110508	14	78					



Application list

**GMC Continued**

V3500 5.7		01.87- 01.91	110505	14 75		01.87- 01.91	110216	12 1.4
		01.87- 01.91	110471	14 94				
		01.87- 01.91	110984	14 100/105				
		01.87- 01.89	112629	14 100/105				
V3500 6.2		01.91- 01.91	110984	14 100/105		01.91- 01.91	112341	12 2.5
		01.87- 01.90	110233	14 63				
		01.87- 01.90	110471	14 94				
		01.87- 01.90	110505	14 75				
V3500 7.4		01.87- 01.91	110471	14 94		01.87- 01.91	110216	12 1.4
		01.87- 01.91	110233	14 63				
		01.87- 01.91	110505	14 75				
Yukon 4.8		01.00- 01.03	112853	14 130		01.00- 01.02	112902	12 1.2
		01.00- 01.02	112850	14 105				
Yukon 5.3		01.00- 01.03	112853	14 130		01.00- 01.02	112902	12 1.2
		01.00- 01.02	112850	14 105				
Yukon 5.3 XL 1500		01.00- 01.03	112853	14 130		01.00- 01.03	112902	12 1.2
Yukon 5.3 XL 2500		01.00- 01.00	112853	14 130		01.00- 01.00	112902	12 1.2
Yukon 5.3		01.02- 01.03	112853	14 130		01.02- 01.02	112902	12 1.2
		01.02- 01.02	112850	14 105				
Yukon 5.3 XL 1500		01.02- 01.03	112853	14 130		01.02- 01.03	112902	12 1.2
		01.02- 01.02	112850	14 105				
Yukon 5.7		01.96- 01.00	112893	14 140		01.99- 01.00	112912	12 1.6
		01.96-	111712	14 105		01.92- 01.00	112240	12 1.7
		01.93- 01.96	112639	14 100/105		01.92- 01.94	110216	12 1.4
		01.92- 01.95	110500	14 100/105				
		01.92- 01.94	112338	14 105				
Yukon 5.7 Denali						01.99- 01.00	112912	12 1.6
		01.99- 01.00	112893	14 140		01.99- 01.00	112240	12 1.7
Yukon 5.7 SLE						01.99-	112240	12 1.7
Yukon 5.7 SLT						01.99-	112240	12 1.7
Yukon 6.0 Denali		01.01-	112853	14 130				
		01.02-	112850	14 105				
Yukon 6.0 Denali XL		01.01-	112853	14 130				
		01.01-	112850	14 105				
Yukon 6.0 XL 2500		01.00- 01.03	112853	14 130		01.00- 01.03	112906	12 1.7
		01.00- 01.03	112850	14 105				
Yukon 6.0 XL 2500 SLE		01.05-	112853	14 130				
Yukon 6.0 XL 2500 SLT		01.05-	112853	14 130				
Yukon 6.5 Turbo		01.99- 01.99	112893	14 140		01.94- 01.99	112341	12 2.5
		01.94- 01.97	110500	14 100/105				
		01.96-	111712	14 105				
		01.94- 01.96	112639	14 100/105				
Yukon 8.1 XL 2500						01.01- 01.02	112240	12 1.7
		01.01- 01.03	112853	14 130				
Yukon 8.1 XL 2500 SLE		01.05-	112853	14 130				
Yukon 8.1 XL 2500 SLT		01.05-	112853	14 130				
2.2						01.99- 01.00	112900	12 1.4
2.2						01.00- 01.02	112900	12 1.4
3.8		01.63- 01.67	110075	14 60				
4.1		01.66- 01.67	110075	14 60				
4.3						01.99- 01.02	112241	12 1.5
		01.98- 01.00	112665	14 100		01.99- 01.02	112240	12 1.7
4.8		01.66- 01.67	110075	14 60				
5.0		01.76- 01.76	110505	14 75		01.76- 01.76	110216	12 1.4
		01.76- 01.76	110234#	14 80				
5.0 Custom		01.76- 01.76	110505	14 75		01.76- 01.76	110216	12 1.4
		01.76- 01.76	110234#	14 80				
5.4		01.67- 01.67	110075	14 60				
<b>PASSENGER CARS AO</b>								
Jimmy 4.3 4x4		01.93- 01.96	112639	14 100/105				
Suburban 5.7	[L05]	01.96-	111712	14 105				
Suburban 6.5 TDi	[L56]	01.96-	111712	14 105				
Suburban 6.5 TDi AWD	[L56]	01.96-	111712	14 105				
<b>TRUCKS US</b>								
Various Models 8.2						01.86- 01.88	112258#	12
Various Models	[Caterpillar 3116]					01.00- 01.02	113126	12
Various Models	[Caterpillar 3126]					01.97- 01.02	113126	12
<b>Gmeinder</b>								
<b>MISCELLANEOUS</b>								
Various Models						01.71- 12.80	110531	24 6.6
<b>Goldoni</b>								
<b>AGRICULTURE</b>								
25 1.0 Diesel	[12LD475]	11.90- 12.91	111662	14 33		11.90- 12.91	112034	12 1.7
35 1.3 Diesel	[8LD665.2]	03.91-	111662	14 33				
50 1.9 Diesel	[11LD626]	11.90-	111662	14 33				
60 2.0 Diesel	[VM-RA 394]	11.90-	110077	14 50				
		11.90-	110641	14 33				
149 0.6	[RF140]					06.84- 06.99	112034	12 1.7
238 1.6 Diesel		01.77-	111662	14 33				
245 1.9 Diesel	[11LD 625.3]	01.89-	111662	14 33				
718 0.7	[7LD665]					01.74- 06.82	113268	12 1.6
938 1.7 Diesel	[5LD 825.2]	09.88- 04.90	111662	14 33				
1038 1.7 Diesel		01.80- 12.85	111662	14 33				
1055 1.8 Diesel	[VM-RA 394]	03.87- 04.90	110641	14 33				
3050 1.8 Diesel	[VM-RA 394]	04.86- 06.91	110641	14 33				
3050 2.1 Diesel	[VM-HR 394]	06.91-	112768	14 55				
3070 2.1 Diesel	[VM-HR 394]	06.91-	112768	14 55				
	[VM-RA 394]	06.90- 06.91	110641	14 33				
3445 1.9 Diesel	[11LD 625.3]	10.88-	111662	14 33				



40 B 1.6 Diesel	[11LD 535.3]	06.91-	111662	14	33				
50 B 1.9 Diesel	[11LD 626.3]	06.91-	111662	14	33				
55 B 2.0 Diesel	[VM-HR 394HP]	09.91-	112768	14	55				
933 DT 1.3 Diesel	[8LD665.2]	09.88-	111662	14	33				
945 DT 1.9 Diesel	[11LD 625.3]	04.90-	111662	14	33				
945 RS 1.9 Diesel	[11LD 625.3]	04.90-	111662	14	33				
Cingolato C45 2.0 Diesel	[VM-RA 394]	04.91-	110641	14	33				
		04.91-	112768	14	55				
Cingolato C60 3.0 Diesel	[VM-SUN 3105]	04.91-	110641	14	33				
		04.91-	112768	14	55				
FC90D 0.4	[6LD..]					04.91- 02.92	112034	12	1.7
Various Models						04.82-	110813	12	2.7
							112171	12	1.1
						01.74-	112034	12	1.7
						06.91-	110844	12	2.2
						01.74- 06.82	113268	12	1.6
							113381#	12	2.5
						115423	12	3.0	
<b>Grasshopper</b>									
<b>AGRICULTURE</b>									
722d	[Kubota]						114686	12	1.3
<b>INDUSTRY</b>									
722d	[Kubota]						114686	12	1.3
<b>Gravelly</b>									
<b>AGRICULTURE</b>									
							114674	12	0.6
<b>Hanomag</b>									
<b>INDUSTRY</b>									
22C 4.1		02.80-	110043#	28	45	02.80- 12.95	112670	24	4.0
33C 5.8	[A6.354.4]	02.80-	110043#	28	45	07.80- 07.95	112670	24	4.0
44 C 7.2	[D943..]					02.80- 07.92	111003	24	5.4
55C 10.8	[D963B]					01.81- 03.96	111003	24	5.4
55C 9.5	[D962B]					02.80- 03.96	111003	24	5.4
600 D 9.5	[D962K]					02.80- 03.96	111003	24	5.4
66 C 10.8 Turbo	[D963A..]					02.80- 03.96	111003	24	5.4
700 D 10.8 Turbo	[D963A..]					04.80- 03.96	111003	24	5.4
77 C 10.8 Turbo	[D963A..]					02.80- 03.96	111003	24	5.4
<b>Harley Davidson</b>									
<b>MOTOR BIKES</b>									
Various Models 1.0						01.79- 01.84	111919		
						01.75- 01.85	111835#	12	
Various Models 1.2						01.75- 01.80	111836	12	0.8
						01.75- 01.80	111835#	12	
Various Models 1.3						01.94- 01.06	111839	12	1.2
						01.91- 01.94	111845#	12	1.2
						01.89- 01.90	111837	12	1.0
						01.79- 01.83	111835#	12	
						01.79- 01.88	111836	12	0.8
Various Models 1.4						01.94- 01.06	111839	12	1.2
						01.94-	114688	12	2.0
<b>Hattat Tarim</b>									
<b>AGRICULTURE</b>									
A-Series							114388	12	3.2 IS
							113655	12	3.0 MA
<b>Hatz</b>									
<b>MARINE</b>									
Various Models							114677	12	2.0
						06.81-	112173	12	2.7
<b>MOTORS</b>									
Engine 0.3	[1D20]					04.89-	114106	12	1.6
Engine 0.4	[1D30]					04.89-	114106	12	1.6
	[1D40]					04.89-	114106	12	1.6
Engine	[1D81]						113982	12	2.0
Stationnares 0.5 74	[1D60]					04.89- 08.90	112040	12	1.5
Stationnares 0.6	[E785]					01.60- 12.79	112542	12	1.35
	[ES785]					01.60- 12.79	112542	12	1.35
Stationnares 0.7 73	[1D80]					04.89- 08.90	112040	12	1.5
Stationnares 1.4	[2L30.]					03.77- 12.89	112173	12	2.7
Stationnares 2.3			111226	14	55				
Stationnares 2.4			111226	14	55				
Stationnares 2.8 50	[4L30C]					03.77- 02.89	112173	12	2.7
Stationnares 2.8 51	[4L30S]					03.77- 02.89	112173	12	2.7
Stationnares 3.3			111226	14	55				
Stationnares 4.3			111226	14	55				
Stationnares	[2G30]					01.87-	112034	12	1.7
	[2G40]					03.89-	112034	12	1.7
Various Models							115324	12	1.9
							114276	12	1.0
							114677	12	2.0
							114398	24	4.0
<b>Hillman</b>									
<b>PASSENGER CARS EU</b>									
Various Models						01.64- 01.73	111103	12	0.8
<b>Hino</b>									
<b>TRUCKS EU</b>									
EM100 Diesel							114344	24	6.0
EP100 Diesel							114344	24	6.0
FA14 3.8						01.88- 01.91	113214#	12	2.5
FA15 3.8						01.88- 01.95	113214#	12	2.5

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



**HINO** *Continued*

FB14 3.8					01.85- 01.95	113214#	12	2.5	
FB15 3.8					01.88- 01.95	113214#	12	2.5	
FD1J	[J07C]				01.99-	114436	24	5.0	
FE1J	[J06C]					114436	24	5.0	
	[J07C]				01.99-	114436	24	5.0	
KK-FC1	[J06C]				01.99-	114436	24	5.0	
Trucks Diesel	[750]	01.89-	114423	28	55		114345	24	6.0
Trucks Diesel 12.9	[K13C]						114345	24	6.0
	[K13D]						114345	24	6.0
Trucks Diesel 13.3	[EK100]	01.89-	114414	28	55		114345	24	6.0
Trucks Diesel 16.3	[EF550]	01.89-	114414	28	55		114345	24	6.0
Trucks Diesel 19.7	[F20C]						114345	24	6.0
Trucks Diesel 6.0	[W06E]	01.89-	114423	28	55	01.89-	114441	24	5.5
Trucks Diesel 7.4	[H07D]	01.89-	114423	28	55				
Trucks Diesel 8.0	[J08C]	01.89-	114423	28	55				
Various Models						01.84-	114017	24	5.5
						01.84-	114337	12	4.5
						01.84-	114421	24	6.0
<b>TRUCKS AO</b>									
EM100 Diesel							114344	24	6.0
EP100 Diesel							114344	24	6.0
Various Models						01.84-	114017	24	5.5
						01.84-	114337	12	4.5
						01.84-	114421	24	6.0
<b>MOTORS</b>									
Various Models	[W04]						113130	24	4.5
	[W06]						113130	24	4.5
<b>Hitachi</b>									
<b>AGRICULTURE</b>									
Zaxis 135US	[4BG1TC]						114324	24	4.5
Zaxis 200 Forester	[6BG1T]	01.99-	113886	28	50				
Zaxis 250 Forester	[6BG1T]	01.99-	113886	28	50				
<b>INDUSTRY</b>									
ZAX15	[Isuzu 4HK1/ 14HK1T]						114659	24	5.0
ZX200-3	[Isuzu 4HK1/ 14HK1T]						114659	24	5.0
ZX230	[Isuzu 4HK1/ 14HK1T]						114659	24	5.0
ZX240	[Isuzu 4HK1/ 14HK1T]						114659	24	5.0
<b>Holden</b>									
<b>PASSENGER CARS AO</b>									
Astra 1.8	[Z18XER]	04.07-	114431	14	120				
Astra 2.0 Turbo	[Z20LET]	06.02-	112416	14	100	06.02-	111848	12	1.0
Captiva 3.2 AWD		12.08-	114235	14	120				
Captiva 3.2 Executive 4WD		12.06-	114235	14	120				
Commodore 5.0		10.90- 08.97	114413	14	85				
Vectra 2.2	[Z22SE]	04.02-	112416	14	100				
Vectra 2.6	[Y26SE]	07.00- 07.02	113264#	14	140				
Vectra 3.2	[Z32SE]	08.02-	113264#	14	140				
Zafira 2.2	[Z22SE]	07.00- 02.06	113352	14	120				
<b>Honda</b>									
<b>PASSENGER CARS EU</b>									
Accord 1.6 i	[D16B6]	10.98-	112073	14	80	10.98-	112476#	12	1.0
Accord 1.8 i	[F18A3]					AT 02.96-	111442	12	1.4
						02.96-	112214	12	1.6
	[F18B2]	10.98-	112073	14	80	10.98-	112217	12	1.0
						10.98-	112476#	12	1.0
Accord 2.0	[A20A1]					AT 11.85- 12.89	111543#	12	1.4
	[A20A2]					AT 11.85- 12.89	111543#	12	1.4
	[A20A4]					AT 11.85- 12.89	111543#	12	1.4
	[F20B3]					09.93- 12.97	112214	12	1.6
	[F20B6]	12.99-	112073	14	80				
	[K20A]	AC 02.03-	114272	14	100	02.03-	113821	12	1.6
	[R20A3]					07.08-	114389	12	1.1
Accord 2.0 4WD	[K20A]	02.03-	114272	14	100				
Accord 2.0 16V	[F20A2]	01.90- 02.93	111432#	14	70	01.90-	112214	12	1.6
	[F20A6]	01.90- 02.93	111432#	14	70	01.90-	112214	12	1.6
Accord 2.0 i	[A20A3]					AT 10.87- 12.89	111543#	12	1.4
	[F20B3]					09.93- 02.98	112214	12	1.6
	[F20B5]	02.98-	112073	14	80	02.98-	112476#	12	1.0
	[F20B6]	10.98-	112073	14	80	10.98-	112217	12	1.0
						10.98-	112476#	12	1.0
	[F20B7]					02.98-	112476#	12	1.0
	[F20Z2]	09.95-	112209#	14	70	03.93-	112214	12	1.6
	[R20A4]					07.08-	114389	12	1.1
Accord 2.0 i 16V	[B20A2]					10.87- 12.89	111543#	12	1.4
	[B20A8]	10.87- 12.89	111578	14	60	AT 10.87- 12.89	111543#	12	1.4
	[F20A4]					01.90-	112214	12	1.6
	[F20A7]					01.92- 09.93	112214	12	1.6
	[F20A8]					01.90- 02.93	112214	12	1.6
	[F20Z1]	03.93-	112209#	14	70	03.93-	112214	12	1.6
						AT 03.93-	111442	12	1.4
	[F20Z3]					03.93-	112214	12	1.6
Accord 2.0 i LS	[F20Z1]	02.96-	112209#	14	70	AT 02.96-	111442	12	1.4
Accord 2.0 TD	[20T2N]	02.99-	112073	14	80	02.99-	112476#	12	1.0
Accord 2.0 TDi	[20T2N]					04.96- 10.00	113361	12	1.7
Accord 2.2 Type-R	[H22A7]	09.98-	112073	14	80	09.98-	112476#	12	1.0
Accord 2.2 i	[F22B5]					09.93- 02.98	112214	12	1.6
Accord 2.2 i 16V	[F22A3]					01.90-	112214	12	1.6
	[F22A7]					01.91-	112214	12	1.6
	[F22A8]					01.91- 12.93	112214	12	1.6



Accord 2.2 i-VTEC	[F22Z2]	09.95-	112209#	14	70		AT 02.96-	111442	12	1.4
Accord 2.2 DTDi	[N22A1]	01.04-	114208	14	120					
Accord 2.3	[F23Z5]	11.00-	112073	14	80		01.01-	112476#	12	1.0
Accord 2.3 i	[H23A3]						AT 03.93-	111442	12	1.4
							03.93-	112214	12	1.6
Accord 2.4	[K24A]	AC 02.03-	114272	14	100		02.03- 01.05	113821	12	1.6
Accord 2.4 Euro	[K24A3]	06.03-	114272	14	100					
Accord 2.4 VTEC	[K24A8]	04.06- 07.08	114272	14	100					
Accord 3.0 V6 24V	[J30A1]						02.98- 01.02	113392	12	1.6
Civic 1.2	[D12B1]	12.83- 10.87	110927	14	55		01.85- 10.87	111442	12	1.4
							12.83- 10.87	110312	12	1.0
	[ZA2]	12.83- 10.87	110927	14	55		12.83- 10.87	110312	12	1.0
Civic 1.3	[D13B1]	10.87- 12.89	111578	14	60		10.87- 12.89	110312	12	1.0
	[D13B2]	10.87- 09.91	111578	14	60		10.87- 09.91	110312	12	1.0
	[EV2]	10.83- 10.87	110927	14	55		10.83- 10.87	110312	12	1.0
							10.83- 10.87	111442	12	1.4
Civic 1.3 16V	[D13B2]						10.91-	110312	12	1.0
Civic 1.4	[D14A1]	10.87- 09.91	111578	14	60		10.87- 09.91	110312	12	1.0
	[D14Z5]	02.01- 09.05	113954	14	70		02.01- 09.05	114816	12	0.8
Civic 1.4 16V	[D14A2]	01.95- 04.97	111993#	14	75		01.95- 04.97	110312	12	1.0
		01.95- 04.97	112349	14	70					
	[D14A7]	04.98-	111993#	14	75		04.98-	112217	12	1.0
	[D14A8]	04.98-	111993#	14	75		04.98-	112217	12	1.0
Civic 1.4 i	[D14A2]	09.94-	111993#	14	75		09.94- 01.97	111442	12	1.4
	[D14A3]	11.95-	111993#	14	75					
		11.95-	112349	14	70					
	[D14A4]	11.95-	111993#	14	75					
		11.95-	112349	14	70					
	[D14A5]	09.95-	111993#	14	75					
		11.95-	112349	14	70					
	[D14Z2]	11.95-	111993#	14	75					
		11.95-	112349	14	70					
	[D14Z6]	02.01- 09.05	113954	14	70		02.01- 09.05	114816	12	0.8
Civic 1.4 i 16V	[D14A1]						10.87- 09.91	110312	12	1.0
Civic 1.4 i S S	[D14Z5]	02.01- 09.05	113954	14	70		02.01- 09.05	111442	12	1.4
							02.01- 09.05	114816	12	0.8
	[D14Z6]	02.01- 09.05	113954	14	70		02.01- 09.05	111442	12	1.4
							02.01- 09.05	114816	12	0.8
Civic 1.5	[EW2]	10.83- 10.87	110927	14	55		10.83- 10.87	110312	12	1.0
Civic 1.5 4WD	[EW2]	01.85- 10.87	110927	14	55		01.85- 10.87	110312	12	1.0
Civic 1.5 GL	[EW2]	10.83- 10.87	110927	14	55		10.83- 10.87	110312	12	1.0
							10.83- 10.87	110249	12	0.8
Civic 1.5 GT	[EW3]	01.85- 10.87	110927	14	55		01.85- 10.87	110249	12	0.8
							01.85- 10.87	110312	12	1.0
							01.85- 10.87	111442	12	1.4
Civic 1.5 16V	[D15Z8]	07.97-	113035	14	75		07.97-	112217	12	1.0
Civic 1.5 GTi	[EW4]	03.86- 10.87	110927	14	55		03.86- 10.87	110249	12	0.8
							03.86- 10.87	110312	12	1.0
							03.86- 10.87	111442	12	1.4
Civic 1.5 i	[D15B2]	10.88- 09.91	111578	14	60		AT 10.88- 09.91	111442	12	1.4
		10.91-	111285	14	70		10.88- 09.91	110312	12	1.0
	[D15B7]	01.94-	111285	14	70		01.94-	110312	12	1.0
	[D15Z1]	10.91-	111285	14	70		10.91-	110312	12	1.0
	[D15Z3]	09.94-	111993#	14	75		09.94- 01.97	111442	12	1.4
	[D15Z6]	11.95-	111993#	14	75		11.95-	110312	12	1.0
Civic 1.5 i 16V	[D15B2]	10.87- 01.92	111578	14	60		AT 10.87- 09.91	111442	12	1.4
		10.91- 11.95	111285	14	70		10.87- 11.95	110312	12	1.0
	[D15Z1]	10.91-	111285	14	70		10.91-	110312	12	1.0
Civic 1.6	[D16V1]	02.01- 09.05	113954	14	70					
	[D16Y6]	01.96- 04.00	112349	14	70		01.96- 04.00	111442	12	1.4
	[D16Z9]	01.94-	111285	14	70		01.94- 01.96	111442	12	1.4
							01.96- 03.96	113399#	12	1.0
Civic 1.6 16V	[D16A7]	09.87- 09.91	111578	14	60		09.87- 09.91	110312	12	1.0
	[D16A9]						09.87- 09.91	110312	12	1.0
	[D16B2]	01.97- 02.01	111993#	14	75		01.97- 02.01	112217	12	1.0
							01.99- 01.00	113394#	12	1.0
							01.97- 01.97	113399#	12	1.0
	[D16W4]	04.98- 02.01	111993#	14	75		04.98- 02.01	112217	12	1.0
	[D16Z6]	10.91-	111285	14	70		10.91-	111442	12	1.4
	[D16Z7]						10.91- 11.95	110312	12	1.0
Civic 1.6 16V 4x4	[D16A6]						11.87- 09.91	110312	12	1.0
Civic 1.6 16V ESI	[D16Z6]	10.91-	111285	14	70		10.91-	111442	12	1.4
Civic 1.6 i	[D16V1]	02.01- 12.05	113954	14	70					
	[D16Y5]	11.95-	111993#	14	75		01.99- 01.00	113394#	12	1.0
							01.96- 01.97	113399#	12	1.0
	[D16Y7]	01.94- 03.00	111285	14	70		01.94- 03.00	110312	12	1.0
		01.94-	111993#	14	75		01.99- 03.00	113394#	12	1.0
							03.96- 01.97	113399#	12	1.0
	[D16Z2]	06.88- 09.91	111578	14	60		10.87- 09.91	110312	12	1.0
Civic 1.6 i 16V	[D16A6]	10.89- 09.91	111578	14	60		10.87- 09.91	110312	12	1.0
	[D16A7]	06.88- 09.91	111578	14	60		09.87- 09.91	110312	12	1.0
	[D16Z2]	06.88- 09.91	111578	14	60		10.87- 09.91	110312	12	1.0
Civic 1.6 i 16V 4WD	[D16A6]	01.88-	111578	14	60		01.88-	110312	12	1.0
							12.89- 06.95	111442	12	1.4
Civic 1.6 i 16V 4WD	[D16A6]	01.88- 09.90	111578	14	60		01.88- 09.91	110312	12	1.0
							12.89- 06.95	111442	12	1.4
Civic 1.6 i GL	[D16A6]	06.88- 09.91	111578	14	60		10.87- 09.91	110312	12	1.0
Civic 1.6 i LS	[D16Y3]	09.94-	111993#	14	75		09.94- 01.97	111442	12	1.4
							01.96- 01.97	113399#	12	1.0

## STARTERS & ALTERNATORS

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Application list

**HONDA** *Continued*

Civic 1.6 i SR	[D16Y2]	09.94-	111993#	14	75	09.94- 01.97	111442	12	1.4
						01.96- 01.97	113399#	12	1.0
Civic 1.6 i-VTEC	[B16A1]					10.87- 09.91	110312	12	1.0
	[B16A2]					04.99- 12.00	113394#	12	1.0
	[D16Y6]	10.98- 02.01	111285	14	70	11.95- 02.01	110312	12	1.0
						01.99- 01.00	113394#	12	1.0
						01.96- 01.97	113399#	12	1.0
	[D16Y8]	10.98- 03.00	111285	14	70	11.95- 02.01	110312	12	1.0
						01.99- 03.00	113394#	12	1.0
						01.96- 01.97	113399#	12	1.0
Civic 1.6 VTI	[B16A2]	11.95-	111993#	14	75	01.99- 01.00	113394#	12	1.0
						01.96- 01.97	113399#	12	1.0
Civic 1.7	[D17A6]	02.01- 09.05	113954	14	70				
Civic 1.7 i	[D17A8]	05.01- 12.05	113954	14	70				
	[D17A9]	05.01- 12.05	113954	14	70				
Civic 1.7 CTDi	[4EE-2]	01.02-	112271	14	100				
Civic 1.8	[R18A2]					01.06-	114389	12	1.1
	[R18Z1]					11.10-	114389	12	1.1
Civic 1.8 16V	[B18C4]					04.98-	112217	12	1.0
Civic 2.0 Type R	[K20Z4]	09.06-	114272	14	100				
Civic 2.0 Diesel	[20T2N]					04.98- 02.01	113361	12	1.7
						04.98- 02.01	113928	12	1.7
	[20T2R]					01.97- 02.01	113928	12	1.7
Civic 2.0 TDIC	[20T2N]	04.98- 02.01	114386	14	90	04.98- 02.01	113361	12	1.7
						04.98- 02.01	113928	12	1.7
Civic 2.2 CTDi	[N22A2]	01.06-	114208	14	120				
Civic CRX 1.6 i 16V Targa	[B16A2]					01.96- 01.97	113399#	12	1.0
	[D16Y8]	03.92-	111285	14	70	03.92-	111442	12	1.4
						01.96- 01.97	113399#	12	1.0
Concerto 1.4	[D14A1]					10.89- 10.92	110312	12	1.0
Concerto 1.5 i 16V	[D15B2]	08.89- 03.95	111578	14	60	AT 08.89- 03.95	111442	12	1.4
						08.89- 03.95	110312	12	1.0
Concerto 1.6 16V	[D16Z1]	08.89- 03.95	111578	14	60	08.89- 03.95	110312	12	1.0
Concerto 1.6 i 16V	[D16A8]	08.89- 03.95	111578	14	60	08.89- 03.95	110312	12	1.0
	[D16Z2]	08.89- 03.95	111578	14	60	08.89- 03.95	110312	12	1.0
CR-V 2.0	[K20A4]	01.02- 09.06	113712	14	90				
CR-V 2.0 16V	[B20B]					AT 10.95- 01.99	114226	12	1.1
						01.95- 12.01	113629	12	1.2
	[B20Z1]					01.99-	113629	12	1.2
CR-V 2.0 i-VTEC	[R20A2]					01.07-	114389	12	1.1
CR-V 2.2 CTDi	[N22A2]	02.05-	114208	14	120	02.05- 09.06	115327*	12	2.0
CR-V 2.2 i CTDi	[N22A2]	01.07-	114208	14	120				
CR-V 2.4 i-VTEC 4x4	[K24Z1]	10.06-	114272	14	100				
CR-V 2.4 VTEC	[K24A1]	03.02- 09.06	113712	14	90				
CRX 1.5 i	[EW3]	10.83- 11.86	110927	14	55	10.83- 11.86	110249	12	0.8
						10.83- 11.86	110312	12	1.0
CRX 1.6 i	[ZC1]	03.86- 10.87	110927	14	55	03.86- 10.87	110312	12	1.0
CRX 1.6 i 16V	[D16A]					10.87- 05.88	110312	12	1.0
	[D16A6]					10.87- 05.88	110312	12	1.0
	[D16A9]	10.87- 02.92	111578	14	60	10.87- 02.92	110312	12	1.0
	[D16Z5]	10.87- 02.92	111578	14	60	10.87- 02.92	110312	12	1.0
FR-V 1.7	[D17A2]	02.05-	113954	14	70				
FR-V 1.8	[R18A1]					01.07-	114389	12	1.1
FR-V 2.0	[K20A9]	02.05-	113712	14	90				
FR-V 2.2 i CTDi	[N22A1]	07.05-	114208	14	120	07.05-	115327*	12	2.0
Integra 1.5	[D15A1]	10.85- 08.89	110927	14	55	01.86- 01.88	110312	12	1.0
		10.85- 08.89	113623	14	70	10.85- 08.89	111442	12	1.4
		10.85- 08.89	113628#	14	95	01.86- 01.88	110249	12	0.8
Integra 1.6	[D16A3]					01.86- 01.88	110249	12	0.8
						01.86- 01.88	110312	12	1.0
						03.86- 08.89	111442	12	1.4
Jazz 1.2 45	[ER2]					02.84- 10.86	110312	12	1.0
Jazz 1.2 55	[ER4]					09.84- 10.86	110312	12	1.0
Jazz 1.2 56	[ER1]					10.83- 10.86	110312	12	1.0
Jazz 1.4	[L13A1]					03.02- 12.05	115362	12	0.7
Legend 2.5 i	[C25A1]	01.86- 12.87	111578	14	60	01.86- 12.87	111543#	12	1.4
		01.88-	111609	14	70	01.86- 12.87	111546#	12	1.6
	[C25A2]	01.86- 12.87	111578	14	60	02.87- 06.88	111546#	12	1.6
						01.87- 01.90	111543#	12	1.4
Legend 2.7 i 24V	[C27A1]	01.88- 12.90	111609	14	70	10.87- 12.90	111546#	12	1.6
Logo 1.3 i	[D13B7]	03.99-	112349	14	70				
		AT 03.99- 03.02	113035	14	75				
Prelude 2.0	[B20A3]	04.87- 01.92	111432#	14	70	AT 04.87- 01.92	111543#	12	1.4
		04.87- 01.92	113628#	14	95				
		A11 04.87- 01.92	111609	14	70				
	[B20A4]	08.87- 01.92	111432#	14	70	AT 08.87- 01.92	111543#	12	1.4
		A11 04.87- 01.92	111609	14	70				
Prelude 2.0 i 16V	[F20A4]					02.92-	112214	12	1.6 MS, ND
Prelude 2.0 i 16V EX	[B20A1]	04.86- 01.92	113628#	14	95	AT 04.86- 01.92	111543#	12	1.4
		04.87- 01.92	111432#	14	70				
		A11 04.87- 01.92	111609	14	70				
	[B20A5]	04.87- 01.92	111432#	14	70	AT 04.87- 01.92	111543#	12	1.4
		A11 04.87- 01.92	111609	14	70				
	[B20A7]	10.87- 12.90	111432#	14	70	AT 10.87- 12.90	111543#	12	1.4
		A11 10.87- 12.90	111609	14	70				
	[B20A9]	04.87- 01.92	111432#	14	70	AT 04.87- 04.90	111543#	12	1.4
		A11 04.87- 01.92	111609	14	70				
Prelude 2.2 16V	[H22A5]					AT 10.96-	113409	12	1.6
Prelude 2.3 i 16V	[H23A2]					02.92-	112214	12	1.6 ND, MS





Shuttle 2.2 16V	[F22B8]					10.94- 02.98	113024	12	1.6
Shuttle 2.3 16V	[F23A7]					01.98- 05.01	113398	12	1.6
Stream 2.0 16V	[K20A1]	01.01-	113712	14	90				
<b>PASSENGER CARS US</b>									
Accord 1.6	[EF1]	01.76- 01.78	110248	14	40				
Accord 1.6 LX	[EF1]	01.78- 01.78	110248	14	40				
Accord 1.8	[EK1]	01.79- 01.80	110248	14	40				
		01.81- 01.82	110248	14	40				
Accord 1.8 DX	[EK1]	01.79- 01.80	110248	14	40				
Accord 1.8 LX	[EK1]	01.79- 01.82	110248	14	40				
Accord 1.8 SE		01.81- 01.81	110248	14	40				
Accord 2.0	[A20A3]					01.87- 01.87	111543#	12	1.4
Accord 2.0 DX	[A20A1]					01.87- 01.89	111543#	12	1.4
	[BS]					01.86- 01.86	111543#	12	1.4
Accord 2.0 EXI	[A20A3]					01.87- 01.89	111543#	12	1.4
Accord 2.0 LX	[A20A1]					01.87- 01.89	111543#	12	1.4
	[BS]					01.86- 01.86	111543#	12	1.4
Accord 2.0 LXI	[A20A3]					01.87- 01.89	111543#	12	1.4
	[BS]					01.86- 01.86	111543#	12	1.4
Accord 2.0 S	[A20A1]					01.88- 01.88	111543#	12	1.4
	[A20A3]					01.89- 01.89	111543#	12	1.4
Accord 2.0 SEI	[A20A3]					01.89- 01.89	111543#	12	1.4
Accord 2.2 10TH Anniversary	[F22A1]					01.93- 01.93	112214	12	1.6
						01.93- 01.93	113024	12	1.6
Accord 2.2 25TH Anniversary EDI	[F22B2]					01.96- 01.96	113398	12	1.6
Accord 2.2 DX	[F22A1]					01.90- 01.93	112214	12	1.6
						01.90- 01.93	113024	12	1.6
	[F22B2]					01.94- 01.97	113024	12	1.6
Accord 2.2 EX	[F22A1]					01.90- 01.91	112214	12	1.6
						01.90- 01.91	113024	12	1.6
	[F22A4]					01.90- 01.91	112214	12	1.6
						01.90- 01.91	113024	12	1.6
	[F22A6]					01.91- 01.93	112214	12	1.6
						01.91- 01.93	113024	12	1.6
	[F22B1]					01.94- 01.97	113024	12	1.6
Accord 2.2 EX-R						01.91- 01.91	113024	12	1.6
						01.91- 01.91	112214	12	1.6
Accord 2.2 LX	[F22A1]					01.90- 01.93	112214	12	1.6
						01.90- 01.93	113024	12	1.6
	[F22B2]					01.94- 01.97	113024	12	1.6
Accord 2.2 SE	[F22A6]					01.91- 01.93	112214	12	1.6
						01.91- 01.93	113024	12	1.6
	[F22B2]					01.97- 01.97	113398	12	1.6
Accord 2.4 DX	[K24A4]					01.03- 01.05	113821	12	1.6
Accord 2.4 EX	[K24A4]					01.03- 01.05	113821	12	1.6
Accord 2.4 LX	[K24A4]					01.03- 01.05	113821	12	1.6
Accord 3.0 EX	[J30A1]					01.98- 01.02	113392	12	1.6
Accord 3.0 LX	[J30A1]					01.98- 01.02	113392	12	1.6
Civic 1.3		01.85-	110927	14	55				
Civic 1.3 1300		01.87-	110927	14	55				
Civic 1.3 DX	[D13A2]	01.87- 01.87	110927	14	55	01.87- 01.87	110312	12	1.0
						01.87- 01.87	110249	12	0.8
	[EV1]	01.84- 01.86	110927	14	55	01.84- 01.86	110312	12	1.0
						01.84- 01.86	110249	12	0.8
Civic 1.5		01.88- 01.91	111578	14	60	01.88- 01.91	110249	12	0.8
						01.88- 01.91	110312	12	1.0
						01.88- 01.91	111442	12	1.4
Civic 1.5 1500		01.85- 01.87	110927	14	55	01.85- 01.87	111442	12	1.4
						01.85- 01.87	110312	12	1.0
						01.85- 01.87	110249	12	0.8
Civic 1.5 1500 DX		01.88- 01.88	111578	14	60	01.84- 01.88	110249	12	0.8
		01.84- 01.87	110927	14	55	01.84- 01.88	111442	12	1.4
						01.84- 01.88	110312	12	1.0
Civic 1.5 1500 GL		01.84- 01.84	110927	14	55	01.84- 01.84	111442	12	1.4
						01.84- 01.84	110312	12	1.0
						01.84- 01.84	110249	12	0.8
Civic 1.5 1500 S		01.84- 01.87	110927	14	55	01.84- 01.87	110249	12	0.8
						01.84- 01.87	110312	12	1.0
						01.84- 01.87	111442	12	1.4
Civic 1.5 1500 SI		01.86- 01.87	110927	14	55	01.86- 01.87	110312	12	1.0
						01.86- 01.87	111442	12	1.4
Civic 1.5 CVCC	[ED2]	01.75- 01.76	110138	14	40				
	[ED3]	01.76- 01.79	110138	14	40				
	[ED4]	01.77- 01.79	110138	14	40				
Civic 1.5 CX	[D15B8]	01.92- 01.95	111285	14	70	01.92- 01.95	110249	12	0.8
						01.92- 01.95	110312	12	1.0
		01.89- 01.91	111578	14	60	01.89- 01.91	110249	12	0.8
						01.89- 01.91	111442	12	1.4
						01.89- 01.91	110312	12	1.0
Civic 1.5 Del Sol S	[D15B7]	01.93- 01.95	111285	14	70	01.93- 01.95	110249	12	0.8
						01.93- 01.95	110312	12	1.0
Civic 1.5 DX	[D15B2]	01.88- 01.91	111578	14	60	01.88- 01.91	110249	12	0.8
						01.88- 01.91	110312	12	1.0
						01.88- 01.91	111442	12	1.4
	[D15B7]	01.92- 01.95	111285	14	70	01.92- 01.95	110249	12	0.8
						01.92- 01.95	110312	12	1.0
Civic 1.5 GL	[EW1]	01.86- 01.86	110927	14	55	01.86- 01.86	111442	12	1.4
						01.86- 01.86	110249	12	0.8
						01.86- 01.86	110312	12	1.0

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

**HONDA** *Continued*

Civic 1.5 LX	[D15B2]	01.88- 01.91	111578	14	60	01.88- 01.91	111442	12	1.4
						01.88- 01.91	110249	12	0.8
						01.88- 01.91	110312	12	1.0
	[D15B7]	01.92- 01.95	111285	14	70	01.92- 01.95	110249	12	0.8
						01.92- 01.95	110312	12	1.0
Civic 1.5 SE		01.88- 01.88	111578	14	60	01.88- 01.88	110249	12	0.8
						01.88- 01.88	111442	12	1.4
						01.88- 01.88	110312	12	1.0
Civic 1.5 VX	[D15Z1]	01.92- 01.95	111285	14	70	01.92- 01.95	110249	12	0.8
						01.92- 01.95	110312	12	1.0
Civic 1.6 4WD	[D16A6]	01.88- 01.91	111578	14	60	01.88- 01.91	110312	12	1.0
						01.88- 01.91	111442	12	1.4
Civic 1.6 CX	[D16Y7]	01.96- 01.00	113035	14	75	01.99- 01.00	113394#	12	1.0
						01.96- 01.98	110312	12	1.0
						01.96- 01.97	113399#	12	1.0
Civic 1.6 Del Sol S	[D16Y7]	01.96- 01.97	113035	14	75	01.96- 01.97	110312	12	1.0
						01.96- 01.97	113399#	12	1.0
Civic 1.6 Del Sol SI	[D16Y8]	01.96- 01.97	113035	14	75	01.96- 01.97	110312	12	1.0
						01.96- 01.97	113399#	12	1.0
	[D16Z6]	01.93- 01.95	111285	14	70	01.93- 01.95	110312	12	1.0
Civic 1.6 Del Sol VTEC	[B16A2]					01.96- 01.97	113399#	12	1.0
Civic 1.6 DX	[D16Y7]	01.96- 01.00	113035	14	75	01.99- 01.00	113394#	12	1.0
						01.96- 01.98	110312	12	1.0
						01.96- 01.97	113399#	12	1.0
Civic 1.6 EX	[D16A6]	01.90- 01.91	111578	14	60	01.90- 01.91	110312	12	1.0
						01.90- 01.91	111442	12	1.4
	[D16Y8]	01.96- 01.00	113035	14	75	01.99- 01.00	113394#	12	1.0
						01.96- 01.98	110312	12	1.0
						01.96- 01.97	113399#	12	1.0
	[D16Z6]	01.92- 01.95	111285	14	70	01.92- 01.95	110312	12	1.0
Civic 1.6 HX	[D16Y5]	01.96- 01.00	113035	14	75	01.99- 01.00	113394#	12	1.0
						01.96- 01.97	110312	12	1.0
						01.96- 01.97	113399#	12	1.0
Civic 1.6 LX	[D16Y7]	01.96- 01.00	113035	14	75	01.99- 01.00	113394#	12	1.0
						01.96- 01.98	110312	12	1.0
						01.96- 01.97	113399#	12	1.0
Civic 1.6 SI	[B16A2]	01.99- 01.00	113035	14	75	01.99- 01.00	113394#	12	1.0
	[D16A6]	01.89- 01.91	111578	14	60	01.89- 01.91	110312	12	1.0
						01.89- 01.91	111442	12	1.4
	[D16Z6]	01.92- 01.95	111285	14	70	01.92- 01.95	110312	12	1.0
Civic 1.6 Value Package	[D16Y7]					01.99- 01.00	113394#	12	1.0
Civic 1.6 GX	[D16B5]	01.98- 01.00	113035	14	75	01.99- 01.00	113394#	12	1.0
Civic 1.8 DX	[R18A1]					01.06-	114137	12	1.2
Civic 1.8 GX	[R18A4]					01.06-	114137	12	1.2
CR-V 2.0 EX	[B20B4]	01.98- 01.98	113628#	14	95	01.98- 01.98	113629	12	1.2
	[B20Z2]	01.99- 01.01	113628#	14	95	01.99- 01.01	113629	12	1.2
CR-V 2.0 LX	[B20B4]	01.97- 01.98	113628#	14	95	01.98- 01.98	113629	12	1.2
	[B20Z2]	01.99- 01.01	113628#	14	95	01.99- 01.01	113629	12	1.2
CR-V 2.0 SE	[B20Z2]	01.00- 01.01	113628#	14	95	01.00- 01.01	113629	12	1.2
CR-V 2.4 EX	[K24A1]	01.02- 01.03	113712	14	90				
CR-V 2.4 LX	[K24A1]	01.02- 01.03	113712	14	90				
CRX 1.3 1300		01.84-	110927	14	55				
CRX 1.5	[D15B2]	01.91- 01.91	111578	14	60	01.91- 01.91	110249	12	0.8
						01.91- 01.91	110312	12	1.0
						01.91- 01.91	111442	12	1.4
CRX 1.5 1500		01.84- 01.87	110927	14	55	01.84- 01.87	111442	12	1.4
						01.84- 01.87	110312	12	1.0
						01.84- 01.87	110249	12	0.8
CRX 1.5 1500 HF		01.88- 01.89	111578	14	60	01.85- 01.89	110249	12	0.8
		01.85- 01.87	110927	14	55	01.85- 01.89	111442	12	1.4
						01.85- 01.89	110312	12	1.0
CRX 1.5 1500 SI						01.85- 01.87	111442	12	1.4
						01.85- 01.87	110312	12	1.0
CRX 1.5 DX	[D15B2]	01.88- 01.90	111578	14	60	01.88- 01.90	110249	12	0.8
						01.88- 01.90	110312	12	1.0
						01.88- 01.90	111442	12	1.4
CRX 1.5 HF	[D15B6]	01.90- 01.91	111578	14	60	01.90- 01.91	111442	12	1.4
						01.90- 01.91	110249	12	0.8
						01.90- 01.91	110312	12	1.0
CRX 1.6 SI	[D16A6]	01.88- 01.91	111578	14	60	01.88- 01.91	110312	12	1.0
						01.88- 01.91	111442	12	1.4
Odyssey 2.2 EX	[F22B6]					01.95- 01.97	113024	12	1.6
Odyssey 2.2 LX	[F22B6]					01.95- 01.97	113024	12	1.6
Odyssey 3.5 Cargo	[J35A1]					01.99- 01.01	113392	12	1.6
Odyssey 3.5 EX	[J35A1]					01.99- 01.01	113392	12	1.6
Odyssey 3.5 LX	[J35A1]					01.99- 01.01	113392	12	1.6
Passport 3.2 EX	[6VD1]	01.94- 01.97	112977#	14	60	01.94- 01.02	113402	12	1.4
		01.98- 01.00	113563	14	90				
Passport 3.2 LX	[6VD1]	01.94- 01.97	112977#	14	60	01.94- 01.02	113402	12	1.4
		01.98- 01.00	113563	14	90				
Prelude 1.8	[EK1]	01.79- 01.82	110248	14	40				
Prelude 2.0 2.0 S		01.88- 01.90	111609	14	70	01.88- 01.90	111543#	12	1.4
		01.88- 01.90	111432#	14	70				
Prelude 2.0 2.0 SI	[B20A5]	01.91- 01.91	111609	14	70	01.91- 01.91	111543#	12	1.4
		01.88- 01.90	111432#	14	70	01.85- 01.90	111543#	12	1.4
		01.88- 01.90	111609	14	70				
Prelude 2.0 2.0 SI 4WS		01.88- 01.89	111609	14	70	01.88- 01.89	111543#	12	1.4
		01.88- 01.89	111432#	14	70				
Prelude 2.0 SE		01.91- 01.91	111609	14	70	01.91- 01.91	111543#	12	1.4



Prelude 2.0 SR		01.90- 01.90	111432#	14	70	01.90- 01.90	111543#	12	1.4
		01.90- 01.90	111609	14	70				
Prelude 2.1 SI 4WS	[B21A1]	01.90- 01.91	111609	14	70	01.90- 01.91	111543#	12	1.4
Prelude 2.1 SI ALB	[B21A1]	01.90- 01.91	111609	14	70	01.90- 01.91	111543#	12	1.4
Prelude 2.1 Si	[B21A1]	01.90-	111609	14	70				
Prelude 2.2	[H22A4]					01.97- 01.98	112214	12	1.6
						01.97- 01.98	113409	12	1.6
Prelude 2.2 S	[F22A1]					01.92- 01.96	112214	12	1.6
						01.92- 01.96	113024	12	1.6
Prelude 2.2 SH	[H22A4]					01.97- 01.98	112214	12	1.6
						01.97- 01.98	113409	12	1.6
Prelude 2.2 VTEC	[H22A1]					01.93- 01.96	112214	12	1.6
						01.93- 01.96	113024	12	1.6
Prelude 2.3 4WS						01.93- 01.94	112214	12	1.6
						01.93- 01.94	113024	12	1.6
Prelude 2.3 SE	[H23A1]					01.95- 01.95	112214	12	1.6
						01.95- 01.95	113024	12	1.6
Prelude 2.3 Si	[H23A1]					01.92- 01.96	112214	12	1.6
						01.92- 01.96	113024	12	1.6
Prelude 2.3 Si 4WS	[H23A1]					01.92- 01.92	112214	12	1.6
						01.92- 01.92	113024	12	1.6
S2000 2.0	[F20C1]					01.00- 01.01	113630	12	1.2
S2000 2.2	[F22C1]					01.04- 01.05	113630	12	1.2
Wagovan 1.5	[D15A2]	01.87- 01.87	110927	14	55	01.87- 01.87	110249	12	0.8
						01.87- 01.87	110312	12	1.0
						01.87- 01.87	111442	12	1.4
	[EW1]	01.84- 01.85	110927	14	55	01.84- 01.85	111442	12	1.4
						01.84- 01.85	110249	12	0.8
						01.84- 01.85	110312	12	1.0
		01.86- 01.86	110927	14	55	01.86- 01.86	111442	12	1.4
						01.86- 01.86	110312	12	1.0
						01.86- 01.86	110249	12	0.8
<b>PASSENGER CARS AO</b>									
Accord 2.4	[K24A8]	09.06-	114272	14	100				
Accord 2.4 VTEC E	[K24A2]	09.03- 09.05	114272	14	100	01.03- 09.05	113821	12	1.6
Accord 2.4 VTEC T	[K24A1]	09.03-	114272	14	100	09.03- 01.05	113821	12	1.6
Accord 3.0 VTEC	[J30A1]					10.98- 01.02	113392	12	1.6
	[J30A2]					10.01- 01.02	113392	12	1.6
Civic 1.6	[D16W4]					01.99- 10.00	113394#	12	1.0
	[R16A1]	09.05- 09.05	113954	14	70				
Civic 1.6 4WD	[D16A]	01.88- 12.92	111578	14	60	01.88- 12.92	110312	12	1.0
						01.88- 12.92	111442	12	1.4
	[D16A7]	01.88- 12.92	111578	14	60	01.88- 12.92	110312	12	1.0
						01.88- 12.92	111442	12	1.4
Civic 1.8	[R18A1]	09.05-	113954	14	70				
Concerto 1.6	[D16A9]	10.89- 10.92	111578	14	60	10.89- 10.92	110312	12	1.0
CR-V 2.0	[B20Z1]					04.99- 02.02	113629	12	1.2
Fit 1.3	[L13A1]					05.03- 12.05	115362	12	0.7
Jazz 1.4	[L13A5]					04.05- 07.08	115362	12	0.7
<b>MOTOR BIKES</b>									
ATC250 0.2						01.87- 01.87	111921	12	0.6
GL1100 1.0 Gold Wing						01.75- 01.83	113538	12	
GL1800 1.8 Goldwing		01.01- 12.04	114116	14	75				
GXC530							114375	12	0.6
TRX250 0.2						01.87- 01.87	111921	12	0.6
TRX250						01.97-	111927	12	0.6
						01.87- 01.87	111921	12	0.6
TRX300						01.88- 01.00	111921	12	0.6
						01.93- 01.07	111926	12	0.6
TRX350 0.3						01.87- 01.89	111923	12	0.6
						01.86- 01.86	111924	12	0.6
TRX400FW 0.4						01.95- 12.02	114715	12	0.6
TRX450ES 0.4						01.95- 12.02	114715	12	0.6
TRX450S 0.4						01.95- 12.02	114715	12	0.6
Various		01.90-	113997	14	40				
<b>INDUSTRY</b>									
GX340 Small engine							113671	12	
GX390 Small engine							113671	12	
Various Models 9.9							113723	12	0.4
<b>MOTORS</b>									
GX270QAE2							113723	12	0.4
GX340 0.5							113231	12	0.5
GX340DE33							112246	12	0.6
GX390 0.5							113231	12	0.5
GX610							113594	12	0.6
GX620							113594	12	0.6
GX670	[24 HP]						113732	12	1.0
GXV390SE33							112246	12	0.6
GXV610							113594	12	0.6
GXV620							113594	12	0.6
<b>Hough</b>									
<b>AGRICULTURE</b>									
Various Models						01.89-	112668	12	2.5
<b>Howo</b>									
<b>TRUCKS EU</b>									
Various Models							114435	24	7.5
<b>MARINE</b>									
WD615							114327	24	5.5



Application list

<b>Huerlimann</b>										
<b>AGRICULTURE</b>										
Various Models						03.79-	110530	12	3.0	
<b>Hummer</b>										
<b>PASSENGER CARS EU</b>										
Hummer 6.5 Diesel						GM Diesel 01.94-	113435	24	4.5	
Hummer 6.5 TD						GM Diesel 01.94-	113435	24	4.5	
<b>PASSENGER CARS US</b>										
Various Models 6.2 Diesel		[GM]				01.94-	113435	24	4.5	
Various Models 6.5 Diesel		[GM]				Military 01.82- 01.88	113435	24	4.5	
<b>Hyster</b>										
<b>FORK LIFTS</b>										
150		[6.354]				01.72- 01.77	110491	12	1.4	
						01.63- 12.77	110569	12		
125 150		[F245]				01.68- 01.84	110491	12	1.4	
20 25 30		[4.107]				01.69- 12.76	110506	12		
		[4.108]				01.73- 12.76	110506	12		
30 40 50		[3.152]				01.71- 12.77	110468	12		
		[4.203]				01.71- 12.78	110472	12		
						01.71- 12.78	112175	12	3.0	
40 60		[4.154]				01.72- 12.78	110506	12		
						01.72- 12.78	110573	12	2.0	
						01.72- 12.78	112175	12	3.0	
60 70 80 100		[4.203]				01.69- 12.76	110472	12		
						01.69- 12.76	112175	12	3.0	
60 70 80 90		[4.203]				01.69- 12.78	110472	12		
						01.69- 12.78	112175	12	3.0	
Various Models			113693	14	70		111049	12		
			111495	14	40		112175	12	3.0	
			113691	14	70	01.61- 01.69	110506	12		
			113694	14	70	01.63- 01.84	110569	12		
						01.80- 01.92	110573	12	2.0	
							111273	12	2.7	
						01.70- 01.96	113172	12	2.0	
							111041	12	2.8	
							113985	12	2.7	
						01.72-	110491	12	1.4	
						01.79-	110449	12	3.6	
						01.70- 01.88	112268	12	2.8	
<b>Hyundai</b>										
<b>PASSENGER CARS EU</b>										
Accent 1.3		[G4E-A]	01.00-	111309	14	75	01.00-	113659	12	0.9
			01.00-	113657	14	90	01.00-	110315	12	0.9
		[G4EH]	08.02-	113657	14	90	AT 10.94-	110958	12	0.9
			10.94-	111309	14	75	10.94-	110158	12	1.2
			10.94-	111405	14	90	07.94- 07.99	110479	12	0.9
							A13 07.94- 07.99	110315	12	0.9
							08.02-	113659	12	0.9
Accent 1.3 i 12V		[G4EH]	10.94- 07.99	111309	14	75	AT 07.94- 07.99	110958	12	0.9
			10.94-	111375	14	75	10.94-	110315	12	0.9
			10.94- 07.99	111405	14	90	07.94- 07.99	110479	12	0.9
Accent 1.4 GL		[G4EE]	11.05-	113657	14	90	11.05-	113659	12	0.9
Accent 1.5		[G4EB]	01.00-	111309	14	75	01.00-	113659	12	0.9
			01.00-	113657	14	90	01.00-	110315	12	0.9
							A13 01.00-	110479	12	0.9
							AT 01.00-	110958	12	0.9
		[G4EC-G]	09.00-	111309	14	75	09.00-	110315	12	0.9
							A13 09.00-	110479	12	0.9
							AT 09.00-	110958	12	0.9
							01.00-	113638	12	1.4
							09.00-	113659	12	0.9
Accent 1.5 i 12V		[G4EK]	10.94-	111309	14	75	10.94-	110315	12	0.9
			10.94- 07.99	111405	14	90	07.94- 07.99	110479	12	0.9
							AT 07.94- 07.99	110958	12	0.9
Accent 1.5 i 16V		[G4FK]	10.95-	111405	14	90	10.95-	110315	12	0.9
Accent 1.5 CRDi		[D3-EA]	01.02-	114201	14	100	01.02-	113796	12	1.7
Accent 1.5 CRDi GLS		[D4FA]					11.05-	113797	12	1.7
Accent 1.6		[G4ED-G]	12.02-	113657	14	90	12.02-	113659	12	0.9
Accent 1.6 GLS		[G4ED]	11.05-	113657	14	90	11.05-	113659	12	0.9
Atos 1.0 i		[G4HC]	02.98-	113518	14	60	02.98-	112322	12	0.8
		[G4HC-E]	03.01-	113518	14	60	03.01-	112322	12	0.8
			03.01-	113791	14	70				
Atos 1.1		[G4HG]	03.04-	113791	14	70	03.04-	112322	12	0.8
Atos Prime 1.0 i		[G4HC]	02.98-	113518	14	60	02.98-	112322	12	0.8
		[G4HC-E]	03.01-	113518	14	60	03.01-	112322	12	0.8
			03.01-	113791	14	70				
Atos Prime 1.1		[G4HD]	06.03-	113791	14	70				
Coupe 1.6 16V		[G4ED-G]	03.02-	113657	14	90	03.02-	113659	12	0.9
			03.02-	114522	14	95				
		[G4GR]	03.98-	111405	14	90	05.96- 09.01	110315	12	0.9
							AT 06.00- 09.01	110958	12	0.9
							05.96- 05.00	111306#	12	1.2
							05.96- 05.00	111307	12	1.2
Coupe 1.6 i 16V		[4G61]	12.96-	111405	14	90	12.96-	111307	12	1.2
							AT 12.96-	111306#	12	1.2
Coupe 2.0		[G4GC-G]	08.01-	114522	14	95	03.02-	111306#	12	1.2
			03.02-	113657	14	90	03.02-	111307	12	1.2
Coupe 2.0 GLS		[G4GC-G]	02.03-	113657	14	90	02.03-	111307	12	1.2
			02.03-	114522	14	95				



Coupe 2.0 16V	[G4DF]	03.01- 01.02	111405	14 90				
		04.02-	113657	14 90				
	[G4GF]	08.96-	111405	14 90		08.96-	111307	12 1.2
						AT 08.96-	111306#	12 1.2
Coupe 2.7	[G6BA-G]	01.07-	114522	14 95				
Coupe 2.7 V6	[G6BA-G]	03.02-	113652	14 110				
		03.02-	114522	14 95				
Elantra 1.5						01.85- 01.95	110315	12 0.9
						AT 08.91- 01.95	110958	12 0.9
Elantra 1.6	[G4ED-G]	06.00-	111309	14 75		06.00- 03.01	110315	12 0.9
		05.03-	113657	14 90		AT 06.00- 03.01	110958	12 0.9
						06.00-	113659	12 0.9
	[G4GA]	09.03-	113657	14 90		09.03-	113659	12 0.9
		06.11-	114467	14 90		06.11-	114443	12 0.9
Elantra 1.6 CVVT	[G4FC]	06.06-	114467	14 90		06.06-	114892	12 0.9
Elantra 1.6 CRDi	[D4FB]					02.06-	113797	12 1.7
Elantra 1.8	[G4BB]	06.00-	111309	14 75		AT 06.00-	111306#	12 1.2
						06.00-	111307	12 1.2
	[G4GB]	11.02-	113657	14 90		11.02-	111306#	12 1.2
						11.02-	111307	12 1.2
Elantra 2.0	[G4GC]	09.00-	111309	14 75		06.00-	111307	12 1.2
		AC 10.03-	113657	14 90		AT 06.00-	111306#	12 1.2
	[G4GC-G]	06.00-	111309	14 75		AT 06.00-	111306#	12 1.2
						06.00-	111307	12 1.2
Elantra 2.0 CRDi	[D4EA]	04.01-	113328	14 120		04.01-	113329	12 2.0
Excel 1.3	[G4DG]	01.90- 01.95	110660#	14 65		01.90- 01.95	110479	12 0.9
		01.94-	111309	14 75				
Galloper 2.5 Diesel Intercooler	[D4BH]	08.98-	113519	14 90		08.98-	111565	12 2.2
						08.98-	111461	12 2.2
						02.97- 09.02	111476	12 2.0
						08.98-	111912	12 2.2
Galloper 2.5 TCI Intercooler	[D4BH]	08.98-	113519	14 90		08.98-	110809	12 2.0
						08.98-	111461	12 2.2
						02.97- 09.02	111476	12 2.0
						08.98-	111565	12 2.2
Galloper 2.5 TD	[4D56T]					08.91- 07.98	110809	12 2.0
						08.91- 07.98	111461	12 2.2
	[D4BA]	08.98-	113519	14 90		08.98-	110809	12 2.0
						08.98-	111565	12 2.2
Galloper 2.5 TD Intercooler	[4D56T]					A13 08.91- 07.98	111565	12 2.2
						AT 08.91- 07.98	111461	12 2.2
						08.91- 07.98	111476	12 2.0
Galloper 3.0 V6	[6G72]					08.91- 07.98	111241	12 1.2
	[G6AT]	08.98-	111314	14 90		02.97- 08.01	111476	12 2.0
						A13 02.97- 08.01	111565	12 2.2
Getz 1.1	[G4HD]	09.02-	113791	14 70 ▲		09.02-	112322	12 0.8
Getz 1.3	[G4E-A]	09.02-	113657	14 90		09.02-	110479	12 0.9
						09.02-	113659	12 0.9
Getz 1.4	[G4EE]	08.05-	113657	14 90		08.05-	113659	12 0.9
Getz 1.5 CRDi	[D3-EA]	03.03-	113863	14 90		03.03-	113796	12 1.7
		03.03-	114201	14 100				
	[D4FA]	08.05-	113863	14 90		08.05-	113797	12 1.7
Getz 1.5 CRDi GLS	[D4FA]	08.05-	114201	14 100		08.05-	113796	12 1.7
Getz 1.6	[G4ED-G]	09.02-	113657	14 90		09.02-	110479	12 0.9
						09.02-	113659	12 0.9
Grandeur 2.2 CRDi	[D4EB]	06.06-	114509	14 150				
		06.06-	115409*	14 120				
H-1 2.4	[G4CS]	10.97-	111314	14 90		10.97-	110811	12 1.2
H-1 2.5 CRDi	[D4CB]	08.02-	113792	14 110		08.03-	113937	12 2.2
		07.08-	114287	14 110				
H-1 2.5 CRDi Starex	[D4CB]	06.06- 12.07	112333	14 110		06.06- 12.07	113445	12 2.2
		06.06- 12.07	113330	14 75				
H-1 2.5 Diesel Starex	[D4BF]	10.97-	113330	14 75		10.97-	110809	12 2.0
		AC 10.97-	112333	14 110		10.97-	111461	12 2.2
H-1 2.5 TD	[D4BF]	03.00- 09.00	112205	14 90		03.00- 09.00	110809	12 2.0
		03.00- 09.00	112333	14 110		A13 03.00- 09.00	111461	12 2.2
		03.00- 09.00	113330	14 75		03.00- 09.00	111912	12 2.2
	[D4BH]	09.00-	112205	14 90		09.00-	110809	12 2.0
						03.00- 07.03	111476	12 2.0
						03.00- 07.03	111565	12 2.2
					03.00-	111912	12 2.2	
		AC 09.00-	112333	14 110		A13 09.00-	111461	12 2.2
H-1 / Starex 2.5 CRDi		12.02- 04.04	113792	14 110		12.02- 04.04	113937	12 2.2
H-1 Cargo 2.5 CRDi	[D4CB-L]					02.08-	113797	12 1.7
	[D4CB-W]					08.09-	113937	12 2.2
H-1 Starex 2.4	[G4JS]	06.01- 12.06	111314	14 90		06.01- 12.06	110811	12 1.2
H100 2.4	[G4CS]	01.97- 03.00	111314	14 90		01.97-	110811	12 1.2
H100 2.5 Diesel	[D4BA]	07.93-	111929	14 65		07.94- 03.00	111461	12 2.2
		07.93-	113343	14 65		07.93- 03.00	111912	12 2.2
						07.93- 03.00	110809	12 2.0
	[D4BB]	07.93-	111929	14 65		12.94-	111461	12 2.2
		w/o ABS 07.93- 03.00	113343	14 65		12.94- 03.00	111912	12 2.2
	[D4BX]	07.93-	111929	14 65		07.93- 12.94	111912	12 2.2
	07.93-	113343	14 65		07.93-	111461	12 2.2	
H100 2.5 TD	[D4BF]	07.93- 03.00	111929	14 65		07.93- 03.00	111912	12 2.2
		07.93- 03.00	113343	14 65		07.93- 03.00	111461	12 2.2
H100 P 2.4	[G4CS]	06.97- 03.00	111314	14 90 ▲		07.93-	110811	12 1.2

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

HYUNDAI Continued

H100 P 2.5 Diesel	[D4BA]	07.93-	111929	14 65	07.94-	111461	12 2.2
		w/o ABS 07.93- 03.00	113343	14 65	07.93- 12.94	111912	12 2.2
					07.93- 03.00	110809	12 2.0
	[D4BX]	07.93-	111929	14 65	07.93- 12.94	111461	12 2.2
					07.93- 12.94	111912	12 2.2
i10 1.1	[G4HG]				04.11-	112322	12 0.8
i10 1.1 CRDI	[D3FA]	01.08-	113863	14 90			
i10 1.2	[G4LA]				11.08-	114821	12 0.9
i20 1.2	[G4LA]				09.08-	114760	12 0.8
					03.12-	114821	12 0.9
i20 1.4	[G4FA]	09.08-	114467	14 90			
i20 1.6	[G4FC]	09.08-	114467	14 90			
i20 1.6 CRDI	[D4FB]				01.09-	113797	12 1.7
i30 1.4	[G4FA]	10.07-	114467	14 90	11.11-	114443	12 0.9
					10.07-	114892	12 0.9
i30 1.4 CRDI	[D4FC]				11.11-	113797	12 1.7
i30 1.6	[G4FC]	10.07-	114467	14 90	01.12-	114443	12 0.9
					10.07-	114892	12 0.9
	[G4FG]				06.12-	114443	12 0.9
i30 1.6 GDI	[G4FD]				11.11-	114443	12 0.9
	[G4FG]				11.11-	114443	12 0.9
i30 1.6 CRDI	[D4FB]				10.07-	113797	12 1.7
					05.13-	113797	12 1.7
i30 2.0	[G4GC-G]	10.07-	114857	14 90	10.07-	114820	12 1.2
i30 2.0 CRDI	[D4EA]	10.07- 06.12	115409*	14 120	10.07- 06.12	114778	12 2.0
i30 CW 1.4	[G4FA]	10.07-	114467	14 90	10.07-	114443	12 0.9
i30 CW 1.6	[G4FC]	02.08-	114467	14 90	02.08- 06.12	114892	12 0.9
i30 CW 2.0	[G4GC-G]	02.08- 06.12	114857	14 90	02.08- 06.12	114820	12 1.2
i40 1.6 GDI	[G4FD]				03.12-	114443	12 0.9
i40 CW 1.6 GDI	[G4FD]				07.11-	114443	12 0.9
ix20 1.4 CRDI	[D4FC-M]				06.11-	113797	12 1.7
ix20 1.6 CRDI	[D4FB]				06.11-	113797	12 1.7
Lantra 1.5 12V	[G4EK]	12.96-	111309	14 75	AT 12.96-	110958	12 0.9
		12.96- 09.00	111405	14 90	12.96-	110315	12 0.9
Lantra 1.5 i	[G15B]	10.90- 11.95	110659	14 75	10.90- 11.95	110958	12 0.9
		10.90- 11.95	110660#	14 65	10.90- 11.95	110315	12 0.9
		10.90- 11.95	112531	14 60	10.90- 11.95	110158	12 1.2
	[G4DJ]	10.90- 11.95	110659	14 75	10.90- 11.95	110958	12 0.9
		10.90- 11.95	110660#	14 65	10.90- 11.95	110158	12 1.2
		10.90- 11.95	112531	14 60	10.90- 11.95	110315	12 0.9
Lantra 1.6	[G4GR]	11.95-	111309	14 75	AT 11.95-	111306#	12 1.2
		11.95-	111405	14 90	11.95-	111307	12 1.2
Lantra 1.6 16V	[4G61]	11.95-	111309	14 75	AT 11.95-	111306#	12 1.2
		11.95-	111405	14 90	11.95-	111307	12 1.2
Lantra 1.6 i 16V	[G4CR]	10.90- 11.95	110802	14 75	10.90- 11.95	110811	12 1.2
		10.90- 11.95	110804	14 90	10.90- 04.95	111305	12 1.2
Lantra 1.8 16V	[G4GM]	11.95-	111309	14 75	AT 11.95-	111306#	12 1.2
		11.95-	111405	14 90	11.95-	111307	12 1.2
Lantra 1.8 i 16V	[G4CN]	10.90- 11.95	110802	14 75	10.90- 11.95	110811	12 1.2
		10.90- 11.95	110804	14 90	06.92- 04.95	111305	12 1.2
Lantra 1.9 Diesel	[DJY]				03.98- 09.00	111070	12 1.7
					03.98- 09.00	114460	12 1.4
Lantra 2.0 16V	[G4GF]	08.96-	111309	14 75	AT 08.96- 09.00	111306#	12 1.2
		08.96-	111405	14 90	08.96- 09.00	111307	12 1.2
Matrix 1.5 CRDI	[D3-EA]	10.01-	114201	14 100	10.01-	113796	12 1.7
					06.01-	113659	12 0.9
	[D4FA]				12.04-	113797	12 1.7
Matrix 1.5 CRDI VGT	[D4FA]				08.05-	113797	12 1.7
Matrix 1.6	[G4ED-G]	06.01-	113657	14 90	06.01-	113659	12 0.9
Matrix 1.8	[G4GB-G]	06.01-	111309	14 75	AT 06.01- 04.04	111306#	12 1.2
		06.01-	113657	14 90	06.01-	111307	12 1.2
Pony 1.2	[Saturn]				06.74-	110157	12 1.0
					06.74-	110158	12 1.2
Pony 1.3	[G13B]	10.85- 09.89	110660#	14 65	10.85- 09.89	110315	12 0.9
					10.85- 09.89	110158	12 1.2
	[G4DG]	10.89- 01.95	110659	14 75	10.89- 01.95	110479	12 0.9
		10.89- 01.95	112531	14 60	10.89- 01.95	110157	12 1.0
					01.90- 01.95	110315	12 0.9
Pony 1.4	[4G33]				10.78- 09.85	110157	12 1.0
					08.77-	110158	12 1.2
					08.77-	110315	12 0.9
Pony 1.5	[G15B]	10.85- 01.91	110660#	14 65	AT 10.85- 11.91	110315	12 0.9
		01.91- 01.95	110659	14 75	10.85- 01.95	110479	12 0.9
		01.91- 01.95	112531	14 60	10.85- 01.95	110157	12 1.0
	[G4DJ]	10.85- 01.91	110660#	14 65	AT 10.85- 01.95	110315	12 0.9
		01.91- 01.95	110659	14 75	10.85- 09.89	110157	12 1.0
		01.91- 01.95	112531	14 60	10.85- 01.95	110479	12 0.9
					AT 11.91- 01.95	110958	12 0.9
Pony 1.5 i	[G15B]	10.89- 01.91	110660#	14 65	01.90- 01.95	110479	12 0.9
		01.91- 01.95	110659	14 75	10.89- 01.95	110157	12 1.0
		01.91- 01.95	112531	14 60	AT 10.89- 11.91	110315	12 0.9
	[G4DJ]	10.89- 01.91	110660#	14 65	AT 11.91- 01.95	110958	12 0.9
		01.91- 01.95	110659	14 75	10.89- 01.95	110479	12 0.9
		01.91- 01.95	112531	14 60	AT 10.89- 01.95	110315	12 0.9
Porter 2.4	[G4CS]				01.97-	110811	12 1.2
Porter 2.5 CRDI	[D4CB]				02.03- 04.04	113937	12 2.2
Santa Fe 2.0	[G4BP]	08.00- 09.02	113517	14 110	08.01-	113521	12 1.2
		08.01-	113328	14 120	AT 08.01-	113638	12 1.4
					04.01-	113329	12 2.0



Santa Fe 2.0 CRDi	[D4EA]	08.01-08.01-	113328	14 120	08.01-	113329	12 2.0
Santa Fe 2.0 CRDi 4WD	[D4EA]	04.01-04.01-	113328	14 120	04.01-	113329	12 2.0
	[D4EA-V]	04.01-04.01-	113328	14 120	08.03-	113329	12 2.0
Santa Fe 2.2 CRDi	[D4EB]	10.05-	113328	14 120	10.05-	113329	12 2.0
Santa Fe 2.2 CRDi 4WD	[D4EB]	10.05-	113328	14 120	10.05-	113329	12 2.0
Santa Fe 2.4 16V	[G4JS-G]	02.00-09.02	113517	14 110	02.00-	113521	12 1.2
Santa Fe 2.4 16V 4WD	[G4JS-G]	02.00-09.02	113517	14 110	02.00-	113521	12 1.2
Santa Fe 2.7 V6 4WD	[G6BA-G]	02.01-02.01-	113652	14 110	01.98-12.00	113805	12 1.2
			114522	14 95			
Santa Fe 2.7 V6 4x4	[G6EA]	11.00-03.06	114522	14 95			
Santamo 2.0 16V	[G4CP]	05.99-12.00	110802	14 75	05.99-	110811	12 1.2
		05.99-	110804	14 90	05.99-	110315	12 0.9
					05.99-12.02	111305	12 1.2
Santamo 2.0 16V 4WD	[G4CP]	05.99-12.02	110802	14 75	05.99-12.02	110811	12 1.2
		05.99-	110804	14 90	05.99-12.02	110315	12 0.9
Satellite 2.4 i	[G4CS]	10.97-	111314	14 90	10.97-	110811	12 1.2
Satellite 2.5 TD	[4D56TC]	10.97-	112333	14 110			
Scoupe 1.5 i	[G15B]	02.90-02.90-	110659	14 75	02.90-06.92	110315	12 0.9
			112531	14 60	02.90-06.92	110157	12 1.0
	[G4DJ]	02.90-	110659	14 75	PS 02.90-10.91	110315	12 0.9
		02.90-06.92	110660#	14 65	02.90-	110479	12 0.9
			112531	14 60	AT 11.91-	110958	12 0.9
	[G4EK]	04.92-	111375	14 75	04.92-	110315	12 0.9
					AT 04.92-	110958	12 0.9
					04.92-	110479	12 0.9
Scoupe 1.5 i Turbo	[G4EK-TC]	01.90-04.95	111309	14 75	04.91-	110315	12 0.9
Sonata 1.8 i	[4G62]				08.88-05.89	110158	12 1.2
					05.89-10.93	110811	12 1.2
					06.88-06.93	111305	12 1.2
	[G4CM]				Only G4CM 07.93-06.98	111305	12 1.2
					05.93-06.98	110811	12 1.2
Sonata 2.0	[G4JP-EG]				AT 10.01-11.04	113638	12 1.4
					04.01-	113521	12 1.2
Sonata 2.0 16V	[G4JP-G]	06.98-	112327	14 100	06.98-10.01	113521	12 1.2
					AT 06.98-10.01	113638	12 1.4
Sonata 2.0 i	[G4CP]	09.88-08.91	110957#	14 75	Only G4CP 06.88-08.98	111305	12 1.2
		06.94-06.98	110802	14 75	05.89-06.98	110811	12 1.2
		06.94-06.98	110804	14 90	09.88-05.89	110158	12 1.2
	[G4CP-U]	01.91-01.94	110957#	14 75	01.91-10.93	110158	12 1.2
					01.91-10.93	110811	12 1.2
Sonata 2.0 i 16V	[G4CP-D]	01.91-10.93	110804	14 90	Only G4CP 09.90-06.93	111305	12 1.2
					01.91-10.93	110811	12 1.2
	[G4CP-DM]	01.95-06.96-	110802	14 75	06.96-	110811	12 1.2
			110804	14 90			
Sonata 2.0 CRDi	[D4EA]	02.06-	115409*	14 120			
Sonata 2.4	[G4KC]	01.05-	114827	14 120			
Sonata 2.4 16V	[G4BS]				AT 03.98-10.01	113638	12 1.4
Sonata 2.4 i	[G4CS]	09.88-08.91	110957#	14 75	01.89-01.93	111305	12 1.2
Sonata 2.5 V6	[G6AV]	08.98-09.01	113652	14 110	AT 08.98-09.01	113020	12 1.2
		08.98-09.01	114522	14 95	08.98-09.01	113805	12 1.2
Sonata 2.5 V6 24V	[G6BV-G]	06.98-10.01	113652	14 110	06.98-10.01	113753	12 0.9
		06.98-10.01	114522	14 95	06.98-10.01	113805	12 1.2
Sonata 2.7 i V6	[G6BA]	10.01-05.05	114522	14 95	10.01-05.05	113020	12 1.2
Sonata 2.7 V6	[G6BA]				11.02-11.04	111307	12 1.2
	[G6BA-G]	10.01-11.04	114522	14 95			
Sonata 3.0 i V6	[G6AT]		111406	14 110	01.91-10.93	111241	12 1.2
Starex 2.4	[G4CS]	06.97-	111314	14 90	06.97-	110811	12 1.2
Starex 2.4 4WD	[G4CS]	02.98-	111314	14 90	02.98-	110811	12 1.2
Starex 2.5 TD	[D4BF]	06.97-	112205	14 90	A13 06.97-	111461	12 2.2
		06.97-	112333	14 110	06.97-	110809	12 2.0
		06.97-	113330	14 75			
Starex 2.5 TD 4WD	[D4BF]	02.98-	112205	14 90	02.98-	110809	12 2.0
		02.98-	112333	14 110	A13 02.98-	111461	12 2.2
		02.98-	113330	14 75			
Stellar 1.4	[4G33]				10.83-08.86	110157	12 1.0
Stellar 1.6	[G32B]				10.83-12.91	110157	12 1.0
Stellar 1.8					03.84-01.92	110157	12 1.0
Terracan 2.5 TD	[D4BH]				12.01-	111461	12 2.2
Terracan 2.9 CRDi	[J3]	12.01-	113331	14 110	11.01-07.03	114732	12 2.2
Terracan 3.5 i V6 4WD	[G6CU]				12.01-	111241	12 1.2
Tiburon 2.0 CVVT	[G4GC]				10.06-	114820	12 1.2
Trajet 2.0	[G4GC-G]	01.04-01.04-	112327	14 100	01.04-	113638	12 1.4
			113517	14 110	03.04-	113521	12 1.2
		01.04-	113657	14 90			
	[G4JP-G]	03.00-	112327	14 100	AT 03.00-	113638	12 1.4
		03.00-	113517	14 110	03.00-	113521	12 1.2
		03.00-06.07	113657	14 90			
Trajet 2.0 CRDi	[D4EA]	04.01-	113328	14 120	04.01-	113329	12 2.0
Trajet 2.7 V6	[G6BA-G]	09.00-	113652	14 110	01.00-	113805	12 1.2
Tucson 2.0	[G4GC]	08.04-	113657	14 90	04.04-07.04	111307	12 1.2
Tucson 2.0 4WD	[G4GC]	08.04-	113657	14 90	04.04-07.04	111307	12 1.2
Tucson 2.0 CRDi	[D4EA]	04.04-	113328	14 120	04.04-	113329	12 2.0
	[D4EA-V]	01.06-	113328	14 120	01.06-	113329	12 2.0
Tucson 2.0 CRDi 4WD	[D4EA]	04.04-	113328	14 120	04.04-	113329	12 2.0
Tucson 2.0 CRDi 4x4	[D4EA]	01.06-	113328	14 120	01.06-	113329	12 2.0
Tucson 2.7 4WD	[G6BA-G]	08.04-	113652	14 110	08.04-	113020	12 1.2

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**HYUNDAI** *Continued*

Veloster 1.6 GDI	[G4FD]	03.11-	114467	14	90	03.11-	114443	12	0.9
						10.12-	114443	12	0.9
XG 2.5 V6	[G6AV]	12.98-	114522	14	95				
XG 3.0 V6	[G6CT-G]					12.98-	113753	12	0.9
						12.98-	113805	12	1.2
<b>PASSENGER CARS US</b>									
Accent 1.5	[G4EK]	01.98- 01.02	111309	14	75	01.98- 01.01	110158	12	1.2
		01.98- 01.01	111405	14	90	01.98- 01.01	110958	12	0.9
		01.95- 01.96	111309	14	75	01.95- 01.96	110158	12	1.2
						01.95- 01.96	110958	12	0.9
Accent 1.5 GL		01.95- 01.97	111309	14	75	01.95- 01.97	110158	12	1.2
		01.97- 01.97	111405	14	90	01.95- 01.97	110958	12	0.9
Accent 1.5 GS		01.97- 01.97	111309	14	75	01.97- 01.97	110158	12	1.2
		01.97- 01.97	111405	14	90	01.97- 01.97	110958	12	0.9
Accent 1.5 GT		01.96- 01.97	111309	14	75	01.96- 01.97	110158	12	1.2
						01.96- 01.97	110958	12	0.9
Accent 1.5 L		01.95- 01.97	111309	14	75	01.95- 01.97	110158	12	1.2
						01.95- 01.97	110958	12	0.9
Accent 1.6		01.01- 01.02	111309	14	75	12.02-	113659	12	0.9
						01.01- 01.01	110958	12	0.9
Elantra 1.6		06.91- 01.95	110802	14	75	01.92- 01.95	110811	12	1.2
						01.90- 01.95	111305	12	1.2
Elantra 1.6 GL		01.92- 01.95	110802	14	75	01.92- 01.95	110811	12	1.2
						09.95-	111305	12	1.2
						09.95-	111306#	12	1.2
						09.95-	111307	12	1.2
Elantra 1.6 GLS		01.92- 01.94	110802	14	75	01.92- 01.94	110811	12	1.2
Elantra 1.8	[G4CN]	01.98- 01.98	111405	14	90	01.98- 01.98	111307	12	1.2
						01.93-	111305	12	1.2
		01.95- 01.97	111405	14	90	01.98- 01.98	111306#	12	1.2
		01.93- 01.95	110802	14	75	01.96- 01.97	111307	12	1.2
						01.93- 01.95	110811	12	1.2
						01.93- 01.95	111305	12	1.2
Elantra 1.8 GL		01.93- 01.95	110802	14	75	01.93- 01.95	110811	12	1.2
Elantra 1.8 GLS		01.96- 01.97	111405	14	90	01.96- 01.97	111306#	12	1.2
		01.93- 01.95	110802	14	75	01.96- 01.97	111307	12	1.2
						01.93- 01.95	110811	12	1.2
Elantra 2.0	[G4CP]	01.99- 01.01	111405	14	90	01.99- 01.01	111306#	12	1.2
						01.99- 01.01	111307	12	1.2
Elantra 2.0 GLS	[G4CP]	01.02- 01.02	111309	14	75	01.02- 01.03	111307	12	1.2
		01.03- 01.03	113657	14	90	01.02- 01.03	111306#	12	1.2
		01.04-	113657	14	90				
Elantra 2.0 GT	[G4CP]	01.02-	111309	14	75	01.02- 01.03	111307	12	1.2
		01.03- 01.03	113657	14	90	01.02- 01.03	111306#	12	1.2
		01.04-	113657	14	90				
Excel 1.5		01.91- 01.94	110659	14	75	01.91- 01.94	110158	12	1.2
		01.91- 07.94	111309	14	75	01.91- 01.94	110157	12	1.0
						PS 01.91- 01.94	110315	12	0.9
Excel 1.5 CX		01.93- 01.94	110659	14	75	01.93- 01.94	110158	12	1.2
		01.93- 07.94	111309	14	75	01.93- 01.94	110958	12	0.9
Excel 1.5 CXL		01.92- 01.94	110659	14	75	01.92- 01.94	110158	12	1.2
		01.92- 07.94	111309	14	75	01.92- 01.94	110958	12	0.9
						01.92- 01.94	110157	12	1.0
						AT 01.92- 01.94	110315	12	0.9
Excel 1.5 GL		01.90- 01.94	110659	14	75	01.86- 01.94	110158	12	1.2
		01.90- 07.94	111309	14	75	01.90- 01.94	110157	12	1.0
						AT 01.90- 01.94	110315	12	0.9
Excel 1.5 GLS		01.90- 01.91	110659	14	75	01.86- 01.91	110158	12	1.2
		01.90- 01.91	111309	14	75	01.90- 01.91	110157	12	1.0
						AT 01.90- 01.91	110315	12	0.9
Excel 1.5 GS		01.92- 01.94	110659	14	75	01.92- 01.94	110158	12	1.2
		01.92- 07.94	111309	14	75	01.92- 01.94	110958	12	0.9
						01.92- 01.94	110157	12	1.0
						AT 01.92- 01.94	110315	12	0.9
Excel 1.5 L		01.91- 01.92	110659	14	75	01.86- 01.92	110158	12	1.2
		01.91- 01.92	111309	14	75	04.89- 01.92	110157	12	1.0
						AT 01.91- 01.92	110315	12	0.9
Santa Fe 2.4						01.01- 01.02	113638	12	1.4
Santa Fe 2.7						01.01- 01.02	113020	12	1.2
Scoupe 1.5		02.90- 06.92	110659	14	75	01.91- 01.95	110158	12	1.2
		01.93- 01.95	111309	14	75				
Scoupe 1.5 LS		01.91- 01.92	110659	14	75	01.91- 01.95	110158	12	1.2
		01.93- 01.95	111309	14	75				
Scoupe 1.5 Turbo		01.93- 01.95	111309	14	75	01.93- 01.95	110158	12	1.2
Sonata 2.0	[G4CP]	01.98- 01.98	110802	14	75	01.98- 01.98	110811	12	1.2
		01.98- 01.98	110804	14	90				
		01.92- 01.97	110804	14	90	01.92- 01.97	110811	12	1.2
		01.92- 01.97	110802	14	75				
Sonata 2.0 GL		01.92- 01.97	110804	14	90	01.92- 01.97	110811	12	1.2
		01.92- 01.97	110802	14	75				
Sonata 2.0 GLS		01.92- 01.94	110802	14	75	01.92- 01.94	110811	12	1.2
		01.92- 01.94	110804	14	90				
Sonata 2.4		01.89- 01.91	110659	14	75	01.99- 01.03	113638	12	1.4
		01.99- 01.03	112327	14	100	01.99- 01.03	113521	12	1.2
						01.89- 01.91	110811	12	1.2
						01.89- 01.93	111305	12	1.2
Sonata 2.4 Deluxe		01.89- 01.89	110659	14	75	01.89- 01.89	110811	12	1.2





Sonata 2.4 GL		01.89- 01.91	110659	14	75			01.89- 01.91	110811	12	1.2
								01.89- 01.93	111305	12	1.2
Sonata 2.4 GLS		01.89- 01.91	110659	14	75			01.89- 01.91	110811	12	1.2
Sonata 2.4 Sport Deluxe		01.89- 01.89	110659	14	75			01.89- 01.89	110811	12	1.2
Sonata 2.5		01.99- 01.01	113652	14	110			01.99- 01.01	113020	12	1.2
Sonata 2.7 GLS								01.02- 01.02	113020	12	1.2
Sonata 3.0	[G6AT]	01.98- 01.98	111406	14	110						
								01.90- 01.94	111241	12	1.2
Sonata 3.0 GL		01.95- 01.97	111406	14	110			01.90- 01.94	111241	12	1.2
Sonata 3.0 GLS		01.95- 01.97	111406	14	110			01.90- 01.94	111241	12	1.2
Tiburon 1.8		01.97- 01.97	111405	14	90			01.97- 01.97	111306#	12	1.2
								01.97- 01.97	111307	12	1.2
Tiburon 2.0	[G4CP]	01.98- 01.01	111405	14	90			01.98- 01.01	111307	12	1.2
								01.98- 01.01	111306#	12	1.2
		01.03-	113657	14	90						
Tiburon 2.0 FX	[G4CP]	01.98- 01.98	111405	14	90			01.98- 01.98	111307	12	1.2
								01.98- 01.98	111306#	12	1.2
		01.97- 01.97	111405	14	90			01.97- 01.97	111307	12	1.2
								01.97- 01.97	111306#	12	1.2
XG300 3.0								01.01- 01.01	113020	12	1.2
XG350 3.5								01.02- 01.02	113020	12	1.2
XG350 3.5 L								01.02- 01.02	113020	12	1.2
<b>PASSENGER CARS AO</b>											
Elantra 1.8		06.00- 07.03	113657	14	90						
Getz 1.5 CRDI GLS	[D4FA]	07.04- 08.05	114201	14	100			07.04- 08.05	113796	12	1.7
H-1 2.5 Diesel	[D4BH]	06.00- 10.05	112333	14	110			06.00- 10.05	111461	12	2.2
		06.00- 10.05	113330	14	75			06.00- 10.05	111565	12	2.2
								06.00- 10.05	111476	12	2.0
								06.00- 10.05	113445	12	2.2
Porter 2.5 TD	[D4BA]							07.94-	110809	12	2.0
Sonata 1.8 GLS	[G4DM]							06.98-	113638	12	1.4
Starex 2.5 CRDi								12.02-	113937	12	2.2
Stellar 2.0 GSL								06.86- 01.92	110157	12	1.0
<b>INDUSTRY</b>											
360	[6D22.]								112342	24	5.5
<b>IFA</b>											
<b>TRUCKS EU</b>											
W50 14.5								01.75- 12.90	110511#	24	4.0
<b>Ikarus</b>											
<b>TRUCKS EU</b>											
200	[MAN-D2866]	08.91-	111842	28	140						
Various Models			110544	28	125						
<b>Infiniti</b>											
<b>PASSENGER CARS EU</b>											
G20 2.0	[SR20DE]	01.90- 12.97	111268#	14	80						
I30 3.0	[VQ30DE]	01.97-	111381	14	110						
<b>PASSENGER CARS US</b>											
G20 2.0	[SR20DE]	01.91- 01.96	111264	14	80			01.91- 01.99	111608	12	1.4
I30 3.0	[VQ30DE]	01.98- 01.99	111381	14	110			01.96- 01.01	111382	12	1.4
QX4 3.3	[VG33E]							01.97- 01.00	113045#	12	1.4
QX4 3.5	[VQ35DE]	01.01- 01.02	113420	14	110						
<b>Ingersoll Rand</b>											
<b>MISCELLANEOUS</b>											
VR 1044 5.9	[4BT3.9]							01.99-	112253	12	2.5
VR 1056 5.9	[4BT3.9]							01.99-	112253	12	2.5
VR 843 5.9	[4BT3.9]							01.99-	112253	12	2.5
<b>Innocenti</b>											
<b>PASSENGER CARS EU</b>											
Elba 1.4 i.e.	[146C5.000]	09.94- 12.96	113472	14	65			09.94- 12.96	112289	12	0.8
	[146D5.000]	09.94- 12.96	113472	14	65			09.94- 12.96	112289	12	0.8
Elba 1.5 i.e.	[149C1.000]	03.92- 08.93	111035	14	65			08.92- 09.94	112289	12	0.8
Elba 1.6 i.e.	[146C6.000]	09.94- 12.96	113472	14	65						
	[146D6.000]	09.94- 12.96	113472	14	65			09.94- 12.96	112289	12	0.8
<b>Inter Harv.</b>											
<b>AGRICULTURE</b>											
1455 A 6.6	[DT-402]	01.79- 12.96	112160	28	75						
<b>International</b>											
<b>PASSENGER CARS US</b>											
100 4.2		01.74- 01.74	110233	14	63						
		01.74- 01.74	110505	14	75						
100 5.0		01.74- 01.74	110233	14	63			01.74- 01.74	112233	12	
		01.74- 01.74	110505	14	75						
100 5.6		01.74- 01.74	110233	14	63			01.74- 01.74	112233	12	
		01.74- 01.74	110505	14	75						
100 6.4								01.74- 01.74	112233	12	
150 5.0		01.75- 01.75	110233	14	63			01.75- 01.75	112233	12	
		01.75- 01.75	110505	14	75						
150 5.6		01.75- 01.75	110233	14	63			01.75- 01.75	112233	12	
		01.75- 01.75	110505	14	75						
150 6.4								01.75- 01.75	112233	12	
200 4.2		01.74- 01.74	110233	14	63						
		01.74- 01.74	110505	14	75						
200 5.0		01.74- 01.75	110233	14	63			01.74- 01.75	112233	12	
		01.74- 01.75	110505	14	75						
200 5.6		01.74- 01.75	110233	14	63			01.74- 01.75	112233	12	
		01.74- 01.75	110505	14	75						
200 6.4								01.74- 01.74	112233	12	
1000 3.8 B		01.69- 01.69	110075	14	60						
1000 3.8 C		01.69- 01.69	110075	14	60						

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

**INTERNATIONAL** *Continued*

1000 3.8 D	01.69- 01.70	110075	14 60				
1000 3.9 C	01.69- 01.69	110075	14 60				
1000 3.9 D	01.69- 01.70	110075	14 60				
1000 4.4 B	01.68- 01.69	110075	14 60		01.68- 01.69	112233	12
1000 4.4 C	01.68- 01.69	110075	14 60		01.68- 01.69	112233	12
1000 4.4 D	01.69- 01.70	110075	14 60		01.69- 01.70	112233	12
1000 5.0 B	01.69- 01.69	110075	14 60		01.69- 01.69	112233	12
1000 5.0 C	01.69- 01.69	110075	14 60		01.69- 01.69	112233	12
1000 5.0 D	01.69- 01.70	110075	14 60		01.69- 01.70	112233	12
1010 3.8	01.71- 01.71	110233	14 63				
	01.71- 01.71	110937	14 200				
	01.71- 01.71	110505	14 75				
1010 4.2	01.72- 01.73	110233	14 63				
	01.72- 01.73	110937	14 200				
	01.72- 01.73	110505	14 75				
1010 5.0	01.72- 01.73	110937	14 200		01.72- 01.73	112233	12
	01.72- 01.73	110233	14 63				
	01.72- 01.73	110505	14 75				
1010 5.7	01.71- 01.73	110233	14 63		01.71- 01.73	112233	12
	01.71- 01.73	110505	14 75				
1010 6.4					01.72- 01.73	112233	12
1100 3.8 B	01.69- 01.69	110075	14 60				
1100 3.8 C	01.69- 01.69	110075	14 60				
1100 3.8 D	01.69- 01.70	110075	14 60				
1100 3.9 D	01.69- 01.70	110075	14 60				
1100 4.4 B	01.68- 01.69	110075	14 60		01.68- 01.69	112233	12
1100 4.4 C	01.68- 01.69	110075	14 60		01.68- 01.69	112233	12
1100 4.4 D	01.69- 01.70	110075	14 60		01.69- 01.70	112233	12
1100 5.0 B	01.69- 01.69	110075	14 60		01.69- 01.69	112233	12
1100 5.0 C	01.69- 01.69	110075	14 60		01.69- 01.69	112233	12
1100 5.0 D	01.69- 01.70	110075	14 60		01.69- 01.70	112233	12
1110 3.8	01.71- 01.71	110233	14 63				
	01.71- 01.71	110937	14 200				
	01.71- 01.71	110505	14 75				
1110 4.2	01.72- 01.73	110233	14 63				
	01.72- 01.73	110937	14 200				
	01.72- 01.73	110505	14 75				
1110 5.0	01.72- 01.73	110937	14 200		01.72- 01.73	112233	12
	01.72- 01.73	110233	14 63				
	01.72- 01.73	110505	14 75				
1110 5.7	01.71- 01.73	110233	14 63		01.71- 01.73	112233	12
	01.71- 01.73	110505	14 75				
1110 6.4					01.72- 01.73	112233	12
1200 3.9 D	01.69- 01.70	110075	14 60				
1200 4.4 B	01.68- 01.69	110075	14 60		01.68- 01.69	112233	12
1200 4.4 C	01.68- 01.69	110075	14 60		01.68- 01.69	112233	12
1200 4.4 D	01.69- 01.70	110075	14 60		01.69- 01.70	112233	12
1200 5.0 B	01.69- 01.69	110075	14 60		01.69- 01.69	112233	12
1200 5.0 C	01.69- 01.69	110075	14 60		01.69- 01.69	112233	12
1200 5.0 D	01.69- 01.70	110075	14 60		01.69- 01.70	112233	12
1210 3.8	01.71- 01.71	110937	14 200				
	01.71- 01.71	110233	14 63				
	01.71- 01.71	110505	14 75				
1210 4.2	01.72- 01.73	110233	14 63				
	01.72- 01.73	110937	14 200				
	01.72- 01.73	110505	14 75				
1210 5.0	01.72- 01.73	110233	14 63		01.72- 01.73	112233	12
	01.72- 01.73	110937	14 200				
	01.72- 01.73	110505	14 75				
1210 5.7	01.71- 01.73	110233	14 63		01.71- 01.73	112233	12
	01.71- 01.73	110505	14 75				
1210 6.4					01.72- 01.73	112233	12
1300 3.9 D	01.69- 01.70	110075	14 60				
1300 4.4 B	01.68- 01.69	110075	14 60		01.68- 01.69	112233	12
1300 4.4 C	01.68- 01.69	110075	14 60		01.68- 01.69	112233	12
1300 4.4 D	01.69- 01.70	110075	14 60		01.69- 01.70	112233	12
1300 5.0 B	01.69- 01.69	110075	14 60		01.69- 01.69	112233	12
1300 5.0 C	01.69- 01.69	110075	14 60		01.69- 01.69	112233	12
1300 5.0 D	01.69- 01.70	110075	14 60		01.69- 01.70	112233	12
1310 3.8	01.71- 01.71	110233	14 63				
	01.71- 01.71	110937	14 200				
	01.71- 01.71	110505	14 75				
1310 4.2	01.72- 01.73	110233	14 63				
	01.72- 01.73	110937	14 200				
	01.72- 01.73	110505	14 75				
1310 5.0	01.72- 01.73	110233	14 63		01.72- 01.73	112233	12
	01.72- 01.73	110937	14 200				
	01.72- 01.73	110505	14 75				
1310 5.0	01.71- 01.72	110233	14 63		01.71- 01.72	112233	12
	01.71- 01.72	110937	14 200				
	01.71- 01.72	110505	14 75				
1310 5.7	01.71- 01.73	110233	14 63		01.71- 01.73	112233	12
	01.71- 01.73	110505	14 75				
1310 6.4					01.72- 01.73	112233	12
908B 4.4	01.68- 01.68	110075	14 60		01.68- 01.68	112233	12
908B 5.0	01.69- 01.69	110075	14 60		01.69- 01.69	112233	12
908C 4.4	01.68- 01.68	110075	14 60		01.68- 01.68	112233	12
908C 5.0	01.69- 01.69	110075	14 60		01.69- 01.69	112233	12



DM10 4.2	01.72- 01.72	110233	14	63				
	01.72- 01.72	110937	14	200				
	01.72- 01.72	110505	14	75				
DM10 5.0	01.72- 01.72	110233	14	63	01.72- 01.72	112233	12	
	01.72- 01.72	110937	14	200				
	01.72- 01.72	110505	14	75				
M Series 2.5	01.61- 01.67	110075	14	60	01.61- 01.67	112233	12	
M Series 3.6	01.63- 01.65	110075	14	60				
M1100 2.5	01.68- 01.71	110075	14	60	01.68- 01.71	112233	12	
M1100 3.2	01.71- 01.71	110233	14	63	01.71- 01.71	112233	12	
	01.71- 01.71	110505	14	75				
M1100 3.8	01.69- 01.70	110075	14	60				
M1100 4.2	01.72- 01.72	110233	14	63				
	01.72- 01.72	110505	14	75				
M1100 5.0	01.69- 01.72	110075	14	60	01.69- 01.72	112233	12	
M1200 3.8	01.71- 01.71	110233	14	63				
	01.71- 01.71	110505	14	75				
	01.69- 01.70	110075	14	60				
M1200 4.2	01.72- 01.72	110233	14	63				
	01.72- 01.72	110505	14	75				
M1200 4.4	01.68- 01.68	110075	14	60	01.68- 01.68	112233	12	
M1200 5.0	01.69- 01.72	110075	14	60	01.69- 01.72	112233	12	
M1400 3.8	01.69- 01.69	110075	14	60				
M1400 5.0	01.69- 01.69	110075	14	60	01.69- 01.69	112233	12	
M800 2.5	01.68- 01.71	110075	14	60	01.68- 01.71	112233	12	
M800 2.5 Post office	01.71- 01.71	110233	14	63	01.71- 01.71	112233	12	
	01.71- 01.71	110505	14	75				
M800 3.8	01.69- 01.70	110075	14	60				
M800 3.8 Navy	01.69- 01.69	110075	14	60				
M800 3.8 Post office	01.69- 01.70	110075	14	60				
M800 4.2 Post office	01.72- 01.72	110233	14	63				
	01.72- 01.72	110505	14	75				
M800 5.0	01.69- 01.71	110075	14	60	01.69- 01.71	112233	12	
M800 5.0 Navy	01.69- 01.69	110075	14	60	01.69- 01.69	112233	12	
M800 5.0 Post office	01.69- 01.72	110075	14	60	01.69- 01.72	112233	12	
MA1200 3.8	01.71- 01.71	110233	14	63				
	01.71- 01.71	110505	14	75				
	01.69- 01.70	110075	14	60				
MA1200 4.4	01.68- 01.68	110075	14	60	01.68- 01.68	112233	12	
MA1200 5.0	01.69- 01.71	110075	14	60	01.69- 01.71	112233	12	
MHC1310 4.2	01.74- 01.75	110233	14	63				
	01.74- 01.75	110937	14	200				
	01.74- 01.75	110505	14	75				
MHC1310 5.0	01.74- 01.75	110233	14	63	01.74- 01.75	112233	12	
	01.74- 01.75	110937	14	200				
	01.74- 01.75	110505	14	75				
MHC1310 5.0	01.74- 01.75	110233	14	63	01.74- 01.75	112233	12	
	01.74- 01.75	110937	14	200				
	01.74- 01.75	110505	14	75				
MS1210 4.2	01.72- 01.75	110233	14	63				
	01.74- 01.75	110937	14	200				
	01.72- 01.75	110505	14	75				
MS1210 5.0	01.74- 01.74	110937	14	200	01.72- 01.74	112233	12	
	01.72- 01.74	110233	14	63				
	01.72- 01.74	110505	14	75				
MS1210 5.6	01.75- 01.75	110233	14	63	01.75- 01.75	112233	12	
	01.75- 01.75	110505	14	75				
Scout 2.5	01.61- 01.71	110075	14	60	01.61- 01.71	112233	12	
Scout 3.2	01.71- 01.80	110233	14	63	01.68- 01.80	112233	12	
	01.68- 01.68	110075	14	60				
Scout 3.2 SS2	01.71- 01.80	110505	14	75				
	01.78- 01.79				01.78- 01.79	112233	12	
Scout 3.2 Terra					01.76- 01.80	112233	12	
Scout 3.2	01.76- 01.79	110233	14	63	01.76- 01.79	112233	12	
	01.76- 01.79	110505	14	75				
Scout 3.2 Turbo [6-33T]					01.80- 01.80	112233	12	
Scout 3.8	01.71- 01.71	110233	14	63	01.71- 01.71	112233	12	
	01.71- 01.71	110505	14	75				
Scout 4.3	01.69- 01.70	110075	14	60	01.69- 01.70	112233	12	
Scout 4.4	01.68- 01.68	110075	14	60	01.68- 01.68	112233	12	
Scout 5.0	01.71- 01.80	110233	14	63	01.69- 01.80	112233	12	
	01.71- 01.80	110505	14	75				
Scout 5.0 SS2	01.69- 01.70	110075	14	60				
	01.78- 01.79	110505	14	75	01.78- 01.79	112233	12	
Scout 5.0 Terra	01.78- 01.79	110233	14	63				
	01.76- 01.80	110233	14	63	01.76- 01.80	112233	12	
Scout 5.6	01.76- 01.80	110505	14	75				
	01.71- 01.80	110233	14	63	01.71- 01.80	112233	12	
Scout 5.6 SS2	01.71- 01.80	110505	14	75				
	01.78- 01.79	110233	14	63	01.78- 01.79	112233	12	
Scout 5.6 Terra	01.78- 01.79	110505	14	75				
	01.76- 01.80	110233	14	63	01.76- 01.80	112233	12	
Scout 5.7	01.76- 01.80	110505	14	75				
	01.72- 01.74	110233	14	63	01.72- 01.74	112233	12	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



**INTERNATIONAL** *Continued*

TRUCKS US											
Various Models		01.88-	113740#	14	160			01.88-	01.07	112089	12
		01.71-	01.89	112260#	14	80					
		01.86-	01.96	112264#	14	105					
		01.95-	01.07	112834	14	145					
		01.80-	12.94	112989	14	60					
		01.88-	12.94	112993	14	130					
		01.88-	12.92	112994	14	100					
		01.97-	01.07	113002#	14	135					
		01.88-	12.96	113432	14	145					
		01.01-	01.07	113579	14	145					
		01.85-	01.96	110300	28	65					
		08.89-		111232	14	115					
		01.97-	01.00	112824	14	145					
		01.97-	01.00	113001#	14	110					
		01.90-		113739	14	130					
				114351	14	200					
		01.71-	01.78	110504	14	90					
		01.80-	01.89	110801	28	45					
		01.77-	01.89	112262#	14	90					
				112998#	14	85					
Irmer											
INDUSTRY											
Various Models								04.77-		113464	24 4.0
								07.82-		110512	24 5.4
								08.78-	08.82	110536	12 2.7
								01.92-		112555	12 3.1
Iseki											
AGRICULTURE											
234		01.82-	01.84	111042	14	35					
235		01.85-	01.90	111042	14	35					
244		01.82-	01.84	111042	14	35					
245		01.85-	01.90	111042	14	35					
254		01.82-	01.84	111042	14	35					
255		01.85-	01.90	111042	14	35					
265		01.85-	01.90	111042	14	35					
275		01.85-	01.90	111042	14	35					
325				113699	14	40					
530				113921	14	40					
				111048	14	40					
2140				111042	14	35				110933	12 1.4
4451										111683	12 2.0
SL 3410 3610 3615 3645	[3KC1, 3KR1]							01.85-	01.92	111098	12 1.0
Various Models				114190	14	60				110933	12 1.4
Isuzu											
PASSENGER CARS EU											
26 2.0 Diesel								01.81-	01.95	111709	12 2.2
27 2.2 Diesel								01.85-	01.88	111683	12 2.0
								01.85-	01.88	111709	12 2.2
41 2.0 Diesel								01.81-	01.85	110412	12 2.2
								01.81-	01.85	110573	12 2.0
								01.81-	01.85	111709	12 2.2
47 2.2 Diesel								01.85-	01.88	111683	12 2.0
								01.85-	01.88	111709	12 2.2
C190	[4BJ1]							01.85-		111247	24 3.5
Campo 2.2 Diesel	[C223]	04.86-	12.90	110697	14	50		04.86-	12.90	111683	12 2.0
		01.91-		110679	14	60					
Campo 2.2 Diesel 4WD	[C223]	04.86-	12.90	110697	14	50		04.86-	12.90	111683	12 2.0
Campo 2.5 Diesel	[4JA1]	01.83-	12.91	110697	14	50					
Campo 2.5 Diesel 4WD	[4JA1]	01.83-	12.91	110697	14	50		01.83-	12.90	111559	12 2.0
		08.89-		111267	14	50					
D-Max 2.5 Diesel 4WD	[4JA1-TC]	05.02-		114458	14	60					
D-Max 3.0 Diesel 4WD	[4JH1-TC]	05.02-		114458	14	60					
Gemini 1.6	[4XE1-WUT]	01.88-	12.93	110683#	14	75					
Gemini 1.6 GTi	[4XE1]	01.88-	12.93	110683#	14	75					
Impulse 1.6	[4XE1-XUT]	01.90-	12.92	110683#	14	75					
KB Series										114335	12 2.5
Midi 2.0	[4ZC1]	06.88-		110679	14	60					
Midi 2.0 4WD	[4ZC1]	09.88-		110679	14	60					
Midi 2.0 TD	[4FC1T]	01.89-	01.91	111291#	14	55					
Midi 2.2 Diesel	[4FD1]	01.89-		111291#	14	55					
Midi 2.2 Diesel 4WD	[4FD1]	09.88-		111291#	14	55					
NKR 2.8 Diesel	[4JB1]							01.85-	12.96	111683	12 2.0
Piazza 2.0 Turbo	[4ZC1-T]	06.85-	12.90	110675	14	75					
Rodeo 2.5 Diesel 4x4	[4JK1-TC]	01.05-		114458	14	60					
Rodeo 3.1 TD	[C4JG2]	10.93-	12.97	112228	14	60					
TFR 2.5 Diesel	[4JA1]	01.93-		114371	14	50					
Trooper 2.2 4WD	[C223]	05.84-	07.89	110697	14	50		05.84-	10.88	111683	12 2.0
Trooper 2.2 Diesel	[C223T]							01.83-	12.83	111683	12 2.0
Trooper 2.2 Diesel 4WD	[C223]	11.86-	10.88	110697	14	50		05.84-	10.88	111683	12 2.0
Trooper 2.2 TD	[C223T]	11.86-	10.88	110697	14	50		03.84-	10.88	111683	12 2.0
Trooper 2.3	[4ZD1]	01.86-	10.88	110679	14	60					
Trooper 2.6 i	[4ZE1]	10.87-	01.91	110679	14	60					
Trooper 2.8 TD	[4JB1T]	10.87-		111267	14	50		10.87-		111559	12 2.0
	[4JB1-TC]	10.88-		111267	14	50		10.88-		111559	12 2.0
Trooper 3.0 DTi	[4JX1]	04.00-		112673	14	70					
		01.99-		113698	14	90					
	[4JX1T]	04.00-		112673	14	70					
Trooper 3.1 TD	[4JG2T]	08.91-	07.98	111767	14	80		08.91-	07.98	112083	12 2.8



Trooper 3.2	[6VD1]	08.91- 07.98	113076	14	75					
Trooper 3.5 V6 24V	[6VE1]					04.00-	113402	12	1.4	
UBS52 2.2 Diesel						01.84- 01.89	111709	12	2.2	
Various Models						06.75-	110412	12	2.2	
							113209#	12	2.0	
<b>PASSENGER CARS US</b>										
Amigo 2.2	[X22SE]	01.99- 01.00	111426	14	100	01.99- 01.00	111848	12	1.0	
		01.98- 01.98	111426	14	100	01.98- 01.98	111848	12	1.0	
Amigo 3.2	[6VD1]					01.99- 01.00	113402	12	1.4	
						01.98- 01.98	113402	12	1.4	
Ascender 5.3		01.03-	112853	14	130					
Hombre 2.2		01.96- 01.97	112614	14	105	01.96- 01.00	112911	12	1.6	
Hombre 2.2						01.00- 01.00	112900	12	1.4	
Hombre 4.3		01.98- 01.00	112665	14	100	01.97- 01.00	112240	12	1.7	
I-Mark 1.6		01.89- 01.89	110679	14	60					
I-Mark 1.8		01.81- 01.84	110248	14	40					
I-Mark 1.8 DLX		01.84- 01.85	110248	14	40					
I-Mark 1.8		01.81- 01.84	110248	14	40					
I-Mark 1.8 DLX		01.84- 01.84	110248	14	40					
Impreza 2.0 Turbo		01.85- 01.89	110675	14	75					
Oasis 2.2 LS						01.96- 01.97	113398	12	1.6	
Oasis 2.2 S						01.96- 01.97	113398	12	1.6	
Pick Up 1.8		01.81- 01.82	110129	14	50					
Pick Up 2.2		01.81- 01.87	110697	14	50	01.81- 01.87	111683	12	2.0	
Pick Up 2.2 Normal cab		01.87- 01.87	110697	14	50	01.87- 01.87	111683	12	2.0	
Pick Up 2.2 Turbo		01.86- 01.87	110697	14	50	01.86- 01.87	111683	12	2.0	
Pick Up 3.1 Normal cab						01.91- 01.94	112911	12	1.6	
Rodeo 2.2	[X22SE]	01.98- 01.01	111426	14	100	01.98- 01.00	111848	12	1.0	
Rodeo 2.2 Sport	[X22SE]	01.01- 01.01	111426	14	100					
Rodeo 3.1						01.91- 01.92	111034	12	1.2	
						01.91- 01.92	112911	12	1.6	
Rodeo 3.2	[6VD1]	01.98- 01.00	113563	14	90	01.98- 01.02	113402	12	1.4	
		01.93- 01.97	112977#	14	60	01.93- 01.97	113402	12	1.4	
Rodeo 3.2 Sport	[6VD1]					01.01- 01.04	113402	12	1.4	
Trooper 2.2		01.84-	110697	14	50					
Trooper 2.2 Turbo		01.86- 01.87	110697	14	50	01.86- 01.87	111683	12	2.0	
Trooper 2.8						01.89- 01.91	112911	12	1.6	
Trooper 3.2 LS		01.92- 01.95	113076	14	75	01.92- 01.97	112986	12	1.4	
Trooper 3.2 LTD						01.97- 01.97	112986	12	1.4	
Trooper 3.2 RS		01.93- 01.95	113076	14	75	01.93- 01.95	112986	12	1.4	
Trooper 3.2 S		01.92- 01.97	113076	14	75	01.92- 01.97	112986	12	1.4	
Trooper 3.5	[6VE1]					01.98- 01.02	112986	12	1.4	
Vehicross 3.5	[6VE1]					01.99- 01.01	112986	12	1.4	
<b>PASSENGER CARS AO</b>										
Aska 2.0 Diesel	[4FC1]					04.83- 06.89	110573	12	2.0	
D-Max 2.5 Diesel	[4JA1-TC]	10.02-	114458	14	60					
D-MAX 3.0 DiTD	[4JH1-TC]	10.02-	114458	14	60					
TFR/TFS Pick-up 2.5 Diesel	[4JA1]					07.94- 08.99	114429	12	2.0	
TFR/TFS Pick-up 2.8 Diesel	[4JB1]					10.91-	114429	12	2.0	
<b>TRUCKS EU</b>										
150	[4BJ1]					01.82-	111247	24	3.5	
250	[4BJ1]					01.82-	111247	24	3.5	
ELF 5.0	[4JH1]	01.02-	114428	14	100					
FRR33 Series	[6HH1MTC]						114474	24	5.0	
NHR 3.1 Diesel	[4JG2]	01.98-	114373	14	80					
NKR 3.1 Diesel	[4JG2]	01.98-	114373	14	80					
NKR 3.3 Diesel	[4BC2]	07.85- 12.96	111493	28	35	02.86- 12.96	110723	24	3.5	
		02.86- 12.96	114426	28	40					
NKR 3.6	[4BE1]	06.87-	111493	28	35	NKR66	113675	24	4.0	
		01.90- 01.98	114368	28	25					
NKR 4.3	[4BG1]	01.90- 01.98	114368	28	25					
NKR	[3100]	01.97-	114427	14	100					
NPR 3.3 Diesel	[4BC2]	10.84- 12.95	111493	28	35	10.84- 12.95	110723	24	3.5	
		10.84- 12.95	114426	28	40					
NPR 3.9	[4BD1]	10.84- 12.96	111493	28	35	01.80- 12.94	111393#	24	3.5	
		01.86- 01.90	113412	14	70	01.86- 01.97	113131#	12	3.0	
		10.90- 12.97	113413	14	70	10.84- 12.96	113428	12	2.5	
NPR	[4HF1]	01.98-	114014	28	60					
		01.98-	114782	28	50					
	[4HG1]	01.98-	114014	28	60					
	[4HJ1]	01.98-	114014	28	60					
Various Models			114366	28	40			114474	24	5.0
								114442	24	6.0
								114346	24	5.5
WFR12 2.0	[4CZ1]	12.85-	110679	14	60					
WFR53 2.2 Diesel	[4FD1]	11.86- 12.93	111291#	14	55					
WFS53 2.2 Diesel	[4FD1]	01.86- 12.96	111291#	14	55					
<b>FORK LIFTS</b>										
C240	[4BJ1]					01.78-	111247	24	3.5	
<b>INDUSTRY</b>										
Engine	[4BG1TC]						114324	24	4.5	
Various Models	[4JH1]		114802	14	60					
<b>MOTORS</b>										
4JB1							114185	24	3.2	
Engine 8.4 Diesel	[6SA1]					01.86-	114420	24	5.5	
Engine	[3K-C1]	01.83- 01.96	113347	14	20					
	[3K-R1]		113416	28	20					
	[4BD1T]		112168#	28	30					
	[4BG1]						114378	24	4.5	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



**ISUZU** Continued

	[6BB1]								110580	24	4.5
	[6BD1T]	01.85-	111051	28	25				112649	24	4.5
			113386#	28	30				110580	24	4.5
									113132	12	2.2
	[6BF1]								110580	24	4.5
	[6BG1]								110580	24	4.5
<b>Iveco</b>											
<b>PASSENGER CARS EU</b>											
30-8 2.4 Diesel	[8140.61.200]	01.78- 06.89	110890	14	55		04.78- 06.89	111996	12	2.2	
30-8 2.5 Diesel	[8140.07.2700]	01.89- 08.98	111418	14	60		02.91- 04.96	111693	12	2.5	
							01.89- 08.98	111996	12	2.2	
	[8140.07.2712]	01.89- 08.98	111418	14	60		02.89- 04.96	111693	12	2.5	
							01.89- 08.98	111996	12	2.2	
	[8140.67F]	01.89- 08.98	111418	14	60		01.89- 08.98	111996	12	2.2	
	[8140.67F.3710]	01.89- 08.98	111418	14	60		01.89- 08.98	111996	12	2.2	
	[8140.67F.3711]	01.89- 08.98	111418	14	60		01.89- 08.98	111996	12	2.2	
	[8140.67F.3713]	01.89- 08.98	111418	14	60		01.89- 08.98	111996	12	2.2	
	[8140.67F.3721]	01.89- 08.98	111418	14	60		01.89- 08.98	111996	12	2.2	
30-8 2.8 Diesel	[8140.63.]	09.98- 05.99	112406	14	90		09.98- 05.99	111996	12	2.2	
30-10 2.8 Diesel	[8140.23.]	05.96- 05.99	112406	14	90		01.97- 05.99	111996	12	2.2	
29-11 2.8							05.99-	112441	12	2.3	
29 L 10 2.3 Diesel	[F1AE0481A]	09.02-	113279	14	110		09.02-	112441	12	2.3	
							09.02-	115505	12	2.3	A49
	[F1AE0481FA]	05.06- 06.06	114306*	14	180		05.06- 06.06	112441	12	2.3	
							05.06- 06.06	115505	12	2.3	A49
29 L 11 2.8 Diesel	[8140.43B]	05.99-	112407	14	90		05.99-	112441	12	2.3	
							05.99- 09.02	115505	12	2.3	A49
	[8140.43C]	05.99-	112407	14	90		05.99- 09.02	115505	12	2.3	A49
							05.99-	112441	12	2.3	
29 L 12 2.3 Diesel	[F1AE0481B]	09.02-	113279	14	110		09.02-	112441	12	2.3	
							09.02-	115505	12	2.3	A49
	[F1AE0481GA]	05.06-	114306*	14	180		05.06-	112441	12	2.3	
							05.06-	115505	12	2.3	A49
29 L 13 2.8 Diesel	[8140.43S]	05.01- 09.04	112407	14	90		05.01- 09.04	112441	12	2.3	
							05.01- 09.04	115505	12	2.3	A49
29 L 14 2.3 Diesel	[F1AE0481HA]	05.06-	114306*	14	180		05.06-	112441	12	2.3	
							05.06-	115505	12	2.3	A49
	[F1AE0481M]						01.05- 04.06	112441	12	2.3	
							09.04- 04.06	115505	12	2.3	A49
29 L 9 2.8 Diesel	[8140.43R]						11.01- 04.06	115505	12	2.3	A49
	[8140.63]	05.99-	112407	14	90		05.99-	112441	12	2.3	
							05.99-	115505	12	2.3	A49
29 L 9 V 2.8 Diesel	[8140.43R]						11.01- 04.06	115505	12	2.3	A49
35 C 10 2.3 Diesel	[F1AE0481A]	09.02-	113279	14	110		09.02-	112441	12	2.3	
							09.02-	115505	12	2.3	A49
	[F1AE0481FA]	05.06-	114306*	14	180		05.06-	112441	12	2.3	
							05.06-	115505	12	2.3	A49
35 C 11 2.3	[F1AE0481FA]	07.09-	113279	14	110		07.09-	112441	12	2.3	
							07.09-	114306*	14	180	
							07.09-	115505	12	2.3	A49
35 C 11 2.8 Diesel	[8140.43C]	05.99-	112407	14	90		05.99- 09.02	112441	12	2.3	
							05.99- 03.06	115505	12	2.3	A49
35 C 12 2.3 Diesel	[F1AE0481B]	09.02-	113279	14	110		09.02-	112441	12	2.3	
							09.02-	115505	12	2.3	A49
	[F1AE0481GA]	05.06-	114306*	14	180		05.06-	112441	12	2.3	
							05.06-	115505	12	2.3	A49
35 C 13 2.3	[F1AE0481GA]	07.09-	113279	14	110		07.09-	112441	12	2.3	
							07.09-	114306*	14	180	
							07.09-	115505	12	2.3	A49
35 C 14 3.0	[F1CCNG]	07.09-	114082	14	180		07.09-	112441	12	2.3	
							07.09-	114705	14	140	
							07.09-	115490	14	140 A49	
35 C 14 3.0	[F1CE3481LC]	07.09-	114082	14	180						
							07.09-	114705	14	140	
							07.09-	115490	14	140 A49	
35 C 14 3.0 Diesel	[F1CE0481A]	09.04- 04.06	114705	14	140		09.04- 04.06	115505	12	2.3	A49
							09.04- 04.06	115490	14	140 A49	
35 C 15 2.8 Diesel	[8140.43N]	11.01-	112407	14	90		11.01-	112441	12	2.3	
							11.01-	115505	12	2.3	A49
35 C 15 3.0 Diesel	[F1CE0481FA]	05.06-	114705	14	140		05.06-	112441	12	2.3	
							05.06-	115490	14	140 A49	
							05.06-	115505	12	2.3	A49
35 C 17 3.0	[F1CE0481HA]	07.09-	114705	14	140		07.09-	112441	12	2.3	
							07.09-	115490	14	140 A49	
							07.09-	115505	12	2.3	A49
35 C 17 3.0 Diesel	[F1CE0481B]	01.05- 04.06	114705	14	140		01.05- 04.06	115505	12	2.3	A49
							01.05- 04.06	115490	14	140 A49	
35 C 18 3.0 Diesel	[F1CE0481HA]	05.06-	114705	14	140		05.06-	112441	12	2.3	
							05.06-	115490	14	140 A49	
35 C 9 2.8 Diesel	[8140.43R]						11.01- 04.06	115505	12	2.3	A49
	[8140.63]	05.99- 12.01	112407	14	90		05.99- 12.01	112441	12	2.3	
							05.99- 12.01	115505	12	2.3	A49
35 S 10 2.3 Diesel	[F1AE0481A]	09.02-	113279	14	110		09.02-	112441	12	2.3	
							09.02-	115505	12	2.3	A49
	[F1AE0481FA]	05.06-	114306*	14	180		05.06-	112441	12	2.3	
							05.06-	115505	12	2.3	A49
35 S 11 2.3	[F1AE0481FA]	07.09-	113279	14	110		07.09-	112441	12	2.3	
							07.09-	114306*	14	180	
							07.09-	115505	12	2.3	A49
35 S 11 2.8 Diesel	[8140.43C]	05.99-	112407	14	90		05.99-	112441	12	2.3	
							05.99-	115505	12	2.3	A49
35 S 12 2.3 Diesel	[F1AE0481B]	09.02-	113279	14	110		09.02-	112441	12	2.3	
							09.02-	115505	12	2.3	A49



	[F1AE0481GA]	05.06-	114306*	14 180		05.06- 05.06-	112441 115505	12 2.3 12 2.3 A49
35 S 13 2.3	[F1AE0481GA]	07.09-	113279	14 110		07.09-	112441	12 2.3
		07.09-	114306*	14 180		07.09-	115505	12 2.3 A49
35 S 13 2.8 Diesel	[8140.43S]	05.99-	112407	14 90		05.99- 05.99-	112441 115505	12 2.3 12 2.3 A49
35 S 14 2.3	[F1AE0481HA]	07.09-	113279	14 110		07.09-	112441	12 2.3
		07.09-	114306*	14 180		07.09-	115505	12 2.3 A49
35 S 14 2.3 Diesel	[F1AE0481HA]	05.06-	114306*	14 180		05.06- 05.06-	112441 115505	12 2.3 12 2.3 A49
35 S 14 3.0	[F1CCNG]	07.09- 07.09- 07.09-	114082 114705 115490	14 180 14 140 14 140 A49		07.09- 07.09-	112441 115505	12 2.3 12 2.3 A49
35 S 14 3.0	[F1CE3481LC]	07.09- 07.09-	114705 115490	14 140 14 140 A49				
35 S 15 2.8 Diesel	[8140.43N]	11.01-	112407	14 90		11.01- 11.01-	112441 115505	12 2.3 12 2.3 A49
35 S 17 3.0	[F1CE0481HA]	07.09- 07.09- 07.09-	114082 114705 115490	14 180 14 140 14 140 A49		07.09- 07.09-	112441 115505	12 2.3 12 2.3 A49
35 S 17 3.0 Diesel	[F1CE0481B]	01.05- 04.06 01.05- 04.06	114705 115490	14 140 14 140 A49		01.05- 04.06	115505	12 2.3 A49
35 S 18 3.0 Diesel	[F1CE0481HA]	05.06- 05.06-	114705 115490	14 140 14 140 A49		05.06- 05.06-	112441 115505	12 2.3 12 2.3 A49
35 S 9 2.8 Diesel	[8140.43R] [8140.63]	05.99-	112407	14 90		11.01- 04.06 05.99- 05.99- 12.01	115505 112441 115505	12 2.3 12 2.3 12 2.3 A49
35-10 2.4 Diesel	[8140.21.200]	02.85- 06.89 02.85- 06.89	111418 112453	14 60 14 85		02.85- 06.89 02.85- 06.89 01.85- 12.89	111693 111996 110814	12 2.5 12 2.2 12 2.7
35-10 2.5 Diesel	[8140.47R] [8140.47R.2790] [8140.97.2781]	07.92- 04.97 07.92- 04.97 07.92- 12.96	111418 111418 111418	14 60 14 60 14 60		07.92- 04.97 01.89- 08.98 01.89- 04.97 01.89- 12.96 01.89- 12.96 01.89- 12.96	111693 111996 111693 111996 111693 111996	12 2.5 12 2.2 12 2.5 12 2.2 12 2.5 12 2.2
35-10 2.8 Diesel	[8140.23]	05.96- 05.99	112406	14 90		01.96- 05.99	111996	12 2.2
35-11 2.8						05.99-	112441	12 2.3
35-12 2.5 Diesel	[8140.47.2700]	01.90- 01.90- 05.96 10.90- 04.96	110890 111418 112453	14 55 14 60 14 85		01.90- 04.96 01.90- 04.96	111693 111996	12 2.5 12 2.2
35-12 2.8 Diesel	[8140.43]	05.96- 08.98	112406	14 90		05.96- 05.99	111996	12 2.2
35-13 2.8						05.99-	112441	12 2.3
30-8 2.4 Diesel	[8140.61.200]					01.78- 12.89	110814	12 2.7
35-8 2.4 Diesel	[8140.61.200]	04.78- 06.89	110890	14 55		04.78- 06.89 01.78- 12.89	111996 110814	12 2.2 12 2.7
35-8 2.5 Diesel	[8140.07.2700] [8140.07.2712] [8140.67F] [8140.67F.3701] [8140.67F.3710] [8140.67F.3711] [8140.67F.3713] [8140.67F.3721]	01.89- 08.98 01.89- 08.98 01.89- 08.98 01.91- 08.98 01.91- 08.98 01.91- 08.98 01.91- 08.98 01.91- 08.98	111418 111418 111418 111418 111418 111418 111418 111418	14 60 14 60 14 60 14 60 14 60 14 60 14 60 14 60		07.89- 04.96 01.89- 08.98 01.89- 04.96 01.89- 08.98 01.91- 08.98 01.91- 08.98 01.91- 08.98 01.91- 08.98	111693 111996 111693 111996 111996 111996 111996 111996	12 2.5 12 2.2 12 2.5 12 2.2 12 2.2 12 2.2 12 2.2 12 2.2
35-8 2.8 Diesel	[8140.63.]	09.98- 05.99	112406	14 90		09.98- 05.99	111996	12 2.2
35-9 2.8						05.99-	112441	12 2.3
35S14 2.3	[F1AE0481HA]	05.06- 05.06-	113279 114306*	14 110 14 180		05.06- 05.06-	112441 115505	12 2.3 12 2.3 A49
35S14G 3.0	[F1CE0441A]	07.09- 07.09- 07.09-	114082 114705 115490	14 180 14 140 14 140 A49		07.09- 07.09-	112441 115505	12 2.3 12 2.3 A49
40 C 10 2.3 Diesel	[F1AE0481FA]					05.06- 05.06-	112441 115505	12 2.3 12 2.3 A49
40 C 11 2.3	[F1AE0481FA]	07.09- 07.09-	113279 114306*	14 110 14 180		07.09- 07.09-	112441 115505	12 2.3 12 2.3 A49
40 C 12 2.3 Diesel	[F1AE0481GA]					05.06- 05.06-	112441 115505	12 2.3 12 2.3 A49
40 C 13 2.3	[F1AE0481GA]	07.09- 07.09-	113279 114306*	14 110 14 180		07.09- 07.09-	112441 115505	12 2.3 12 2.3 A49
40 C 14 2.3 Diesel	[F1AE0481GA]					05.06- 05.06-	112441 115505	12 2.3 12 2.3 A49
40 C 14 3.0	[F1CCNG]	07.09- 07.09- 07.09-	114082 114705 115490	14 180 14 140 14 140 A49		07.09- 07.09-	112441 115505	12 2.3 12 2.3 A49
40 C 14 3.0	[F1CE3481LC]	07.09- 07.09- 07.09-	114082 114705 115490	14 180 14 140 14 140 A49		07.09- 07.09-	112441 115505	12 2.3 12 2.3 A49
40 C 14 3.0 Diesel	[F1CE0481A]	09.04- 04.06 09.04- 04.06	114705 115490	14 140 14 140 A49		09.04- 04.06	115505	12 2.3 A49
40 C 15 2.8 Diesel	[8140.43N]					11.01- 04.06	115505	12 2.3 A49
40 C 15 3.0 Diesel	[F1CE0481FA]	05.06- 05.06-	114705 115490	14 140 14 140 A49		05.06- 05.06-	112441 115505	12 2.3 12 2.3 A49
40 C 17 3.0	[F1CE0481HA]	07.09- 07.09- 07.09-	114082 114705 115490	14 180 14 140 14 140 A49		07.09- 07.09-	112441 115505	12 2.3 12 2.3 A49
40 C 17 3.0 Diesel	[F1CE0481B]	01.05- 04.06 01.05- 04.06	114705 115490	14 140 14 140 A49		01.05- 04.06	115505	12 2.3 A49

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**IVECO** Continued

40 C 18 3.0 Diesel	[F1CE0481HA]	05.06- 05.06-	114705 115490	14 140 14 140 A49	05.06- 05.06-	112441 115505	12 2.3 12 2.3 A49
40 S 10 2.3 Diesel	[F1AE0481FA]				05.06- 05.06-	112441 115505	12 2.3 12 2.3 A49
40 S 11 2.3	[F1AE0481FA]	07.09- 07.09-	113279 114306*	14 110 14 180	07.09- 07.09-	112441 115505	12 2.3 12 2.3 A49
40 S 13 2.3	[F1AE0481GA]	07.09- 07.09-	113279 114306*	14 110 14 180	07.09- 07.09-	112441 115505	12 2.3 12 2.3 A49
40 S 14 3.0	[F1CCNG]	07.09- 07.09- 07.09-	114082 114705 115490	14 180 14 140 14 140 A49	07.09- 07.09- 07.09-	112441 115505	12 2.3 12 2.3 A49
40 S 14 3.0	[F1CE3481LC]	07.09- 07.09- 07.09-	114082 114705 115490	14 180 14 140 14 140 A49	07.09- 07.09- 07.09-	112441 115505	12 2.3 12 2.3 A49
40 S 17 3.0	[F1CE0481HA]	07.09- 07.09- 07.09-	114082 114705 115490	14 180 14 140 14 140 A49	07.09- 07.09- 07.09-	112441 115505	12 2.3 12 2.3 A49
40 S 17 3.0 Diesel	[F1CE0481B]	01.05- 04.06 01.05- 04.06	114705 115490	14 140 14 140 A49	01.05- 04.06	115505	12 2.3 A49
40-10 2.4 Diesel	[8140.27S]	01.85- 12.89 01.85- 12.89	110890 111418	14 55 14 60	01.85- 12.89 01.85- 12.89	110814 111693	12 2.7 12 2.5
40-10 2.5 Diesel	[8140.27.2720]	01.90- 12.96	111418	14 60	02.85- 06.89 01.90- 12.96	110814 111693	12 2.7 12 2.5
40-10 2.8 Diesel	[8140.23] [8140.23.]	09.96- 05.99	112406	14 90	09.96- 05.99 01.97- 05.99	111996 111996	12 2.2 12 2.2
40-12 2.5 Diesel	[8140.47.2700]	10.90- 04.96	111418	14 60	10.90- 04.96	110814	12 2.7
40-12 2.8 Diesel	[8140.43]	05.96- 05.99	112406	14 90	05.96- 05.99	111996	12 2.2
40-8 2.4 Diesel	[8140.61.200]	01.83- 06.89 01.83- 06.89 01.83- 06.89	110882 110890 111418	14 45 14 55 14 60	01.83- 06.89	111996	12 2.2
45 C 14 3.0	[F1CE3481LC]				07.09- 07.09-	112441 115505	12 2.3 12 2.3 A49
45 C 15 3.0 Diesel	[F1CE0481FA]	05.06- 05.06-	114705 115490	14 140 14 140 A49	05.06- 05.06-	112441 115505	12 2.3 12 2.3 A49
45 C 17 3.0	[F1CE0481HA]				07.09- 07.09-	112441 115505	12 2.3 12 2.3 A49
45 C 18 3.0 Diesel	[F1CE0481HA]	05.06- 05.06-	114705 115490	14 140 14 140 A49	05.06- 05.06-	112441 115505	12 2.3 12 2.3 A49
45-10 2.4 Diesel	[8140.21.200]	02.85- 02.85- 06.89 02.85- 06.89	110890 111418 112453	14 55 14 60 14 85	01.85- 12.89 02.85- 06.89 02.85- 06.89	110814 111693 111996	12 2.7 12 2.5 12 2.2
45-10 2.5 Diesel	[8140.27.2720]	01.89- 04.96 09.89- 04.96	111418 112453	14 60 14 85	09.89- 04.96	111693	12 2.5
45-10 2.8 Diesel	[8140.23]	05.96- 05.99	112406	14 90	05.96- 05.99	111996	12 2.2
45-12 2.5 Diesel	[8140.47.2711]	06.90- 04.96 06.90- 04.96	111418 112453	14 60 14 85	06.90- 04.96	111693	12 2.5
	[8140.47.2721]	06.90- 04.96	111418	14 60	06.90- 04.96	111693	12 2.5
		06.90- 04.96	112453	14 85			
45-12 2.8 Diesel	[8140.43]	05.96- 05.99	112406	14 90	05.96- 05.99	111996	12 2.2
49-10 2.4 Diesel	[8140.21.200]	02.85- 02.85- 06.89 02.85- 06.89	110890 111418 112453	14 55 14 60 14 85	02.85- 06.89 01.85- 12.89 02.85- 06.89	111996 110814 111693	12 2.2 12 2.7 12 2.5
49-10 2.5 Diesel	[8140.27.2700] [8140.47R.2790]	01.89- 04.96 01.89- 04.96	111418 111418	14 60 14 60	01.89- 04.96 01.89- 04.97	111693 111693	12 2.5 12 2.5
49-10 2.8 Diesel	[8140.23]	05.96- 05.99	112406	14 90	05.96- 05.99	111996	12 2.2
49-11 2.8					05.99-	112441	12 2.3
49-12 2.5 Diesel	[8140.47.2711]	06.90- 04.96 06.90- 04.96	111418 112453	14 60 14 85	06.90- 04.96	111693	12 2.5
	[8140.47.2721]	06.90- 04.96 06.90- 04.96	111418 112453	14 60 14 85	06.90- 04.96	111693	12 2.5
49-12 2.8 Diesel	[8140.43]	05.96- 05.99	112406	14 90	05.96- 05.99	111996	12 2.2
50 C 11 2.8 Diesel	[8140.43C]	05.99-	112407	14 90	05.99- 05.99-	112441 115505	12 2.3 12 2.3 A49
50 C 13 2.8 Diesel	[8140.43S]	05.99-	112407	14 90	05.99- 05.99-	112441 115505	12 2.3 12 2.3 A49
50 C 14 3.0	[F1CCNG]	07.09- 07.09- 07.09-	114082 114705 115490	14 180 14 140 14 140 A49	07.09- 07.09- 07.09-	112441 115505	12 2.3 12 2.3 A49
50 C 14 3.0	[F1CE3481LC]	07.09- 07.09- 07.09-	114082 114705 115490	14 180 14 140 14 140 A49	07.09- 07.09- 07.09-	112441 115505	12 2.3 12 2.3 A49
50 C 14 3.0 Diesel	[F1CE0481A]	09.04- 04.06 09.04- 04.06	114705 115490	14 140 14 140 A49	09.04- 04.06	115505	12 2.3 A49
50 C 15 2.8 Diesel	[8140.43N]	05.01-	112407	14 90	05.01- 05.01-	112441 115505	12 2.3 12 2.3 A49
50 C 15 3.0 Diesel	[F1CE0481FA]	05.06- 05.06-	114705 115490	14 140 14 140 A49	05.06- 05.06-	112441 115505	12 2.3 12 2.3 A49
50 C 17 3.0	[F1CE0481HA]	07.09- 07.09- 07.09-	114082 114705 115490	14 180 14 140 14 140 A49	07.09- 07.09- 07.09-	112441 115505	12 2.3 12 2.3 A49
50 C 17 3.0 Diesel	[F1CE0481B]	09.04- 04.06 09.04- 04.06	114705 115490	14 140 14 140 A49	09.04- 04.06	115505	12 2.3 A49
50 C 18 3.0 Diesel	[F1CE0481HA]	05.06- 05.06-	114705 115490	14 140 14 140 A49	05.06- 05.06-	112441 115505	12 2.3 12 2.3 A49
50-11 2.8					05.99-	112441	12 2.3
55 S 17 3.0	[F1CE0481HA]	07.09- 07.09-	114705 115490	14 140 14 140 A49	07.09- 07.09-	112441 115505	12 2.3 12 2.3 A49





59-12 2.5 Diesel	[8140.47.2700]	05.91- 04.96	111418	14 60	05.91- 04.96	111693	12 2.5
		05.91- 04.96	112453	14 85			
	[8140.47.2711]	05.91- 04.96	111418	14 60	05.91- 04.96	111693	12 2.5
		05.91- 04.96	112453	14 85			
59-12 2.8 Diesel	[8140.43]	05.96- 05.99	112406	14 90	05.96- 05.99	111996	12 2.2
60 C 14 3.0	[F1CE3481LC]	07.09-	114082	14 180	07.09-	112441	12 2.3
					07.09-	115505	12 2.3 A49
60 C 15 3.0 Diesel	[F1CE0481HC]	05.06-	114705	14 140	05.06-	112441	12 2.3
		05.06-	115490	14 140 A49	05.06-	115505	12 2.3 A49
60 C 17 3.0	[F1CE0481HA]	07.09-	114705	14 140	07.09-	112441	12 2.3
		07.09-	115490	14 140 A49	07.09-	115505	12 2.3 A49
60 C 18 3.0 Diesel	[F1CE0481HC]	05.06-	114705	14 140	05.06-	115505	12 2.3 A49
		05.06-	115490	14 140 A49	05.06-	112441	12 2.3
65 C 14 3.0	[F1CCNG]	07.09-	114082	14 180	07.09-	112441	12 2.3
		07.09-	114705	14 140	07.09-	115505	12 2.3 A49
		07.09-	115490	14 140 A49			
65 C 14 3.0	[F1CE3481LC]	07.09-	114082	14 180			
		07.09-	114705	14 140			
		07.09-	115490	14 140 A49			
65 C 14 3.0 Diesel	[F1CE0481A]	09.04- 04.06	114705	14 140	09.04- 04.06	115505	12 2.3 A49
		09.04- 04.06	115490	14 140 A49			
65 C 15 2.8 Diesel	[8140.43N]	11.01-	112407	14 90	11.01-	112441	12 2.3
					11.01- 09.04	115505	12 2.3 A49
65 C 15 3.0 Diesel	[F1CE0481HC]	05.06-	114705	14 140	05.06-	112441	12 2.3
		05.06-	115490	14 140 A49	05.06-	115505	12 2.3 A49
65 C 17 3.0	[F1CE0481HA]	07.09-	114082	14 180	07.09-	112441	12 2.3
		07.09-	114705	14 140	07.09-	115505	12 2.3 A49
		07.09-	115490	14 140 A49			
65 C 17 3.0 Diesel	[F1CE0481B]	09.04- 04.06	114705	14 140	09.04- 04.06	115505	12 2.3 A49
		09.04- 04.06	115490	14 140 A49			
65 C 18 3.0 Diesel	[F1CE0481HC]	05.06-	114705	14 140	05.06-	112441	12 2.3
		05.06-	115490	14 140 A49	05.06-	115505	12 2.3 A49
70 C 14 3.0	[F1CE3481LC]	07.09-	114082	14 180	07.09-	115505	12 2.3 A49
		07.09-	114705	14 140	07.09-	112441	12 2.3
		07.09-	115490	14 140 A49			
70 C 17 3.0	[F1CE0481HA]	07.09-	114082	14 180			
Daily V 2.3	[F1AE3481A]	09.11-	113279	14 110	09.11-	112441	12 2.3
		09.11-	114765	14 140	09.11-	115505	12 2.3 A49
	[F1AE3481B]	09.11-	113279	14 110	09.11-	112441	12 2.3
		09.11-	114705	14 140	09.11-	115505	12 2.3 A49
		09.11-	114765	14 140			
		09.11-	115490	14 140 A49			
	[F1AE3481C]	09.11-	113279	14 110	09.11-	112441	12 2.3
		09.11-	114765	14 140	09.11-	115505	12 2.3 A49
Daily V 3.0	[F1CE3481C]	09.11-	114705	14 140	09.11-	112441	12 2.3
		09.11-	115490	14 140 A49	09.11-	115505	12 2.3 A49
	[F1CE3481C,F1CE3481K]	09.11-	114705	14 140	09.11-	112441	12 2.3
		09.11-	115490	14 140 A49	09.11-	115505	12 2.3 A49
	[F1CE3481D]				09.11-	112441	12 2.3
					09.11-	115505	12 2.3 A49
	[F1CE3481J]	09.11-	113279	14 110	09.11-	112441	12 2.3
		09.11-	114705	14 140	09.11-	115505	12 2.3 A49
		09.11-	114765	14 140			
		09.11-	115490	14 140 A49			
	[F1CE3481J,F1CE3481L]	09.11-	113279	14 110	09.11-	112441	12 2.3
		09.11-	114705	14 140	09.11-	115505	12 2.3 A49
		09.11-	114765	14 140			
		09.11-	115490	14 140 A49			
Massif 3.0 HPI	[F1CE0481F]	10.08-	114705	14 140	10.08-	112441	12 2.3
		10.08-	115490	14 140 A49	10.08-	115505	12 2.3 A49
Massif 3.0 HPI Single Cab	[F1CE0481F]	10.08-	114705	14 140	10.08-	112441	12 2.3
		10.08-	115490	14 140 A49	10.08-	115505	12 2.3 A49
Massif 3.0 HPT	[F1CE0481F]	10.08-	114705	14 140	10.08-	112441	12 2.3
		10.08-	115490	14 140 A49	10.08-	115505	12 2.3 A49
Massif 3.0 HPT Single Cab	[F1CE0481F]	10.08-	114705	14 140	10.08-	112441	12 2.3
		10.08-	115490	14 140 A49	10.08-	115505	12 2.3 A49
<b>TRUCKS EU</b>							
440 S 42 10.3	(Stralis)[F3A3681B]				07.06-	113984	24 5.0
	[F3AE3681B]				07.06-	113984	24 5.0
100 E 15 6.0	(EuroCargo)[8060.25R.4200LTC]	01.91-	111419	28 55	01.00-	113277	24 4.0
		01.91- 08.00	111987	28 55	01.91- 08.00	110518	24 4.0
		01.91- 08.00	112076	28 80			
		01.91- 08.00	112097	28 30			
	[8060.45R.5000]	01.91-	111419	28 55	01.91-	110518	24 4.0
		01.91- 08.00	111987	28 55	01.00-	113277	24 4.0
		01.91- 08.00	112076	28 80			
		01.91- 08.00	112097	28 30			
	[8060.45R.5001]	01.91-	111419	28 55	01.91-	110518	24 4.0
		01.91- 08.00	111987	28 55	01.00-	113277	24 4.0
		01.91- 08.00	112076	28 80			
		01.91- 08.00	112097	28 30			
	[8060.45R.5003]	01.91-	111419	28 55	01.00-	113277	24 4.0
		01.91- 08.00	111987	28 55	01.91-	110518	24 4.0
		01.91- 08.00	112076	28 80			
		01.91- 08.00	112097	28 30			
	[8060.45R.5005]	01.91-	111419	28 55	01.00-	113277	24 4.0
		01.91- 08.00	111987	28 55	01.91-	110518	24 4.0
		01.91- 08.00	112076	28 80			
		01.91- 08.00	112097	28 30			

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





**IVECO** Continued

100 E 17 3.9	(Tector)[F4AE0481A]	09.00-	113188	28 70	09.00-	112498	24	4.0	
		09.00-	114296	28 90					
		09.00-	115484	28 70 A49					
		09.00-	115489	28 90 A49					
		09.00-	115484	28 70 A49					
[F4AE0481B]	09.00-	115484	28 70 A49						
	09.00-	115489	28 90 A49						
	09.00-	115489	28 90 A49						
100 E 18 3.9	(Tector)[F4AE3481B]	09.06-	114296	28 90					
		09.06-	115484	28 70 A49					
		09.06-	115489	28 90 A49					
100 E 18 5.9	(Tector)[F4AE0681E]	09.00-	113188	28 70	09.00-	112498	24	4.0	
		09.00-	114296	28 90					
		09.00-	115484	28 70 A49					
		09.00-	115489	28 90 A49					
		09.00-	115484	28 70 A49					
[F4AE3681C]	09.00-	115484	28 70 A49						
	09.00-	115489	28 90 A49						
	09.00-	115489	28 90 A49						
100 E 18 6.0	(EuroCargo)[8060.25V.4000]	01.91-	111419	28 55	01.00-	113277	24	4.0	
		01.91- 11.00	111987	28 55					
		01.91- 11.00	112097	28 30					
	[8060.25V.4000TC]	01.91-	111419	28 55	01.91- 11.00	110518	24	4.0	
		01.91- 11.00	111987	28 55					
		01.91- 11.00	112097	28 30					
01.91-	111419	28 55	01.00-	113277	24	4.0			
100 E 21 5.9	(Tector)[F4AE0681D]	09.00-	113188	28 70	09.00-	112498	24	4.0	
		09.00-	114296	28 90					
		09.00-	115484	28 70 A49					
		09.00-	115489	28 90 A49					
		09.00-	115489	28 90 A49					
100 E 21 6.0	(EuroCargo)[8060.45.4100TCA]	01.91-	111419	28 55	01.00-	113277	24	4.0	
		01.91- 11.00	111987	28 55					
		01.91- 11.00	112097	28 30					
	[8060.45.4180TCA]	01.91- 11.00	111987	28 55	01.91- 11.00	110518	24	4.0	
		01.91- 11.00	112097	28 30					
01.91-	111419	28 55	01.00-	113277	24	4.0			
100 E 22 5.9	(Tector)[F4AE3681B]	09.06-	114296	28 90					
		09.06-	115484	28 70 A49					
		09.06-	115489	28 90 A49					
		09.06-	115489	28 90 A49					
109-14 5.5	(Zeta)[8060.04.689]	06.83- 12.85	111142		06.83- 12.85	110521	24	4.0	
									06.83- 12.85
109-14 5.9	(Zeta)[8060.05.289]	11.85- 03.91	111142		11.85- 03.91	110521	24	4.0	
					11.85- 03.91	113183	24	4.0	
110 E 18 3.9	(Tector)[F4AE3481A]	09.06-	114296	28 90					
		09.06-	115484	28 70 A49					
		09.06-	115489	28 90 A49					
110 E 22 5.9	(Tector)[F4AE3681B]	05.06-	114296	28 90					
		05.06-	115484	28 70 A49					
		05.06-	115489	28 90 A49					
110 E 25 5.9	(Tector)[F4AE3681D]	05.06-	114296	28 90					
		05.06-	115484	28 70 A49					
		05.06-	115489	28 90 A49					
110-17 AW 6.1	[BF6L913]	03.86- 02.88	110766	28 27					
		03.86- 12.91	113470	28 35					
120 E 15 6.0	(EuroCargo)[8060.25R.4280LTC]	12.91- 07.00	111987	28 55	12.91- 07.00	110518	24	4.0	
		12.91- 07.00	112097	28 30					
	[8060.25R4200]	09.91-	111419	28 55	12.91- 07.00	110518	24	4.0	
		09.91- 07.00	111987	28 55					
12.91- 07.00	112097	28 30	01.00-	113277	24	4.0			
120 E 18 3.9	(Tector)[F4AE3481A]	09.06-	114296	28 90					
		09.06-	115484	28 70 A49					
		09.06-	115489	28 90 A49					
		09.06-	115489	28 90 A49					
120 E 18 5.9	(Tector)[F4AE0681E]	09.00-	113188	28 70	09.00-	112498	24	4.0	
		09.00- 08.03	114296	28 90					
		09.00- 08.03	115484	28 70 A49					
		09.00- 08.03	115489	28 90 A49					
120 E 18 6.0	(EuroCargo)[8060.25V.4080]	09.91- 07.00	111987	28 55	01.92- 07.00	110518	24	4.0	
		09.91- 07.00	112097	28 30					
	[8060.25V.4080TC]	01.92- 07.00	111987	28 55	01.92- 07.00	110518	24	4.0	
		01.92- 07.00	112097	28 30					
01.92-	111419	28 55	01.00-	113277	24	4.0			
120 E 21 5.9	(Tector)[F4AE0681C]	09.00-	115484	28 70 A49					
		09.00-	115489	28 90 A49					
	[F4AE0681D]	09.00-	114296	28 90					
		09.00-	115484	28 70 A49					
	[F4AE3681B]	09.00-	115489	28 90 A49					
		09.00-	114296	28 90					
	09.00-	115484	28 70 A49						
		09.00-	115489	28 90 A49					
	120 E 22 5.9	(Tector)[F4AE3681B]	09.06-	114296	28 90				
			09.06-	115484	28 70 A49				
			09.06-	115489	28 90 A49				
	120 E 23 6.0	(EuroCargo)[8060.45.6090]	09.91-	111987	28 55	01.92- 08.00	110518	24	4.0
01.92- 08.00			112097	28 30					
[8060.45S.6800]		01.92- 08.00	112097	28 30	01.92- 08.00	110518	24	4.0	
		01.92- 08.00	112097	28 30					
01.92-	111419	28 55	01.00-	113277	24	4.0			
120 E 24 5.9	(Tector)[F4AE0681B]	09.00-	113188	28 70	09.00-	112498	24	4.0	
		09.00-	114296	28 90					
		09.00-	115484	28 70 A49					
		09.00-	115489	28 90 A49					
		09.00-	115489	28 90 A49					
120 E 25 5.9	(Tector)[F4AE3681D]	09.06-	114296	28 90					
		09.06-	115484	28 70 A49					
		09.06-	115489	28 90 A49					



120 E 28 5.9	(Tector)[F4AE0681A]	09.00- 09.00- 09.00- 09.00-	113188 114296 115484 115489	28 70 28 90 28 70 A49 28 90 A49	09.00-	112498	24 4.0
120 EL 17 3.9	(Tector)[F4AE0481A]	09.00- 09.00- 09.00-	114296 115484 115489	28 90 28 70 A49 28 90 A49			
120 EL 21 5.9	(Tector)[F4AE0681B]	09.00- 09.00-	115484 115489	28 70 A49 28 90 A49			
	[F4AE0681C]	09.00- 09.00-	115484 115489	28 70 A49 28 90 A49			
	[F4AE0681D]	09.00- 09.00- 09.00- 09.00-	113188 114296 115484 115489	28 70 28 90 28 70 A49 28 90 A49			
120-13 ANW 6.1	[BF6L913T]	03.88- 09.90	113470	28 35			
120-16 ANW 6.1	[BF6L913]	03.88- 11.89	113470	28 35			
120-17 ANW 6.1	[BF6L913/U]	07.89- 09.90	113470	28 35			
130 E 15 6.0	(EuroCargo)[8060.25R.4280LTC]	11.91- 11.91- 07.00 11.91- 07.00	111419 111987 112097	28 55 28 55 28 30	01.00- 01.94- 07.00	113277 110518	24 4.0 24 4.0
	(Tector)[F4AE3481A]	09.06- 09.06- 09.06-	114296 115484 115489	28 90 28 70 A49 28 90 A49			
	(Tector)[F4AE0681D]	09.00- 08.03 09.00- 08.03	115484 115489	28 70 A49 28 90 A49			
130 E 18 5.9	[F4AE0681E]	09.00- 09.00- 08.03 09.00- 08.03 09.00- 08.03	113188 114296 115484 115489	28 70 28 90 28 70 A49 28 90 A49	09.00-	112498	24 4.0
	(EuroCargo)[8060.25V.4080TC]	11.91- 07.00 01.92- 01.92- 07.00	111987 111419 112097	28 55 28 55 28 30	01.00- 01.92- 07.00	113277 110518	24 4.0 24 4.0
	(Tector)[F4AE0681D]	09.00- 09.00- 09.00-	114296 115484 115489	28 90 28 70 A49 28 90 A49			
	(EuroCargo)[8060.45.6090]	11.91- 01.92- 07.00 01.92- 07.00	111987 112097 112097	28 55 28 30 28 30	01.00- 01.91- 01.00- 01.92-	113277 110518 113277 110518	24 4.0 24 4.0 24 4.0 24 4.0
130 E 24 5.9	(Tector)[F4AE0681B]	09.00- 09.00- 09.00- 09.00-	113188 114296 115484 115489	28 70 28 90 28 70 A49 28 90 A49	09.00-	112498	24 4.0
130 E 25 5.9	(Tector)[F4AE3681D]	09.06- 09.06- 09.06-	114296 115484 115489	28 90 28 70 A49 28 90 A49			
130 E 28 5.9	(Tector)[F4AE0681A]	09.00- 09.00- 09.00- 09.00-	113188 114296 115484 115489	28 70 28 90 28 70 A49 28 90 A49	09.00-	112498	24 4.0
130-16 A 6.1	[BF6L913]	03.86- 10.91	113470	28 35			
135 E 18 6.0	(EuroCargo)[8060.25VTC]	01.94- 07.00 01.94- 07.00	111987 112076	28 55 28 80	01.93-	113277	24 4.0
	(EuroCargo)[8060.45STCA]				01.00-	113277	24 4.0
140 E 18 3.9	(Tector)[F4AE3481A]	09.06- 09.06- 09.06-	114296 115484 115489	28 90 28 70 A49 28 90 A49			
140 E 18 5.9	(Tector)[F4AE0681E]	09.00- 09.00- 09.00- 09.00-	113188 114296 115484 115489	28 70 28 90 28 70 A49 28 90 A49	09.00-	112498	24 4.0
140 E 21 5.9	(Tector)[F4AE0681D]	05.05- 05.05- 05.05-	114296 115484 115489	28 90 28 70 A49 28 90 A49			
140 E 22 5.9	(Tector)[F4AE3681B]	09.06- 09.06- 09.06-	114296 115484 115489	28 90 28 70 A49 28 90 A49			
140 E 24 5.9	(Tector)[F4AE0681B]	09.00- 09.00- 09.00- 09.00-	113188 114296 115484 115489	28 70 28 90 28 70 A49 28 90 A49	09.00-	112498	24 4.0
140 E 25 5.9	(Tector)[F4AE3681D]	09.06- 09.06- 09.06-	114296 115484 115489	28 90 28 70 A49 28 90 A49			
140 E 28 5.9	(Tector)[F4AE0681A]	09.06- 09.06- 09.06-	114296 115484 115489	28 90 28 70 A49 28 90 A49			
	[F4AE3681E]	09.06- 09.06- 09.06-	114296 115484 115489	28 90 28 70 A49 28 90 A49			
150 E 15 6.0	(EuroCargo)[8060.25R.4280LTC]	01.92- 12.96 01.92- 12.96 01.92- 12.96	111419 111987 112097	28 55 28 55 28 30	01.00- 01.92- 07.00	113277 110518	24 4.0 24 4.0
	(Tector)[F4AE3481A]	09.06- 09.06- 09.06-	114296 115484 115489	28 90 28 70 A49 28 90 A49			

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



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150 E 18 5.9	(Tector)[F4AE0681E]	09.00-	111419	28 55	09.00-	112498	24	4.0
		09.00-	113188	28 70				
		09.00- 08.03	114296	28 90				
		09.00- 08.03	115484	28 70 A49				
		09.00- 08.03	115489	28 90 A49				
150 E 18 6.0	(EuroCargo)[8060.25V.4000TC]	01.92-	111419	28 55	01.92- 07.00	110518	24	4.0
		01.92- 07.00	111987	28 55	01.00-	113277	24	4.0
		01.92- 07.00	112097	28 30				
	[8060.25V.4080TC]	09.91- 07.00	111987	28 55	01.92- 07.00	110518	24	4.0
		01.92-	111419	28 55	01.00-	113277	24	4.0
01.92- 07.00		112097	28 30					
150 E 21 5.9	(Tector)[F4AE0681D]	09.00-	114296	28 90				
		09.00-	115484	28 70 A49				
		09.00-	115489	28 90 A49				
150 E 22 5.9	(Tector)[F4AE3681B]	09.06-	114296	28 90				
		09.06-	115484	28 70 A49				
		09.06-	115489	28 90 A49				
150 E 23 6.0	(EuroCargo)[8060.45.6090]	09.91-	111987	28 55	01.92- 07.00	110518	24	4.0
		10.91- 07.00	112097	28 30	01.00-	113277	24	4.0
		01.92-	111419	28 55				
	[8060.45S.6800TCA]	01.92- 07.00	112097	28 30	01.92- 07.00	110518	24	4.0
					01.00-	113277	24	4.0
150 E 24 5.9	(Tector)[F4AE0681B]	09.00-	113188	28 70	09.00-	112498	24	4.0
		09.00-	114296	28 90				
		09.00-	115484	28 70 A49				
		09.00-	115489	28 90 A49				
150 E 25 5.9	(EuroCargo)[F4AE3681D]	09.06-	113188	28 70				
		09.06-	114296	28 90				
		09.06-	115484	28 70 A49				
		09.06-	115489	28 90 A49				
	(Tector)[F4AE3681D]	09.06-	114296	28 90				
09.06-		115484	28 70 A49					
09.06-		115489	28 90 A49					
150 E 27 7.7	(EuroCargo)[8360.46.417TCA]	09.91- 07.00	111987	28 55				
		09.91- 07.00	112076	28 80				
150 E 28 5.9	(EuroCargo)[F4AE3681E]	09.06-	113188	28 70				
		09.06-	114296	28 90				
		09.06-	115484	28 70 A49				
		09.06-	115489	28 90 A49				
	(Tector)[F4AE0681A]	09.00-	113188	28 70	09.00-	112498	24	4.0
09.00-		114296	28 90					
09.00-		115484	28 70 A49					
09.00-		115489	28 90 A49					
[F4AE3681E]		09.06-	114296	28 90				
	09.06-	115484	28 70 A49					
	09.06-	115489	28 90 A49					
150 E 30 5.9	(Tector)[F4AE0681A]	09.06-	114296	28 90				
		09.06-	115484	28 70 A49				
		09.06-	115489	28 90 A49				
	[F4AE3681A]	09.06-	114296	28 90				
		09.06-	115484	28 70 A49				
150-16 AN 6.1	[BF6L913]	03.88- 12.91	113470	28 35				
160 E 18 3.9	(Tector)[F4AE3481A]	09.06-	114296	28 90				
		09.06-	115484	28 70 A49				
		09.06-	115489	28 90 A49				
160 E 21 5.9	(Tector)[F4AE0681D]	09.00-	114296	28 90				
		09.00-	115484	28 70 A49				
		09.00-	115489	28 90 A49				
	[F4AE3681E]	09.00-	114296	28 90				
		09.00-	115484	28 70 A49				
160 E 22 5.9	(Tector)[F4AE3681B]	09.06-	114296	28 90				
160 E 24 5.9	(Tector)[F4AE0681B]	09.06-	115484	28 70 A49				
		09.06-	115489	28 90 A49				
		09.00-	114296	28 90				
160 E 25 5.9	(Tector)[F4AE3681D]	09.06-	114296	28 90				
		09.06-	115484	28 70 A49				
		09.06-	115489	28 90 A49				
160 E 28 5.9	(Tector)[F4AE0681A]	09.00-	114296	28 90				
		09.00-	115484	28 70 A49				
		09.00-	115489	28 90 A49				
	[F4AE3681E]	09.06-	114296	28 90				
		09.06-	115484	28 70 A49				
160 E 30 5.9	(Tector)[F4AE0681A]	09.06-	114296	28 90				
160 E 30 5.9	(Tector)[F4AE0681A]	09.06-	115484	28 70 A49				
		09.06-	115489	28 90 A49				
		09.06-	114296	28 90				
	[F4AE3681A]	09.06-	114296	28 90				
		09.06-	115484	28 70 A49				
160-17 AN 6.1	[BF6L913/U]	07.89- 07.96	113470	28 35				
170 E 18 5.8	(EuroCargo)[8060.25VTC]	01.94- 07.00	111987	28 55	01.00-	113277	24	4.0
		01.94- 07.00	112076	28 80				
170 E 23 5.8	(EuroCargo)[8060.45STCA]	01.94-	111987	28 55	01.94-	110518	24	4.0
		01.94-	112076	28 80	01.00-	113277	24	4.0
		01.94-	112097	28 30				



170 E 27 7.7	(EuroCargo)[8360.46.417TCA]	01.94- 01.94- 01.94-	111987 112076 112302	28 55 28 80 28 120	01.94-	114446	24 5.4
170-23 ANW 13.4	[F8L513]	01.91- 07.96	113470	28 35			
175-17 5.9	[8060.25.60.]	09.86- 07.92	111419	28 55	09.86- 07.92	113277	24 4.0
180 E 18 5.8	(EuroCargo)[8060.25VTC]	01.94- 01.94- 01.94- 01.94-	111419 111987 112076 112097	28 55 28 55 28 80 28 30	01.94- 01.94-	113277 110518	24 4.0 24 4.0
180 E 21 5.9	(Tector)[F4AE0681D]	09.00- 09.00- 08.03 09.00- 08.03 09.00- 08.03	113188 114296 115484 115489	28 70 28 90 28 70 A49 28 90 A49	09.00-	112498	24 4.0
180 E 21 6.0	(EuroCargo)[8060.45.4100TCA]	01.91- 04.92- 07.00 04.92- 07.00	111419 111987 112097	28 55 28 55 28 30	04.92- 07.00 01.00-	110518 113277	24 4.0 24 4.0
180 E 22 5.9	(Tector)[F4AE3681B]	09.06- 09.06- 09.06-	114296 115484 115489	28 90 28 70 A49 28 90 A49			
180 E 23 5.8	(EuroCargo)[8060.45STCA]	01.94- 01.94- 01.94- 01.94-	111419 111987 112076 112097	28 55 28 55 28 80 28 30	01.94-	110518	24 4.0
180 E 24 5.9	(Tector)[F4AE0681B]	09.00- 09.00- 08.03 09.00- 08.03 09.00- 08.03	113188 114296 115484 115489	28 70 28 90 28 70 A49 28 90 A49	09.00-	112498	24 4.0
180 E 24 7.7	(EuroTech)[8360.46R.416TCA]	01.92- 12.96 07.92- 07.00 07.92- 07.00	112302 111987 112076	28 120 28 55 28 80			
180 E 24 7.8	(Cursor)[F2BE0681D]	09.99- 11.04	113923	28 90	09.99- 11.04	112822	24 4.5
180 E 25 5.9	(Tector)[F4AE3681D]	09.06- 09.06- 09.06-	114296 115484 115489	28 90 28 70 A49 28 90 A49			
180 E 25 9.5	(EuroTrakker)[8460.41T]	05.99- 11.04 05.99- 11.04	111987 112076	28 55 28 80	05.99- 11.04	110582	24 5.4
180 E 27 7.7	(EuroCargo)[8360.46.417TCA]	01.94- 01.94- 01.94-	111987 112076 112302	28 55 28 80 28 120	01.94-	114446	24 5.4
	(EuroTech)[8360.46.417TCA]	01.92- 12.96 07.92- 07.00 07.92- 07.00	112302 111987 112076	28 120 28 55 28 80			
180 E 28 5.9	(Tector)[F4AE0681A]	09.00- 09.00- 09.00- 09.00-	113188 114296 115484 115489	28 70 28 90 28 70 A49 28 90 A49	09.00-	112498	24 4.0
	[F4AE3681E]	09.00- 09.00-	115484 115489	28 70 A49 28 90 A49			
180 E 30 3.9	(Tector)[F4AE3481C]	09.06- 09.06- 09.06-	114296 115484 115489	28 90 28 70 A49 28 90 A49			
180 E 30 5.9	(Tector)[F4AE0681A]	08.06- 08.06- 08.06-	114296 115484 115489	28 90 28 70 A49 28 90 A49			
	[F4AE3681A]	08.06- 08.06- 08.06-	114296 115484 115489	28 90 28 70 A49 28 90 A49			
180 E 30 9.5	(EuroTech)[8460.41C.320]	07.92- 07.00 07.92- 07.00	111987 112076	28 55 28 80	07.92- 12.96	110582	24 5.4
180 E 34 9.5	(EuroTech)[8460.41K.406]	04.92- 07.00 04.92- 07.00	111987 112076	28 55 28 80	04.92- 12.93	110582	24 5.4
180 E 38 9.5	(EuroTech)[8460.41L.5020]	02.92- 12.93	111987	28 55	09.92- 12.93	110582	24 5.4
180 E 42 14.0	(EuroTech)[8210.42L.400]	04.92- 12.93	111987	28 55			
180 T 27 7.8	(Trakker)[F2BE0681F]	06.05-	113923	28 90			
180-23 AH 13.4	[F8L513]	07.91- 07.00 07.91- 12.91	112747 113470	28 55 28 35			
180-23 AHW 13.4	[F8L513]	07.91- 07.00 07.91- 12.91	112747 113470	28 55 28 35			
180-25 AH 13.4	[F8L513]	07.91- 07.00 07.91- 12.91	112747 113470	28 55 28 35			
180-25 AHW 12.9	[BF8L513]	07.91- 07.00	113470	28 35			
180-25 AHW 13.4	[F8L513]	07.91- 07.00 07.91- 12.91	112747 113470	28 55 28 35			
180-34 AH 12.9	[BF8L513]	07.91- 07.00	112747	28 55			
190 E 24 7.7	(EuroTech)[8360.46R.416TCA]	01.97- 08.98 01.97- 08.98 01.97- 08.98	111987 112076 112302	28 55 28 80 28 120			
190 E 24 7.8	(Cursor)[F2BE0681D]	09.98-	113923	28 90	09.98- 11.04	112822	24 4.5
190 E 25 5.9	(Tector)[F4AE3681D]	05.08- 05.08- 05.08-	114296 115484 115489	28 90 28 70 A49 28 90 A49			
190 E 27 7.7	(EuroTech)[8360.46.417TCA]	07.92- 07.00 07.92- 07.00 01.97- 08.98	111987 112076 112302	28 55 28 80 28 120			
190 E 27 7.8	(Cursor)[F2BE0681C]	09.98-	113923	28 90	09.98-	112822	24 4.5
	[F2BE0681F]	09.98-	113923	28 90	09.98-	112822	24 4.5
190 E 28 5.9	(Tector)[F4AE3681E]	05.08- 05.08- 05.08-	114296 115484 115489	28 90 28 70 A49 28 90 A49			

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



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190 E 30 5.9	(Tector)[F4AE3681A]	05.08-	114296	28 90			
		05.08-	115484	28 70	A49		
		05.08-	115489	28 90	A49		
190 E 30 9.5	(EuroTech)[8460.41C.320]	07.92- 07.00	111987	28 55		01.97- 08.98	110582 24 5.4
		07.92- 07.00	112076	28 80			
	(EuroTrakker)[8460.41C]	01.93- 11.04	111987	28 55		01.93- 07.00	110582 24 5.4
		01.93- 11.04	112076	28 80			
	[8460.41C.]	11.99- 11.04	111987	28 55		11.99- 11.04	110582 24 5.4
		11.99- 11.04	112076	28 80			
190 E 31 7.8	(Cursor)[F2BE0681B]	09.98- 11.04	113923	28 90		09.98- 11.04	112822 24 4.5
190 E 34 9.5	(EuroTech)[8460.41K.406]	04.92- 07.00	111987	28 55		01.93- 07.00	110582 24 5.4
		04.92- 07.00	112076	28 80			
	(EuroTrakker)[8460.41K]	01.93- 11.04	111987	28 55		01.93- 07.00	110582 24 5.4
		01.93- 11.04	112076	28 80			
	[8460.41K.TCA]	11.99- 11.04	111987	28 55		11.99- 11.04	110582 24 5.4
		11.99- 11.04	112076	28 80			
190 E 35 7.8	(Cursor)[F2BE0681A]	09.98- 11.04	113923	28 90		09.98- 11.04	112822 24 4.5
190 E 37 13.8	(EuroTrakker)[8210.42K(TCA)]	11.99- 11.04	111987	28 55		11.99- 11.04	110532 24 6.6
		11.99- 11.04	112076	28 80			
190 E 37 14.0	(EuroTrakker)[8210.42K]	04.93- 11.00	111987	28 55			
190 E 38 12.9	(Cursor)[F3BE0681G]	08.00-	112427	28 90		08.05-	113984 24 5.0
						01.01- 11.04	112823 24 5.5
190 E 38 9.5	(EuroStar)[8460.41LTCA]	01.93- 07.00	111987	28 55		01.93- 07.00	110582 24 5.4
	(EuroTech)[8460.41LTCA]	01.93- 07.00	111987	28 55		01.93- 07.00	110582 24 5.4
190 E 39 10.3	(EuroStar)[F3AE0681E]	11.99- 02.02	112427	28 90		11.99- 02.02	112823 24 5.5
	(EuroTech)[F3AE0681E]	11.99-	112427	28 90		08.05-	113984 24 5.0
190 E 40 10.3	(EuroStar)[F3AE0681B]	09.00- 02.02	112427	28 90		09.00- 02.02	112823 24 5.5
	(EuroTech)[F3AE0681B]	01.01-	112423			01.01-	112823 24 5.5
190 E 42 13.8	(EuroTrakker)[8210.42L(TCA)]	11.99- 11.04	111987	28 55		11.99- 11.04	110213 24 6.6
		11.99- 11.04	112076	28 80		11.99- 11.04	110532 24 6.6
190 E 42 14.0	(EuroStar)[8210.42L.400]	01.95- 07.00	111987	28 55			
	(EuroTech)[8210.42L.400]	01.93- 07.00	111987	28 55			
	(EuroTrakker)[8210.42L]	01.95- 07.00	111987	28 55			
190 E 43 10.3	(EuroStar)[F3AE0681D]	08.00- 08.03	112427	28 90		08.05-	113984 24 5.0
	(EuroTech)[F3AE0681D]	01.01- 08.03	112427	28 90		01.01-	112823 24 5.5
						08.05-	113984 24 5.0
190 E 44 12.9	(Cursor)[F3BE0681C]	08.00-	112427	28 90		08.05-	113984 24 5.0
190 E 47 14.0	(EuroStar)[8210.42M.TCA]	01.93- 02.02	111987	28 55		01.93- 02.02	110532 24 6.6
		01.93- 02.02	112076	28 80			
190 E 52 17.2	(EuroStar)[8280.42S.TCA]	01.93- 11.00	111987	28 55		04.92- 11.00	110532 24 6.6
190 S 27 7.8	(Stralis)[F2BE0681C]	05.05-	113923	28 90			
	[F2BE0681F]	04.04-	113923	28 90			
190 S 30 7.8	(Stralis)[F2BE0681E]	04.04-	113923	28 90			
190 S 31 7.8	(Stralis)[F2BE0681B]	06.03-	113923	28 90		06.03-	112822 24 4.5
		[F2BE0681C]	06.03-	113923	28 90		
	[F2BE0681E]	06.03-	113923	28 90			
	[F2BE3681C]	04.04-	113923	28 90			
190 S 33 7.8	(Stralis)[F2BE3681B]	12.06-	113923	28 90			
190 S 35 7.8	(Stralis)[F2BE0681A]	06.03-	113923	28 90		06.03-	112822 24 4.5
190 S 36 7.8	(Stralis)[F2BE3681A]	05.07-	113923	28 90			
190 S 40 10.3	(Stralis)[F3AE0681B]	02.02-	112427	28 90		08.05-	113984 24 5.0
190 S 42 10.3	(Stralis)[F3AE3681B]					12.06-	113984 24 5.0
190 S 43 10.3	(Stralis)[F3AE0681D]	02.02-	112427	28 90		08.05-	113984 24 5.0
190 S 45 10.3	(Stralis)[F3A3681A]					12.06-	113984 24 5.0
190 S 48 12.9	(Stralis)[F3BE0681E]	02.02-	112427	28 90		08.05-	113984 24 5.0
190 S 50 12.9	(Stralis)[F3B3681B]					12.06-	113984 24 5.0
190 T 27 7.8	(Trakker)[F2BE0681F]	06.05-	113923	28 90			
190 T 31 7.8	(Trakker)[F2BE0681B]	10.04-	113923	28 90			
190 T 33 7.8	(Trakker)[F2BE3681B]	03.06-	113923	28 90			
190 T 35 7.8	(Trakker)[F2BE0681A]	10.04-	113923	28 90			
190 T 38 12.9	(Trakker)[F3BE0681G]	10.04-	112427	28 90		10.04-	113984 24 5.0
190 T 41 12.9	(Trakker)[F3BE3681D]					03.06-	113984 24 5.0
190 T 44 12.9	(Trakker)[F3B3681G]					06.05-	113984 24 5.0
		10.04-	112427	28 90		10.04-	113984 24 5.0
190-25 AN.. 12.8	[F8L413F]	07.83- 09.90	110117	28 35			
190-26 9.5	(TurboTech)[8460.21.102]	09.86- 09.94	111142			09.86- 09.94	110582 24 5.4
190-30 AHW 12.8	[BF8L513]	09.87- 01.97	110766	28 27			
190-30 H 13.8	[8210..]	09.87- 09.99	112097	28 30			
190-30 N 13.8	[8210..]	09.87- 09.99	112097	28 30			
190-32 9.5	(TurboTech)[8460.41.102]	10.88- 01.98	111142			10.88- 01.98	110582 24 5.4
190-33 13.8	(TurboStar)[8210.22.105]	07.84- 05.87	111419	28 55		07.84- 05.87	110213 24 6.6
		07.87- 06.90	111419	28 55		07.87- 06.90	110213 24 6.6
			07.87- 06.90	111987	28 55		
190-36 13.8	(TurboStar)[8210.42.101]	07.87- 06.90	111419	28 55		07.87- 06.90	110213 24 6.6
		[8210.42.152]	07.90- 12.93	111419	28 55		07.90- 12.93
			07.90- 12.93	111987	28 55		
			07.90- 12.93	112076	28 80		
	[8210.42.154]	07.90- 12.93	112076	28 80		07.90- 12.93	110213 24 6.6
	[8210.42.162]	07.90- 12.93	111419	28 55		07.90- 12.93	110213 24 6.6
			07.90- 12.93	111987	28 55		
			07.90- 12.93	112076	28 80		
	[8210.42.181]	07.90- 11.98	112076	28 80		07.90- 11.98	110213 24 6.6
	[8210.42.182]	07.90- 11.98	112076	28 80		07.90- 11.98	110213 24 6.6
	[8210.42.191]	07.90- 11.98	112076	28 80		07.90- 11.98	110213 24 6.6
	(TurboTech)[8210.42.151]		01.90- 12.92	111419	28 55		01.90- 12.92
		01.90- 12.92	111987	28 55			
		01.90- 12.92	112076	28 80			



	[8210.42.161]	01.90- 12.92	111419	28 55		01.90- 12.92	110213	24 6.6
		01.90- 12.92	111987	28 55				
		01.90- 12.92	112076	28 80				
	[8210.42.171]	01.90- 12.92	111419	28 55		01.90- 12.92	110213	24 6.6
		01.90- 12.92	111987	28 55				
		01.90- 12.92	112076	28 80				
190-42 17.2	(TurboStar)[8280.22.201]	07.84- 09.86	111419	28 55		07.84- 09.86	110532	24 6.6
	[8280.22.205]	07.84- 09.86	111419	28 55		07.84- 09.86	110532	24 6.6
190-48 17.2	(TurboStar)[8280.42.001]	03.89- 12.93	111419	28 55		03.89- 12.93	110532	24 6.6
	[8280.42.050]	11.91- 11.00	111419	28 55		11.91- 11.00	110532	24 6.6
		11.91- 11.00	112076	28 80				
220-36 13.8	(TurboTech)[8210.42.152]	01.90- 12.92	111419	28 55		01.90- 12.92	110213	24 6.6
		01.90- 12.92	111987	28 55				
	[8210.42.155]	01.90- 12.92	111419	28 55		01.90- 12.92	110213	24 6.6
		01.90- 12.92	111987	28 55				
	[8210.42.172]	01.90- 12.92	111419	28 55		01.90- 12.92	110213	24 6.6
		01.90- 12.92	111987	28 55				
240 E 30 9.5	(EuroTech)[8460.41C.TCA]	01.97-	111987	28 55		01.97-	110582	24 5.4
		01.97-	112076	28 80				
240 E 34 9.5	(EuroTech)[8460.41K.TCA]	09.95- 12.96	111987	28 55		09.95- 12.96	110582	24 5.4
		09.95- 12.96	112076	28 80				
240 E 38 9.5	(EuroStar)[8460.41L.5020]	01.93- 02.02	111987	28 55		01.93- 02.02	110582	24 5.4
	(EuroTech)[8460.41L.5020]	09.92- 11.00	111987	28 55		09.92- 11.00	110582	24 5.4
240 E 42 14.0	(EuroStar)[8210.42L.400]	01.93- 02.02	111987	28 55				
	(EuroTech)[8210.42L.400]	04.92- 12.00	111987	28 55		04.92- 12.00	110532	24 6.6
240 E 47 14.0	(EuroStar)[8210.42M.TCA]	01.93- 02.02	111987	28 55		11.95- 12.02	110532	24 6.6
		01.93- 02.02	112076	28 80				
240 E 52 17.2	(EuroStar)[8280.42S.TCA]	01.93- 02.02	111987	28 55		01.93- 02.02	110532	24 6.6
		01.93- 02.02	112076	28 80				
240-26 9.5	(TurboTech)[8460.21.102]	07.90- 11.00	112097	28 30				
240-36 13.8	(TurboTech)[8210.42.155]	01.90- 12.92	111419	28 55		01.90- 12.92	110213	24 6.6
		01.90- 12.92	111987	28 55				
		01.90- 12.92	112076	28 80				
	[8210.42.165]	01.90- 12.92	111419	28 55		01.90- 12.92	110213	24 6.6
		01.90- 12.92	111987	28 55				
		01.90- 12.92	112076	28 80				
	[8210.42.175]	01.90- 12.92	111419	28 55		01.90- 12.92	110213	24 6.6
		01.90- 12.92	111987	28 55				
		01.90- 12.92	112076	28 80				
	[8210.42.185]	01.90- 12.92	111419	28 55		01.90- 12.92	110213	24 6.6
		01.90- 12.92	111987	28 55				
		01.90- 12.92	112076	28 80				
	[8210.42.186]	01.90- 12.92	111419	28 55		01.90- 12.92	110213	24 6.6
		01.90- 12.92	111987	28 55				
		01.90- 12.92	112076	28 80				
	[8210.42.195]	01.90- 12.92	111419	28 55		01.90- 12.92	110213	24 6.6
		01.90- 12.92	111987	28 55				
		01.90- 12.92	112076	28 80				
260 E 23 6.0	(EuroCargo)[8060.45S.6000TCA]	12.91-	111419	28 55		01.92- 07.00	110518	24 4.0
		12.91- 07.00	112097	28 30		01.00-	113277	24 4.0
		01.92- 07.00	111987	28 55				
260 E 23 KE 5.9	(EuroCargo)[8060.45STCA]		112076	28 80			113277	24 4.0
			112097	28 30				
260 E 24 7.8	(Cursor)[F2BE0681D]	11.99-	113923	28 90		11.99-	112822	24 4.5
260 E 27 7.7	(EuroCargo)[8360.46.417]					09.91- 07.00	114446	24 5.4
	[8360.46.417TCA]					09.91- 07.00	114446	24 5.4
260 E 27 7.8	(Cursor)[F2BE0681B]	11.99- 11.04	113923	28 90		11.99- 11.04	112822	24 4.5
	[F2BE0681C]	11.99-	113923	28 90		11.99-	112822	24 4.5
	[F2BE0681F]	11.99-	113923	28 90		11.99-	112822	24 4.5
260 E 28 5.9	(Tector)[F4AE0681A]		114296	28 90				
			115484	28 70	A49			
			115489	28 90	A49			
260 E 30 9.5	(EuroTrakker)[8460.41C]	07.92- 07.00	111987	28 55		01.93- 11.04	110582	24 5.4
		07.92- 07.00	112076	28 80				
	[8460.41C.TCA]	11.99- 11.04	111987	28 55		11.99- 11.04	110582	24 5.4
		11.99- 11.04	112076	28 80				
260 E 31 7.8	(Cursor)[F2BE0681B]	09.99- 11.04	113923	28 90		09.99- 11.04	112822	24 4.5
260 E 34 9.5	(EuroTrakker)[8460.41K]	04.92- 07.00	111987	28 55		01.93- 11.04	110582	24 5.4
		04.92- 07.00	112076	28 80				
	[8460.41K.TCA]	11.99- 11.04	111987	28 55		11.99- 11.04	110582	24 5.4
		11.99- 11.04	112076	28 80				
260 E 35 7.8	(Cursor)[F2BE0681A]	09.99- 11.04	113923	28 90		09.99- 11.04	112822	24 4.5
260 E 37 13.8	(EuroTrakker)[8210.42K(TCA)]	11.99- 11.04	111987	28 55		11.99- 11.04	110532	24 6.6
		11.99- 11.04	112076	28 80				
260 E 37 14.0	(EuroTrakker)[8210.42K]	12.94- 12.01	111987	28 55		01.93- 11.04	110532	24 6.6
		12.94- 12.01	112076	28 80				
260 E 38 12.9	(Cursor)[F3BE0681G]	08.00-	112427	28 90		01.01- 11.04	112823	24 5.5
						08.05-	113984	24 5.0
260 E 38 9.5	(EuroStar)[8460.41LTCA]	01.93- 02.02	111987	28 55		01.93- 02.02	110582	24 5.4
		01.93- 02.02	112076	28 80				
	(EuroTech)[8460.41N]	01.94-	111987	28 55		01.94-	110582	24 5.4
		01.94-	112076	28 80				
260 E 39 10.3	(EuroStar)[F3AE0681E]	11.99-	112427	28 90		08.05-	113984	24 5.0
	(EuroTech)[F3AE0681E]	11.99-	112427	28 90		08.05-	113984	24 5.0
260 E 40 10.3	(EuroStar)[F3AE0681B]	09.00- 02.02	112427	28 90		09.00- 02.02	112823	24 5.5
	(EuroTech)[F3AE0681B]	01.01-	112427	28 90		01.01-	112823	24 5.5
260 E 42 13.8	(EuroTrakker)[8210.42L(TCA)]	11.99- 11.04	111987	28 55		11.99- 11.04	110213	24 6.6
		11.99- 11.04	112076	28 80		11.99- 11.04	110532	24 6.6
260 E 42 14.0	(EuroStar)[8210.42L]	01.94- 12.00	111987	28 55				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

VECO Continued

	(EuroTech)[8210.42L.400]	01.94- 12.00	111987	28 55				
	(EuroTrakker)[8210.42L]	01.93- 12.00	111987	28 55				
260 E 43 10.3	(EuroStar)[F3AE0681D]	08.00- 02.02	112427	28 90		08.05-	113984	24 5.0
	(EuroTech)[F3AE0681D]	08.00- 08.03	112427	28 90		08.05-	113984	24 5.0
260 E 44 12.9	(Cursor)[F3BE0681C]	08.00-	112427	28 90		01.01- 11.04	112823	24 5.5
						08.05-	113984	24 5.0
260 E 47 13.8	(EuroTrakker)[8210.42M.TCA]	11.99- 11.04	111987	28 55		11.99- 11.04	110532	24 6.6
		11.99- 11.04	112076	28 80				
260 E 47 14.0	(EuroStar)[8210.42M.TCA]	01.93- 02.02	111987	28 55		01.93- 02.02	110532	24 6.6
		01.93- 02.02	112076	28 80				
260 E 48 12.9	(EuroStar)[F3BE0681E]	01.93- 02.02	112427	28 90		01.93- 02.02	113984	24 5.0
						01.93- 02.02	112823	24 5.5
260 E 52 17.2	(EuroStar)[8280.42S.TCA]	01.95- 07.00	111987	28 55		01.95- 07.00	110532	24 6.6
	(EuroTech)[8280.3..]	04.92- 07.00	111987	28 55				
260 S 27 7.8	(Stralis)[F2BE0681F]	04.04-	113923	28 90				
260 S 30 7.8	(Stralis)[F2BE0681E]	04.04-	113923	28 90		10.05-	112822	24 4.5
260 S 31 7.8	(Stralis)[F2BE0681B]	06.03-	113923	28 90				
	[F2BE3681C]	04.04-	113923	28 90				
260 S 33 7.8	(Stralis)[F2BE3681B]	12.06-	113923	28 90				
260 S 35 7.8	(Stralis)[F2BE0681A]	06.03-	113923	28 90		06.03-	112822	24 4.5
260 S 36 7.8	(Stralis)[F2BE3681A]	07.07-	113923	28 90				
260 S 40 10.3	(Cursor)[F3AE0681B]	02.02-	112427	28 90		08.05-	113984	24 5.0
	(Stralis)[F3AE0681B]	06.03-	112427	28 90		08.05-	113984	24 5.0
260 S 42 10.3	(Stralis)[F3A3681B]					12.06-	113984	24 5.0
260 S 43 10.3	(Cursor)[F3AE0681D]	02.02-	112427	28 90		08.05-	113984	24 5.0
	(Stralis)[F3AE0681D]	06.03-	112427	28 90		08.05-	113984	24 5.0
260 S 45 10.3	(Stralis)[F3A3681A]					05.07-	113984	24 5.0
260 S 48 12.9	(Cursor)[F3BE0681E]	02.02-	112427	28 90		08.05-	113984	24 5.0
	(Stralis)[F3BE0681E]	02.02-	112427	28 90		08.05-	113984	24 5.0
260 S 50 12.9	(Stralis)[F3B3681B]					07.06-	113984	24 5.0
260 S 54 12.9	(Cursor)[F3BE0681A]	02.02-	112427	28 90		08.05-	113984	24 5.0
	(Stralis)[F3BE0681A]	02.02-	112427	28 90		08.05-	113984	24 5.0
260 S 56 12.9	(Stralis)[F3B3681A]					07.06-	113984	24 5.0
260 T 31 7.8	(Trakker)[F2BE0681B]	10.04-	113923	28 90				
260 T 33 7.8	(Trakker)[F2BE3681B]	03.06-	113923	28 90				
260 T 35 7.8	(Trakker)[F2BE0681A]	10.04-	113923	28 90				
260 T 36 7.8	(Trakker)[F2BE3681A]	10.04-	113923	28 90				
260 T 38 12.9	(Trakker)[F3BE0681G]	10.04-	112427	28 90		10.04-	113984	24 5.0
260 T 41 12.9	(Trakker)[F3BE3681D]					03.06-	113984	24 5.0
260 T 45 12.9	(Trakker)[F3BE3681C]					03.06-	113984	24 5.0 MI
260 T 50 12.9	(Trakker)[F3BE3681B]					03.06-	113984	24 5.0
260-23 AH 13.4	[F8L513]	04.89- 12.99	113470	28 35				
260-25 AH 13.4	[F8L513]	04.89- 12.99	113470	28 35				
260-30 AH 12.8	[BF8L513]	06.88- 05.90	113470	28 35				
260-30 H 13.8	[8210..]	06.84- 10.91	112097	28 30				
260-34 AH 12.8	[BF8L513]	04.89- 12.99	113470	28 35				
260-34 AHW 12.8	[BF8L513]	04.89- 12.99	113470	28 35				
280 E 23 6.0	(EuroCargo)[8060.45S.6000TCA]	12.91- 11.00	111419	28 55		01.00-	113277	24 4.0
		12.91- 11.00	112097	28 30		01.92- 11.00	110518	24 4.0
300-32 AH 12.8	[BF8L513]	04.89- 12.99	113470	28 35				
300-34 AH 12.8		04.89- 04.92	113470	28 35				
320 E 27 7.7	(EuroCargo)[8360.46.417]	01.92-	112302	28 120		10.91- 08.00	114446	24 5.4
	[8360.46.417TCA]					10.91- 08.00	114446	24 5.4
320 E 28 5.9	(Tector)[F4AE0681A]	09.00-	113188	28 70		09.00-	112498	24 4.0
		09.00- 08.03	114296	28 90				
		09.00- 08.03	115484	28 70 A49				
		09.00- 08.03	115489	28 90 A49				
320-30 H 13.8	[8210..]	01.84- 07.96	112097	28 30				
		02.90- 07.96	111419	28 55				
320-32 AH 12.8	[BF8L513]	04.89- 07.96	113470	28 35				
330-30 H 13.8	[8210..]	06.84- 12.92	112097	28 30				
330-30 N 13.8	[8210..]	10.89- 12.95	112097	28 30				
330-36 H 13.8	[8210..]	01.89- 12.98	111419	28 55				
		01.89- 12.98	112097	28 30				
330-36 HW 13.8	[8210..]	02.89- 12.98	111419	28 55				
		02.89- 12.98	112097	28 30				
340 E 34 9.5	(EuroTrakker)[8460.41K]	04.92- 07.00	111987	28 55		01.93- 11.04	110582	24 5.4
		04.92- 07.00	112076	28 80				
	[8460.41K.]	11.99- 11.04	111987	28 55		11.99- 11.04	110582	24 5.4
		11.99- 11.04	112076	28 80				
340 E 35 7.8	(Cursor)[F2BE0681A]	09.99- 11.04	113923	28 90		09.99- 11.04	112822	24 4.5
340 E 37 13.8	(EuroTrakker)[8210.42K.]	11.99- 11.04	111987	28 55		11.99- 11.04	110532	24 6.6
		11.99- 11.04	112076	28 80				
340 E 37 14.0	(EuroTrakker)[8210.42K]	03.95- 12.02	111987	28 55				
		03.95- 12.02	112076	28 80				
340 E 38 12.9	(Cursor)[F3BE0681G]	08.00-	112427	28 90		01.01- 11.04	112823	24 5.5
						08.05-	113984	24 5.0
340 E 42 13.8	(EuroTrakker)[8210.42L.]	11.99- 11.04	111987	28 55		11.99- 11.04	110213	24 6.6
		11.99- 11.04	112076	28 80		11.99- 11.04	110532	24 6.6
340 E 42 14.0	(EuroTrakker)[8210.42L]	06.92- 12.00	111987	28 55		01.95- 12.00	110213	24 6.6
		06.92- 12.00	112076	28 80		01.95- 12.00	110532	24 6.6
340 E 44 12.9	(Cursor)[F3BE0681C]	08.00-	112427	28 90		01.01- 11.04	112823	24 5.5
						08.05-	113984	24 5.0
340 T 35 7.8	(Trakker)[F2BE0681A]	06.05-	113923	28 90		06.05-	112822	24 4.5
340 T 36 7.8	(Trakker)[F2BE3681A]	03.06-	113923	28 90				
340 T 38 12.8	(Trakker)[F3BE0681G]	09.05-	112427	28 90		09.05-	112823	24 5.5
340 T 38 12.9	(Trakker)[F3BE0681G]	06.05-	112427	28 90		06.05-	112823	24 5.5
340 T 41 12.9	(Trakker)[F3B3681D]					06.06-	113984	24 5.0
	[F3BE3681D]					03.06-	113984	24 5.0



340 T 44 12.8	(Trakker)[F3BE0681C]	06.05-	112427	28	90	06.05-	112823	24	5.5
340 T 45 12.9	(Trakker)[F3B3681C]					06.06-	113984	24	5.0
	[F3BE3681C]					03.06-	113984	24	5.0
340 T 50 12.9	(Trakker)[F3BE3681B]					03.06-	113984	24	5.0
380 E 34 9.5	(EuroTrakker)[8460.41K]	04.92- 07.00	111987	28	55	01.93- 11.04	110582	24	5.4
		04.92- 07.00	112076	28	80				
	[8460.41K.]	11.99- 11.04	111987	28	55	11.99- 11.04	110582	24	5.4
		11.99- 11.04	112076	28	80				
380 E 35 7.8	(Cursor)[F2BE0681A]	01.00- 11.04	113923	28	90	01.00- 11.04	112822	24	4.5
380 E 37 13.8	(EuroTrakker)[8210.42K(TCA)]	11.99- 11.04	111987	28	55	11.99- 11.04	110532	24	6.6
		11.99- 11.04	112076	28	80				
380 E 37 14.0	(EuroTrakker)[8210.42K]	03.95- 12.02	111987	28	55				
		03.95- 12.02	112076	28	80				
380 E 38 12.9	(Cursor)[F3BE0681G]	08.00- 11.04	112427	28	90	01.01- 11.04	112823	24	5.5
						08.04-	113984	24	5.0
380 E 42 13.8	(EuroTrakker)[8210.42L(TCA)]	11.99- 11.04	111987	28	55	11.99- 11.04	110213	24	6.6
		11.99- 11.04	112076	28	80	11.99- 11.04	110532	24	6.6
380 E 42 14.0	(EuroTrakker)[8210.42L]	06.92- 12.00	111987	28	55	01.93- 11.04	110213	24	6.6
		06.92- 12.00	112076	28	80				
380 E 44 12.9	(Cursor)[F3BE0681C]	08.00- 11.04	112427	28	90	01.01- 11.04	112823	24	5.5
380 E 47 13.8	(EuroTrakker)[8210.42M.TCA]	11.99- 11.04	111987	28	55	11.99- 11.04	110532	24	6.6
		11.99- 11.04	112076	28	80				
380 T 33 7.8	(Trakker)[F2BE3681B]	03.06-	113923	28	90				
380 T 36 7.8	(Trakker)[F2BE3681A]	10.04-	113923	28	90	04.06-	112822	24	4.5
380 T 38 12.9	(Trakker)[F3BE0681G]	06.05-	112427	28	90	06.05-	112823	24	5.5
380 T 41 12.8	(Trakker)[F3B3681D]	09.06-	112427	28	90	09.06-	113984	24	5.0
						09.06-	112823	24	5.5
380 T 41 12.9	(Trakker)[F3BE3681D]					03.06-	113984	24	5.0
380 T 45 12.8	(Trakker)[F3B3681C]	09.06-	112427	28	90	09.06-	112823	24	5.5
						09.06-	113984	24	5.0
380 T 45 12.9	(Trakker)[F3BE3681C]					03.06-	113984	24	5.0 MI
380 T 50 12.9	(Trakker)[F3BE3681B]	03.07-	112427	28	90	03.06-	113984	24	5.0
						03.07-	112823	24	5.5
380.10.29 9.5	[8460.41..]	01.92- 11.00	112302	28	120				
380.12.29 9.5	[8460.41..]	01.92- 11.00	112302	28	120				
400 E 30 9.5	(EuroTech)[8460.41C.320]	04.92- 12.00	111987	28	55	01.92- 08.98	110582	24	5.4
		04.92- 12.00	112076	28	80				
400 E 31 7.8	(Cursor)[F2BE0681B]	09.98-	113923	28	90	09.98-	112822	24	4.5
400 E 34 9.5	(EuroTech)[8460.41K.406]	01.92- 12.00	111987	28	55	04.92- 12.00	110582	24	5.4
		01.92- 12.00	112076	28	80				
	(EuroTrakker)[8460.41K]					01.93- 12.00	110582	24	5.4
400 E 35 7.8	(Cursor)[F2BE0681A]	09.98- 11.04	113923	28	90	09.98- 11.04	112822	24	4.5
400 E 37 14.0	(EuroTrakker)[8210.42K]	07.94- 12.00	111987	28	55				
		07.94- 12.00	112076	28	80				
400 E 38 9.5	(EuroStar)[8460.41L.5020]	01.94- 11.00	111987	28	55	01.94- 11.00	110582	24	5.4
	[8460.41LTCA]	01.94- 11.00	111987	28	55	01.94- 11.00	110582	24	5.4
	[8460.41N]	01.94- 11.00	111987	28	55	01.94- 11.00	110582	24	5.4
	(EuroTech)[8460.41L.5020]	09.92- 11.00	111987	28	55	09.92- 11.00	110582	24	5.4
	[8460.41N]	09.92- 11.00	111987	28	55	09.92- 11.00	110582	24	5.4
400 E 42 14.0	(EuroStar)[8210.42L]	01.94- 12.00	111987	28	55				
	(EuroTech)[8210.42L.400]	04.92- 12.00	111987	28	55				
	(EuroTrakker)[8210.42L]	04.92- 12.00	111987	28	55	01.93- 11.04	110532	24	6.6
		04.92- 12.00	112076	28	80	01.93- 11.04	110213	24	6.6
400 T 35 7.8	(Trakker)[F2BE0681A]	06.05-	113923	28	90				
400 T 36 7.8	(Trakker)[F2BE3681A]	10.04-	113923	28	90				
400 T 41 12.9	(Trakker)[F3BE3681D]					03.06-	113984	24	5.0
400 T 42 12.9	(Trakker)[F3BE0681V]	06.05-	112427	28	90	06.05-	113984	24	5.0
400 T 45 12.9	(Trakker)[F3BE3681C]					03.06-	113984	24	5.0 MI
400 T 50 12.9	(Trakker)[F3BE3681B]					03.06-	113984	24	5.0
410 E 35 7.8	(Cursor)[F2BE0681A]	01.00- 11.04	113923	28	90	01.00- 11.04	112822	24	4.5
410 E 37 13.8	(EuroTrakker)[8210.42K(TCA)]	11.99- 11.04	111987	28	55	11.99- 11.04	110213	24	6.6
		11.99- 11.04	112076	28	80	11.99- 11.04	110532	24	6.6
410 E 37 14.0	(EuroTrakker)[8210.42K]	04.92- 11.00	111987	28	55				
		04.92- 11.00	112076	28	80				
410 E 38 12.9	(Cursor)[F3BE0681G]	08.00- 11.04	112427	28	90	01.01- 11.04	112823	24	5.5
						08.05-	113984	24	5.0
410 E 42 13.8	(EuroTrakker)[8210.42L(TCA)]	11.99- 11.04	111987	28	55	11.99- 11.04	110213	24	6.6
		11.99- 11.04	112076	28	80	11.99- 11.04	110532	24	6.6
410 E 42 14.0	(EuroTrakker)[8210.42L]	04.92- 11.00	111987	28	55	01.93- 11.04	110213	24	6.6
		04.92- 11.00	112076	28	80				
410 E 44 12.9	(Cursor)[F3BE0681C]	08.00- 11.04	112427	28	90	01.01- 11.04	112823	24	5.5
						08.04-	113984	24	5.0
410 T 36 7.8	(Trakker)[F2BE3681A]	03.06-	113923	28	90				
410 T 38 12.9	(Trakker)[F3BE0681G]	04.05-	112427	28	90	04.05-	112823	24	5.5
410 T 41 12.9	(Trakker)[F3B3681D]					06.06-	113984	24	5.0
	[F3BE3681D]					03.06-	113984	24	5.0
410 T 44 12.8	(Trakker)[F3BE0681C]	06.05-	112427	28	90	06.05-	113984	24	5.0
						06.05-	112823	24	5.5
410 T 45 12.9	(Trakker)[F3B3681C]					06.06-	113984	24	5.0
	[F3BE3681C]					03.06-	113984	24	5.0
410 T 48 12.9	(Trakker)[F3BE0681E]	06.05-	112427	28	90	06.05-	112823	24	5.5
410 T 50 12.9	(Trakker)[F3BE0681B]					06.06-	113984	24	5.0
	[F3BE3681B]					03.06-	113984	24	5.0
440 E 31 7.8	(Cursor)[F2BE0681B]	09.98-	113923	28	90	09.98-	112822	24	4.5
440 E 34 9.5	(EuroTech)[8460.41K.406]	01.92- 11.00	111987	28	55	04.92- 12.00	110582	24	5.4
		01.92-	112076	28	80				
	(EuroTrakker)[8460.41K]	01.94- 07.00	111987	28	55	01.94- 07.00	110582	24	5.4
440 E 35 7.8	(Cursor)[F2BE0681A]	09.98-	113923	28	90	09.98-	112822	24	4.5
	(EuroTech)[F2BE0681A]					02.00-	112822	24	4.5

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





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440 E 37 14.0	(EuroTrakker)[8210.42K]	04.92- 11.00	111987	28 55	01.93- 11.00	110213	24 6.6
		04.92- 11.00	112076	28 80	01.93- 11.00	110532	24 6.6
440 E 38 12.9	(Cursor)[F3BE0681G]	01.01- 11.04	112427	28 90	01.01- 11.04	112823	24 5.5
440 E 38 9.5	(EuroStar)[8460.41L.5020]	01.94- 11.00	111987	28 55	01.94-	110582	24 5.4
		01.94- 11.00	111987	28 55	01.93-	110582	24 5.4
	[8460.41LTCA]	01.94- 11.00	111987	28 55	01.93-	110582	24 5.4
	[8460.41N]	01.93- 02.02	112076	28 80	01.93-	110582	24 5.4
		01.94- 11.00	111987	28 55			
	(EuroTech)[8460.41L.5020]	09.92- 11.00	111987	28 55	01.92-	110582	24 5.4
	[8460.41LTCA]	04.93- 11.00	111987	28 55	01.93-	110582	24 5.4
	04.93- 11.00	112076	28 80				
	[8460.41N]	09.92- 11.00	111987	28 55	01.92-	110582	24 5.4
440 E 39 10.3	(EuroStar)[F3AE0681E]	11.99-	112427	28 90	11.99-	113984	24 5.0
					11.99-	112823	24 5.5
					11.99-	113984	24 5.0
	(EuroTech)[F3AE0681E]	11.99- 12.00	111987	28 55	11.99-	112823	24 5.5
		11.99- 12.00	112076	28 80	11.99-	113984	24 5.0
		11.99-	112427	28 90			
440 E 40 10.3	(EuroStar)[F3AE0681B]	09.00- 02.02	112427	28 90	09.00- 02.02	112823	24 5.5
		(EuroTech)[F3AE0681B]	09.00-	112427	28 90	09.00-	112823
440 E 42 14.0	(EuroStar)[8210.42L]	01.93- 12.00	111987	28 55			
		(EuroTech)[8210.42L.400]	04.92- 12.00	111987	28 55		
	(EuroTrakker)[8210.42L]	04.92- 12.00	111987	28 55			
		04.92- 12.00	112076	28 80			
440 E 43 10.3	(EuroStar)[F3AE0681D]	11.99- 08.03	112427	28 90	02.02-	113984	24 5.0
		(EuroTech)[F3AE0681D]	11.99- 08.03	112427	28 90	11.99-	112823
					08.03-	113984	24 5.0
440 E 44 12.9	(Cursor)[F3BE0681C]	01.01- 11.04	112427	28 90	01.01- 11.04	112823	24 5.5
440 E 47 14.0	(EuroStar)[8210.42M.TCA]	01.93- 02.02	111987	28 55	01.93- 02.02	110532	24 6.6
		01.93- 02.02	112076	28 80			
440 E 48 12.9	(EuroStar)[F3BE0681E]	01.01- 02.02	112427	28 90	08.03-	113984	24 5.0
					01.01- 02.02	112823	24 5.5
440 E 52 17.2	(EuroStar)[8280.42S.TCA]	01.93- 12.00	111987	28 55	01.93- 12.00	110532	24 6.6
440 S 31 7.8	(Stralis)[F2BE0681B]	06.03-	113923	28 90	06.03-	112822	24 4.5
440 S 33 7.8	(Stralis)[F2BE3681B]	12.06-	113923	28 90			
440 S 35 7.8	(Stralis)[F2BE0681A]	06.03-	113923	28 90	06.03-	112822	24 4.5
440 S 40 10.3	(Cursor)[F3AE0681B]	02.02-	112427	28 90	08.05-	113984	24 5.0
		(Stralis)[F3AE0681B]	06.03-	112427	28 90	08.05-	113984
440 S 42 10.3	(Stralis)[F3A3681B]				07.06-	113984	24 5.0
		[F3AE3681B]			12.06-	113984	24 5.0
440 S 43 10.3	(Cursor)[F3AE0681D]	02.02-	112427	28 90	08.05-	113984	24 5.0
		(Stralis)[F3AE0681D]	06.03-	112427	28 90	08.05-	113984
440 S 45 10.3	(Stralis)[F3A3681A]				07.06-	113984	24 5.0
440 S 48 12.8	(Stralis)[F3BE0681E]	02.02-	112427	28 90	02.02-	112823	24 5.5
440 S 48 12.9	(Cursor)[F3BE0681E]	02.02-	112427	28 90	08.05-	113984	24 5.0
		(Stralis)[F3BE0681E]	02.02-	112427	28 90	08.05-	113984
440 S 50 12.9	(Stralis)[F3B3681B]				07.06-	113984	24 5.0
440 S 54 12.8	(Stralis)[F3BE0681A]	02.02-	112427	28 90	02.02-	112823	24 5.5
440 S 54 12.9	(Cursor)[F3BE0681A]				08.05-	113984	24 5.0
		(Stralis)[F3BE0681A]	02.02-	112427	28 90	08.05-	113984
440 S 56 12.9	(Stralis)[F3B3681A]				07.06-	113984	24 5.0
440 T 41 12.9	(Trakker)[F3BE3681D]				03.06-	113984	24 5.0
440 T 45 12.9	(Trakker)[F3BE3681C]				03.06-	113984	24 5.0
440 T 50 12.9	(Trakker)[F3BE3681B]				03.06-	113984	24 5.0
50-10 4.6	(Zeta)[8340.04.200]	01.79- 10.83	111142		01.79- 10.83	110518	24 4.0
		[8340.04.250]	01.79- 10.83	111142	01.79- 10.83	110518	24 4.0
		[8340.04.300]	01.79- 10.83	111142	01.79- 10.83	110518	24 4.0
		[8340.04.362]	01.79- 10.83	111142	01.79- 10.83	110518	24 4.0
50-8 3.7	(Zeta)[8040.04.200]	01.83- 12.86	111142		01.83- 12.86	110517	24 3.2
					01.83- 12.86	110521	24 4.0
50-9 3.9	(Zeta)[8040.05.230]	01.87- 03.91	111142		01.87- 03.91	110517	24 3.2
60 E 10 4.0	(EuroCargo)[8040.25B.4200LTC]	01.91- 05.96	111987	28 55	01.91- 05.96	110517	24 3.2
		01.91- 05.96	112097	28 30			
60 E 12 4.0	(EuroCargo)[8040.25X.4000TC]	01.91- 05.96	111987	28 55	01.91- 12.96	110521	24 4.0
		01.91- 05.96	112097	28 30	01.91- 05.96	110517	24 3.2
60 E 13 3.9	(Tector)[F4AE0481D]	09.00-	114296	28 90			
		09.00-	115484	28 70 A49			
		09.00-	115489	28 90 A49			
60 E 14 3.9	(Tector)[F4AE3481C]	09.06-	114296	28 90			
		09.06-	115484	28 70 A49			
		09.06-	115489	28 90 A49			
60 E 14 4.0	(EuroCargo)[8040.45.4000TCA]	01.91- 05.96	111987	28 55	01.91- 05.96	110517	24 3.2
		01.91- 05.96	112097	28 30	01.91- 12.96	110521	24 4.0
60 E 15 3.9	(Tector)[F4AE0481C]	09.00-	114296	28 90			
		09.00-	115484	28 70 A49			
		09.00-	115489	28 90 A49			
60 E 16 3.9	(Tector)[F4AE3481D]	09.06-	114296	28 90			
		09.06-	115484	28 70 A49			
		09.06-	115489	28 90 A49			
60-10 4.6	(Zeta)[8340.04.040]				11.79- 06.88	110518	24 4.0
		[8340.04.200]	05.82- 12.86	111142	05.82- 12.86	110518	24 4.0
		[8340.04.250]	05.82- 12.86	111142	05.82- 12.86	110518	24 4.0
60-11 3.9	(Zeta)[8040.25.230R]	01.87- 03.91	111142		01.87- 03.91	110517	24 3.2
60-8 3.7	(Zeta)[8040.04.200]	01.79- 04.83	111142		11.79- 04.83	110517	24 3.2
60-9 3.9	(Zeta)[8040.05.200]	09.88- 12.92	111419	28 55	09.88- 12.92	110518	24 4.0
		[8040.05.203]	09.88- 12.92	111419	28 55	09.88- 12.92	110518
		09.88- 12.92	111987	28 55			
65 E 10 4.0	(EuroCargo)[8040.25B.4200LTC]	01.91- 05.96	111987	28 55	01.91- 05.96	110517	24 3.2
		01.91- 05.96	112097	28 30	01.91- 12.96	110521	24 4.0



65 E 12 4.0	(EuroCargo)[8040.25X.4000TC]	01.91- 05.96	111987	28 55	01.91-	110521	24 4.0
		01.91- 05.96	112097	28 30	01.91- 05.96	110517	24 3.2
65 E 13 3.9	(Tector)[F4AE0481D]	08.00-	113188	28 70	09.00-	112498	24 4.0
		08.00- 08.03	115484	28 70 A49			
		09.00- 08.03	114296	28 90			
		09.00- 08.03	115489	28 90 A49			
65 E 14 3.9	(EuroCargo)[F4AE3481C]	09.06-	114296	28 90			
		09.06-	115484	28 70 A49			
		09.06-	115489	28 90 A49			
	(Tector)[F4AE3481C]	09.06-	114296	28 90			
		09.06-	115484	28 70 A49			
		09.06-	115489	28 90 A49			
65 E 14 4.0	(EuroCargo)[8040.45.4000TCA]	01.91- 06.96	111987	28 55	01.91- 06.96	110517	24 3.2
		01.91- 06.96	112097	28 30	01.91-	110521	24 4.0
65 E 15 3.9	(Tector)[F4AE0481C]	09.00-	113188	28 70	08.00-	112498	24 4.0
		09.00- 08.03	114296	28 90			
		09.00- 08.03	115484	28 70 A49			
		09.00- 08.03	115489	28 90 A49			
65 E 16 3.9	(EuroCargo)[F4AE3481D]	09.06-	114296	28 90			
		09.06-	115484	28 70 A49			
		09.06-	115489	28 90 A49			
	(Tector)[F4AE3481D]	09.06-	114296	28 90			
		09.06-	115484	28 70 A49			
		09.06-	115489	28 90 A49			
65-10 4.6	(Zeta)[8340.04.200]	05.82- 01.87	111142		05.82- 01.87	110518	24 4.0
		05.82- 01.87	111142		05.82- 01.87	110518	24 4.0
		05.82- 01.87	111142		05.82- 01.87	110518	24 4.0
		05.82- 01.87	111142		05.82- 01.87	110518	24 4.0
65-12 3.9	(Zeta)[8040.25.200]	01.87- 03.91	111142		01.87- 03.91	110517	24 3.2
65-9 3.9	(Zeta)[8040.05.230]	01.87- 03.91	111142		01.87- 03.91	110517	24 3.2
70-12 5.4	(Zeta)[8340.05.200]	01.83- 01.85	111142		01.83- 01.85	110518	24 4.0
70-14 5.7	(Zeta)[8060.05.246]	05.88- 06.91	111142		05.88- 06.91	110518	24 4.0
		05.88- 06.91	111142		05.88- 12.92	110518	24 4.0
720 E 37 14.0	(EuroTrakker)[8210.42K]	09.93- 12.95	111987	28 55			
		09.93- 12.95	112076	28 80			
720 E 42 14.0	(EuroTrakker)[8210.42L]	09.93- 12.00	111987	28 55	01.93- 11.04	110213	24 6.6
		09.93- 12.00	112076	28 80	01.93- 11.04	110532	24 6.6
720 E 44 12.9	(Cursor)[F3BE0681C]	01.01- 11.04	112427	28 90	01.01- 11.04	112823	24 5.5
720 E 48 12.9	(Cursor)[F3BE0681E]	01.01- 11.04	112427	28 90	01.01- 11.04	112823	24 5.5
720 T 41 12.9	(Trakker)[F3BE3681D]				03.06-	113984	24 5.0 MI
720 T 42 12.9	(Trakker)[F3BE0681V]	04.05-	112427	28 90	04.05-	113984	24 5.0
720 T 45 12.9	(Trakker)[F3BE3681C]				03.06-	113984	24 5.0 MI
720 T 50 12.9	(Trakker)[F3BE3681B]				03.06-	113984	24 5.0
75 E 12 4.0	(EuroCargo)[8040.25X.4000TC]	01.91- 05.96	111987	28 55	01.91- 05.96	110517	24 3.2
		01.91- 05.96	112097	28 30	01.91-	110521	24 4.0
		01.97-	112076	28 80			
75 E 13 3.9	(Tector)[F4AE0481D]	09.00-	113188	28 70	09.00-	112498	24 4.0
		09.00- 08.03	114296	28 90			
		09.00- 08.03	115484	28 70 A49			
		09.00- 08.03	115489	28 90 A49			
75 E 14 3.9	(Tector)[F4AE3481C]	09.06-	114296	28 90			
		09.06-	115484	28 70 A49			
		09.06-	115489	28 90 A49			
75 E 14 4.0	(EuroCargo)[8040.45.4000]	01.91- 12.93	111987	28 55	01.91-	113183	24 4.0
		01.91- 12.92	112097	28 30	01.91-	110521	24 4.0
	[8040.45.4000TCA]	01.91- 12.93	111987	28 55	01.91-	110517	24 3.2
		01.91- 12.93	112097	28 30			
	[8040.45.4180]	01.91- 12.93	111987	28 55	01.91-	110517	24 3.2
					01.91-	110521	24 4.0
	[8040.45.4180TCA]	01.92- 12.92	111987	28 55	11.85- 03.91	113183	24 4.0
					01.97- 08.00	110517	24 3.2
75 E 15 3.9	(Tector)[F4AE0481C]	09.00-	113188	28 70	09.00-	112498	24 4.0
		09.00- 08.03	114296	28 90			
		09.00- 08.03	115484	28 70 A49			
		09.00- 08.03	115489	28 90 A49			
75 E 15 6.0	(EuroCargo)[8060.25R.4200LTC]	01.91- 12.92	111987	28 55	01.91- 12.92	110518	24 4.0
		01.91- 12.92	112097	28 30	01.00-	113277	24 4.0
75 E 16 3.9	(EuroCargo)[F4AE3481D]	05.06-	114296	28 90			
		05.06-	115484	28 70 A49			
		05.06-	115489	28 90 A49			
	(Tector)[F4AE3481D]	09.06-	114296	28 90			
		09.06-	115484	28 70 A49			
		09.06-	115489	28 90 A49			
75 E 17 3.9	(Tector)[F4AE0481A]	09.00-	113188	28 70	09.00-	112498	24 4.0
		09.00- 08.03	114296	28 90			
		09.00- 08.03	115484	28 70 A49			
		09.00- 08.03	115489	28 90 A49			
	[F4AE3481B]	09.00- 08.03	115484	28 70 A49			
75 E 18 5.9	(Tector)[F4AE0681D]	09.00- 08.03	115484	28 70 A49			
		09.00- 08.03	115489	28 90 A49			
	[F4AE0681E]	09.00-	113188	28 70	09.00-	112498	24 4.0
		09.00- 08.03	114296	28 90			
		09.00- 08.03	115484	28 70 A49			
		09.00- 08.03	115489	28 90 A49			
79-10 4.6	(Zeta)[8340.04.200]	01.83- 01.87	111142		01.83- 01.87	110518	24 4.0
		01.83- 01.87	111142		01.83- 01.87	110518	24 4.0

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



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79-12 3.9	(Zeta)[8040.25.200]	01.87- 03.91	111142		01.87- 03.91	110517	24	3.2
	[8040.25.220]	01.87- 03.91	111142		01.87- 03.91	110517	24	3.2
79-13 5.5	(Zeta)[8060.04.060]	01.83- 06.83	111142		01.83- 06.83	110521	24	4.0
					11.79- 12.83	113183	24	4.0
	[8060.04.660]	01.83- 06.83	111142		01.83- 06.83	110521	24	4.0
79-14 5.5	(Zeta)[8060.04.660]	07.83- 11.85	111142		11.79- 12.83	113183	24	4.0
					07.83- 11.85	110521	24	4.0
79-14 5.9	(Zeta)[8060.05.280]	12.85- 03.91	111142		01.83- 11.85	113183	24	4.0
					07.88- 03.91	110518	24	4.0
80 E 15 3.9	(Tector)[F4AE0481C]	09.00-	113188	28 70	09.00-	112498	24	4.0
		09.00- 08.03	114296	28 90				
		09.00- 08.03	115484	28 70 A49				
		09.00- 08.03	115489	28 90 A49				
80 E 15 6.0	(EuroCargo)[8060.25R.4200LTC]	01.91- 08.00	111987	28 55	01.91- 08.00	110518	24	4.0
		01.91- 08.00	112097	28 30	01.00-	113277	24	4.0
80 E 17 3.9	(Tector)[F4AE0481A]	09.00-	113188	28 70	09.00-	112498	24	4.0
		09.00- 08.03	114296	28 90				
		09.00- 08.03	115484	28 70 A49				
		09.00- 08.03	115489	28 90 A49				
80 E 17 3.9	[F4AE3481A]	09.00- 08.03	115484	28 70 A49				
		09.00- 08.03	115489	28 90 A49				
80 E 18 3.9	(Tector)[F4AE3481B]	09.06-	114296	28 90				
		09.06-	115484	28 70 A49				
		09.06-	115489	28 90 A49				
80 E 18 5.9	(Tector)[F4AE0681E]	09.00-	113188	28 70	09.00-	112498	24	4.0
		09.00- 08.03	114296	28 90				
		09.00- 08.03	115484	28 70 A49				
		09.00- 08.03	115489	28 90 A49				
80 E 18 6.0	(EuroCargo)[8060.25V.4000TC]	01.91- 08.00	111987	28 55	01.91- 08.00	110518	24	4.0
		01.91- 08.00	112097	28 30	01.00-	113277	24	4.0
80 E 21 5.9	(Tector)[F4AE0681D]	09.00-	113188	28 70	09.00-	112498	24	4.0
		09.00- 08.03	114296	28 90				
		09.00- 08.03	115484	28 70 A49				
		09.00- 08.03	115489	28 90 A49				
80 E 21 5.9	[F4AE3681B]	09.00- 08.03	115484	28 70 A49				
		09.00- 08.03	115489	28 90 A49				
80 E 21 6.0	(EuroCargo)[8060.45.4100TCA]	01.91- 08.00	111987	28 55	01.91- 08.00	110518	24	4.0
		01.91- 08.00	112097	28 30	01.00-	113277	24	4.0
	[8060.45.4180TCA]	01.91- 08.00	111987	28 55	01.00-	113277	24	4.0
		01.91- 08.00	112097	28 30	01.91- 08.00	110518	24	4.0
80 EL 16 3.9	(EuroCargo)[F4AE3481D]	05.06-	114296	28 90				
		05.06-	115484	28 70 A49				
		05.06-	115489	28 90 A49				
80 EL 17 3.9	(Tector)[F4AE0481A]	09.00-	114296	28 90				
		09.00-	115484	28 70 A49				
		09.00-	115489	28 90 A49				
80 EL 18 3.9	(Tector)[F4AE3481B]	09.06-	114296	28 90				
		09.06-	115484	28 70 A49				
		09.06-	115489	28 90 A49				
80-13 A... 6.1	[BF6L913]	03.86- 12.91	113470	28 35				
80-16A... 6.1	[BF6L913]	03.86- 12.91	113470	28 35				
90 E 17 3.9	(Tector)[F4AE0481A]	09.00-	113188	28 70	09.00-	112498	24	4.0
		09.00- 08.03	114296	28 90				
		09.00- 08.03	115484	28 70 A49				
		09.00- 08.03	115489	28 90 A49				
90 E 18 5.9	(Tector)[F4AE0681E]	09.00-	113188	28 70	09.00-	112498	24	4.0
		09.00- 08.03	114296	28 90				
		09.00- 08.03	115484	28 70 A49				
		09.00- 08.03	115489	28 90 A49				
90 E 21 5.9	(Tector)[F4AE0681D]	09.00-	113188	28 70	09.00-	112498	24	4.0
		09.00- 08.03	114296	28 90				
		09.00- 08.03	115484	28 70 A49				
		09.00- 08.03	115489	28 90 A49				
90 E 22 5.9	(Tector)[F4AE3681B]	09.06-	114296	28 90				
		09.06-	115484	28 70 A49				
		09.06-	115489	28 90 A49				
90-13A 6.1	[BF6L913T]	03.86- 12.91	113470	28 35				
		01.91- 12.91	112097	28 30				
95 E 15 6.0	(EuroCargo)[8060.25R.4750]	11.93- 12.94	111987	28 55	01.00-	113277	24	4.0
		11.93- 12.94	112076	28 80				
	[8060.25R.4755]	11.93- 12.94	111987	28 55	01.00-	113277	24	4.0
		11.93- 12.94	112076	28 80				
	[8060.25R.4760]	11.93- 12.94	111987	28 55	01.00-	113277	24	4.0
		11.93- 12.94	112076	28 80				
	[8060.25R.4764]	11.93- 12.94	111987	28 55	01.00-	113277	24	4.0
		11.93- 12.94	112076	28 80				
	[8060.45.4702]				01.00-	113277	24	4.0
	[8060.45R.5050]	01.93- 08.00	111987	28 55	01.00-	113277	24	4.0
	01.93- 08.00	112076	28 80					
95 E 21 6.0	(EuroCargo)[8060.45.4700]	01.91- 12.00	111987	28 55	01.00-	113277	24	4.0
		01.91- 12.00	111987	28 55	01.00-	113277	24	4.0
	[8060.45.4704]	01.91- 12.00	111987	28 55	01.00-	113277	24	4.0
	[8060.45.4706]	01.91- 12.00	111987	28 55	01.00-	113277	24	4.0
	01.91- 12.00	111987	28 55	01.00-	113277	24	4.0	
	01.91- 08.00	111987	28 55	01.00-	113277	24	4.0	
	01.91- 08.00	112076	28 80					

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	[8060.45.5251]	01.91- 08.00	111987	28 55		01.00-	113277	24 4.0
		01.91- 08.00	112076	28 80				
	[8060.45.5255]	01.91- 08.00	111987	28 55		01.00-	113277	24 4.0
		01.91- 08.00	112076	28 80				
95-14 5.5	(Zeta)[8060.04.669]	07.83- 10.85	111142			07.83- 10.85	110521	24 4.0
						07.83- 10.98	113183	24 4.0
M 115-17 5.5	[8060.24.601]	09.83- 12.85	111142			09.83- 12.85	110518	24 4.0
M 115-17 5.7	[8060.25.600]	01.86- 12.99	111142			01.86- 12.99	110518	24 4.0
M 115-17 5.9	[8060.25.600]	01.86- 12.99	111142			01.86- 12.99	110518	24 4.0
M 135-17 5.5	[8060.24.601]	09.83- 12.85	111142			09.83- 12.85	110518	24 4.0
M 135-17 5.9	[8060.25.600]	01.86- 08.92	111142			01.86- 08.92	110518	24 4.0
M 145-17 5.9	[8060.25.600]	02.86- 07.92	111142			02.86- 07.92	110518	24 4.0
M 159-17 8.1	[8360.05.254]	07.82- 09.86	111142			07.82- 09.86	110518	24 4.0
M 165-24 9.6	[8220.22.002]					06.82- 09.86	110582	24 5.4
	[8220.22.102]					06.82- 09.86	110582	24 5.4
M 175-17 5.9	[8060.25.600]	07.86- 12.92	111142			09.86- 07.92	110518	24 4.0
M 175-24 9.5	[8460.21.002]	09.86- 07.92	111142			09.86- 07.92	110582	24 5.4
	[8460.21.010]	09.86- 07.92	111142			09.86- 07.92	110582	24 5.4
MK 110-13 6.1	[BF6L913T]	01.83- 12.91	112046	14 95		01.83- 12.91	110536	12 2.7
		01.83- 02.86	112098	14 65		04.85- 02.86	113467	12 3.7
		01.83- 02.86	112736	14 65		03.86- 12.91	110523	24 4.8
		03.86- 12.89	113470	28 35				
	[F6L913]	01.83- 12.91	112046	14 95		03.86- 12.91	110523	24 4.8
		01.83- 02.86	112098	14 65		04.85- 02.86	113467	12 3.7
		01.83- 02.86	112736	14 65		01.83- 12.91	110536	12 2.7
MK 110-16 6.1	[BF6L913]	01.83- 12.91	112046	14 95		01.83- 02.86	113467	12 3.7
		01.83- 02.86	112098	14 65		03.86- 12.91	110523	24 4.8
		01.83- 02.86	112736	14 65				
		03.86- 12.89	113470	28 35				
		01.91- 12.91	112747	28 55				
	[BF6L913T]	01.83- 12.85	111419	28 55		01.83- 12.85	113467	12 3.7
		01.83- 12.85	112046	14 95		01.83- 12.85	110523	24 4.8
		01.83- 12.85	112098	14 65				
		01.83- 12.85	112736	14 65				
		01.83- 12.85	112747	28 55				
		01.83- 12.85	113470	28 35				
	[F6L913]	01.83- 12.85	111419	28 55		01.83- 12.85	113467	12 3.7
		01.83- 12.85	112046	14 95		01.83- 12.85	110523	24 4.8
		01.83- 12.85	112098	14 65				
		01.83- 12.85	112736	14 65				
		01.83- 12.85	112747	28 55				
		01.83- 12.85	113470	28 35				
MK 130-13 6.1	[BF6L913T]	01.83- 12.91	112046	14 95		03.86- 05.89	110523	24 4.8
		01.83- 02.86	112098	14 65		01.83- 12.91	110536	12 2.7
		01.83- 02.86	112736	14 65		04.85- 02.86	113467	12 3.7
		03.86- 05.89	110766	28 27				
		03.86- 05.89	113470	28 35				
	[F6L913]	01.83- 12.91	112046	14 95		04.85- 02.86	113467	12 3.7
		01.83- 02.86	112098	14 65		01.83- 12.91	110536	12 2.7
		01.83- 02.86	112736	14 65				
MK 130-16 6.1	[BF6L913]	01.83- 12.91	112046	14 95		03.86- 12.91	110523	24 4.8
		01.83- 02.86	112098	14 65		01.83- 02.86	113467	12 3.7
		01.83- 02.86	112736	14 65				
		03.86- 12.91	110766	28 27				
		03.86- 10.91	113470	28 35				
MK 75-9 4.1	[BF4L913T]	01.83- 05.89	112046	14 95		01.83- 02.86	110536	12 2.7
		11.85- 10.87	110766	28 27				
		11.87- 05.89	113470	28 35				
	[F4L913]	01.83- 05.89	112046	14 95		01.83- 02.86	110536	12 2.7
		01.83- 02.86	112098	14 65				
		01.83- 02.86	112736	14 65				
MK 80-13 6.1	[BF6L913T]	01.83- 12.91	112046	14 95		04.85- 02.86	113467	12 3.7
		01.83- 02.86	112098	14 65		01.83- 03.85	110536	12 2.7
		01.83- 02.86	112736	14 65		03.86- 12.91	110523	24 4.8
		03.86- 12.89	113470	28 35				
	[F6L913]	01.83- 12.91	112046	14 95		01.83- 12.91	110523	24 4.8
MK 80-16 6.1	[BF6L913]	01.83- 12.91	112046	14 95		03.86- 12.91	110523	24 4.8
		01.83- 02.86	112098	14 65		01.83- 02.86	113467	12 3.7
		01.83- 02.86	112736	14 65				
		03.86- 12.89	113470	28 35				
MK 80-9 4.1	[F4L913]	01.83- 02.86	112046	14 95		01.83- 02.86	110536	12 2.7
		01.83- 02.86	112098	14 65				
		01.83- 02.86	112736	14 65				
MK 90-13 6.1	[BF6L913T]	01.83- 12.91	112046	14 95		04.85- 12.91	113467	12 3.7
		01.83- 02.86	112098	14 65		01.83- 03.85	110536	12 2.7
		01.83- 02.86	112736	14 65		03.86- 12.91	110523	24 4.8
		03.86- 12.91	113470	28 35				
P/PA 120-13 6.2	[BF6L913T]	08.83- 02.88	110766	28 27		08.83- 09.90	110523	24 4.8
		03.88- 12.89	113470	28 35				
	[F6L913]	01.83- 02.86	110766	28 27		01.83- 02.86	110523	24 4.8
P/PA 120-16 6.2	[BF6L913]	01.83- 02.88	110766	28 27		01.83- 11.89	113464	24 4.0
		03.88- 11.89	113470	28 35				
P/PA 120-17 6.2	[BF6L913]	01.83- 11.89	110766	28 27		01.83- 11.89	113464	24 4.0
		03.88- 11.89	113470	28 35				
P/PA 150-16 6.2	[BF6L913]	01.83- 02.88	110766	28 27		01.83- 12.91	113464	24 4.0
		03.88- 12.89	113470	28 35				
P/PA 159-17 8.1	[8360.05.254]	07.82- 09.86	111142			07.82- 09.86	110518	24 4.0
P/PA 160-17 6.2	[BF6L913]	07.89- 07.96	113470	28 35		07.89- 12.93	113464	24 4.0
	[BF6L913/U]	07.89- 07.96	113470	28 35		07.89- 07.96	113464	24 4.0

## STARTERS & ALTERNATORS

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Application list

**IVECO** Continued

P/PA 160-23 12.8	[BF8L513]	06.86- 05.89	110766	28 27	06.86- 05.89	110535	24 5.4
		06.86- 05.89	113470	28 35			
	[F8L413F]	04.84- 05.89	110766	28 27	04.84- 05.89	110534	24 5.4
		01.85- 05.89	113470	28 35			
P/PA 160-30 12.8	[BF8L513]	06.86- 02.88	110766	28 27	06.86- 05.89	110535	24 5.4
		03.88- 05.89	113470	28 35			
P/PA 170-23 13.4	[F8L513]	04.88- 07.96	113470	28 35	01.90- 07.96	110534	24 5.4
					04.88- 07.91	110535	24 5.4
P/PA 170-25 13.4	[F8L513]	03.89- 12.93	113470	28 35	03.89- 07.91	110535	24 5.4
P/PA 170-34 12.8	[BF8L513]	04.89- 07.91	113470	28 35	04.89- 07.91	110535	24 5.4
P/PA 180-23 13.4	[F8L513]	01.91- 12.93	112747	28 55	07.91- 07.00	110535	24 5.4
		01.91- 12.93	113470	28 35			
P/PA 180-25 13.4	[F8L513]	01.91- 07.00	112747	28 55	07.91- 07.00	110535	24 5.4
		01.91- 07.00	113470	28 35			
P/PA 180-34 12.8	[BF8L513]	07.91- 07.00	112747	28 55	07.91- 07.00	110535	24 5.4
P/PA 190-25 12.8	[F8L413F]	07.83- 09.90	110117	28 35	07.83- 09.90	110535	24 5.4
		07.83- 06.86	110766	28 27			
P/PA 190-30 13.8	[8210.22.175]	04.87- 01.99	111142		04.87- 01.99	110213	24 6.6
		04.87- 01.99	111419	28 55			
		04.87- 01.99	111987	28 55			
	[8210.22.210]	04.87- 12.90	111419	28 55			
		04.87- 12.90	111987	28 55			
		04.87- 12.90	112097	28 30			
		09.87- 09.97	111142				
	Eng. 461335-	09.87- 09.97	111987	28 55			
	Eng. -461334	09.87- 09.97	111419	28 55			
	[8210.22.236]	04.87- 12.90	111419	28 55			
		04.87- 12.90	111987	28 55			
		04.87- 12.90	112097	28 30			
		09.87- 09.97	111142				
	Eng. 461335-	09.87- 09.97	111987	28 55			
	Eng. -461334	09.87- 09.97	111419	28 55			
	[8210.22.511]	09.87- 09.97	111142		09.87- 09.97	110213	24 6.6
	Eng. 461335-	09.87- 09.97	111987	28 55			
	Eng. -461334	09.87- 09.97	111419	28 55			
	[8210.22.521]	09.87- 09.97	111142		01.87- 09.97	110213	24 6.6
	Eng. 461335-	09.87- 09.97	111987	28 55			
	Eng. -461334	09.87- 09.97	111419	28 55			
	[8210.22.523]	09.87- 09.97	111142		09.87- 09.97	110213	24 6.6
	Eng. 461335-	09.87- 09.97	111987	28 55			
	Eng. -461334	08.87- 09.97	111419	28 55			
	[8210.22.525]	09.87- 09.97	111142		09.87- 09.97	110213	24 6.6
	Eng. 461335-	09.87- 09.97	111987	28 55			
	Eng. -461334	09.87- 09.97	111419	28 55			
	[8210.22.535]	09.87- 09.97	111142		09.87- 09.97	110213	24 6.6
	Eng. 461335-	09.87- 09.97	111987	28 55			
	Eng. -461334	09.87- 09.97	111419	28 55			
	[8210.22.537]	09.87- 09.97	111142		09.87- 09.97	110213	24 6.6
	Eng. 461335-	09.87- 09.97	111987	28 55			
	Eng. -461334	09.87- 09.97	111419	28 55			
P/PA 190-32 16.0	[F10L413F]	01.83- 12.85	110766	28 27	01.83- 12.85	110534	24 5.4
P/PA 260-25 12.8	[F8L413F]	12.79- 06.86	110117	28 35	07.83- 06.86	110535	24 5.4
		07.83- 06.86	110766	28 27	12.79- 06.86	110534	24 5.4
P/PA 260-25 13.4	[F8L513]	04.89- 12.99	113470	28 35	04.89- 12.99	110535	24 5.4
P/PA 260-30 12.8	[BF8L513]	06.86- 02.88	110766	28 27	06.86- 05.90	110535	24 5.4
		06.86- 05.90	112747	28 55			
		03.88- 12.89	113470	28 35			
P/PA 260-32 16.0	[F10L413F]	01.83- 12.85	110766	28 27	01.83- 12.85	110534	24 5.4
P/PA 260-34 12.8	[BF8L513]	04.89- 12.99	113470	28 35	04.89- 12.99	110535	24 5.4
P/PA 300-30 12.8	[BF8L513]	04.87- 05.89	112747	28 55	04.87- 05.89	110535	24 5.4
P/PA 330-30 12.8	[BF8L513]	05.86- 02.88	110766	28 27	05.86- 09.90	110535	24 5.4
		03.88- 12.89	113470	28 35			
P/PA 330-30 13.8	[8210.22X.069]	10.87- 12.95	111142		10.87- 12.95	110212	24 6.6
	[8210.22X.235]	01.84- 07.96	111142		06.84- 12.92	110212	24 6.6
		02.90- 12.92	111419	28 55			
		01.91- 12.92	111987	28 55			
		01.91- 12.92	112097	28 30			
	[8210.22X.523]	06.84- 12.92	111142		06.84- 12.92	110212	24 6.6
		02.90- 12.92	111419	28 55			
	[8210.22X.575]	10.87- 12.95	111142		10.87- 12.95	110212	24 6.6
P/PA 330-36 13.8	[8210.42.210]	01.89- 10.90	111987	28 55	10.91- 12.99	110213	24 6.6
		10.91- 12.99	111419	28 55			
	[8210.42.235]	01.89- 10.90	111987	28 55	10.91- 12.99	110213	24 6.6
		10.91- 12.99	111419	28 55			
	[8210.42.237]	01.89- 10.90	111987	28 55	10.91- 12.99	110213	24 6.6
		10.91- 12.99	111419	28 55			
	[8210.42.269]	01.89- 10.90	111987	28 55	10.91- 12.99	110213	24 6.6
		10.91- 12.99	111419	28 55			
	[8210.42.270]	01.89- 10.90	111987	28 55	10.91- 12.99	110213	24 6.6
		10.91- 12.99	111419	28 55			
	[8210.42.271]	01.89- 10.90	111987	28 55	10.91- 12.99	110213	24 6.6
		10.91- 12.99	111419	28 55			
P/PA 340-34 12.8	[BF8L513]	03.89- 12.98	113470	28 35	03.89- 12.98	110535	24 5.4



Various Models						1327A.. 01.73- 01.00	112579#	12	6.5
							110523	24	4.8
						07.86-	113464	24	4.0
						01.71- 10.82	110213	24	6.6
						11.74- 05.79	110517	24	3.2
						03.77- 07.82	110518	24	4.0
						09.72- 12.79	110519	12	3.0
						11.74- 05.79	110521	24	4.0
<b>MARINE</b>									
8041 3.9	[8041SRM15.10]					01.90- 12.00	110813	12	2.7
8141 2.4	[8141SRM1300]					09.91- 12.01	110813	12	2.7
8210 13.9	[8210M22.10]	09.86- 12.00	112097	28	30	01.90-	110532	24	6.6
		12.88- 12.00	111419	28	55				
8281 17.0	[8281M32.10]	01.90-	111419	28	55	01.90-	110532	24	6.6
8282 17.0	[8282.02..., 22..]	01.92-	111419	28	55	01.92-	110532	24	6.6
8361 8.0	[8361.25.540..]					01.92- 12.02	110522	12	3.0
8361 8.1	[8361M16.10]					01.90- 12.00	110522	12	3.0
8460 9.5	[5460.41.970]	10.89-	111419	28	55	10.89-	110582	24	5.4
Various Models		06.83- 02.90	112097	28	30		113453	24	6.5
		03.90- 12.00	111686	14	65				
		05.89- 12.00	111419	28	55				
<b>MOTORS</b>									
8040 3.9	[8040.25.900]					06.87- 12.99	110813	12	2.7
8041 3.7	[8041.04..]					07.83- 12.84	110517	24	3.2
						07.83- 12.84	110813	12	2.7
8041 3.9	[8041.05..]					10.89- 12.89	110517	24	3.2
						06.86- 09.88	110521	24	4.0
						06.86- 09.88	110529	12	3.0
						06.87- 12.89	110813	12	2.7
8051 4.9	[8051.05..]					01.84-	110521	24	4.0
						01.84-	110529	12	3.0
8061 5.5	[8061.04..]					06.83- 09.86	110521	24	4.0
						06.83- 09.86	110529	12	3.0
8061 5.9	[8061..]	01.86-	111419	28	55	01.86- 12.00	110813	12	2.7
						01.86- 12.00	110529	12	3.0
8141 2.4	[8141..]	01.90- 08.93	110882	14	45	01.90-	110814	12	2.7
8210 13.0	[8210.22.170]	06.83- 12.89	112097	28	30	01.90-	110532	24	6.6
8210 13.8	[8210..]	03.85- 12.89	112097	28	30	03.85-	110532	24	6.6
8215 13.8	[8215.22.545]					01.87-	110347	24	7.5
8217 13.8	[8217.32.036]					01.91-	110532	24	6.6
8262 12.9	[8262.43.001]					01.90-	110347	24	7.5
8281 17.0	[8281.22..., 42..]					03.90-	110532	24	6.6
8281 17.2	[8281.02..., 22..]	06.83-	111419	28	55	06.83-	110532	24	6.6
		06.83- 10.86	112097	28	30				
8361 8.1	[8361.25..]	06.83-	111419	28	55	06.83- 12.85	110522	12	3.0
	[8361SI10.00]	06.83-	111686	14	65				
8460 9.5	[8460SI..]					01.90- 12.00	110522	12	3.0
						10.89-	110582	24	5.4
<b>Jacobsen</b>									
<b>AGRICULTURE</b>									
Lawn Mower	[VM Motori]						114055	12	2.3
<b>Jaguar</b>									
<b>PASSENGER CARS EU</b>									
S-type 2.5 V6	[JB]					04.02-	111303	12	0.8
						04.02-	111459	12	1.2
XJ 6 2.9	[AJ6]	10.86- 08.90	111157#	14	90	10.86- 08.90	113745	12	1.4
XJ 6 3.2 24V	[9BPMNA]					09.90- 11.94	113745	12	1.4
XJ 6 3.6	[AJ6]					10.86- 08.89	113745	12	1.4
	[AJ6.4]	10.86- 08.89	111157#	14	90	10.86- 08.89	113745	12	1.4
XJ 6 4.0	[9EPCNA]					09.89- 11.94	113745	12	1.4
XJ S 3.6	[AJ6]					10.86- 12.89	113745	12	1.4
XJ S 4.0	[9EPCNA]					05.91- 09.94	113745	12	1.4
XJ S 5.3	[V12]					01.87- 05.92	113171	12	2.0
XJ SC 3.6	[AJ6]					10.86- 12.88	113745	12	1.4
XJ SC 4.0	[9EPCNA]					05.91- 09.94	113745	12	1.4
X-type 2.0 V6						11.03-	111374	12	1.5
X-type 2.0 Diesel	[FMBA]	07.03- 10.05	113709	14	115	07.03- 10.05	112821	12	2.2
	[FMBB]	07.03- 10.05	113709	14	115	07.03- 10.05	112821	12	2.2
X-type 2.2 Diesel	[LJ46G]	10.05-	113709	14	115	10.05-	112821	12	2.2
<b>PASSENGER CARS US</b>									
XJ 4.2		01.71- 01.71	110179	14	36				
XJ 12 5.3		01.73- 01.74	111204	14	70				
XJ 12 5.3 L		01.79- 01.79	111204	14	70				
XJ 12 6.0						01.93- 01.96	113171	12	2.0
XJ 6 4.2		01.72- 01.74	110179	14	36				
XJ 6 4.2 C		01.75- 01.77	110179	14	36				
XJ 6 4.2 L		01.75- 01.77	110179	14	36				
XJS 5.3		01.76- 01.81	111204	14	70				
XJS 6.0						01.94- 01.95	113171	12	2.0
X-type 2.5						01.02- 01.03	111374	12	1.5
X-type 3.0						01.02- 01.03	111374	12	1.5
<b>JCB</b>									
<b>AGRICULTURE</b>									
Excavators	[Isuzu 6BG1]						114483	24	4.5
Various Models							114320	12	3.0
							114264	12	4.2
<b>INDUSTRY</b>									
3	[BMC 384/4]					01.71- 01.80	111573	12	2.8
	[BMC 4/65]					01.71- 01.80	111573	12	2.8

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

JCB Continued

8	[Perkins 6-354]				01.69- 01.74	110460	12	2.8	
					01.85- 01.90	113654	12	3.0 MA	
					01.85- 01.90	113655	12	3.0 MA	
					01.69-	114387	12	3.2 IS	
					01.69-	114388	12	3.2 IS	
110	[Perkins 4-243]				01.70- 01.81	110460	12	2.8	
407 Diesel		01.93-	114360	14	70				
420 Loader					01.82- 01.91	110615	12	2.8	
430 Loader					01.83-	110615	12	2.8	
2B					01.69- 01.70	111573	12	2.8	
2CX Diesel Backhoe Loader		01.92-	114081	14	95				
		01.92-	114360	14	70				
2D	[BMC 384/4]				01.72- 01.80	111573	12	2.8	
	[BMC 4/65]				01.71- 01.80	111573	12	2.8	
3CX Diesel Backhoe Loader		01.85-	114360	14	70				
		01.85-	114081	14	95				
4CX Loader					01.91-	110615	12	2.8	
4D	[BMC 384/4]				01.72- 01.80	111573	12	2.8	
	[BMC 4/65]				01.71- 01.80	111573	12	2.8	
5C					01.70- 01.71	110460	12	2.8	
6C					01.70- 01.71	110460	12	2.8	
7B					01.69- 01.71	110460	12	2.8	
7C					01.69- 01.71	110460	12	2.8	
Excavators	[Isuzu 4HK1/ 14HK1T]					114659	24	5.0	
	[Isuzu 6BG1]					114483	24	4.5	
Mini Digger					01.99-	110552	12	1.2	
Various Models		01.87-	113763	14	85				
					01.85-	110615	12	2.8	
					01.85-	114264	12	4.2	
					01.85-	113181	12	2.3	
						112534	12	2.0	
<b>Jeep</b>									
<b>PASSENGER CARS EU</b>									
Cherokee 2.1 TD	[J8S]				01.88-	111114	12	3.1	
Cherokee 2.5 i	[EPE]	12.91- 01.98	111193	14	90	06.94- 11.96	112301	12	1.2
		11.96- 01.97	111194#	14	120	AT 11.96-	114238	12	1.4
						12.91- 05.94	111490	12	1.4
	[HX]	12.91-	111193	14	90	06.94- 11.96	112301	12	1.2
						12.91- 05.94	111490	12	1.4
Cherokee 2.5 TD	[VMHR425CLIRX]	10.95-	114243	14	130	09.94- 08.96	112454	12	2.2
		10.95-	114828	14	90				
Cherokee 2.5 CRD	[R425 (DOHC)]	09.01-	114405	14	110	09.01-	114279	12	2.2
Cherokee 2.8 CRD	[ENR]	11.02-	114377	14	110	11.02-	114279	12	2.2
Cherokee 3.7 V6	[EKG]	08.03-	113607	14	136				
Cherokee 4.0 i	[ERH]	01.87- 01.91	110986	14	100/105	01.88-	111349	12	1.2
		01.91-	111193	14	90 ▲				
		01.95-	111194#	14	120				
		02.99-	113358	14	117				
	[MX]	12.91-	111193	14	90	12.91-	111349	12	1.2
CJ5 - CJ8 2.5		01.81- 01.86	110505	14	75				
		01.81- 01.82	110233	14	63				
		01.80- 12.87	110504	14	90				
	AC	01.83- 01.86	110508	14	78				
Commander 3.0 CRD	[EXL]	04.06-	114042	14	180	04.06-	114878	12	2.2
						04.06-	115420	12	1.7
Grand Cherokee 2.5 TD	[M51]	10.95- 04.99	114828	14	90	10.95- 08.96	112454	12	2.2
						08.96- 04.99	114233	12	2.2
	[M52]	10.95- 04.99	114828	14	90	10.95- 08.96	112454	12	2.2
						08.96- 04.99	114233	12	2.2
Grand Cherokee 2.7 CRD 4x4	[ENF]	10.01-	114210	14	120	10.01-	114144	12	2.0
						10.01-	114237	12	2.2
Grand Cherokee 3.0 CRD	[EXL]					06.05-	114878	12	2.2
Grand Cherokee 3.1	[EXA]	04.99-	114243	14	130				
Grand Cherokee 4.0	[ERH]					04.99-	111349	12	1.2
Grand Cherokee 4.0 AWD	[ERH]	09.92- 04.99	111193	14	90	09.91-	111349	12	1.2
Grand Cherokee 4.0 i	[MX]	09.91-	111193	14	90	09.91-	111349	12	1.2
		01.94-	111194#	14	120				
	[S01]	10.95- 01.98	111193	14	90	10.95-	111349	12	1.2
		10.95- 01.98	111194#	14	120				
Grand Cherokee 4.7 V8	[EVA]					08.00-	113618	12	1.6
Grand Cherokee 5.2	[Y01]	10.95- 01.98	111193	14	90				
		01.97- 01.98	111194#	14	120				
Grand Cherokee 5.2 AWD	[ELF]	01.98- 04.99	111193	14	90				
		01.98- 04.99	111194#	14	120				
Grand Cherokee 5.2 i	[Y]	01.92- 01.99	111193	14	90				
		01.97- 01.99	111194#	14	120				
Grand Wagoneer						01.81-	110231	12	
Patriot 2.0 TD	[ECD]	02.07-	113884	14	150	02.07-	114217	12	2.0
	[ECE]	02.07-	113884	14	150	02.07-	114217	12	2.0
Various Models						01.81- 01.83	110231	12	
						01.81-	110414	12	
						Eng. 232, 258 01.65- 01.77	110509	12	1.4
						4.2 01.87-	111349	12	1.2
							111490	12	1.4
						01.86-	112541	12	2.2
						Eng. 350 01.68- 01.70	112897	12	1.7
Wrangler 2.5	[4L]	01.86- 01.91	110508	14	78	01.88- 05.94	111490	12	1.4
		01.91- 12.91	111193	14	90	06.94-	112301	12	1.2
	[P00]	08.96- 01.98	111193	14	90	AT 08.96-	114238	12	1.4
		08.96- 01.97	111194#	14	120	08.96-	112301	12	1.2



Wrangler 4.0	[6L]	12.91-	111193	14	90	12.91-	111349	12	1.2
	[ERH]					01.97- 12.02	111349	12	1.2
	[S01]	08.96- 01.98	111193	14	90	08.96-	111349	12	1.2
Wrangler 4.2	[6L<C2V>]	01.86- 01.89	110508	14	78				
<b>PASSENGER CARS US</b>									
Cherokee 2.1 Turbo						01.85- 01.87	111114	12	3.1
						01.85- 01.87	112541	12	2.2
Cherokee 2.1 Turbo Chief						01.86- 01.87	111114	12	3.1
Cherokee 2.1 Turbo Laredo						01.86- 01.87	111114	12	3.1
Cherokee 2.1 Turbo Pioneer						01.86- 01.87	111114	12	3.1
Cherokee 2.5		01.84- 01.87	110505	14	75	01.86- 01.93	111490	12	1.4
		01.84- 01.87	110471	14	94	01.98- 01.98	112301	12	1.2
		01.84- 01.87	110233	14	63				
		01.83- 01.87	110508	14	78				
		01.99- 01.00	113358	14	117				
		01.91- 01.98	113063	14	90				
		01.88- 01.90	110724	14	61/74				
Cherokee 2.5 Chief		01.86- 01.87	110471	14	94	01.86- 01.87	111490	12	1.4
		01.86- 01.87	110505	14	75				
		01.86- 01.87	110233	14	63				
		01.86- 01.87	110508	14	78				
		01.88-	110724	14	61/74				
Cherokee 2.5 Laredo		01.86- 01.87	110508	14	78	01.86- 01.89	111490	12	1.4
		01.86- 01.87	110471	14	94				
		01.86- 01.87	110233	14	63				
		01.86- 01.87	110505	14	75				
		01.88- 01.89	110724	14	61/74				
Cherokee 2.5 Pioneer		01.86- 01.87	110471	14	94	01.86- 01.89	111490	12	1.4
		01.86- 01.87	110233	14	63				
		01.86- 01.87	110505	14	75				
		01.86- 01.87	110508	14	78				
		01.88- 01.89	110724	14	61/74				
Cherokee 2.5 SE		01.94- 01.97	113063	14	90	01.94- 01.97	111490	12	1.4
						01.94- 01.97	112301	12	1.2
Cherokee 2.8		01.84- 01.86	110505	14	75	01.84- 01.86	111034	12	1.2
		01.84- 01.86	110508	14	78				
		01.84- 01.86	110471	14	94				
Cherokee 2.8 Chief		01.86- 01.86	110505	14	75	01.86- 01.86	111034	12	1.2
		01.86- 01.86	110508	14	78				
		01.86- 01.86	110471	14	94				
Cherokee 2.8 Laredo		01.86- 01.86	110505	14	75	01.86- 01.86	111034	12	1.2
		01.86- 01.86	110508	14	78				
		01.86- 01.86	110471	14	94				
Cherokee 2.8 Pioneer		01.86- 01.86	110471	14	94	01.86- 01.86	111034	12	1.2
		01.86- 01.86	110505	14	75				
		01.86- 01.86	110508	14	78				
Cherokee 4.0		01.00- 01.00	113358	14	117	01.87- 01.98	111349	12	1.2
		01.91- 12.98	113063	14	90				
		01.87- 01.90	110986	14	100/105				
Cherokee 4.0 Briarwood		01.91- 01.92	113063	14	90	01.91- 01.92	111349	12	1.2
Cherokee 4.0 Chief		01.87- 01.88	110986	14	100/105	01.87- 01.88	111349	12	1.2
Cherokee 4.0 Country		01.93- 01.97	113063	14	90	01.93- 01.97	111349	12	1.2
Cherokee 4.0 Laredo		01.91- 01.92	113063	14	90	01.87- 01.92	111349	12	1.2
		01.87- 01.90	110986	14	100/105				
Cherokee 4.0 Limited		01.91- 01.92	113063	14	90	01.87- 01.92	111349	12	1.2
		01.87- 01.90	110986	14	100/105				
Cherokee 4.0 Pioneer		01.87- 01.90	110986	14	100/105	01.87- 01.90	111349	12	1.2
Cherokee 4.0 SE		01.94- 01.97	113063	14	90	01.94- 01.97	111349	12	1.2
Cherokee 4.0 Sport		01.91- 01.97	113063	14	90	01.90- 01.97	111349	12	1.2
		01.90- 01.90	110986	14	100/105				
Cherokee 4.2		01.77- 01.83	110505	14	75	01.77- 01.80	110231	12	
		01.81- 01.83	110235	14	80	01.74- 01.76	110509	12	1.4
		01.80- 01.82	110502	14	100/105				
		01.74- 01.76	110408	14	35				
Cherokee 4.2 S		01.74- 01.76	110408	14	35	01.74- 01.76	110509	12	1.4
Cherokee 5.9		01.81- 01.83	110505	14	75	01.77- 01.80	110231	12	
		01.81- 01.83	110235	14	80	01.74- 01.76	110509	12	1.4
		01.77- 01.80	110237	14	60				
		01.74- 01.76	110408	14	35				
Cherokee 5.9 S		01.74- 01.76	110408	14	35	01.74- 01.76	110509	12	1.4
Cherokee 6.6		01.77- 01.78	110237	14	60	01.77- 01.78	110231	12	
		01.74- 01.76	110408	14	35	01.74- 01.76	110509	12	1.4
Cherokee 6.6 S		01.74- 01.76	110408	14	35	01.74- 01.76	110509	12	1.4
CJ3 3.7		01.66- 01.66	110075	14	60				
CJ5 2.2		01.68- 01.71	110075	14	60				
CJ5 2.5		01.80- 01.83	110505	14	75	01.80- 01.83	110414	12	
CJ5 3.7		01.66- 01.71	110075	14	60				
CJ5 3.8		01.77- 01.78	110505	14	75	01.77- 01.78	110231	12	
		01.72- 01.76	110408	14	35	01.72- 01.76	110509	12	1.4
CJ5 4.2		01.77- 01.83	110505	14	75	01.77- 01.80	110231	12	
		01.81- 01.83	110235	14	80	01.72- 01.76	110509	12	1.4
		01.80- 01.82	110502	14	100/105				
		01.72- 01.76	110408	14	35				
CJ5 5.0		01.81- 01.81	110505	14	75	01.77- 01.80	110231	12	
		01.77- 01.80	110237	14	60	01.72- 01.76	110509	12	1.4
		01.72- 01.76	110408	14	35				
CJ6 2.2		01.68- 01.71	110075	14	60				
CJ6 3.7		01.66- 01.71	110075	14	60				
CJ6 3.8		01.72- 01.75	110408	14	35	01.72- 01.75	110509	12	1.4

# STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

JEEP Continued

CJ6 4.2	01.72- 01.75	110408	14 35	01.72- 01.75	110509	12 1.4
CJ6 5.0	01.72- 01.75	110408	14 35	01.72- 01.75	110509	12 1.4
CJ7 2.5	01.80- 01.86	110505	14 75	01.80- 01.83	110414	12
	01.83- 01.86	110471	14 94			
	01.83- 01.86	110508	14 78			
CJ7 3.8	01.76- 01.78	110505	14 75	01.76- 01.78	110509	12 1.4
CJ7 4.2	01.76- 01.86	110505	14 75	01.79- 01.80	110231	12
	01.81- 01.86	110235	14 80	01.76- 01.78	110509	12 1.4
	01.80- 01.82	110502	14 100/105			
CJ7 5.0	01.78- 01.81	110505	14 75	01.78- 01.81	110231	12
	01.76- 01.77	110237	14 60	01.76- 01.77	110509	12 1.4
Comanche 2.1 Turbo				01.87- 01.87	111114	12 3.1
Comanche 2.1 Turbo Custom				01.86- 01.86	111114	12 3.1
Comanche 2.1 Turbo Laredo				01.87- 01.87	111114	12 3.1
Comanche 2.1 Turbo Pioneer				01.87- 01.87	111114	12 3.1
Comanche 2.1 Turbo X				01.86- 01.86	111114	12 3.1
Comanche 2.1 Turbo XLS				01.86- 01.86	111114	12 3.1
Comanche 2.5	01.87- 01.90	110724	14 61/74	01.87- 01.92	111490	12 1.4
	01.91- 12.97	113063	14 90			
Comanche 2.5 Chief	01.87- 01.88	110724	14 61/74	01.87- 01.88	111490	12 1.4
Comanche 2.5 Custom	01.86- 01.86	110471	14 94	01.86- 01.86	111490	12 1.4
	01.86- 01.86	110233	14 63			
	01.83- 01.86	110508	14 78			
	01.86- 01.86	110505	14 75			
Comanche 2.5 Laredo	01.87- 01.88	110724	14 61/74	01.87- 01.88	111490	12 1.4
Comanche 2.5 Pioneer	01.91- 01.91	113063	14 90	01.87- 01.91	111490	12 1.4
	01.87- 01.90	110724	14 61/74			
Comanche 2.5 X	01.86- 01.86	110508	14 78	01.86- 01.86	111490	12 1.4
	01.86- 01.86	110471	14 94			
	01.86- 01.86	110233	14 63			
	01.86- 01.86	110505	14 75			
Comanche 2.5 XLS	01.86- 01.86	110471	14 94	01.86- 01.86	111490	12 1.4
	01.86- 01.86	110508	14 78			
	01.86- 01.86	110233	14 63			
	01.86- 01.86	110505	14 75			
Comanche 2.8 Custom	01.86- 01.86	110471	14 94	01.86- 01.86	111034	12 1.2
	01.86- 01.86	110508	14 78			
Comanche 2.8 X	01.86- 01.86	110471	14 94	01.86- 01.86	111034	12 1.2
	01.86- 01.86	110508	14 78			
Comanche 2.8 XLS	01.86- 01.86	110471	14 94	01.86- 01.86	111034	12 1.2
	01.86- 01.86	110508	14 78			
Comanche 4.0	01.87- 01.90	110986	14 100/105	01.87- 01.92	111349	12 1.2
	01.91- 01.92	113063	14 90			
Comanche 4.0 Chief	01.87- 01.88	110986	14 100/105	01.87- 01.88	111349	12 1.2
Comanche 4.0 Eliminator	01.91- 01.92	113063	14 90	01.88- 01.92	111349	12 1.2
	01.88- 01.90	110986	14 100/105			
Comanche 4.0 Laredo	01.87- 01.88	110986	14 100/105	01.87- 01.88	111349	12 1.2
Comanche 4.0 Pioneer	01.91- 01.92	113063	14 90	01.87- 01.92	111349	12 1.2
	01.87- 01.90	110986	14 100/105			
Commando 3.7	01.66- 01.67	110075	14 60			
Dispatcher 3.7	01.66- 01.67	110075	14 60			
DJ5 2.2	01.68- 01.71	110075	14 60			
DJ5 3.7	01.66- 01.70	110075	14 60			
DJ5 3.8	01.72- 01.74	110408	14 35	01.72- 01.74	110509	12 1.4
DJ5 4.2	01.73- 01.74	110408	14 35	01.73- 01.74	110509	12 1.4
DJ6 3.7	01.66- 01.68	110075	14 60			
FC150 3.7	01.66- 01.66	110075	14 60			
FC170 3.7	01.66- 01.66	110075	14 60			
Grand Cherokee 4.0	01.93- 01.93	113063	14 90	01.93- 01.93	111349	12 1.2
Grand Cherokee 4.0 Laredo	01.93- 01.98	113063	14 90	01.93- 01.98	111349	12 1.2
Grand Cherokee 4.0 Limited	01.93- 01.98	113063	14 90	01.93- 01.98	111349	12 1.2
Grand Cherokee 4.0 Orvis	01.95- 01.97	113063	14 90	01.95- 01.97	111349	12 1.2
Grand Cherokee 4.0 SE	01.94- 01.95	113063	14 90	01.94- 01.95	111349	12 1.2
Grand Cherokee 4.7	01.02-	113607	14 136			
Grand Cherokee 4.7 Laredo	01.01- 01.03	113607	14 136	01.00- 01.00	113618	12 1.6
	01.00- 01.00	113559	14 136			
Grand Cherokee 4.7 Limited	01.01- 01.03	113607	14 136	01.00- 01.00	113618	12 1.6
	01.00- 01.00	113559	14 136			
Grand Cherokee 4.7 Overland	01.02- 01.03	113607	14 136			
Grand Cherokee 4.7 Special Edition	01.04-	113607	14 136			
Grand Cherokee 5.2	01.93- 01.98	112833#	14 90	01.93- 01.98	113044	12 1.4
	01.98- 01.98	113071	14 136			
Grand Cherokee 5.2 Laredo	01.93- 01.98	112833#	14 90	01.93- 01.98	113044	12 1.4
	01.98- 01.98	113071	14 136			
Grand Cherokee 5.2 Limited	01.93- 01.98	112833#	14 90	01.93- 01.98	113044	12 1.4
	01.98- 01.98	113071	14 136			
Grand Cherokee 5.2 Orvis	01.95- 01.97	112833#	14 90	01.95- 01.97	113044	12 1.4
	01.95- 12.97	113071	14 136			
Grand Cherokee 5.2 SE	01.94- 01.95	112833#	14 90	01.94- 01.95	113044	12 1.4
Grand Cherokee 5.9 Limited	01.98- 12.98	113071	14 136	01.98- 01.98	113044	12 1.4
Grand Wagoneer 4.2	01.84- 01.86	110233	14 63			
	01.84- 12.89	110471	14 94			
	01.84- 12.90	110508	14 78			
	01.84- 01.86	110505	14 75			
Grand Wagoneer 5.2	01.93- 01.93	112833#	14 90			
Grand Wagoneer 5.9	01.84- 01.91	110471	14 94	01.89- 01.91	111349	12 1.2
	01.84- 01.91	110508	14 78			
	01.84- 01.91	110235	14 80			



J10 4.2	01.82- 01.87	110235	14	80	01.77- 01.81	110231	12	
	01.77- 01.87	110505	14	75	01.74- 01.76	110509	12	1.4
	01.74- 01.76	110408	14	35				
J10 5.9	01.82- 01.88	110505	14	75	01.88- 01.88	111349	12	1.2
	01.82- 01.88	110235	14	80	01.77- 01.81	110231	12	
	01.88- 01.88	110508	14	78	01.74- 01.76	110509	12	1.4
	01.88- 01.88	110471	14	94				
	01.77- 01.81	110237	14	60				
J10 6.6	01.74- 01.76	110408	14	35				
	01.77- 01.78	110237	14	60	01.77- 01.78	110231	12	
J-100 3.8					01.74- 01.76	110509	12	1.4
J20 4.2	01.74- 01.76	110408	14	35	01.68- 01.71	110509	12	1.4
J20 5.9	01.74- 01.76	110408	14	35	01.74- 01.76	110509	12	1.4
	01.82- 01.88	110505	14	75	01.88- 01.88	111349	12	1.2
	01.82- 01.88	110235	14	80	01.77- 01.81	110231	12	
	01.88- 01.88	110508	14	78	01.74- 01.76	110509	12	1.4
	01.88- 01.88	110471	14	94				
J20 6.6	01.77- 01.81	110237	14	60				
	01.74- 01.76	110408	14	35	01.77- 01.78	110231	12	
J-2500 3.8					01.74- 01.76	110509	12	1.4
J-2500 4.2	01.72- 01.73	110408	14	35	01.68- 01.71	110509	12	1.4
J-2500 5.0	01.72- 01.72	110408	14	35	01.72- 01.73	110509	12	1.4
J-2500 5.9	01.72- 01.73	110408	14	35	01.72- 01.72	110509	12	1.4
J-2600 3.8					01.72- 01.73	110509	12	1.4
J-2600 4.2	01.72- 01.73	110408	14	35	01.68- 01.70	110509	12	1.4
J-2600 5.0	01.72- 01.72	110408	14	35	01.72- 01.73	110509	12	1.4
J-2600 5.9	01.72- 01.73	110408	14	35	01.72- 01.72	110509	12	1.4
J-2700 3.8					01.72- 01.73	110509	12	1.4
J-3500 3.8					01.68- 01.69	110509	12	1.4
J-3600 3.8					01.68- 01.70	110509	12	1.4
J-3700 3.8					01.68- 01.70	110509	12	1.4
J-3800 3.8					01.68- 01.70	110509	12	1.4
Jeepster 2.2	01.67- 01.69	110075	14	60				
Jeepster 2.2 Commando	01.68- 01.71	110075	14	60				
Jeepster 3.7	01.66- 01.69	110075	14	60				
Jeepster 3.7 Commando	01.68- 01.71	110075	14	60				
Jeepster 3.8 Commando	01.72- 01.73	110408	14	35	01.72- 01.73	110509	12	1.4
Jeepster 4.2 Commando	01.72- 01.73	110408	14	35	01.72- 01.73	110509	12	1.4
Jeepster 5.0 Commando	01.72- 01.73	110408	14	35	01.72- 01.73	110509	12	1.4
Liberty 2.4	01.02- 01.02	113607	14	136	01.02- 01.03	113642	12	1.6
Liberty 2.4 Sport					01.03-	113642	12	1.6
Liberty 2.8 CRD 4x4	[ENR]				08.05- 12.07	114279	12	2.2
Liberty 3.7 Limited	01.02- 01.03	113607	14	136				
Liberty 3.7 Renegade	01.03- 01.03	113607	14	136				
Liberty 3.7 Sport	01.02- 01.03	113607	14	136				
Scrambler 2.5	01.83- 01.85	110508	14	78	01.81- 01.83	110414	12	
	01.83- 01.85	110471	14	94				
	01.81- 01.85	110505	14	75				
Scrambler 4.2	01.81- 01.82	110502	14	100/105				
	01.81- 01.85	110505	14	75				
	01.81- 01.85	110235	14	80				
Universal 3.7	01.66- 01.67	110075	14	60				
Wagoneer 2.1 Turbo					01.85- 01.85	111114	12	3.1
Wagoneer 2.5	01.83- 01.90	110508	14	78	01.86- 01.93	111490	12	1.4
	01.84- 01.90	110471	14	94				
	01.84- 01.87	110505	14	75				
	01.84- 01.87	110233	14	63				
	01.91- 12.97	113063	14	90				
Wagoneer 2.5 Islander	01.91- 01.91	113063	14	90	01.89- 01.91	111490	12	1.4
	01.89- 01.90	110508	14	78				
	01.89- 01.90	110471	14	94				
Wagoneer 2.5 Laredo	01.87- 01.88	110508	14	78	01.87- 01.88	111490	12	1.4
	01.87- 01.88	110471	14	94				
Wagoneer 2.5 Limited	01.86- 01.87	110471	14	94	01.86- 01.87	111490	12	1.4
	01.86- 01.87	110508	14	78				
	01.86- 01.87	110233	14	63				
	01.86- 01.87	110505	14	75				
Wagoneer 2.5 Rio Grande	01.95- 01.95	113063	14	90	01.95- 01.95	112301	12	1.2
Wagoneer 2.5 S	01.88- 01.88	110471	14	94	01.88- 01.94	111490	12	1.4
	01.88- 01.88	110508	14	78				
	01.91- 01.94	113063	14	90				
Wagoneer 2.5 Sahara	01.88- 01.90	110508	14	78	01.88- 01.91	111490	12	1.4
	01.88- 01.90	110471	14	94				
	01.91- 01.91	113063	14	90				
Wagoneer 2.5 SE	01.94- 01.97	113063	14	90	01.94- 01.97	112301	12	1.2
					01.94- 01.97	111490	12	1.4
Wagoneer 2.5 Sport	01.87- 01.88	110508	14	78	01.87- 01.88	111490	12	1.4
	01.87- 01.88	110471	14	94				
Wagoneer 2.8	01.84- 01.86	110505	14	75				
	01.84- 01.86	110508	14	78				
	01.84- 01.86	110471	14	94				
Wagoneer 2.8 Limited	01.86- 01.86	110508	14	78				
	01.86- 01.86	110471	14	94				
	01.86- 01.86	110505	14	75				
Wagoneer 4.0	01.87- 01.90	110986	14	100/105	01.87- 01.93	111349	12	1.2
	01.91- 01.93	113063	14	90				
Wagoneer 4.0 Islander	01.91- 01.92	113063	14	90	01.91- 01.92	111349	12	1.2

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**JEEP Continued**

Wagoneer 4.0 Limited	01.87- 01.90	110986	14	100/105	01.87- 01.90	111349	12	1.2
Wagoneer 4.0 Renegade	01.91- 01.94	113063	14	90	01.91- 01.94	111349	12	1.2
Wagoneer 4.0 S	01.92- 01.92	113063	14	90	01.92- 01.92	111349	12	1.2
Wagoneer 4.0 Sahara	01.91- 01.97	113063	14	90	01.91- 01.97	111349	12	1.2
Wagoneer 4.0 SE	01.94- 01.95	113063	14	90	01.94- 01.95	111349	12	1.2
Wagoneer 4.0 Sport	01.97- 01.97	113063	14	90	01.97- 01.97	111349	12	1.2
Wagoneer 4.2	01.87- 01.90	110233	14	63	01.88- 01.90	111349	12	1.2
	01.87- 01.90	110508	14	78	01.80- 01.80	110231	12	
	01.87- 01.90	110471	14	94	01.72- 01.73	110509	12	1.4
	01.80- 01.90	110505	14	75				
	01.81- 01.83	110235	14	80				
	01.80- 01.82	110502	14	100/105				
	01.72- 01.73	110408	14	35				
Wagoneer 4.2 Custom	01.73- 01.73	110408	14	35	01.73- 01.73	110509	12	1.4
Wagoneer 4.2 Islander	01.88- 01.90	110508	14	78	01.88- 01.90	111349	12	1.2
	01.88- 01.90	110471	14	94				
	01.88- 01.90	110233	14	63				
	01.88- 01.90	110505	14	75				
Wagoneer 4.2 Laredo	01.87- 01.90	110471	14	94	01.88- 01.90	111349	12	1.2
	01.87- 01.90	110508	14	78				
	01.87- 01.90	110233	14	63				
	01.87- 01.90	110505	14	75				
Wagoneer 4.2 S	01.88- 01.88	110508	14	78	01.88- 01.88	111349	12	1.2
	01.88- 01.88	110471	14	94				
	01.88- 01.88	110233	14	63				
	01.88- 01.88	110505	14	75				
Wagoneer 4.2 Sahara	01.88- 01.90	110471	14	94	01.88- 01.90	111349	12	1.2
	01.88- 01.90	110508	14	78				
	01.88- 01.90	110233	14	63				
	01.88- 01.90	110505	14	75				
Wagoneer 4.2 Sport	01.87- 01.88	110233	14	63				
	01.87- 01.88	110508	14	78				
	01.87- 01.88	110471	14	94				
	01.87- 01.88	110505	14	75				
Wagoneer 5.9	01.81- 01.83	110505	14	75	01.77- 01.80	110231	12	
	01.81- 01.83	110235	14	80	01.72- 01.76	110509	12	1.4
	01.77- 01.80	110237	14	60				
	01.72- 01.76	110408	14	35				
Wagoneer 5.9 Custom	01.73- 01.76	110408	14	35	01.73- 01.76	110509	12	1.4
Wagoneer 6.6	01.77- 01.78	110237	14	60	01.77- 01.78	110231	12	
	01.74- 01.76	110408	14	35	01.74- 01.76	110509	12	1.4
Wagoneer 6.6 Custom	01.74- 01.76	110408	14	35	01.74- 01.76	110509	12	1.4
Wrangler 2.4 SE					01.03- 01.03	113642	12	1.6
Wrangler 2.5	01.99- 01.00	113358	14	117	01.98- 01.98	112301	12	1.2
	01.98- 01.98	113063	14	90				
Wrangler 4.0	01.98- 01.98	113063	14	90	01.98- 01.98	111349	12	1.2
Wrangler 4.2	01.89- 01.89	110508	14	78	01.89- 01.89	111349	12	1.2
	01.89- 01.89	110233	14	63				
	01.89- 01.89	110471	14	94				
	01.89- 01.89	110505	14	75				
Wrangler 4.2 Islander	01.89- 01.89	110233	14	63	01.89- 01.89	111349	12	1.2
	01.89- 01.89	110471	14	94				
	01.89- 01.89	110508	14	78				
	01.89- 01.89	110505	14	75				
Wrangler 4.2 Laredo	01.89- 01.89	110233	14	63	01.89- 01.89	111349	12	1.2
	01.89- 01.89	110471	14	94				
	01.89- 01.89	110508	14	78				
	01.89- 01.89	110505	14	75				
Wrangler 4.2 Sahara	01.89- 01.89	110508	14	78	01.89- 01.89	111349	12	1.2
	01.89- 01.89	110471	14	94				
	01.89- 01.89	110233	14	63				
	01.89- 01.89	110505	14	75				
<b>PASSENGER CARS AO</b>								
Cherokee 2.5 TDI 4x4	10.96- 09.01	114828	14	90				
	10.96- 09.01	114243	14	130				
Cherokee 3.7 Laredo	10.01- 09.04	113607	14	136	10.01- 09.04	113642	12	1.6
Cherokee 4.0	10.86- 09.90	110986	14	100/105				
<b>Jenbacher Werke</b>								
<b>MISCELLANEOUS</b>								
Various Models					01.92-	112555	12	3.1
					08.83-	112039	12	2.7
<b>Jensen</b>								
<b>PASSENGER CARS US</b>								
Healy 2.0	01.72-	110178	14	36				
<b>John Deere</b>								
<b>AGRICULTURE</b>								
316	[Onan]				01.84- 01.92	113015	12	
318	[Onan]				01.84- 01.92	113015	12	
420	[Onan]				01.83- 01.91	113015	12	
482 Cotton Pickers					01.80- 01.83	111221	12	2.5
484 Cotton Pickers					01.80- 01.83	111221	12	2.5
985 7.6					03.87- 03.02	111224	12	4.0
1032 4.0	10.83- 06.89	110105	14	55	10.92- 10.98	111755	12	3.0
1042 4.0	10.83- 06.89	110105	14	55	10.92- 10.98	111755	12	3.0
1052 4.0	10.83- 06.89	110105	14	55	10.92- 10.98	111755	12	3.0
1055 5.9	10.83- 06.89	110105	14	55	10.92- 10.98	111755	12	3.0
1065 5.9	03.94-	111215	14	120				
	03.94-	113632	14	85				
	03.94-	113531	14	120				



1068 5.9		03.94-	111215	14	120		01.92- 10.96	111755	12	3.0
		03.94-	113632	14	85					
		03.94-	113531	14	120					
1072 5.9		03.94-	111215	14	120					
		03.94-	113632	14	85					
		03.94-	113531	14	120					
1075 5.9		03.94-	111215	14	120		10.81- 12.96	111755	12	3.0
		03.94-	113632	14	85					
		03.94-	113531	14	120					
1085 7.6		03.94-	111215	14	120		02.82- 02.97	111755	12	3.0
		03.94-	113632	14	85					
		03.94-	113531	14	120					
1200	[Kawasaki]							113734#	12	0.6
1445 Diesel Mower	[Yanmar]							114400	12	1.0
1545 Diesel Mower	[Yanmar]							114400	12	1.0
2254							01.85- 01.92	111755	12	3.0
2256							01.85- 01.92	111755	12	3.0
2264							01.85- 01.92	111755	12	3.0
2266							01.85- 01.92	111755	12	3.0
2450							01.85- 01.92	111755	12	3.0
2630							01.74- 01.75	111221	12	2.5
2640							01.76- 01.82	111221	12	2.5
2650							01.85- 01.92	111755	12	3.0
2850							01.85- 01.92	111755	12	3.0
3120			113742	14	40					
3320			113742	14	40					
3520			113742	14	40					
3650							01.85- 01.92	111755	12	3.0
4055 7.6	[6076 TRW-06]	01.89- 06.92	111215	14	120					
4120	[4024T]							113900	12	2.2
4200			113742	14	40					
4210			113742	14	40					
4255 7.6	[6076 TRW..]	01.89- 06.92	111215	14	120					
4300			113742	14	40					
4310			113742	14	40					
4320	[4024T]							113900	12	2.2
4400			113742	14	40					
4410			113742	14	40					
4450 7.6		05.83- 12.88	110445	14	90		05.83- 12.88	111224	12	4.0
4455	[6076 TRW..]	01.89- 06.92	110445	14	90		01.89- 06.92	111224	12	4.0
4500			113742	14	40					
4510			113742	14	40					
4520	[4024T]							113900	12	2.2
4600			113742	14	40					
4610			113742	14	40					
4700			113742	14	40					
4710			113742	14	40					
4720	[4024T]							113900	12	2.2
4755 7.6	[6076 TRW..]	01.89- 05.94	111215	14	120					
4955 7.6	[6076 A]	09.89- 01.92	111215	14	120					
5210								113478	12	2.8
5225								113900	12	2.2
5310								113478	12	2.8
5325								113900	12	2.2
5410								113478	12	2.8
6020		01.94-	112529	14	90					
6100 4.5			113632	14	85					
6110 4.5		01.97-	112062	14	115					
6120 4.5		01.94-	112529	14	90					
		01.94-	113949	14	150					
6200 3.9			113632	14	85					
6205							01.94-	112442	12	3.0
6220 3.9		01.94-	112529	14	90					
		01.94-	113949	14	150					
6230 4.5			114681	14	90					
6320 3.9			112062	14	115		01.94-	113478	12	2.8
		01.94-	112529	14	90					
		01.94-	113949	14	150					
6330 4.5			114681	14	90					
6420 4.5		01.94-	112529	14	90					
		01.94-	113949	14	150					
			112062	14	115					
6430 4.5			114681	14	90					
6505							01.94-	112442	12	3.0
6506								112442	12	3.0
6510							01.94-	112442	12	3.0
6520		01.94-	113949	14	150		01.94-	112442	12	3.0
		01.94-	112529	14	90					
6610							01.94-	112442	12	3.0
6620		01.94-	112529	14	90		01.94-	112442	12	3.0
			112062	14	115					
		01.94-	113949	14	150					
6810 10.0							08.91-	112442	12	3.0
6820		01.94-	112529	14	90		01.94-	112442	12	3.0
6910		01.97-	112062	14	115		01.94-	112442	12	3.0
6920		01.94-	112529	14	90		01.94-	112442	12	3.0
			112062	14	115					
		01.94-	113949	14	150					
7130			114681	14	90			114275	12	4.0

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**JOHN DEERE** *Continued*

7230			114681	14	90			114275	12	4.0
7430		09.06-	113707	14	200					
7530		09.06-	113707	14	200					
7710		01.96-	111830	14	140					
7800 7.6		09.92- 01.96	111830	14	140					
7810		01.96-	111830	14	140					
8120 7.6	[6076 HRW35]	01.01-	113899	14	150					
		08.94-	111830	14	140					
8120 8.1	[6081 HRW06]	03.96-	111830	14	140					
8220 7.6	[6076 HRW35]	01.01-	113899	14	150					
		08.94-	111830	14	140					
8320		01.01-	113899	14	150					
8420		01.01-	113899	14	150					
8520		01.01-	113899	14	150					
9630			114211*	14	200					
9910 Cotton Pickers						01.79- 01.83	111221	12	2.5	
9920 Cotton Pickers						01.83- 01.83	111221	12	2.5	
100F 3.0 Diesel Orchard	[VM Motori]						114055	12	2.3	
6100D							115314	12	2.5	
6125D							115314	12	2.5	
6140D							115314	12	2.5	
6420 S 4.5			112062	14	115					
		01.94-	112529	14	90					
		01.94-	113949	14	150					
76F 2.7 Diesel Orchard	[VM Motori]						114055	12	2.3	
85F 2.7 Diesel Orchard	[VM Motori]						114055	12	2.3	
AMT 622						01.88- 01.90	113734#	12	0.6	
AMT 626						01.90- 01.92	113734#	12	0.6	
GT225	[Kohler]						112546	12	0.6	
L105	[Briggs & Stratton]						113853	12		
LX173	[Kohler]					01.96- 01.96	112546	12	0.6	
LX255	[Kohler]						112546	12	0.6	
STX30	[Kohler]					01.89- 01.93	112546	12	0.6	
STX38	[Kohler]					01.89- 01.93	112546	12	0.6	
Various Models			113975	14	150	01.79- 01.82	112568	12		
			114211*	14	200		113983	12	3.0	
		03.71- 03.88	111649	14	33		113539	12		
		01.88- 01.95	111713	14	105		113596	12	0.6	
			111215	14	120		113597	12	0.6	
		01.81- 01.97	113632	14	85		113663	12	0.7	
		09.79- 10.86	110105	14	55		113007#	24	4.0	
			114263	14	50		110412	12	2.2	
		01.98-	112160	28	75	09.67- 10.86	111755	12	3.0	
			114379	14	150					
			114518	14	55		113853	12		
		01.94- 01.98	113401	14	40		114197	12	1.1	
		01.92- 01.98	113531	14	120		114195	12	3.0	
		01.99- 01.03	113543	14	55		114277	24	7.5	
		01.98-	111647	28	60	01.89- 01.96	113017	12		
		01.88- 01.95	112996	14	115	01.66- 01.83	112564	12		
		01.99- 01.03	113542	14	55		114459	12	4.8	
			114735	14	150		111254#	24	4.5	
							112246	12	0.6	
							110552	12	1.2	
							111087	12	1.0	
							110510	12	0.5	
							114712	24	7.5	
Various models Tractor			114864	28	75		114823	12	0.6	
Various Models	[Kawasaki]						113734#	12	0.6	
			115435	14	55		114486	12		
							114401	12	1.2	
							114674	12	0.6	
X300	[Kawasaki]						114888	12		
X300R	[Kawasaki]						114888	12		
X304	[Kawasaki]						114888	12		
<b>MARINE</b>										
Engine	[4045DFM50]		114864	28	75					
	[4045DFM70]		114864	28	75					
	[6068AFM75]		114864	28	75					
	[6068FM50]		114864	28	75					
<b>INDUSTRY</b>										
317 Skid Steer Loaders	[4024T]						113900	12	2.2	
320 Skid Steer Loaders	[4024T]						113900	12	2.2	
325 Skid Steer Loaders	[5030T]						113900	12	2.2	
328 Skid Steer Loaders	[5030T]						113900	12	2.2	
332 Skid Steer Loaders	[5030T]						113900	12	2.2	
540		01.93-	112996	14	115					
			112773	14	135					
			113999	14	150 IS					
544			113999	14	150 IS					
			112773	14	135					
		01.88- 01.95	112996	14	115					
548			113999	14	150 IS					
			112773	14	135					
		01.93-	112996	14	115					
640			113999	14	150 IS					
			112773	14	135					
		01.93-	112996	14	115					



648			113999	14	150 IS				
			112773	14	135				
		01.93-	112996	14	115				
740			113999	14	150 IS				
			112773	14	135				
		01.93-	112996	14	115				
748			113999	14	150 IS				
			112773	14	135				
		01.93-	112996	14	115				
135C	[Isuzu]							111254#	24 4.5
225C	[6BG1T]							114267	24 4.5
244J Loaders	[4024T]							113900	12 2.2
304J Loaders	[4024T]							113900	12 2.2
350C Crawlers						01.75- 01.81		111221	12 2.5
450C Crawlers						01.74- 01.81		111221	12 2.5
853G 8.3	[6CTA]	01.98-	111647	28	60				
		01.98-	112160	28	75				
F 910 Mowers	[Onan]					01.84- 01.90		113015	12
Various Models			114679	14	35			114195	12 3.0
		12.97-	111649	14	33			113983	12 3.0
						10.66- 02.92		111755	12 3.0
								113007#	24 4.0
								114260	12 1.4
								114712	24 7.5
<b>MOTORS</b>									
3029			115321	14	60				
4039								115314	12 2.5
4045								115314	12 2.5
6329D								111221	12 2.5
G550KE Generator								113734#	12 0.6
<b>Johnson</b>									
<b>MARINE</b>									
20CR						01.97-		111043	12 0.6
						01.97-		112156	12
20E						01.85- 01.95		111043	12 0.6
20EL						01.85- 01.95		111043	12 0.6
25E						01.81- 01.00		111043	12 0.6
25EL						01.81- 01.97		111043	12 0.6
25TE						01.80- 01.00		111043	12 0.6
25TEL						01.80- 01.00		111043	12 0.6
28ESL						01.87- 01.96		111043	12 0.6
30E						01.84- 01.00		111043	12 0.6
30EL						01.84- 01.00		111043	12 0.6
30TE						01.85- 01.97		111043	12 0.6
30TEL						01.85- 01.97		111043	12 0.6
35E						01.80- 01.84		111043	12 0.6
35EL						01.80- 01.84		111043	12 0.6
35TEL						01.83- 01.84		111043	12 0.6
40E EL						01.89- 01.97		110647	12 0.6
40TE TEL						01.89- 01.98		110647	12 0.6
40TL						01.89- 01.98		110647	12 0.6
40TPL						01.99- 01.00		110647	12 0.6
40TTL						01.89- 01.98		110647	12 0.6
48ESL						01.87- 01.96		110647	12 0.6
50BE BEL						01.89- 01.95		110647	12 0.6
50DTL						01.95- 01.98		110647	12 0.6
50EL						01.95- 01.00		110647	12 0.6
50ESL						01.97- 01.98		110647	12 0.6
50PL						01.99- 01.00		110647	12 0.6
50TEL						01.89- 01.95		110647	12 0.6
50TL						01.89- 01.95		110647	12 0.6
50TSL						01.98- 01.98		110647	12 0.6
50TTL						01.95- 01.98		110647	12 0.6
Various Models						01.69- 01.97		110240	12 0.6
						01.73-		110644	12 0.6
						01.70- 01.88		110647	12 0.6
						01.91-		112157	12
								112244	12
								110645	12 0.9
						01.86- 01.00		112145	12 0.5
<b>Kaelble</b>									
<b>MISCELLANEOUS</b>									
Various Models						01.69- 12.70		110409	12 3.0
<b>Kamaz</b>									
<b>TRUCKS EU</b>									
4326 10.9	[740.31]							114702	24 4.0
6540 10.9	[740.13]							114702	24 4.0
	[740.30]							114702	24 4.0
43114 10.9	[740.13]							114702	24 4.0
	[740.31]							114702	24 4.0
43118 10.9	[740.13]							114702	24 4.0
43255 10.9	[740.31]							114702	24 4.0
43261 10.9	[740.11]							114702	24 4.0
	[740.31]							114702	24 4.0
44108 10.9	[740.13]							114702	24 4.0
	[740.30]							114702	24 4.0
45141 10.9	[740.13]							114702	24 4.0
	[740.30]							114702	24 4.0

## STARTERS & ALTERNATORS

O. E. M. names and numbers are used for reference purposes only.



Application list

**KAMAZ** Continued

53205 10.9	[740.11]				114702	24	4.0
	[740.31]				114702	24	4.0
53215 10.9	[740.11]				114702	24	4.0
	[740.31]				114702	24	4.0
53228 10.9	[740.31]				114702	24	4.0
53229 10.9	[740.31]				114702	24	4.0
53605 10.9	[740.30]				114702	24	4.0
	[740.31]				114702	24	4.0
54115 10.9	[740.11]				114702	24	4.0
	[740.31]				114702	24	4.0
55111 10.9	[740.11]				114702	24	4.0
	[740.31]				114702	24	4.0
65111 10.9	[740.13]				114702	24	4.0
65115 10.9	[740.13]				114702	24	4.0
	[740.30]				114702	24	4.0
65116 10.9	[740.30]				114702	24	4.0
65117 10.9	[740.13]				114702	24	4.0
	[740.30]				114702	24	4.0

**Kawasaki**

**MOTOR BIKES**

Various Models					112010	12	
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**MARINE**

Various Models					112010	12	
					113593	12	
				01.76- 01.95	111840	12	0.6
					113596	12	0.6
					113663	12	0.7
					113597	12	0.6

**INDUSTRY**

Various Models 0.6					114486	12	
					113828#	12	1.2

**MOTORS**

FE250D					113734#	12	0.6
FE290D					113734#	12	0.6
FE350D					113734#	12	0.6
FE400D					113734#	12	0.6
FH381V					114888	12	
FH430V					114888	12	
FH480V					114888	12	
GE4500A					113734#	12	0.6
GE5000AS					113734#	12	0.6

**Kenworth**

**TRUCKS US**

C500		01.00- 01.07	113579	14	145		
		01.96- 01.03	113001#	14	110	01.84- 01.85	112089 12
		01.91- 01.94	112996	14	115		
		01.95- 01.03	112824	14	145		
		01.73- 01.90	112262#	14	90		
		01.95- 01.95	112264#	14	105		
		01.91- 01.93	112995	14	145		
		01.95- 01.03	113002#	14	135		
		01.91- 12.93	113432	14	145		
		01.91- 12.94	112996	14	115		
K100		01.97- 01.03	112824	14	145		
T2000		01.96- 01.04	113001#	14	110		
		01.01- 01.07	113579	14	145		
		01.94- 01.95	112264#	14	105	Caterpillar 3126 01.94- 01.04	113126 12
T300		01.96- 01.03	112824	14	145		
		12.95	112996	14	115		
		01.03- 01.07	113579	14	145		
T400		01.91- 12.94	112996	14	115		
T450		01.91- 12.94	112996	14	115		
T600		01.91- 12.93	113432	14	145		
		01.01- 01.07	113579	14	145		
		01.86- 01.92	112262#	14	90		
		01.86- 01.95	112264#	14	105		
		01.96- 01.05	112824	14	145		
		01.91- 01.93	112995	14	145		
		01.91- 01.94	112996	14	115		
		01.96-	112998#	14	85		
		01.96- 01.05	113001#	14	110		
		01.99- 01.03	113002#	14	135		
T800 W900		01.91- 12.94	112996	14	115		
		01.73- 01.90	112262#	14	90		
		01.86- 01.95	112264#	14	105	01.84- 01.85	112089 12
		01.96- 01.04	112824	14	145		
		01.91- 01.93	112995	14	145		
		01.91- 01.94	112996	14	115		
		01.96-	112998#	14	85		
		01.96- 01.05	113001#	14	110		
		01.99- 01.03	113002#	14	135		
		01.91- 12.93	113432	14	145		
	01.00- 01.07	113579	14	145			



KHD							
TRUCKS EU							
Various Models			114365	28	140		114676 12 2.2
		01.71- 12.74	110766	28	27		112534 12 2.0
						06.71- 12.75	112039 12 2.7
						10.98-	110536 12 2.7
						01.64-	110531 24 6.6
						07.73-	112651 24 4.8
						01.73- 12.75	113464 24 4.0
AGRICULTURE							
DX250 9.6							114437 24 5.4
Various Models			115309	28	35		114676 12 2.2
MARINE							
	[BF4M2012]		114783	14	95		
INDUSTRY							
Various Models			114289	14	45		114676 12 2.2
		01.89-	112183	14	60		114320 12 3.0
			114110	28	80		110523 24 4.8
			114365	28	140		
MOTORS							
Engine 0.4	[F1L208]						113981 12 1.5
Engine 0.6 Diesel	[F1L410]					01.67- 06.73	111004 12 2.4
Engine 0.9	[F2L208]						113981 12 1.5
Engine 1.3 Diesel	[F2L410]					01.67- 06.73	111004 12 2.4
Engine 1.4 Diesel	[F2L1011]					01.95-	111855 12 2.2
						06.89- 12.94	112041 12 2.2
						06.89-	113980 24 4.0
	[F2L411]					07.73- 12.75	111004 12 2.4
Engine 2.0 Diesel	[F3L1011]	06.89-	112183	14	60	06.89-	113980 24 4.0
						01.95-	111855 12 2.2
						06.89- 12.94	112041 12 2.2
Engine 2.7 Diesel	[BF4L1011]					01.95-	111855 12 2.2
						06.89- 12.94	112041 12 2.2
						06.89-	113980 24 4.0
	[F4L1011]	06.89-	112183	14	60	06.89- 12.94	112041 12 2.2
		06.89-	112548	14	60	01.95-	111855 12 2.2
						06.89-	113980 24 4.0
Engine 2.8 Diesel	[F3L912..]					01.92-	112555 12 3.1
Engine 3.8 Diesel	[F4L912]					07.89-	110536 12 2.7
						01.92-	112555 12 3.1
Engine 4.7 Diesel	[F5L912,F]	10.89-	113470	28	35		
Engine 5.7 Diesel	[F6L912]	05.90-	113470	28	35	06.92-	113464 24 4.0
						12.91-	112555 12 3.1
Engine 6.1 Diesel	[F6L913]	01.87-	113470	28	35	06.92-	113464 24 4.0
Engine 8.0 Diesel	[F5L413FR]	08.89-	113470	28	35	04.82- 01.99	112651 24 4.8
Engine 9.6 Diesel	[BF6L513..]	10.87-	112747	28	55	01.73-	112651 24 4.8
	[F6L413]	12.88-	113470	28	35	04.82-	114437 24 5.4
						04.82- 01.99	112651 24 4.8
						04.82-	114438 24 5.4
Engine	[BF4M2012C]		114464	28	55		
	[BF6M2012C]		114464	28	55		
	[FL1011F]		113991	14	80		
			114077	28	40		
	[BF4M2012]		114783	14	95		
MISCELLANEOUS							
Various Models	[F6L413]						113181 12 2.3
							114437 24 5.4
Kia							
PASSENGER CARS EU							
Besta 2.2 Diesel	[R2]	02.96-	110706	14	60	02.96-	110389 12 2.0
Carens 1.6	[GA6D]					07.02-	110808 12 0.85
						07.02-	114885 12 0.9
Carens 1.6 CVVT	[G4FC]	08.09-	114467	14	90		
Carens 1.6 CRDi 110	[D4FB]					10.10-	113797 12 1.7
Carens 1.8	[TB]					11.00- 07.02	110808 12 0.85
Carens 2.0	[G4GC]	08.04-	113657	14	90		
Carens 2.0 CWT	[G4KA]	09.06-	114827	14	120		
Carens 2.0 CRDi	[D4EA]	07.02-	113328	14	120	07.02-	113329 12 2.0
		09.06-	115409*	14	120		
Carens 2.0 CRDi 115	[D4EA]	05.07-	115409*	14	120	05.07-	113329 12 2.0
Carnival 2.9 CRDi	[J3]	06.06-	114662	14	120	10.01-	113327 12 2.2
		AC 10.01-	113331	14	110		
Carnival 2.9 HPDi		AC 10.01-	113331	14	110	10.01-	113327 12 2.2
Carnival 2.9 TD	[J3]	02.02-	113331	14	110	08.99-	113327 12 2.2
		02.99-	112334	14	75		
Carnival 3.5	[G6CU]					07.02-	113020 12 1.2
Cee'd 1.4 CVVT						09.12-	114443 12 0.9
Cee'd 1.6 GDi	[G4FD]					09.12-	114443 12 0.9
Cee'd 1.6 CRDi	[D4FB]					05.12-	113797 12 1.7
Cee'd 1.4	[G4FA]	12.06-	114467	14	90		
Cee'd 1.4 CVVT	[G4FA-L]	06.10-	114467	14	90		
						05.12-	114443 12 0.9
Cee'd 1.4 CRDi 90	[D4FC]					05.12-	113797 12 1.7
Cee'd 1.6	[G4FC]	12.06-	114467	14	90		
Cee'd 1.6 CVVT	[G4FC]	10.10-	114467	14	90	05.12-	114443 12 0.9
Cee'd 1.6 GDi	[G4FD]					05.12-	114443 12 0.9
Cee'd 1.6 CRDi	[D4FB]					12.06-	113797 12 1.7
	[D4FB-L]					12.06-	113797 12 1.7
Cee'd 1.6 CRDi 128	[D4FB]					05.12-	113797 12 1.7

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

**KIA Continued**

Cee'd 1.6 CRDi 90	[D4FB-L]					05.12-	113797	12 1.7
Cee'd 2.0	[G4GC]	12.06-	114857	14 90		12.06-	114820	12 1.2
Cee'd 2.0 CRDi	[D4EA-F]	09.07-	115409*	14 120		09.07-	114778	12 2.0
Cerato 1.5 CRDi	[D4FA]					07.05-	113797	12 1.7
Cerato 1.6	[G4ED]	04.04-	113657	14 90		04.04-	113659	12 0.9
Cerato 1.6 CRDi	[D4FB]					06.05-	113797	12 1.7
Cerato 2.0	[G4GC]	04.04-	113657	14 90		04.04-	111306#	12 1.2
						04.04-	111307	12 1.2
Cerato 2.0 CRDi	[D4EA]	04.04-	113328	14 120		04.04-	113329	12 2.0
Clarus 1.8 i 16V	[T8]					AT 07.96-	110810	12 1.4
						07.96-	110808	12 0.85
Clarus 2.0 i 16V	[FE]	05.98-	111317	14 80		AT 07.96-	110810	12 1.4
						07.96-	110808	12 0.85
Joice 2.0	[G4CP]	08.99- 09.01	110804	14 90		02.00-	110315	12 0.9
						A13 02.00-	110811	12 1.2
						08.99- 09.01	111305	12 1.2
						02.00-	113659	12 0.9
		09.01-	110804	14 90				
						09.01- 03.03	111305	12 1.2
						09.01-	113659	12 0.9
K2500 2.5 Tci	[D4BH]	01.03-	113330	14 75		A13 09.01-	111565	12 2.2
K2700 2.7 Diesel	[J2]	10.99-	114766	14 60		10.99-	114762	12 2.2
Magentis 2.0	[G4JP]	12.00- 05.03	112327	14 100		05.01-	113521	12 1.2
	[G4KA]	11.05-	114827	14 120				
Magentis 2.0 CRDi	[D4EA]	04.06-	115409*	14 120				
Magentis 2.5 V6	[G6BV]	05.01-	114522	14 95		05.01-	113805	12 1.2
						05.01-	113753	12 0.9
Picanto 1.0	[G4HE]	09.05-	113791	14 70		02.04-	112322	12 0.8
Picanto 1.1	[G4HG]	04.04-	113791	14 70		04.04-	112322	12 0.8
Picanto 1.1 CRDi	[D3FA]	11.05-	113863	14 90		11.05-	113797	12 1.7
Pregio 2.5 TCI	[D4BH]	09.02-	113330	14 75		08.01- 08.02	111476	12 2.0
						08.01- 08.02	111565	12 2.2
Pregio 2.7 Diesel	[J2]					10.97-	114762	12 2.2
Pride 1.1 i	[B1]	01.91-	110692#	14 55		01.91-	110807	12 0.85
Pride 1.3	[B3]	08.99-	112297	14 60				
Pride 1.3 GLXi	[B3]					01.90-	110807	12 0.85
Pride 1.3 16V	[B3]					10.96-	110807	12 0.85
Pride 1.3 16V GLXi	[B3]	01.90-	110692#	14 55		01.90-	110807	12 0.85
Pride 1.3 i	[B3]					AT 01.90-	114885	12 0.9
						01.90-	110807	12 0.85
Pro Cee'd 1.4	[G4FA]	02.08-	114467	14 90				
Pro Cee'd 1.4 CVVT	[G4FA-L]	06.10-	114467	14 90		06.10-	114443	12 0.9
Pro Cee'd 1.6	[G4FC]	02.08-	114467	14 90				
Pro Cee'd 1.6 CVVT	[G4FC]	10.10-	114467	14 90				
Pro Cee'd 1.6 CRDi	[D4FB]					02.08-	113797	12 1.7
	[D4FB-L]					02.08-	113797	12 1.7
Pro Cee'd 2.0	[G4GC]	02.08-	114857	14 90		02.08-	114820	12 1.2
Pro Cee'd 2.0 BiFuel LPG	[G4GC]	01.09- 12.09	114857	14 90		01.09- 12.09	114820	12 1.2
Pro Cee'd 2.0 CRDi	[D4EA-F]					02.08-	114778	12 2.0
Retona 2.0 16V	[FE-DI]	01.97- 12.02	111787	14 70		05.00-	110808	12 0.85
Retona 2.0 TD	[RF]	06.99-	112506	14 60		06.99-	110389	12 2.0
		06.99-	113903	14 60				
Rio 1.2 CVVT	[G4LA]					10.11-	114760	12 0.8
Rio 1.2 LPG						09.11-	114760	12 0.8
Rio 1.3	[A3E]					08.00- 05.05	110808	12 0.85
		08.02- 02.05	113656	14 90		08.02- 02.05	114885	12 0.9
Rio 1.4 16V	[G4EE]	03.05-	113657	14 90				
Rio 1.4 CVVT	[G4FA]					09.11-	114443	12 0.9
Rio 1.4 CRDi	[D4FC]					09.11-	113797	12 1.7
Rio 1.5	[A5D]					08.00- 05.05	110808	12 0.85
						09.02- 02.05	114885	12 0.9
Rio 1.5 CRDi	[D4FA]	03.05-	111237	14 70		03.05-	113797	12 1.7
		03.05-	113656	14 90				
Rio 1.6 16V	[G4ED]	03.05-	113657	14 90				
Roadster 1.8	[T8D]	08.99-	111807	14 70				
Sephia 1.5 i 16V	[B5]	02.96-	111237	14 70		02.96-	110808	12 0.85
		02.96- 10.97	111807	14 70				
Sephia 1.6	[B6]	09.93-	111237	14 70		09.93-	110808	12 0.85
		09.93-	111807	14 70				
Sephia 1.6 i	[B6]	01.93-	110663	14 60		01.95-	110808	12 0.85
		01.95-	111237	14 70				
		01.95-	111807	14 70				
Sephia 1.8 i 16V	[T8D]	01.98- 12.00	111237	14 70		01.95-	110810	12 1.4
Shuma 1.5	[B6]	03.96- 01.97	111237	14 70				
Shuma 1.5 i 16V	[B5D]	10.97-	111237	14 70		10.97- 10.01	110808	12 0.85
Shuma 1.6	[GA6D]					01.01- 08.04	110808	12 0.85
						01.01- 08.04	114885	12 0.9
Shuma 1.8	[T8]	01.01- 08.04	111237	14 70		AT 01.01- 08.04	110810	12 1.4
Shuma 1.8 i 16V	[T8D]	10.97-	111237	14 70		10.97-	110808	12 0.85
Sorento 2.4	[4G64]					03.03-	113521	12 1.2
Sorento 2.5 CRDi	[D4CB]	08.02-	113792	14 110		08.02-	113937	12 2.2
		05.06-	114287	14 110				
Sorento 3.5 V6	[6G74]					08.02-	111241	12 1.2
Soul 1.6	[G4FC]	02.09-	114467	14 90				
Soul 1.6 CVVT	[G4FC]	02.09-	114467	14 90				
Soul 1.6 GDI	[G4FD]					06.11-	114443	12 0.9
Soul 1.6 CRDi	[D4FB]					02.09-	113797	12 1.7
Sportage 2.0	[FE]	10.00-	111787	14 70		10.00-	110808	12 0.85
Sportage 2.0 4WD	[FE]	10.00-	111787	14 70				



Sportage 2.0 16V	[G4GC]	09.04-	113657	14	90	AT 09.04-09.04-	113521	12	1.2
Sportage 2.0 16V 4WD	[G4GC]	09.04-	113657	14	90	AT 09.04-09.04-	114820	12	1.2
Sportage 2.0 i 16V	[FE]	11.98-	111787	14	70		113521	12	1.2
Sportage 2.0 i 16V 4WD	[FE]	04.94-	111787	14	70	04.94-	110808	12	0.85
Sportage 2.0 i 4WD	[FE]		111787	14	70	04.94-	110808	12	0.85
Sportage 2.0 CRDi	[D4EA]	01.06-	113328	14	120	08.08-01.06-	114778	12	2.0
	[D4EA-V]	01.06-	113328	14	120	01.06-	113329	12	2.0
Sportage 2.0 CRDi 4WD	[D4EA]	09.04-	113328	14	120	09.08-09.04-	114778	12	2.0
							113329	12	2.0
Sportage 2.0 CRDi AWD	[D4EA-V]	01.06-	113328	14	120	01.06-	113329	12	2.0
Sportage 2.0 TD 4WD	[RF]	10.97- 08.03	113903	14	60	10.97-	110389	12	2.0
Sportage 2.7 V6 4WD	[G6BA]	09.04-	113652	14	110	09.04-	113020	12	1.2
Venga 1.4 16V	[G4FA-L]	02.10-	114467	14	90				
Venga 1.6 16V	[G4FC]	02.10-	114467	14	90				
<b>PASSENGER CARS US</b>									
Magentis 2.4		01.01-	112327	14	100	01.01- 12.03	113638	12	1.4
Optima 2.4		01.01- 01.03	112327	14	100	01.01- 01.03	113638	12	1.4
						01.01- 01.03	113521	12	1.2
Optima 2.5						01.01- 01.01	113020	12	1.2
Optima 2.7						01.02- 01.02	113020	12	1.2
Rio 1.5		01.01- 01.02	113656	14	90				
Rio 1.5 CINCO		01.02- 01.02	113656	14	90				
Rio 1.5 RX-V		01.01-	113656	14	90				
Rio 1.6		01.03-	113656	14	90				
Rio 1.6 Cinco		01.03-	113656	14	90				
Rio 1.6 RX-V		01.03-	113656	14	90				
Sedona 3.5						01.02- 01.03	113020	12	1.2
Sephia 1.6 GS		01.95- 01.97	111237	14	70	01.93- 01.97	110808	12	0.85
Sephia 1.6 LS		01.95- 01.97	111237	14	70	01.93- 01.97	110808	12	0.85
Sephia 1.6 RS		01.95- 01.97	111237	14	70	01.93- 01.97	110808	12	0.85
Sephia 1.8	[5BP]	01.99- 01.01	111237	14	70	01.99- 01.01	110810	12	1.4
						01.99- 01.01	110808	12	0.85
		01.98- 01.98	111237	14	70	01.98- 01.98	110808	12	0.85
						01.98- 01.98	110810	12	1.4
Sephia 1.8 GS						01.95- 01.97	110810	12	1.4
						01.95- 01.97	110808	12	0.85
Sephia 1.8 LS		01.98- 01.98	111237	14	70	01.95- 01.98	110808	12	0.85
						01.95- 01.98	110810	12	1.4
Sephia 1.8 RS		01.97- 01.97	111384	14	70	01.96- 01.97	110810	12	1.4
						01.96- 01.97	110808	12	0.85
Spectra 1.8	[5BP]	01.00- 01.03	111237	14	70	01.00- 01.03	110808	12	0.85
						01.00- 01.03	110810	12	1.4
Spectra 2.0 EX		01.05-	113657	14	90				
Spectra 2.0 LX		01.05-	113657	14	90				
Sportage 2.0	[3FE]	01.99- 01.02	111787	14	70	01.99- 01.02	110808	12	0.85
						01.99- 01.02	110810	12	1.4
		01.05-	113657	14	90	01.95- 01.98	110808	12	0.85
		01.95- 01.98	111787	14	70	01.98- 01.98	110810	12	1.4
Sportage 2.0 4-Door		01.95- 01.97	111787	14	70	01.96- 01.97	110810	12	1.4
						01.95- 01.97	110808	12	0.85
<b>PASSENGER CARS AO</b>									
Cerato 1.6	[G4FC]	05.06-	114467	14	90				
		05.06-	114467	14	90				
Cerato 2.0	[G4KD]	01.09-	114827	14	120				
Rio 1.2 CVVT	[G4LA]					06.11-	114760	12	0.8
Sportage 2.2 Diesel 4WD		08.94- 08.02	112506	14	60	08.94- 04.99	110389	12	2.0
<b>Kobelco</b>									
<b>INDUSTRY</b>									
SK60 Excavator	[4JB1]		114456	28	30		114185	24	3.2
SK70 Excavator	[4JB1]		114456	28	30		114185	24	3.2
<b>Kohler</b>									
<b>MOTORS</b>									
Engine							111700	12	
							111012	12	0.5
							113526	12	0.5
							112568	12	
							110949	12	0.6
							112150	12	
Engine							113526	12	0.5
							112831	12	0.6
							112150	12	
							112546	12	0.6
							111700	12	
<b>Komatsu</b>									
<b>FORK LIFTS</b>									
605	[H20]						110155	12	1.0
4DE94E	[4TNE94]		114209	14	60				
D50A-17	[S40-105]		110800#	28	13				
D53A-17	[S40-105]		110800#	28	13				
DT11						01.89-	110256	12	0.8
FD20	[4D95]						110568	12	2.2
							113206	12	2.5
FD25	[4D95]						110568	12	2.2
FD28-10	[4D95]						110568	12	2.2
FG10-10	[D11PU]						110156	12	1.2
FG10-12	[Toyota 4P]		110137	14	30		110154	12	0.8

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**KOMATSU** *Continued*

FG15-12	[Toyota 4P]	110137	14	30			110154	12	0.8
FG18-12	[Toyota 4P]	110137	14	30			110154	12	0.8
FG20-6	[Nissan H20PU]	110128	14	35			110256	12	0.8
							110155	12	1.0
FG20-7	[Nissan H20PU]	110128	14	35			110256	12	0.8
							110155	12	1.0
FG20-8	[Nissan H20PU]	110128	14	35			110155	12	1.0
							110256	12	0.8
PC300HD	[SA6D114E-1]	112160	28	75					
Various Models	[Nippondenso equipped]	110562	28	25					
		110564	14	40					
		110657	28	40					
		114097	14	60					
		114113	28	60					
		01.88-	114097	14	60	01.88-	113203	24	4.5
		09.95-	112170	28	45	01.88- 01.97	113385	24	3.5
		01.80-	111051	28	25	01.76- 01.95	110560#	24	5.5
		01.88-	110562	28	25		110256	12	0.8
		01.88-	110657	28	40		111189	12	0.8
							111019#	24	7.5
							112668	12	2.5
							111097	24	5.5
							112178	12	1.6
							112676	12	2.2 HI
							110556#	24	7.5
							110555	24	7.5
WA180	[S6D102E-1]	111647	28	60					
		112160	28	75					
<b>MARINE</b>									
SA6D170A Diesel	[SA6D170A]						114165	24	7.5
<b>INDUSTRY</b>									
Crawlers	[SA6D125]						114164	24	7.5
D31	[4D105]					01.88- 01.95	110656	24	5.5
	[6D95]					01.88- 01.95	110656	24	5.5
D41	[4D105]					01.88- 01.95	110656	24	5.5
	[6D95]					01.88- 01.95	110656	24	5.5
D65	[6D110]					01.91- 01.97	110556#	24	7.5
D66	[6D110]						110556#	24	7.5
EC170	[6D110]					01.84- 01.85	110556#	24	7.5
EC210	[6D110]					01.86- 01.95	110556#	24	7.5
EZ105	[6D110]					01.86- 01.95	110556#	24	7.5
PC200	[6D105]					01.86- 01.87	111050#	24	5.5
PC220 Diesel		114113	28	60					
PC220LC Diesel		114113	28	60			114693	24	5.5
PC300							113499#	24	7.5
PC310	[6D105]					01.91- 01.95	111020	24	7.5
PC340							113499#	24	7.5
PC400	[6D125]					01.86- 01.94	111020	24	7.5
PC410	[6D125]					01.91- 01.95	111020	24	7.5
PC60	[4D95]					01.88- 01.94	111212	24	2.8
PC650	[6D650]					01.88- 01.94	111020	24	7.5
PF5	[6D105]					01.91- 01.95	111050#	24	5.5
PW100	[6D95]					01.88- 01.90	111050#	24	5.5
PW150	[6D95]					01.88- 01.90	111050#	24	5.5
PW200	[6D105]					01.91- 01.95	111050#	24	5.5
SA6D170A Diesel	[SA6D170A]						114165	24	7.5
Various Models	[6D125]					01.86- 01.94	111020	24	7.5
Various Models	[4D95L]	114403	14	120					
	[6D105]					01.86- 01.87	110555	24	7.5
						01.88- 01.95	110656	24	5.5
						01.86-	114693	24	5.5
	[6D125]					01.76- 01.97	110555	24	7.5
	[6D140]						110555	24	7.5
	[6D170]					01.86-	114166	24	7.5
WA 380 WheelLoader							114396	24	7.5
WA120 4B Wheelloader						01.97- 01.06	114340	24	4.5
WA120 6B Wheelloader						01.97- 01.06	114340	24	4.5
WA180 4B Wheelloader						01.97- 01.06	114340	24	4.5
WA180 6B Wheelloader						01.97- 01.06	114340	24	4.5
WA250 4B Wheelloader						01.97- 01.06	114340	24	4.5
WA250 6B Wheelloader						01.97- 01.06	114340	24	4.5
WA253 4B Wheelloader						01.97- 01.06	114340	24	4.5
WA253 6B Wheelloader						01.97- 01.06	114340	24	4.5
WA300							113499#	24	7.5
WA320							113499#	24	7.5
WA350							113499#	24	7.5
WB140 Backhoe		114262	14	80					
<b>MOTORS</b>									
SA6D170A Diesel	[SA6D170A]						114165	24	7.5
<b>Kramer</b>									
<b>INDUSTRY</b>									
Various Models		09.88- 07.96	110881	14	55	01.92-	112555	12	3.1
		01.77- 07.96	110641	14	33	01.78- 12.91	110536	12	2.7
<b>Kubota</b>									
<b>AGRICULTURE</b>									
6800	[V3300]	01.02-	114807	14	60				
8200	[V3300]	01.02-	114807	14	60				
9000	[V3300]	01.02-	114807	14	60				
B2320	[D1105-E3]	01.08-	114657	14	14				



B2920	[D1305-E3]	01.08-	114657	14	14				
F2260								114485	12 1.1
F2560								114485	12 1.1
L2250	[D1302]					01.85-	01.90	113893	12 1.2
L2500	[D1403]							113893	12 1.2
L2550	[D1402]					01.85-	01.96	113893	12 1.2
L2650	[D1402]					01.90-	01.96	113893	12 1.2
L2800	[D1403]							113893	12 1.2
L2900	[D1503]					01.94-	01.98	113893	12 1.2
L2950	[D1462]					01.91-	01.93	113893	12 1.2
L3010	[D1503]					01.98-	01.02	113893	12 1.2
L3130	[D1503]					01.03-	01.05	113893	12 1.2
L3300	[D1703]					01.94-	01.98	113893	12 1.2
L3400	[D1703]							113893	12 1.2
L3410	[D1703]					01.98-	01.02	113893	12 1.2
L3430	[D1703]					01.03-	01.05	113893	12 1.2
L35	[D1703]							113893	12 1.2
L3540	[D1803]					01.07-		115322	12 1.4
L3830	[D1803]					01.07-		115322	12 1.4
L3940	[V2006]					01.07-		115322	12 1.4
M7580DT	[V4302]	01.91-	12.98	114515	14 45				
M8580DT	[V4702A]	01.91-	12.98	114515	14 45				
Various Models				114515	14 45			114501	12 1.0
				114516	14 14				
<b>INDUSTRY</b>									
RX502 Excavator				114085	14 40			110720	12 1.4
Various Models				114516	14 14			114674	12 0.6
<b>MOTORS</b>									
Engine 1.9	[V1902]					01.85-	01.03	110356	12 1.4
						01.85-	01.03	111197	12 2.0
Engine	[D1302]	01.85-	01.90	111195	14 35	01.82-		110245	12 1.7
						Denso long type 01.86-		113966	12 1.4
						Denso short type 01.79-		110720	12 1.4
	[D1402]	01.85-	01.90	111195	14 35	Denso short type 01.79-		110720	12 1.4
						Denso long type 01.79-		113966	12 1.4
						01.79-		114711	12 2.5
	[D850]					01.87-		111021	12 1.4
	[D950]	01.98-		112721	14 60	01.81-		110421	12 0.8
	[DM1102]					01.81-		110447	12 1.0
						01.81-		113211	12 1.0
	[F2302]	01.85-	01.93	110137	14 30				
	[V1502]	01.86-	01.89	110620	14 35	Denso long type 07.98-		113966	12 1.4
						Denso short type 01.86-	01.89	110720	12 1.4
						01.86-	01.89	111197	12 2.0
	[Z402]							113211	12 1.0
	[Z600..]					01.81-		110421	12 0.8
	[ZB600..]					01.78-		110246	12 1.4
Engine	[D1105BH]							112547	12 1.4
	[D905E-BX]							112547	12 1.4
	[D950]			114251	14 60	01.81-		110421	12 0.8
	[S2600]	01.83-		111195	14 35				
	[S2800]	01.83-		111195	14 35				
	[V1405]					04.92-		111622	12 1.2
	[V1505BH]			113856	14 40			112547	12 1.4
Various Models	[CT4-114]			110371	14 65				
	[CT4-134]			110371	14 65				
				113921	14 40			113596	12 0.6
				112721	14 60			113199#	12 0.8
				111048	14 40			113204	24 1.4
				113401	14 40			113205	12 0.7
		01.91-	01.97	113200#	14 45			113211	12 1.0
								113551	12 2.2
								113635	12 1.2
								112547	12 1.4
<b>Kässbohrer</b>									
<b>TRUCKS EU</b>									
S210H 11.0	[OM421.900]	10.83-	03.95	110895	28 55	10.83-	06.96	110210	24 6.6
	[OM421A]	09.85-	03.95	110895	28 55	09.85-	06.96	110210	24 6.6
	[OM441A]					03.89-	06.96	110210	24 6.6
S211H 11.0	[OM421A]	09.85-	03.95	110895	28 55	09.85-	06.96	110210	24 6.6
S211H 14.6	[OM422.900]	01.80-	03.95	110895	28 55	01.80-	06.96	110210	24 6.6
S213H 14.6	[OM422.900]	01.80-	03.95	110895	28 55	01.80-	06.96	110210	24 6.6
	[OM422.901]	09.83-	03.95	110895	28 55	09.83-	06.96	110210	24 6.6
S213HR 14.6	[OM422.900]	09.83-	03.95	110895	28 55	09.83-	06.96	110210	24 6.6
S213RL 14.6	[OM422.900]	09.83-	03.95	110895	28 55	09.83-	06.96	110210	24 6.6
S214H 12.0	[D2866KOH]					08.87-	01.95	110210	24 6.6
	[D2866LOH]					09.86-	01.95	110210	24 6.6
S214HD 14.6	[OM422.900]	09.83-	03.95	110895	28 55	09.83-	06.96	110210	24 6.6
	[OM422.901A]	09.83-	03.95	110895	28 55	09.83-	06.96	110210	24 6.6
S215H 12.0	[D2866KOH]					08.87-	01.95	110210	24 6.6
	[D2866LOH]					09.86-	01.95	110210	24 6.6
S215H 14.6	[OM422.900]	01.80-	03.95	110895	28 55	01.80-	06.96	110210	24 6.6
	[OM422.901A]	09.83-	03.95	110895	28 55	09.83-	06.96	110210	24 6.6
	[OM422A]					07.88-	06.96	110210	24 6.6
S215HR 14.6	[OM422.900]	09.83-	03.95	110895	28 55	09.83-	06.96	110210	24 6.6
S215RL 14.6	[OM422.900]	09.83-	03.95	110895	28 55	09.83-	06.96	110210	24 6.6
S215SL 12.0	[OM427H]	09.85-	03.95	110895	28 55	09.85-	06.96	110210	24 6.6
S215UL 12.0	[OM427H.]	09.85-	03.95	110895	28 55	09.85-	06.96	110210	24 6.6
S216HDS 14.6	[OM422.901A]					07.80-	06.96	110210	24 6.6

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**KÄSSBOHRER** *Continued*

S217HDH 14.6	[OM422LA]				01.89- 06.96	110206	24	5.4
S228DT 14.6	[OM442LA]				01.89- 06.96	110206	24	5.4
S250 Spezial 12.0	[D2866LOH23]				06.96- 06.01	110206	24	5.4
S309HD 11.0	[OM441LA]				09.92-	110206	24	5.4
S313UL 12.0	[D2866LUH21]				03.95-	113608	24	6.2
	[OM447HLA]				03.95-	113608	24	6.2
	[OM457HLA]				07.01-	113608	24	6.2
S315GT 11.0	[OM441LA]				09.94-	110206	24	5.4
S315GT 14.6	[OM442LA]				09.94-	110206	24	5.4
S315GT-HD 11.0	[OM441LA]				07.96-	110206	24	5.4
	[OM442LA]				07.96-	110206	24	5.4
S315H 11.0	[OM441LA]				09.94-	110206	24	5.4
S315HD 12.0	[D2866LOH23]				03.95-	110206	24	5.4
S315HD HDH 11.0	[OM441LA]				09.91-	110206	24	5.4
S315HD HDH 14.6	[OM442LA]				09.91-	110206	24	5.4
S316HDS 14.6	[OM442LA]				01.97-	110206	24	5.4
S316UL 12.0	[OM457HLA]				07.01-	113608	24	6.2
S317HDH 14.6	[OM442LA]				10.97-	110206	24	5.4
S317UL 12.0	[OM457HLA]				07.01-	113608	24	6.2
S319GT-HD 11.0	[OM442LA]				07.98-	110206	24	5.4
S319UL 12.0	[D2866LUH21]				03.95-	113608	24	6.2
	[OM447HLA]				03.95-	113608	24	6.2
	[OM457HLA]				07.01-	113608	24	6.2
S328DT 14.6	[OM442LA]				04.93-	110206	24	5.4
<b>Lada</b>								
<b>PASSENGER CARS EU</b>								
110 1.5	[BA32111]	01.95-	111811	14 80	01.95-	112304	12	1.8
	[VAZ-2111]	01.95-	111811	14 80	01.95-	112304	12	1.8
110 1.5 16V	[VAZ-2112]	01.95-	111811	14 80	01.95-	112304	12	1.8
		10.00-	112191	14 80				
110 2.0 i	[C20XE]	01.96- 12.00	113632	14 85				
111 1.5	[VAZ-2111]	10.00-	112191	14 80	01.96-	112304	12	1.8
		01.95-	111811	14 80				
111 1.5 16V	[VAZ-2112]	10.00-	112191	14 80	01.95-	112304	12	1.8
		01.95-	111811	14 80				
111 1.6	[VAZ-21124]	03.06-	111811	14 80	03.06-	112304	12	1.8
					03.06-	110351#	12	1.3
		01.05-	111811	14 80	01.05-	110351#	12	1.3
					01.05-	112304	12	1.8
112 1.5	[VAZ-2111]	01.95-	111811	14 80	01.95-	112304	12	1.8
112 1.5 16V	[2112]	10.00-	112191	14 80				
	[VAZ-2112]	01.95-	111811	14 80	01.95-	112304	12	1.8
1200 1.2	[BA32101]	01.70- 06.86	110349	14 55	01.70- 06.86	110352	12	1.3
		03.79- 06.86	110350	14 44				
1300 1.3	[BA321011]	05.78- 01.87	110349	14 55	05.78- 01.87	110352	12	1.3
		01.80- 01.87	110348	14 55				
		01.80- 01.87	110350	14 44				
	[BA32105]	08.74- 08.84	110349	14 55	08.74- 08.84	110352	12	1.3
		01.80- 08.84	110350	14 44				
1300 1.3 1300		08.74- 08.84	110349	14 55	08.74- 08.84	110352	12	1.3
1500 1.5	[BA32103]	09.72- 10.86	110349	14 55	09.72- 10.86	110352	12	1.3
		03.79- 10.86	110350	14 44				
		01.80- 10.86	110348	14 55				
1600 1.6	[BA32106]	09.72- 10.86	110349	14 55	09.72- 10.86	110352	12	1.3
		01.80- 10.86	110348	14 55				
		01.80- 10.86	110350	14 44				
Niva 1.6 1600	[BA32121]	12.76- 03.95	110349	14 55	12.76- 03.95	110352	12	1.3
		01.80- 03.95	110350	14 44				
Niva 1.7 i 1700	[BA321214]	01.93-	112191	14 80	07.96- 12.99	110352	12	1.3
Niva 1.7 i 4x4		10.00-	112191	14 80	10.00-	110352	12	1.3
Nova 1.2 1200 Junior	[BA32101]	09.81-	110348	14 55	09.81-	110352	12	1.3
		09.81-	110349	14 55				
		09.81-	110350	14 44				
Nova 1.3 1300	[BA32105]	09.85- 12.90	110348	14 55	09.85- 12.90	110352	12	1.3
		09.85- 12.90	110349	14 55				
		09.85- 12.90	110350	14 44				
Nova 1.3 1300 Spezial	[BA32105]	05.81-	110348	14 55	05.81-	110352	12	1.3
		05.81-	110349	14 55				
		05.81-	110350	14 44				
Nova 1.5 1500	[BA32103]	01.72-	110349	14 55	03.85- 02.93	110352	12	1.3
		03.85- 02.93	110348	14 55				
		03.85- 02.93	110350	14 44				
	[BA321083]	06.89-	110348	14 55				
		06.89-	110350	14 44				
Nova 1.6 1600	[BA32106]	01.88-	110348	14 55	01.88-	110352	12	1.3
		01.88-	110349	14 55				
		01.88-	110350	14 44				
Nova 1.7 1700	[ECE]	01.72-	110349	14 55	08.94-	110352	12	1.3
		08.94-	110348	14 55	08.94-	110351#	12	1.3
Priora 1.6					10.09-	112304	12	1.8
Samara 1.1 1100	[BA321081]	02.88- 12.94	110348	14 55	02.88- 12.94	110351#	12	1.3
		02.88- 12.94	110349	14 55				
Samara 1.1 1100 Forma	[BA321081]	07.91-	110348	14 55	07.91-	110351#	12	1.3
Samara 1.3 1300	[BA32108]	01.86- 12.94	110348	14 55	01.86- 12.94	110351#	12	1.3
		01.86- 12.94	110349	14 55				
	[BA321115]	02.96-	110348	14 55	02.96-	110351#	12	1.3
Samara 1.3 1300 Forma	[BA32108]	05.89-	110348	14 55	05.89-	110351#	12	1.3
		05.89- 07.97	110349	14 55				
	[BA321115]				02.96-	110351#	12	1.3



Samara 1.5						03.93-	112304	12	1.8
Samara 1.5 1500	[BA321083]	01.88-	110348	14	55	01.88-	110351#	12	1.3
		01.88-	110349	14	55				
	[BA32111]	09.91-	111811	14	80	01.99-	112304	12	1.8
		02.95-	110349	14	55	02.95-	110351#	12	1.3
Samara 1.5 1500 Forma	[BA321083]	07.91-	110348	14	55	07.91-	110351#	12	1.3
		09.91-	110349	14	55				
	[BA32111]	11.94-	111811	14	80	01.99-	112304	12	1.8
						11.94-	110351#	12	1.3
Samara Forma 1.5	[VAZ-2111]	08.03-	110348	14	55	08.03-	110351#	12	1.3
Toscana 1.3	[BA32105]	12.85-	110348	14	55	12.85-	110352	12	1.3
		12.85-	110350	14	44				
Toscana 1.5 1500	[BA32103]	09.83- 02.93	110348	14	55	09.83- 02.93	110352	12	1.3
		09.83- 02.93	110349	14	55				
		09.83- 02.93	110350	14	44				
<b>PASSENGER CARS AO</b>									
Samara 1.5	[VAZ-2111]	04.96-	111811	14	80	04.96-	110351#	12	1.3
<b>Lamborghini</b>									
<b>PASSENGER CARS EU</b>									
Espada 3.9 400 GT							113177	12	1.1
Jalpa 3.5 P 350	[L353]	01.82- 03.84	110735#	14	55	01.82- 12.87	113177	12	1.1
Jarama 3.9 400 GTS						01.68- 12.76	113177	12	1.1
Urraco 2.5 P250		11.75- 12.80	110735#	14	55				
<b>PASSENGER CARS US</b>									
Jalpa 3.5		01.82-	112098	14	65				
Jarama 4.0 400 GT						01.71-	113177	12	1.1
Jarama 4.0 400 GTS						01.73-	113177	12	1.1
Urraco 2.5 P250		01.76-	112098	14	65				
<b>AGRICULTURE</b>									
105 Diesel Formula	[1004.4]					03.89- 12.99	111001	12	3.0
115 6.0 Diesel Formula	[1000.6]	12.89-	111686	14	65	12.89- 12.99	111001	12	3.0
135 6.0 Diesel Formula	[1000.6]	12.89-	111686	14	65	12.89- 12.99	110530	12	3.0
165 6.0 Diesel Racing	[1000.6]	05.91-	111686	14	65	05.91- 12.99	110530	12	3.0
190 6.0 Diesel Rasing	[1000.6]	01.92-	111686	14	65	01.92- 12.99	110530	12	3.0
775 4.0 Diesel	[1000.4]	06.87- 12.99	110882	14	45	06.87- 12.99	111001	12	3.0
						06.87- 12.99	110530	12	3.0
804 4.6	[FL1104]					06.73- 12.79	110551	12	3.0
904 5.0	[FL1154]					03.73- 12.79	110551	12	3.0
1106 5.5 Diesel 2RM	[916.6]	01.84- 05.85	110882	14	45				
1306 5.5 TD DT	[916.6]	01.84- 05.85	110882	14	45				
1506 6.8 TD	[1106HT]	01.84- 05.85	110882	14	45				
1706 6.8 TD	[1106]	01.84- 05.85	110882	14	45				
660 F 3.0 Diesel	[1000.3]					06.87- 12.99	111001	12	3.0
674-70 4.0 Diesel	[1000.4]	06.86- 12.99	110882	14	45	06.86- 12.99	111001	12	3.0
						06.86- 12.99	110530	12	3.0
674-70 N 4.0 Diesel	[1000.4]	06.86- 12.95	110882	14	45	06.86- 12.95	111001	12	3.0
						06.86- 12.95	110530	12	3.0
674-70 N 4.0 Diesel Bosso	[1000.4]	06.86- 12.95	110882	14	45	06.86- 12.95	111001	12	3.0
						06.86- 12.95	110530	12	3.0
774-80 4.0 Diesel	[1000.4]	06.86- 12.99	110882	14	45	06.86- 12.99	111001	12	3.0
						06.86- 12.99	110530	12	3.0
774-80 DT 4.0 Diesel	[1000.4]	06.86- 12.99	110882	14	45	06.86- 12.99	111001	12	3.0
						06.86- 12.99	110530	12	3.0
774-80 N 4.0 Diesel	[1000.4]	06.86- 12.99	110882	14	45	06.86- 12.99	111001	12	3.0
						06.86- 12.99	110530	12	3.0
874-90 4.0 Diesel	[1000.4]	06.86- 12.99	110882	14	45	06.86- 12.99	111001	12	3.0
						06.86- 12.99	110530	12	3.0
956 DT 5.5 Diesel	[916.6]	01.84- 05.85	110882	14	45	01.84- 12.99	110868#	12	1.1
						01.84- 12.99	111001	12	3.0
956-2 RM 5.5 Diesel	[916.6]	01.84- 05.85	110882	14	45				
C 554 2.8 Diesel	[100.3P]	06.87- 12.00	111180	14	33				
C 664 3.1 Diesel						06.87- 12.00	111001	12	3.0
C 774-80 4.0 Diesel	[1000.4]	06.86- 12.00	110882	14	45	06.86- 12.00	111001	12	3.0
						06.86- 12.00	110530	12	3.0
C 874-90 4.0 Diesel	[1000.4]	09.90- 12.00	110882	14	45	09.90- 12.00	111001	12	3.0
C603 3.1	[FL1104]					06.73- 06.76	110551	12	3.0
R 235 S 1.8 Diesel		01.83- 09.90	111649	14	33				
R 513 2.7 Diesel	[983L]	03.83- 12.95	111180	14	33				
R704 4.6	[FL1104]					06.73- 04.78	110551	12	3.0
Various Models		06.78- 12.95	111180	14	33		111284	12	2.5
		03.71- 03.84	110641	14	33				
		07.86- 12.99	111686	14	65				
		04.81- 01.85	111649	14	33				
		12.80- 12.84	110890	14	55				
		01.84- 08.85	110882	14	45				
<b>MOTORS</b>									
	[1000.3W]	01.87- 12.99	110882	14	45	01.87- 12.99	110530	12	3.0
	[1000.4W]	01.87- 12.99	110882	14	45	01.87- 12.99	110530	12	3.0
						01.87- 12.99	111001	12	3.0
	[1000.6..]	09.90- 12.99	110882	14	45	09.90- 12.99	111001	12	3.0
						09.90- 12.99	110530	12	3.0
<b>Lancia</b>									
<b>PASSENGER CARS EU</b>									
A 112 0.9 Junior	[112A.000]					01.81- 06.86	110365	12	0.8
						03.81- 06.86	110814	12	2.7
	[112A5.000]					01.81- 06.86	110365	12	0.8
						03.81- 06.86	110814	12	2.7
	[112B2.000]					01.81- 06.86	110365	12	0.8
						03.81- 06.86	110814	12	2.7

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**LANCIA** *Continued*

A 112 1.0 Abarth	[A112A.2000]	03.78- 02.84	111078	14 45		03.78- 02.84	110365	12 0.8
Ardea Berlina 0.9		11.88-	112025	14 100 ▲		11.88-	111865	12 1.7
Beta 1.3		04.76- 04.78	111138	14 45				
		04.76- 07.82	110912	14 55				
Beta 1.4	[828A2.000]	08.73- 07.76	110912	14 55				
Beta 1.6 Spider	[828B.000]	01.73- 12.84	110912	14 55				
		01.73- 04.78	111138	14 45				
Beta 1.8	[828A1.000]	08.73- 12.84	110912	14 55				
		08.73- 04.78	111138	14 45				
Beta 2.0	[828B1.000]	01.73- 07.82	110912	14 55				
		01.73- 07.78	111138	14 45				
Beta 2.0 i.e. HPE	[828B4.000]	05.81- 09.84	110912	14 55				
Dedra 1.6	[159B9.000]	10.94- 07.99	113472	14 65		10.94- 07.99	112289	12 0.8
		AC 10.94- 07.99	112780	14 90		10.94- 07.99	112124	12 0.9
Dedra 1.6 LE	[159B9.000]	07.94- 04.98	113472	14 65		07.94- 04.98	112124	12 0.9
		AC 07.94- 04.98	112780	14 90				
Dedra 1.6 16V	[182A4.000]	02.96-	111688#	14 85				
		02.96-	111689	14 65	[Torque]			
		AC 04.98-	111688#	14 85				
Dedra 1.6 i.e.	[835A1.000]	01.89- 06.94	113472	14 65		08.89- 06.94	111228	12 1.1
	[835A1.046]	08.89- 03.93	113472	14 65		08.89- 03.93	111228	12 1.1
		AC 08.89- 03.93	112780	14 90				
	[835C1.000]	04.93- 12.99	113472	14 65		04.93- 04.95	111228	12 1.1
		AC 04.93- 12.99	112780	14 90		04.95- 07.99	112124	12 0.9
Dedra 1.8 16V GT	[183A1.000]	03.96- 07.99	113939	14 100		03.96- 07.99	111685	12 1.4
Dedra 1.8 16V LE	[182A2.000]	03.96-	111409	14 100		03.96- 07.99	111685	12 1.4
		03.96- 07.99	113939	14 100				
Dedra 1.8 i.e.	[835A2.000]	01.89- 06.94	111620	14 65		09.89- 06.94	110854	12 1.4
		01.89- 12.90	111860#	14 90				
	[835A2.046]	09.89- 10.94	111620	14 65		09.89- 10.94	110854	12 1.4
		AC 09.89- 10.94	111860#	14 90				
	[836A5.000]	07.94- 07.99	111620	14 65		07.94- 07.99	110854	12 1.4
		AC 07.94- 07.99	112540#	14 100				
Dedra 1.8 i.e. LE	[835C5.000]	08.93- 07.94	111620	14 65		08.93- 07.94	110854	12 1.4
Dedra 1.9 TDS	[160D1.000]	04.89- 07.99	112771	14 90		07.94- 10.99	112125#	12 2.2
		07.94- 10.99	112688	14 95				
		AC 10.94- 10.99	112771	14 90				
	[835A4.000]	04.89- 07.99	112688	14 95		01.89- 10.94	111645	12 0.4
		AC 04.89- 07.99	112771	14 90		04.89- 07.99	112125#	12 2.2
	[835A4.046]	04.89- 07.99	111620	14 65		AT 03.89- 10.94	112125#	12 2.2
		AC 10.89- 10.99	112771	14 90				
Dedra 2.0 4WD Integrale	[836A3.000]	07.94- 07.99	111620	14 65		07.94- 07.99	110854	12 1.4
		AC 12.94- 10.99	112540#	14 100				
Dedra 2.0 HF Integrale	[835A7.000]	06.90-	111620	14 65		06.90-	110854	12 1.4
		AC 06.90-	111860#	14 90		06.90- 07.92	111645	12 0.4
	[835A7.046]	04.91-	111620	14 65		04.91-	110854	12 1.4
		AC 04.91-	111860#	14 90		04.91- 10.94	111645	12 0.4
Dedra 2.0 16V	[836A3.000]	07.94- 07.99	111620	14 65		07.94- 07.99	110854	12 1.4
		01.95- 10.99	112540#	14 100				
		AT 10.94-	111860#	14 90				
		AC 12.94- 07.99	112540#	14 100				
Dedra 2.0 i.e.	[835A5.000]	08.89- 07.92	111620	14 65		09.89- 07.92	112455	12 1.4
		08.89-	111654	14 65		01.89- 07.92	111645	12 0.4
		AC 01.89- 07.92	111860#	14 90				
	[835A5.046]	09.89- 10.99	111620	14 65		09.89- 10.94	110854	12 1.4
		10.94- 10.99	112540#	14 100		09.89- 01.94	111645	12 0.4
		AC 09.89- 10.99	111860#	14 90				
Dedra 2.0 i.e. Integrale	[835A7.000]	05.90- 07.94	111620	14 65		06.90- 07.92	110854	12 1.4
		AC 05.90- 07.94	111860#	14 90				
Dedra 2.0 i.e. Turbo	[835A8.046]	08.89-	111620	14 65		04.91-	112455	12 1.4
		AC 04.91-	111860#	14 90		11.90- 10.94	111645	12 0.4
Dedra 2.0 Turbo	[835A8.000]	01.89- 06.94	111620	14 65		07.92- 07.92	110854	12 1.4
		AC 06.90- 10.94	111860#	14 90		06.90- 07.92	111645	12 0.4
Delta 1.1	[831B8.000]	01.86- 12.90	111035	14 65		01.86- 12.90	112289	12 0.8
						01.86- 12.90	110338	12 0.8
Delta 1.3	[831A2.000]	09.79- 08.92	110612#	14 43		09.79- 08.92	110338	12 0.8
		09.79- 08.92	111035	14 65				
	[831B.000]	09.79- 08.92	110612#	14 43		09.79- 08.92	110338	12 0.8
		09.79- 08.92	111035	14 65				
Delta 1.4	[198A1.000]	09.08-	114806	14 120		09.08-	113962	12 0.9
	[198A4.000]	09.08-	114806	14 120		09.08-	113962	12 0.9
Delta 1.4 16V	[198A7.000]	07.10-	114806	14 120		A25 07.10-	115312	12 1.1
Delta 1.4 i.e.	[160A1.046]	01.93- 04.94	111035	14 65				
		01.93- 04.94	113472	14 65				
		AC 01.93- 04.94	112780	14 90				
	[836A4.000]	04.94- 12.99	113472	14 65		04.95- 12.99	112124	12 0.9
		AC 04.94- 12.99	112780	14 90				
Delta 1.5	[831A1.000]	09.79- 12.92	110612#	14 43		09.79- 12.92	112289	12 0.8
		09.79- 12.92	111035	14 65				
		09.79- 12.92	111148	14 65				
	[831B1.000]	09.79- 12.92	110612#	14 43		09.79- 12.92	112289	12 0.8
		09.79- 12.92	111035	14 65				
		09.79- 12.92	111148	14 65				
Delta 1.6 GT	[831A4.000]	11.82- 04.86	110912	14 55		11.82- 04.86	111106	12 1.0
		11.82- 04.86	111620	14 65				
Delta 1.6 i.e.	[835C1.000]	06.93- 12.99	113472	14 65		04.95- 12.99	112124	12 0.9
		AC 06.93- 12.99	112780	14 90				
Delta 1.6 i.e. GT Super	[149C2.000]					05.87- 08.92	110814	12 2.7





Delta 1.6 i.e. LE	[182A4.000]	01.96- 08.99	111689	14 65	01.96- 08.99	112289	12 0.8
		AC 01.96- 08.99	111688#	14 85			
	[182A6.000]	03.96- 08.99	111689	14 65	03.96- 08.99	112124	12 0.9
		AC 03.96- 08.99	111688#	14 85			
Delta 1.6 Turbo HF	[831A7.000]				06.83- 04.86	111106	12 1.0
	[831B7.046]				04.87- 03.89	110814	12 2.7
Delta 1.6 Multijet	[198A2.000]	09.08-	113996	14 140	09.08-	113931	12 1.7
		09.08-	114493	14 100			
	[944A3.000]				04.11-	113931	12 1.7
	[955A4.000]				08.08-	113931	12 1.7
Delta 1.8	[939B1.000]				01.09-	113931	12 1.7
Delta 1.8 i.e.	[835C2.000]	06.93- 12.95	111620	14 65	06.93- 04.94	111117#	12 1.1
		AC 01.93- 12.95	111860#	14 90	04.94- 12.95	110854	12 1.4
		AC 03.93- 12.99	112540#	14 100			
	[835C4.000]	01.93-	111620	14 65	01.93-	110854	12 1.4
		AC 01.93-	111860#	14 90	01.93- 04.94	111117#	12 1.1
		AC 01.93-	112540#	14 100			
	[836A6.000]	01.93-	111620	14 65	01.93-	110854	12 1.4
		AC 01.93-	111860#	14 90	01.93- 04.94	111117#	12 1.1
		AC 01.93-	112540#	14 100			
	[836C4.000]	01.93-	111620	14 65	01.93-	110854	12 1.4
	AC 01.93-	111860#	14 90	01.93- 04.94	111117#	12 1.1	
	AC 01.93-	112540#	14 100				
Delta 1.8 i.e. GT	[183A1.000]	03.96- 08.99	113939	14 100	03.96- 08.99	111685	12 1.4
Delta 1.8 i.e. LE	[182A2.000]	03.96-	111409	14 100	03.96- 12.99	111685	12 1.4
		03.96- 08.99	113939	14 100			
Delta 1.9 Multijet	[844A1.000]	01.09-	113996	14 140			
		01.09-	114493	14 100			
Delta 1.9 TD	[160D1.000]	10.95-	112688	14 95	10.95-	112125#	12 2.2
		AC 10.95-	112771	14 90			
	[835A4.000]	10.94- 10.95	112688	14 95	10.94- 10.95	112125#	12 2.2
	AC 10.94- 08.99	112771	14 90				
Delta 1.9 Turbo DS	[831D1.000]				06.86- 06.91	111645	12 0.4
					01.89- 06.91	112125#	12 2.2
Delta 2.0 HF Integrale 4WD	[831C5.046]	03.89- 12.92	111620	14 65	03.89- 12.92	112455	12 1.4
Delta 2.0 16V	[836A3.000]	06.93- 12.99	111620	14 65	04.94- 12.99	110854	12 1.4
		10.94-	111860#	14 90	06.93- 04.94	111117#	12 1.1
		AC 03.93- 12.99	112540#	14 100	01.93- 12.95	111645	12 0.4
		AC 10.94- 12.99	111860#	14 90			
Delta 2.0 16V HF Integrale 4WD	[831D5.000]				03.89- 09.91	110814	12 2.7
	[831E5.000]	06.93- 01.94	111620	14 65	06.91- 12.94	110854	12 1.4
		06.93- 01.94	113498	14 80			
	[831E5.046]	06.93- 01.94	111620	14 65	06.91- 12.94	112455	12 1.4
		06.93- 01.94	113498	14 80			
Delta 2.0 Turbo 16V	[836A2.000]	06.93- 12.99	111620	14 65	06.93- 04.94	111117#	12 1.1
		AC 01.93- 12.99	111860#	14 90	04.94- 12.99	110854	12 1.4
		AC 06.93- 12.99	112540#	14 100			
Delta 2.0 Turbo 16V HPE	[175A4.000]	01.93- 12.99	111620	14 65	09.96- 12.99	110854	12 1.4
Delta 2.0 Multijet	[198A5.000]	09.08-	113996	14 140			
		09.08-	114493	14 100			
	[844A2.000]	09.08-	114493	14 100			
Delta Iii 1.4 BiFuel	[198A4.000]	07.11-	114806	14 120	07.11-	113962	12 0.9
Gamma 2.5	[830A.000]	08.81- 02.82	113376	14 55			
		03.82- 12.84	111166	14 70			
	[830A4.000]	08.81- 02.82	113376	14 55			
		03.82- 12.84	111166	14 70			
Kappa 2.0 20V	[838A1.000]	10.94- 10.01	111409	14 100	Chas. 2076973- 10.94-	111685	12 1.4
		10.94- 10.01	113942	14 100			
	[838A6.000]				Chas. 2076973- 07.96- 10.01	111685	12 1.4
				02.98- 03.01	111685	12 1.4	
Kappa 2.0 20V LE	[838A6.000]	07.96- 12.00	111409	14 100	Chas. 2076973- 07.96-	111685	12 1.4
		07.96- 10.01	113942	14 100			
Kappa 2.0 Turbo 16V	[838A4.000]	11.94- 06.98	111409	14 100	02.95- 10.01	112455	12 1.4
		07.96- 10.01	113942	14 100			
Kappa 2.0 Turbo 20V	[175A3.000]				06.98- 03.01	111685	12 1.4
Kappa 2.4 20V	[838A2.000]	08.94- 11.01	111409	14 100	Chas. 2076973- 08.94- 10.01	111685	12 1.4
		08.94- 10.01	113942	14 100			
	[838A2.027]	08.94- 11.01	111409	14 100	Chas. 2076973- 08.94- 10.01	111685	12 1.4
		08.94- 10.01	113942	14 100			
Kappa 2.4 TD	[838A3.000]	01.94- 10.01	111409	14 100			
		01.94- 01.01	113336	14 120			
		08.94- 10.01	113942	14 100			
	[838A7.000]	08.94- 10.01	113942	14 100			
		06.96- 10.01	111409	14 100			
		08.94- 10.01	113848#	14 120			
Kappa 3.0 24V	[838B.000]	01.94- 01.01	112777	14 115			
		08.94- 10.01	113848#	14 120			
Lybra 1.6	[182B6.000]				10.00- 10.05	114035	12 1.3
Lybra 1.6 SW	[182B6.000]				10.00- 10.05	114035	12 1.3
Lybra 1.6 16V	[182A4.000]	AC 07.99-	112190	14 90	07.99-	112445	12 1.1
Lybra 1.8 16V	[839A4.000]	07.99- 02.02	111409	14 100	07.99-	111685	12 1.4
		07.99-	113942	14 100			
	[839A7.000]	07.99- 02.02	111409	14 100	09.00-	111685	12 1.4
		07.99-	113942	14 100			
	[839A9.000]	07.99- 02.02	111409	14 100	07.99-	111685	12 1.4
		07.99-	113942	14 100			
Lybra 1.9 JTD	[937A2.000]	05.01-	113943	14 100 A47	05.01-	113430	12 1.8
		AC 05.01-	113336	14 120			

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

LANCIA Continued

	[AR32302]	07.99- 09.00	113336	14 120	07.99-	113430	12 1.8
		07.99- 09.00	113939	14 100			
		07.99- 09.00	113942	14 100			
		07.99- 09.00	113943	14 100 A47			
		AC 07.99- 09.99	111409	14 100			
		A17 07.99- 09.00	113336	14 120			
	[AR37101]	09.00-	113336	14 120	09.00-	113430	12 1.8
		09.00- 05.01	113943	14 100 A47			
Lybra 1.9 JTD SW	[AR37101]	09.00-	113336	14 120	09.00-	113430	12 1.8
		09.00- 05.01	113943	14 100 A47			
Lybra 2.0 20V	[182B7.000]				07.99-	111685	12 1.4
	[185A8.000]				09.00-	111685	12 1.4
Lybra 2.0 20V SW	[185A8.000]				09.00-	111685	12 1.4
Lybra 2.4 JTD	[839A5.000]	10.99- 09.00	113336	14 120	10.99- 09.00	113430	12 1.8
	[839A6.000]	09.00-	113336	14 120	09.00-	113430	12 1.8
	[841C.000]	06.02-	113336	14 120			
	[AR32501]	10.99- 09.00	113336	14 120	10.99- 09.00	113430	12 1.8
Lybra 2.4 JTD SW	[839A6.000]	09.00-	113336	14 120	09.00-	113430	12 1.8
Musa 1.3 Multijet	[188A9.000]	10.04-	113721	14 75	10.04-	113719	12 1.3
		10.04-	113722	14 90			
		10.04-	114451	14 105			
	[199A3.000]	10.04-	113721	14 75	09.06-	113843	12 1.1
		09.06-	113722	14 90	10.04-	113719	12 1.3
		AC 09.06-	114451	14 105			
	[199B1.000]	03.09-	113722	14 90	A25 03.09-	115400	12 1.4
Musa 1.4	[192B2.000]				10.07-	113962	12 0.9
	[350A1.000]	09.05-	113718	14 70	09.05-	113962	12 0.9
	[843A1.000]	09.05-	113718	14 70			
Musa 1.4 LPG	[350A1.000]				11.10-	113962	12 0.9
Musa 1.6 Multijet	[350A2.000]	07.08-	114493	14 100	07.08-	113931	12 1.7
					A25 07.08-	115399	12 1.4
	[350A3.000]	07.08-	114493	14 100	A25 07.08-	115399	12 1.4
Musa 1.9 Multijet	[188B2.000]	10.04-	113336	14 120	10.04-	113931	12 1.7
		10.04-	113943	14 100 A47			
Phedra 2.0	[RFN (EW10J4)]	09.02-	113755	14 150			
Phedra 2.0 JTD	[RHK (DW10UTED4)]	06.06-	113640	14 150	06.06-	111070	12 1.7
	[RHM (DW10ATED4)]	07.03-	112461	14 150 A47	07.03-	111070	12 1.7
		07.03-	114798	14 150 A46	07.03-	114460	12 1.4
	[RHW (DW10ATED4)]	09.02-	112461	14 150 A47	09.02-	111070	12 1.7
		09.02-	114798	14 150 A46	09.02-	114460	12 1.4
Phedra 2.0 Multijet	[RHR (DW10BTED4)]	07.06-	113640	14 150	07.06-	114460	12 1.4
Phedra 2.2 JTD	[4HR]	04.06-	113640	14 150	04.06-	114854	12 2.5
	[4HW (DW12ATED4)]	09.02-	112461	14 150 A47	09.02-	111070	12 1.7
		09.02-	113640	14 150	09.02-	114460	12 1.4
		09.02-	114798	14 150 A46			
Phedra 2.2 Multijet	[4HS]				03.08-	114854	12 2.5
	[4HT]				03.08-	114854	12 2.5
Phedra 3.0 V6	[ES9J4S]				09.02-	115354	12 1.3
Prisma 1.3	[831.A2_]	05.86- 12.89	111035	14 65	12.82- 04.86	110338	12 0.8
Prisma 1.5	[138C2.048]	12.82- 02.92	111035	14 65	09.85- 02.92	112289	12 0.8
		09.85- 02.92	111148	14 65			
	[831A1.000]	12.82- 04.86	111148	14 65	12.82- 04.86	112289	12 0.8
	[831B1.000]	05.86- 12.89	111035	14 65	05.86- 12.89	112289	12 0.8
		05.86- 12.89	111148	14 65			
	[831B1.048]	05.86- 12.89	111035	14 65	05.86- 12.89	112289	12 0.8
		05.86- 12.89	111148	14 65			
Prisma 1.6	[831A4.000]	12.82- 04.86	110912	14 55	12.82- 04.86	111106	12 1.0
		12.82- 04.86	111148	14 65			
Prisma 1.9 Diesel	[831D.000]	06.84- 12.89	110912	14 55	02.89- 12.89	112125#	12 2.2
		06.84- 07.87	112719	14 55			
		06.84- 12.89	113187	14 85			
		AC 06.84- 12.89	111620	14 65			
Prisma 1.9 TD	[831D1.000]	05.85- 12.89	111654	14 65	02.89- 12.89	112125#	12 2.2
		05.85- 12.89	113187	14 85	05.85- 12.89	111645	12 0.4
Prisma 2.0 i.e. 4WD	[831B4.000]	04.86- 12.89	113472	14 65			
Thema 2.0 16V	[834F1.000]	05.92- 11.94	111860#	14 90	05.92- 11.94	112455	12 1.4
		AC 05.92- 11.94	112777	14 115			
Thema 2.0 i.e.	[834B.000]	11.84- 09.91	111620	14 65	AT 11.84- 09.88	112455	12 1.4
		11.84- 09.88	112453	14 85	11.84- 09.88	111645	12 0.4
	[834B.048]	03.86- 09.88	111620	14 65	AT 03.86- 09.88	112455	12 1.4
					03.86- 09.88	111645	12 0.4
	[834B.146]	09.87- 09.88	111620	14 65	AT 09.87- 09.88	112455	12 1.4
	[834B1.000]	09.88- 05.92	111620	14 65	AT 09.88- 05.92	112455	12 1.4
Thema 2.0 i.e. 16V	[834B2.000]	05.88- 08.92	111620	14 65	05.88- 08.92	112455	12 1.4
		05.88- 08.92	112453	14 85			
	[834B2.246]	02.89- 05.92	111620	14 65	02.89- 05.92	112455	12 1.4
		02.89- 05.92	111860#	14 90			
Thema 2.0 i.e. Turbo	[834B2.246]	02.89- 05.92	111620	14 65	AT 02.89- 05.92	112455	12 1.4
		02.89- 05.92	112453	14 85			
	[834C.000]	11.84- 05.90	111620	14 65	11.84- 12.87	112455	12 1.4
		11.84- 09.88	112453	14 85	11.84- 09.88	111645	12 0.4
	[834C.146]	07.86- 05.90	111620	14 65	07.86- 05.90	111645	12 0.4
		07.86- 05.90	112453	14 85	AT 07.86- 05.90	112455	12 1.4
Thema 2.0 i.e. Turbo 16V	[834C1.000]	12.88- 06.90	111620	14 65	12.88- 06.90	112455	12 1.4
		12.88- 06.90	112453	14 85			
	[834C1.246]	11.84- 05.92	111620	14 65	04.89- 05.92	110814	12 2.7
		04.89- 05.92	111860#	14 90	AT 04.89- 05.92	112455	12 1.4
		04.89- 05.92	112777	14 115			



Thema 2.0 Turbo 16V	[834C.1000]	06.88- 12.92	111620	14 65		AT 06.88- 05.92	112455	12 1.4
		AC 06.88- 12.90	112777	14 115				
	[834C.146]	06.88- 05.90	112453	14 85		06.88- 05.90	112455	12 1.4
						01.89- 03.92	110814	12 2.7
	[834C1.246]	04.89- 05.92	111620	14 65		04.89- 03.93	110814	12 2.7
		AC 04.89- 05.92	112777	14 115		AT 04.89- 05.92	112455	12 1.4
	[834F2.000]	AC 05.92- 11.94	112777	14 115		05.92- 11.94	112455	12 1.4
Thema 2.5 TD	[8144.91]	11.84- 05.92	111686	14 65				
		11.84- 09.88	112453	14 85				
	[8144.97]	06.88- 05.92	111686	14 65				
		06.88- 05.92	112453	14 85				
	[8144.97S]	05.88- 07.92	111686	14 65				
		05.88- 07.92	112453	14 85				
	[8144.97Y]	05.92- 11.94	112453	14 85				
Thema 2.5 TDS	[8144.97]	06.88- 05.92	111686	14 65				
		06.88- 05.92	112453	14 85				
	[8144.97S]	05.92- 11.94	112453	14 85				
Thema 2.8 i.e. V6	[834E.000]	11.84- 09.88	112453	14 85				
		11.84- 09.88	112777	14 115				
	[834E.146]	06.88- 05.92	112453	14 85				
		AC 06.88- 05.92	112777	14 115				
Thema 2.9	[F105L]	09.87- 05.89	112453	14 85				
	[F105L.046]	10.87- 05.92	112453	14 85				
Thesis 2.0 Turbo	[841E.000]					04.02-	111685	12 1.4
						04.02-	113430	12 1.8
						07.02-	111685	12 1.4
Thesis 2.4	[841D.000]							
Thesis 2.4 JTD	[841C.000]	07.02-	113987	14 140		04.02-	113430	12 1.8
	[841G.000]	05.03-	113987	14 140		05.03-	113430	12 1.8
	[841N.000]	09.03- 07.09	113987	14 140		09.03- 07.09	113430	12 1.8
Thesis 2.4 Multijet	[841P.000]	04.06-	113987	14 140		04.06-	111685	12 1.4
Trevi 1.6	[828B.000]	05.80- 05.85	110912	14 55				
Trevi 2.0 Iniezione	[828B4.000]	05.80- 09.84	110912	14 55				
Y 1.1	[176B2.000]	11.95- 06.00	111411	14 75		11.95- 06.00	111422	12 0.8
		ACPS 11.95- 06.00	111505	14 75				
Y 1.2	[188A4.000]	03.96- 09.03	113718	14 70		06.00- 06.03	112382	12 0.8
	[840A3.000]	03.96-	111411	14 75		03.96-	111422	12 0.8
		03.96- 09.03	113718	14 70				
		PS 03.96-	113537	14 65				
		ACPS 03.96-	111505	14 75				
Y 1.2 16V	[176B9.000]	04.97- 09.03	113684	14 90		04.97-	111422	12 0.8
	[188A5.000]	10.00- 09.03	113718	14 70		10.00-	112382	12 0.8
		AC 10.00-	113535	14 85				
Y 1.4 12V	[840A2.000]	01.96- 06.00	111413	14 90				
	[840A4.000]	03.96-	111413	14 90				
Y10 1.0 Fire	[156A2.000]	03.85- 06.89	111036	14 45		03.85- 06.89	111025	12 0.8
	[156A2.100]	03.89- 06.91	111036	14 45		03.89- 06.91	111025	12 0.8
	[156A2.246]	10.87- 02.92	111036	14 45		12.87- 02.92	111025	12 0.8
Y10 1.0 Fire 4WD	[156A2.000]	Eng. -10058448 09.86- 02.89	111036	14 45		09.86- 02.92	111025	12 0.8
	[156A2.100]	03.89- 06.91	111036	14 45		03.89- 06.91	111025	12 0.8
	[156A2.246]	Eng. -10058448 12.87- 02.92	111036	14 45		12.87- 02.92	111025	12 0.8
Y10 1.0 Turbo	[156A1.000]	03.85- 02.89	111035	14 65		03.85- 02.89	112124	12 0.9
Y10 1.1 Avenue	[176B2.000]	01.95-	111621	14 55		01.95- 09.95	111025	12 0.8
						09.95-	111422	12 0.8
Y10 1.1 Avenue 4WD	[176B2.000]					01.95- 09.95	111025	12 0.8
						09.95-	111422	12 0.8
Y10 1.1 i.e.	[156C.000]					08.89- 06.92	111025	12 0.8
Y10 1.1 i.e. 4WD	[156C.000]					08.89- 06.92	111025	12 0.8
Y10 1.1 i.e. Fire	[156C.046]	07.89-	113471	14 65		07.89-	111025	12 0.8
		07.89- 09.95	113533	14 65		10.92-	111422	12 0.8
Y10 1.1 i.e. Fire 4WD	[156C.046]	09.92- 12.95	113471	14 65	▲	09.92- 12.95	111025	12 0.8
		09.92- 12.95	113533	14 65		09.92- 12.95	111422	12 0.8
Y10 1.3 i.e. Fire	[146A5.046]	11.87-	111148	14 65				
	[156B.000]	11.87-	111148	14 65				
Ypsilon 0.9 Twinair	[312A2.000]	05.11-	114806	14 120				
Ypsilon 0.9 CNG	[312A2.000]	05.11-	114806	14 120				
Ypsilon 1.2	[169A4.000]					A25 05.11-	115312	12 1.1
	[188A4.000]	10.03-	114899	14 70		10.03-	113962	12 0.9
		AC 06.03-	113535	14 85				
	[188A5.000]	10.03-	114899	14 70		10.03-	113962	12 0.9
		AC 10.03-	113535	14 85				
Ypsilon 1.3 JTD	[188A9.000]	10.03-	113721	14 75		10.03-	113719	12 1.3
		10.03-	113722	14 90				
Ypsilon 1.3 Multijet	[199A2.000]	09.06-	113720	14 75		09.06-	113719	12 1.3
		09.06-	113721	14 75				
		09.06-	113722	14 90				
	[199A3.000]	09.06-	113720	14 75		09.06-	113719	12 1.3
		09.06-	113721	14 75				
		09.06-	113722	14 90				
	[199B1.000]					05.11-	115400	12 1.4
Ypsilon 1.4	[350A1.000]	02.06-	114462	14 70		02.06-	113962	12 0.9
	[843A1.000]	AC 10.03-	113535	14 85		10.03-	113962	12 0.9
Ypsilon 1.4 LPG	[350A1.000]	11.10-	114462	14 70				
Zeta 2.0 16V	[RFN (EW10J4)]	07.00- 09.02	111318	14 80				
	[RFV (XU10J4R)]	06.99- 10.00	111318	14 80		05.98- 07.00	111130	12 1.1
Zeta 2.0 Turbo	[RGX (XU10J2TE)]	05.95- 11.96	112772	14 120		06.94-	111070	12 1.7
		05.95- 09.02	113604	14 95		05.95- 06.99	111130	12 1.1
		02.97- 06.99	111318	14 80				
Zeta 2.0 JTD	[RHW (DW10ATED4)]	10.00- 06.02	112480	14 90		10.00- 06.02	111070	12 1.7
	[RHZ (DW10ATED)]					04.00- 09.02	114460	12 1.4

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**LANCIA** *Continued*

Zeta 2.1 TD	[P8C]		05.96-	113485	14 80		05.96- 09.99	111070	12 1.7
<b>PASSENGER CARS US</b>									
Beta 1.8			01.76- 01.78	110912	14 55				
Beta 1.8 HPE			01.76- 01.78	110912	14 55				
Beta 2.0			01.79- 01.81	110912	14 55				
Beta 2.0 HPE			01.79- 01.79	110912	14 55				
Zagato 2.0			01.81- 01.82	110912	14 55				
<b>Land Rover</b>									
<b>PASSENGER CARS EU</b>									
109 2.25 Diesel							01.69- 01.85	110440	12 2.1
110 2.25 Diesel							01.83- 01.84	110440	12 2.1
Defender 2.2 Diesel							08.11-	113959	12 2.0
							08.11-	115510	12 2.0 A49
Defender 2.2 Diesel TD4							08.11-	113959	12 2.0
							08.11-	115510	12 2.0 A49
Defender 2.4 TD TD4	[244DT]		05.07-	114064	14 150		05.07-	113959	12 2.0
							05.07-	115510	12 2.0 A49
Defender 2.5 4WD	[TD5]		06.98-	114300	14 120		06.98-	112439	12 2.2
Defender 2.5 TD5 4WD	[10P]		06.98-	114300	14 120		06.98-	112439	12 2.2
							06.98-	113662	12 2.0
	[14P]		06.98-	114300	14 120		06.98-	112439	12 2.2
							06.98-	113662	12 2.0
Defender 2.5 TDi 90	[23L]		09.90-	111176	14 75 A47		10.95-	112439	12 2.2
							09.90- 12.01	110441	12 2.1
			10.95-	111289	14 70		10.95-	110354	12 3.1
Defender 2.5 TDi 90 110	[23L]		09.90-	111176	14 75 A47		10.95-	110354	12 3.1
							09.90- 12.01	110441	12 2.1
			10.95-	111289	14 70		10.95-	112439	12 2.2
Defender 3.5 V8			08.90- 12.98	110891	14 70 A47		01.93- 12.98	111865	12 1.7
			01.80- 01.85	110969	14 65				
			08.90- 12.98	111366	14 45				
Defender 3.9 V8	[37L]		11.98-	112025	14 100		09.95-	111865	12 1.7
Discovery 2.0 16V	[20T4]		09.93- 06.94	112025	14 100		10.93- 06.98	111269	12 1.4
Discovery 2.5 TD	[10P]		01.99-	114300	14 120		01.99-	113662	12 2.0
Discovery 2.5 TDi	[12L]						09.89-	112439	12 2.2
			01.96-	112021	14 100		09.89-	110354	12 3.1
Discovery 2.7 TD	[276DT]		10.04-	114704	14 150				
Discovery 3.5	[22D]		09.89- 06.94	110891	14 70 A47		09.89- 06.94	111865	12 1.7
Discovery 3.9 V8	[35D]		09.93- 06.94	112025	14 100		09.93- 06.94	111865	12 1.7
	[36D]		09.93- 06.94	112025	14 100		09.93- 06.94	111865	12 1.7
Discovery 4.0 V8	[OHV]		11.98-	114352	14 130		11.98-	111865	12 1.7
Discovery 4.4	[448PN]		10.04-	114491*	14 150				
Freelander 1.8 16V	[18K4F]	Chas. -YA999999	11.00-	114241	14 105				
		AC 11.00-		114242	14 105				
Freelander 1.8 i 16V	[18K4F]	Chas. -YA999999	02.98- 11.00	114241	14 105		02.98- 11.00	113601	12 1.2
		AC 02.98- 11.00		114242	14 105				
Freelander 2.0 Diesel Di	[20T2N]		09.97- 09.03	114386	14 90		02.98- 11.00	113928	12 1.7
Freelander 2.0 TD4	[204D3]		11.00-	112462	14 120		11.00-	113965	12 2.0
			11.00-	112472	14 100				
			11.00-	113881	14 150				
	[M47]		11.01-	112462	14 120		11.01-	113965	12 2.0
			11.01-	112472	14 100				
			11.01-	113881	14 150				
Land Rover 2.5	[17H]		09.85- 07.90	111185	14 43 A47				
			01.87- 07.90	111289	14 70				
Land Rover 2.5 TD	[19J]		09.86- 07.90	111289	14 70		09.86- 07.90	112439	12 2.2
			09.86- 07.90	111366	14 45		09.86- 07.90	110441	12 2.1
Land Rover 3.5 V8			01.93- 12.98	113763	14 85				
			01.80- 01.85	110969	14 65				
LR 109 DP 2.3 Diesel	[10J, 23J]		09.63- 12.86	110178	14 36		09.63- 12.86	110440	12 2.1
			09.63- 12.86	111185	14 43 A47				
			09.63- 12.86	113378	14 45				
LR 109 OL 2.3	[11H]		09.63- 12.86	110178	14 36				
LR 109 OP 2.3	[11H]		09.63- 12.86	110178	14 36				
LR 88 DL 2.3 Diesel	[10J, 23J]		09.63- 12.86	110178	14 36				
			09.63- 12.86	111185	14 43 A47				
			09.63- 12.81	113378	14 45				
Range Rover 2.4 Diesel	[11A]		04.86- 12.90	111176	14 75 A47				
Range Rover 2.5 Diesel	[14L]		08.94-	111176	14 75 A47		08.94-	112439	12 2.2
			08.94-	112021	14 100		08.94-	110354	12 3.1
	[256T]		07.94-	112021	14 100		07.94-	110441	12 2.1
			10.94-	111178	14 70		07.94-	112439	12 2.2
							07.94- 09.02	112533	12 2.2
Range Rover 2.7 TDVM Sport	[276DT]		02.05-	114704	14 150				
Range Rover 3.0 TD							03.02-	113446	12 2.2
							03.02-	115506	12 2.2 A49
Range Rover 3.5	[31D]		01.87- 09.90	110891	14 70 A47		01.87- 09.90	111865	12 1.7
			01.87- 09.90	111362	14 55				
			01.87- 09.90	112238	14 65				
	[V8]		07.70- 01.76	110179	14 36				
			01.72- 01.79	111184	14 43				
Range Rover 3.5 Vogue	[11D]		08.81- 09.90	110891	14 70 A47		08.81- 09.90	111865	12 1.7
			08.81- 09.90	111362	14 55				
			08.81- 09.90	112238	14 65				
	[24D]		10.85- 09.90	110891	14 70 A47		10.85- 09.90	111865	12 1.7
			10.85- 09.90	111362	14 55				
	[25D]		10.85- 09.90	110891	14 70 A47		10.85- 09.90	111865	12 1.7
			10.85- 09.90	111362	14 55				
Range Rover 3.6 TD8	[368DT]		04.06-	113990	14 150				



Range Rover 3.9	[37D]	11.88- 07.94	112025	14	100	11.88-	111865	12	1.7
	[38D]	11.88- 07.94	112025	14	100 ▲	11.88-	111865	12	1.7
	[42D]	07.94-	112025	14	100 ▲	07.94-	111865	12	1.7
Range Rover 3.9 Vogue SEI	[35D]	11.88-	112025	14	100 ▲	11.88-	111865	12	1.7
	[36D]	11.88-	112025	14	100 ▲	11.88-	111865	12	1.7
Range Rover 4.0	[42D]	06.98- 03.02	114452	14	150	06.98-	111865	12	1.7
Range Rover 4.2	[428PS]	05.05-	114491*	14	150				
Range Rover 4.2 Sport	[428PS]	02.05-	114491*	14	150				
Range Rover 4.3 Vogue LSE	[40D]					09.92-	111865	12	1.7
Range Rover 4.4	[448PN]	05.05-	112426	14	150				
	[M62B44]	03.02-	112426	14	150				
Range Rover 4.4 Sport	[448PN]	02.05-	114491*	14	150				
Range Rover 4.6	[46D]	07.94- 03.02	114452	14	150	07.94-	111865	12	1.7
<b>PASSENGER CARS US</b>									
Defender 3.9						01.93- 01.95	111865	12	1.7
Discovery 3.9		01.94- 01.95	112025	14	100	01.94- 01.95	111865	12	1.7
Range Rover 3.5						01.87- 01.88	111865	12	1.7
Range Rover 3.9						01.89- 01.94	111865	12	1.7
Range Rover 4.2 LWB						01.93- 01.94	111865	12	1.7
Range Rover 4.4	[M62]	01.03-	112426	14	150				
Range Rover 4.4 HSE		01.05-	112426	14	150				
<b>PASSENGER CARS AO</b>									
90/110 2.3 4x4		06.84- 08.87	111185	14	43 A47				
90/110 2.3 Diesel 4x4		06.84- 08.87	111185	14	43 A47				
90/110 2.5 Diesel Country 4WD		09.86- 08.88	111176	14	75 A47				
		09.86- 08.88	111185	14	43 A47				
Defender 3.5 4WD	[11D]	09.90- 08.93	110891	14	70 A47				
<b>Landini</b>									
<b>AGRICULTURE</b>									
55 2.7	[Perkins]		113474	14	65				
60 2.7	[Perkins]		113474	14	65				
60	[Perkins]		113474	14	65				
65 2.7	[Perkins]		113474	14	65				
65 4.0	[Perkins]		113474	14	65				
70 4.0	[Perkins]		113474	14	65				
75 4.2	[Perkins]		113474	14	65				
80 4.0	[Perkins]		113474	14	65				
80 4.2	[Perkins]		113474	14	65				
80	[Perkins]		113474	14	65				
90 4.0	[Perkins]		113474	14	65				
90 4.2	[Perkins]		113474	14	65				
100 4.0	[Perkins]		113474	14	65				
100 4.0 GT	[Perkins]		113474	14	65				
100 4.2	[Perkins]		113474	14	65				
5860 2.7	[Perkins]		113474	14	65				
Various Models 4.0	[Perkins]		113474	14	65				
4.0	[Perkins]		113474	14	65				
	[Perkins]		113474	14	65				
<b>INDUSTRY</b>									
Trekker 4.0	[Perkins]		113474	14	65				
<b>Laverda</b>									
<b>AGRICULTURE</b>									
3400		05.89-	111419	28	55				
3500		05.89-	111419	28	55				
3790		06.85-	111686	14	65				
3850		01.91-	111686	14	65				
3900		01.83- 12.85	112097	28	30				
L 521		03.92-	111686	14	65				
L 624		03.92-	111686	14	65				
MX 300		03.87- 10.90	112097	28	30				
<b>LDV</b>									
<b>PASSENGER CARS EU</b>									
200 2.0 Diesel		11.86- 12.98	110770	14	55				
		11.86- 12.98	112238	14	65				
400 2.5 TD	[ET70]					11.95-	111125	12	2.2
Convoy 2.5 TDi	[ET70]					10.98-	112251	12	2.3
Maxus 2.5 CDi	[VM39C]	02.05-	114019	14	110	02.05-	114020	12	2.2
	[VM39C, VM40C]	02.05-	114019	14	110	02.05-	114020	12	2.2
Sherpa 1.7	[KB17]	10.78- 12.82	111185	14	43 A47				
Sherpa 1.8	[G18A]	01.84- 09.88	111366	14	45				
		01.87- 09.88	112238	14	65				
Sherpa 1.8 Diesel	[KD18]					03.74- 12.82	110444	12	2.1
Sherpa 2.0	[G20A]	01.84- 09.88	111366	14	45				
		01.84- 09.88	112238	14	65				
Sherpa 2.0 Diesel		01.86- 01.89	110770	14	55				
		01.86- 01.89	112238	14	65				
Sherpa 2.6 Diesel	[K25D]	01.86- 09.88	112238	14	65	01.83- 09.88	112185	12	1.2
Sherpa 3.5		01.83- 09.88	112238	14	65				
		01.83-	111176	14	75 A47				
<b>LDV International</b>									
<b>TRUCKS EU</b>									
6.13		01.80-	111569	28	30	08.88- 09.90	111574	12	2.8
Various Models		01.80-	111569	28	30	Maraton CUM 250 01.76-	110721#	24	7.1
		01.78- 06.84	110179	14	36				
<b>Lexus</b>									
<b>PASSENGER CARS EU</b>									
GS 400 4.0	[1UZ-FE]					01.98- 11.00	113171	12	2.0
IS 2.2 Diesel	[2AD-FTV]	07.10-	114410	14	130	07.10-	114216	12	2.0

## STARTERS & ALTERNATORS

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Application list

**LEXUS Continued**

IS 200 2.0 SportCross	[1G-FE]					10.02-	114223	12	1.0
IS 220 2.2 Diesel	[2AD-FHV]	10.05-	114410	14	130	10.05-	114216	12	2.0
LS 400 4.0	[1UZ-FE]	12.89- 12.94	113085	14	100	12.94- 01.00	113171	12	2.0
		01.93- 12.94	113090	14	100				
RX 300 3.0 V6	[1MZ-FE]					10.00-	112367	12	1.4
RX 350 3.5	[2GR-FE]					02.06-	114342	12	1.2
RX 350 3.5 AWD	[2GR-FE]					04.09-	114342	12	1.2
<b>PASSENGER CARS US</b>									
ES 250 2.5	[2VZ-FE]					01.90- 01.91	111544	12	1.4
ES 300 3.0	[1MZ-FE]	01.94- 01.01	113081	14	80	01.98- 01.01	112367	12	1.4
						01.94- 01.95	111544	12	1.4
						01.97- 01.97	113244	12	1.4
	[3UZ-FE]					01.92- 01.93	111544	12	1.4
GS 300 3.0	[2JZ-GE]	01.93- 01.97	113089	14	80				
GS 400 4.0	[1UZ-FE]					01.98- 01.00	113171	12	2.0
GX 470 4.7	[2UZ-FE]					01.03-	114440	12	1.4
LS 400 4.0	[1UZ-FE]	01.90- 01.94	113085	14	100	01.95- 01.00	113171	12	2.0
		01.93- 01.94	113090	14	100	01.90- 01.94	113168	12	2.0
LX 450 4.5	[1FZ-FE]	01.96- 01.97	113078#	14	80	01.96- 01.97	113169	12	2.2
LX 470 4.7	[2UZ-FE]	01.98- 01.01	114433	14	80	01.98- 01.01	114440	12	1.4
RX 300 3.0	[1MZ-FE]					01.99- 01.03	112367	12	1.4
RX 330 3.3	[3MZ-FE]					01.04-	114342	12	1.2
RX330 3.3	[3MZ-FE]					01.06-	114342	12	1.2
SC 300 3.0	[2JZ-GE]	01.95- 01.97	113089	14	80				
SC 400 4.0	[1UZ-FE]	01.92- 01.94	112181#	14	100	01.95- 01.00	113171	12	2.0
						01.92- 01.95	113168	12	2.0
<b>Liebherr</b>									
<b>INDUSTRY</b>									
A902 Litronic	[D904TB]						114438	24	5.4
R 961		04.80- 06.90	110766	28	27				
		04.80- 06.90	113470	28	35				
R 971		04.80- 06.90	110766	28	27				
		03.88- 06.90	113470	28	35				
R 981		03.88- 06.90	113470	28	35				
		05.80- 02.88	110641	14	33				
		05.80- 02.88	110766	28	27				
Various Models 12.0	[D9306T]					06.89-	112499#	24	6.6
Various Models 16.0	[D9308TB]					06.89-	112499#	24	6.6
<b>Lincoln</b>									
<b>PASSENGER CARS US</b>									
Aviator 4.6		01.03- 01.03	112942	14	130				
Blackwood 5.4						01.02- 01.02	112608	12	1.4
Continental 2.4 Turbo		01.84- 01.85	110238	14	70				
		01.84- 01.85	112914	14	100				
Continental 3.8 Executive						01.91- 01.94	112584	12	1.4
						01.91- 01.94	112586	12	1.4
Continental 3.8 Signature						01.92-	112584	12	1.4
						01.89- 01.94	112586	12	1.4
Continental 4.6		01.95- 01.02	112942	14	130				
Continental 4.6 Anniversary		01.96- 01.96	112942	14	130				
Continental 4.6 Spinmaker edition		01.96- 01.96	112942	14	130				
Continental 5.0		01.80- 01.87	110237	14	60	01.80- 01.80	110225	12	
		01.80- 01.87	112914	14	100				
Continental 5.0 Givenchy		01.87- 01.87	112914	14	100				
Continental 5.0 Town car		01.81- 01.81	110237	14	60				
		01.81- 01.81	112914	14	100				
Continental 5.8		01.80- 01.80	112914	14	100	01.80- 01.80	110225	12	
		01.80- 01.80	110237	14	60				
Continental 6.6		01.77- 01.79	110237	14	60	01.77- 01.79	110228	12	
		01.77- 01.79	110238	14	70				
Continental 7.0						01.58- 01.65	110226	12	
						01.68- 01.68	110229	12	
Continental 7.5		01.76- 01.78	110237	14	60	01.68- 01.77	110229	12	
		01.76- 01.78	110238	14	70				
Continental 7.6						01.66- 01.67	110226	12	
						01.68- 01.68	110229	12	
LS 3.0		01.01- 01.01	112914	14	100				
LS 3.9		01.01- 01.01	110238	14	70				
Mark 2.4 Turbo		01.84- 01.85	110238	14	70				
		01.84- 01.85	112914	14	100				
Mark 4.6		01.95- 01.98	112943	14	130	01.93- 01.94	112592	12	1.4
						01.97- 01.98	112646	12	1.4
Mark 4.6 LSC		01.96- 01.98	112943	14	130	01.95- 01.96	112592	12	1.4
						01.97- 01.98	112646	12	1.4
Mark 5.0		01.80- 01.87	112914	14	100	01.90- 01.92	111183	12	1.4
		01.80- 01.87	110237	14	60				
		01.84- 01.87	110238	14	70				
Mark 5.0 Bill Blass		01.87- 01.92	112914	14	100	01.90- 01.92	111183	12	1.4
Mark 5.0 LSC		01.87- 01.92	112914	14	100	01.90- 01.92	111183	12	1.4
Mark 5.8		01.80- 01.80	112914	14	100	01.80- 01.80	110225	12	
		01.80- 01.80	110237	14	60				
Mark 6.6		01.77- 01.79	110237	14	60	01.77- 01.79	110228	12	
		01.77- 01.79	110238	14	70				
Mark 7.5		01.72- 01.78	110237	14	60	01.68- 01.78	110229	12	
		01.72- 01.78	110238	14	70				
Mark 7.6						01.68- 01.68	110229	12	
Navigator 5.4						01.98- 01.98	112646	12	1.4
						01.99- 01.02	112608	12	1.4



Town Car 4.6		01.99- 01.00	112942	14	130				
		01.99- 01.00	112947	14	135				
Town Car 4.6 Anniversary						01.96- 01.96	112646	12	1.4
Town Car 4.6 Cartier		01.98- 01.02	112947	14	135	01.96- 01.02	112646	12	1.4
		01.00- 01.02	112942	14	130	01.92- 01.95	112592	12	1.4
		01.91- 01.95	112921	14	95				
		01.93- 01.95	112932	14	130				
		01.92- 01.95	112927	14	130				
Town Car 4.6 Executive		01.01- 01.02	112942	14	130	01.96- 01.02	112646	12	1.4
		01.98- 01.02	112947	14	135	01.92- 01.95	112592	12	1.4
		01.91- 01.95	112921	14	95				
		01.93- 01.95	112932	14	130				
		01.92- 01.95	112927	14	130				
Town Car 4.6 Jack Nicklaus		01.93- 01.93	112921	14	95	01.93- 01.93	112592	12	1.4
		01.93- 01.93	112932	14	130				
		01.93- 01.93	112927	14	130				
Town Car 4.6 Signature		01.98- 01.02	112947	14	135	01.96- 01.02	112646	12	1.4
		01.00- 01.02	112942	14	130	01.92- 01.95	112592	12	1.4
		01.91- 01.95	112921	14	95				
		01.93- 01.95	112932	14	130				
		01.92- 01.95	112927	14	130				
Town Car 4.6 Touring Edition						01.97- 01.97	112646	12	1.4
Town Car 4.6 Tournament Edition		01.94- 01.94	112932	14	130	01.94- 01.94	112592	12	1.4
		01.94- 01.94	112921	14	95				
		01.94- 01.94	112927	14	130				
Town Car 5.0		01.90- 01.90	112835	14	65	01.90- 01.92	111183	12	1.4
		01.82- 01.89	110237	14	60				
		01.82- 01.89	112914	14	100				
Town Car 5.0 Cartier		01.87- 01.90	112914	14	100				
		01.87- 01.90	112835	14	65				
Town Car 5.0 Signature		01.87- 01.90	112914	14	100				
		01.87- 01.90	112835	14	65				
Town Car 5.0 Signature SE		01.89- 01.89	112914	14	100				
		01.89- 01.89	112835	14	65				
Versailles 5.0		01.77- 01.80	110237	14	60	01.77- 01.80	110225	12	
		01.77- 01.80	110238	14	70				
Versailles 5.8		01.77- 01.77	110237	14	60	01.77- 01.77	110225	12	
		01.77- 01.77	110238	14	70				
<b>Linde</b>									
<b>FORK LIFTS</b>									
H 20 25 30	[F3L913]	11.84- 08.88	110641	14	33				
H 35 40	[F4L 912]	06.81- 08.88	110641	14	33		112555	12	3.1
H 70	[F6L912]	06.81- 08.88	110641	14	33		112555	12	3.1
H50D	[TCD2012L04-2V]		114783	14	95				
<b>Lister</b>									
<b>MARINE</b>									
Various Models			113713	14	80	01.88-	112545	12	1.4
						01.90- 01.94	111024#	12	3.6
						01.90-	112269#	24	4.0
							113459	12	2.0
						01.69-	112391#	12	1.0
						01.86- 01.88	112143		
						01.69-	112390	12	1.0
						01.86- 01.88	112256#	24	7.0
<b>MOTORS</b>									
Various Models			113713	14	80				
<b>Lombardini</b>									
<b>AGRICULTURE</b>									
Various Models 0.3	[IM...]					01.75-	115423	12	3.0
Various Models 1.7		02.82- 11.86	111662	14	33				
<b>MARINE</b>									
Various Models		06.71- 12.79	111662	14	33				
		07.68- 12.80	110060						
<b>MOTORS</b>									
Various Models 0.5	[3LD..]					01.82- 02.92	112034	12	1.7
						03.92-	112171	12	1.1
Various Models 0.5 Diesel	[LDW502]					06.89-	111015	12	1.1
Various Models 0.6 Diesel	[LDW602]					06.89-	111015	12	1.1
Various Models 0.7 Diesel	[8LD740.2]	05.83-	111662	14	33	03.92-	112172	12	1.6
Various Models 0.8 Diesel	[10LD400.2]	01.84-	111662	14	33	05.83- 11.84	112034	12	1.7
Various Models 0.9 Diesel	[12LD435.2]	06.87-	111662	14	33	06.87-	112034	12	1.7
	[LDW903]					06.89-	111015	12	1.1
Various Models 1.1 Diesel	[9LD561.2]	01.84-	111662	14	33	03.92-	112172	12	1.6
Various Models 1.2 Diesel	[LDW1204]					06.89-	111015	12	1.1
Various Models 1.3 Diesel	[5LD675.2]	01.69- 12.90	111662	14	33				
	[9LD625.2]	06.87-	111662	14	33	06.87-	112172	12	1.6
	[LDW1303]					05.93-	114053	12	2.0
Various Models 1.6 Diesel	[11LD535.3]	04.84-	111662	14	33				
	[LDW1503]					06.89- 05.93	110844	12	2.2
						05.93-	114053	12	2.0
Various Models 1.7 Diesel	[5LD825.2]	11.86-	111662	14	33				
Various Models 1.9 Diesel	[11LD625.3]	04.84-	111662	14	33	04.84-	112039	12	2.7
						04.84-	114478	24	3.2
	[11LD626.3]	01.89-	111662	14	33				
Various Models 2.0 Diesel	[5LD675.3]	01.69- 12.90	111662	14	33				
Various Models 2.1 Diesel	[LDW2004]					01.90- 04.96	110844	12	2.2
						01.90-	114053	12	2.0
Various Models 2.5		02.82- 11.86	111662	14	33				
Various Models 2.5 Diesel	[5LD825.3]	11.86-	111662	14	33				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



**LOMBARDINI** *Continued*

Various Models 2.7 Diesel	[5LD825.3T]	01.87-	111662	14 33			
Various Models 2.8 Diesel	[5LD930.3]	04.83-	111662	14 33			
Various Models 3.0 Diesel	[5LD825.4]	11.86-	111662	14 33			
Various Models 3.3		02.82- 11.86	111662	14 33			
Various Models 3.7 Diesel	[5LD930.4]	04.83-	111662	14 33			
Various Models	[6LD...]				01.82- 02.92	112034	12 1.7
					03.92-	112171	12 1.1
Various Models		02.82-	111662	14 33		113706	12 1.1
			113533	14 65		114052	12 1.1
						113307	12 1.2
						111015	12 1.1
						111646	12 0.2
						111645	12 0.4
						113737	12 0.2
					12.76- 01.84	113268	12 1.6
						112171	12 1.1
						114105	12 1.1
						110637	12 0.4
						115344	12 2.3
						115329	12 1.2
						115423	12 3.0

<b>Long</b>							
<b>AGRICULTURE</b>							
350 2.3	[Fiat]				05.74- 12.89	110640	12 3.0
445 2.3	[Fiat]				05.74- 12.89	110640	12 3.0
550 3.1	[Fiat]				05.74- 12.89	110640	12 3.0

<b>Lotus</b>							
<b>PASSENGER CARS US</b>							
Eclat 2.0	[907]	01.76- 01.79	110178	14 36			
		01.76- 01.79	111185	14 43 A47			
Eclat 2.0 Sprint	[907]	01.76-	111185	14 43 A47			
Elan 1.6		01.69- 01.71	110178	14 36	01.69- 01.73	111102	12 0.8
		01.72- 01.73	110179	14 36			
Elan 1.6 2					01.68- 01.73	111102	12 0.8
Elan 1.6 2S		01.69- 01.70	110178	14 36	01.69- 01.70	111102	12 0.8
Elan 1.6 2S 130		01.72- 01.73	110179	14 36	01.72- 01.73	111102	12 0.8
Elan 1.6 S4					01.68- 01.71	111102	12 0.8
Elan 1.6 Sprint		01.71- 01.73	110178	14 36	01.71- 01.73	111102	12 0.8
Elise 1.2					01.61- 01.65	111102	12 0.8
Elise 2.0	[907]	01.76- 01.79	110178	14 36			
Esprit 2.0	[907]	01.76- 01.79	110178	14 36			
		01.76- 01.79	111185	14 43 A47			
Esprit 2.2		01.80- 01.84	110178	14 36			
		01.80- 01.84	111185	14 43 A47			
Esprit 2.2 Turbo	[910]	01.83- 01.84	110178	14 36			
		01.83- 01.84	111185	14 43 A47			
		01.81- 01.82	110178	14 36			
		01.81- 01.82	111185	14 43 A47			
Europa 1.6		01.69- 01.71	110179	14 36			
		01.69- 01.71	110178	14 36			
Europa 1.6 S2		01.69- 01.70	110179	14 36			
		01.69- 01.70	110178	14 36			
Europa 1.6 Special		01.72-	110179	14 36			
Europa 1.6 Twin		01.72-	110179	14 36			
Super Seven 1.1					01.61- 01.61	111102	12 0.8
Super Seven 1.3					01.62- 01.68	111102	12 0.8
Super Seven 1.5					01.62- 01.68	111102	12 0.8

<b>Mack</b>							
<b>TRUCKS US</b>							
Various Models		01.99- 01.07	113579	14 145	01.90- 01.99	114416	24 7.5
		01.88- 01.99	112995	14 145			
		01.99- 01.07	112824	14 145	01.84- 01.07	112089	12
		01.99- 01.07	113002#	14 135	01.00- 01.03	113550	12
		01.79- 01.94	112262#	14 90			
		01.86- 01.98	112264#	14 105			
		01.88- 01.99	112996	14 115			
		01.99-	112998#	14 85			
		01.88- 12.99	113432	14 145			
Various Models		01.86- 01.01	112989	14 60		110409	12 3.0
		01.95- 12.99	112996	14 115		110436	12
					01.84- 01.94	112089	12

<b>Magirus-Deutz</b>							
<b>TRUCKS EU</b>							
Various Models		01.75- 04.80	110766	28 27			
		Eng.: F10L413F 05.78- 07.82	110117	28 35			

<b>Mahindra</b>							
<b>AGRICULTURE</b>							
Various Models		Tractor.	113683	14 36		112163	12 2.0
						113670	12 2.2

<b>MAN</b>							
<b>TRUCKS EU</b>							
6.100 4.6	(G 90)[D0824GF]	09.87- 03.92	112779#	28 35	09.87- 10.93	113468	24 4.0
		04.92- 10.93	110761	28 35	09.87- 10.93	111640	24 4.0
	[D0824GF01]	09.87- 03.92	112779#	28 35	09.87- 10.93	111640	24 4.0
		04.92- 10.93	110761	28 35	09.87- 10.93	113468	24 4.0
	[D0824GF02]	09.87- 03.92	112779#	28 35	09.87- 10.93	111640	24 4.0
		04.92- 10.93	110761	28 35	09.87- 10.93	113468	24 4.0
7.150 4.6	(TGL)[D0834LFL40]	04.05-	115486	28 80 A49	04.05-	114001	24 4.0
		04.05-	115492	28 110 A49			





	[D0834LFL50]	04.05- 04.05-	115486 115492	28 80 A49 28 110 A49		04.05- 04.05- 04.05-	114001 114376 115513	24 4.0 24 4.0 24 4.0 A49
7.180 4.6	(TGL)[D0834LFL41]	04.05- 04.05-	115486 115492	28 80 A49 28 110 A49		04.05- 04.05- 04.05-	114001 114376 115513	24 4.0 24 4.0 24 4.0 A49
	[D0834LFL51]	04.05- 04.05-	115486 115492	28 80 A49 28 110 A49		04.05- 04.05- 04.05-	114001 114376 115513	24 4.0 24 4.0 24 4.0 A49
7.220 4.6	(TGL)[D0834LFL62]	04.05- 04.05-	115486 115492	28 80 A49 28 110 A49		04.05- 04.05- 04.05-	114001 114376 115513	24 4.0 24 4.0 24 4.0 A49
	[D0834LFL65]	04.05- 04.05-	115486 115492	28 80 A49 28 110 A49		04.05- 04.05- 04.05-	114001 114376 115513	24 4.0 24 4.0 24 4.0 A49
8.100 4.6	(G 90)[D0824GF]	09.87- 03.92 04.92- 10.93	112779# 110761	28 35 28 35		09.87- 10.93 09.87- 10.93	113468 111640	24 4.0 24 4.0
	[D0824GF01]	09.87- 03.92 04.92- 10.93	112779# 110761	28 35 28 35		09.87- 10.93 09.87- 10.93	111640 113468	24 4.0 24 4.0
	[D0824GF02]	09.87- 03.92 04.92- 10.93	112779# 110761	28 35 28 35		09.87- 10.93 09.87- 10.93	111640 113468	24 4.0 24 4.0
8.103 4.6	(L 2000)[D0824FL01]	10.93- 06.96 10.93- 06.96 10.93- 06.96 10.93- 06.96	110895 112159 112779# 113920	28 55 28 80 28 35 28 35		10.93- 06.96 10.93- 06.96	112446 113759	24 4.0 24 4.0
8.113 4.6	(L 2000)[D0824LFL04]	08.95- 08.95- 08.95- 03.97	110895 112159 113920	28 55 28 80 28 35		08.95- 08.95- 05.00- 08.95-	113468 111640 112446 113759	24 4.0 24 4.0 24 4.0 24 4.0
	[D0824LFL08]	09.00- 09.00- 03.97- 09.01	110895 112159 113920	28 55 28 80 28 35				
8.136 5.7	(G)[D0226MF]	10.79- 08.88	112779#	28 35		10.79- 08.88 10.79- 08.88	113468 111640	24 4.0 24 4.0
8.145 4.6	(L 2000)[D0834LFL02]	07.01- 08.02 07.01- 08.02	113289 113295	28 90 28 55		07.01- 08.02 09.00-	112446 113759	24 4.0 24 4.0
8.150 4.6	(L 2000)[D0824LFO]	02.95- 02.95- 02.95- 07.98	110895 112159 113920	28 55 28 80 28 35		02.95- 02.95- 05.00- 02.95-	113468 111640 112446 113759	24 4.0 24 4.0 24 4.0 24 4.0
	(TGL)[D0834LFL40]	04.05- 04.05-	115486 115492	28 80 A49 28 110 A49		04.05-	114001	24 4.0
	[D0834LFL50]	10.06- 10.06-	115486 115492	28 80 A49 28 110 A49		04.05- 04.05- 04.05-	114001 114376 115513	24 4.0 24 4.0 24 4.0 A49
8.150 5.7	(G 90)[D0226MF]	05.90- 03.92 04.92- 10.93	112779# 110761	28 35 28 35		05.90- 10.93 05.90- 10.93	113468 111640	24 4.0 24 4.0
8.150 6.9	(G 90)[D0826GF]	09.87- 03.92 04.92- 10.93	112779# 110761	28 35 28 35		09.87- 05.95 09.87- 05.95 09.87- 05.95	111640 113468 112446 113759	24 4.0 24 4.0 24 4.0 24 4.0
	[D0826GF01]	07.88- 03.92 04.92- 10.93	112779# 110761	28 35 28 35		07.88- 10.93 07.88- 10.93 07.88- 10.93 07.88- 10.93	111640 113468 112446 113759	24 4.0 24 4.0 24 4.0 24 4.0
	[D0826GF03]	09.87- 05.95 05.88- 05.95	112779# 110895	28 35 28 55		09.87- 05.95 09.87- 05.95 09.87- 05.95	113468 111640 112446 113759	24 4.0 24 4.0 24 4.0 24 4.0
8.153 4.6	(L 2000)[D0824LFL01]	10.93- 06.96 10.93- 06.96 10.93- 07.94 08.94- 06.96	110895 112159 112779# 113920	28 55 28 80 28 35 28 35		10.93- 09.96 10.93- 07.97 10.93- 07.97 10.93- 07.97	112446 113759 113468 111640	24 4.0 24 4.0 24 4.0 24 4.0
	[D0824LFL05]	01.95- 07.97 01.95- 07.97 01.95- 07.97	110895 112159 113920	28 55 28 80 28 35		01.95- 07.97 10.93- 07.97	112446 113759	24 4.0 24 4.0
8.163 4.6	(L 2000)[D0824LFL02]	05.94- 05.94- 05.94- 07.94 08.94- 09.01	110895 112159 112779# 113920	28 55 28 80 28 35 28 35		05.94- 05.94- 05.94- 01.95 05.94-	113468 111640 112446 113759	24 4.0 24 4.0 24 4.0 24 4.0
	[D0824LFL06]	05.94- 05.94- 05.94- 03.97	110895 112159 113920	28 55 28 80 28 35		05.94- 05.94- 08.95- 03.97 05.94-	111640 113468 112446 113759	24 4.0 24 4.0 24 4.0 24 4.0
	[D0824LFL07]	08.95- 03.97 08.95- 03.97 08.95- 03.01	110895 112159 113920	28 55 28 80 28 35		08.95- 03.97 08.95- 03.97 08.95- 01.00 08.95- 09.99	113759 112446 113468 111640	24 4.0 24 4.0 24 4.0 24 4.0
	[D0824LFL09]	03.97- 03.97- 03.97- 09.02	110895 112159 113920	28 55 28 80 28 35		03.97- 01.00 03.97- 09.99 05.94- 02.00-	113468 111640 113759 112446	24 4.0 24 4.0 24 4.0 24 4.0
8.170 5.7	(G 90)[D0226MCF0/170]	02.89- 10.93 02.89- 10.93 02.89- 03.92 04.92- 10.93	110895 111146 112779# 110761	28 55 28 55 28 35 28 35		02.89- 10.93 02.89- 10.93	111640 113468	24 4.0 24 4.0
8.180 4.6	(TGL)[D0834LFL41]	04.05- 09.06 04.05- 09.06	115486 115492	28 80 A49 28 110 A49		04.05- 04.05- 04.05-	114001 114376 115513	24 4.0 24 4.0 24 4.0 A49

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

MAN Continued

	[D0834LFL51]	04.05- 09.06 04.05- 09.06	115486 115492	28 80 A49 28 110 A49	04.05- 04.05- 04.05-	114001 114376 115513	24 4.0 24 4.0 24 4.0 A49
8.185 4.6	(L 2000)[D0834LFL03]	09.00- 08.02 09.00- 08.02	113289 113295	28 90 28 55	09.00- 08.02 09.00-	112446 113759	24 4.0 24 4.0
8.210 4.6	(TGL)[D0834LFL42]	04.05- 04.05-	115486 115492	28 80 A49 28 110 A49	04.05- 04.05- 04.05-	114001 114376 115513	24 4.0 24 4.0 24 4.0 A49
8.220 4.6	(TGL)[D0834LFL65]	04.05- 04.05- 04.05- 04.05-	113998 114007* 115486 115492	28 110 28 80 28 80 A49 28 110 A49			
8.220 6.9	(L 2000)[D0826LFL03]	04.95- 04.95- 04.95- 09.01	110895 112159 113920	28 55 28 80 28 35	04.95- 04.95- 04.95-	113468 111640 113759	24 4.0 24 4.0 24 4.0
8.223 6.9	(L 2000)[D0826LFL02]	10.93- 06.96 10.93- 06.96 10.93- 06.96 10.93- 06.96 05.94- 07.94	110761 110895 112159 113920 112779#	28 35 28 55 28 80 28 35 28 35	10.93- 06.96 10.93- 06.96 10.93- 06.96 10.93- 06.96	111640 113468 113759	24 4.0 24 4.0 24 4.0
	[D0826LFL06]	10.93- 12.93 10.93- 06.96 05.94- 06.96 05.94- 06.96 05.94- 07.94	110761 113920 110895 112159 112779#	28 35 28 35 28 55 28 80 28 35	10.93- 06.96 05.94- 06.96 10.93- 06.96 10.93- 06.96	110206 111640 113468 113759	24 5.4 24 4.0 24 4.0 24 4.0
8.224 6.9	(L 2000)[D0826LFL03]	05.94- 05.94- 05.94- 07.94 08.94- 09.01	110895 112159 112779# 113920	28 55 28 80 28 35 28 35	05.94- 09.99 05.94- 01.00 02.00- 05.94-	111640 113468 112446 113759	24 4.0 24 4.0 24 4.0 24 4.0
8.225 6.9	(L 2000)[D0826LFL10]	07.01- 08.02 07.01- 08.02	113289 113295	28 90 28 55	07.01- 08.02 09.00-	112446 113759	24 4.0 24 4.0
	[D0836LFL02]	07.01- 08.02 07.01- 08.02	113289 113295	28 90 28 55	07.01- 08.02 09.00-	112446 113759	24 4.0 24 4.0
8.240 6.9	(TGL)[D0836LFL40]	04.05- 04.05-	115486 115492	28 80 A49 28 110 A49	04.05- 04.05- 04.05-	114001 114376 115513	24 4.0 24 4.0 24 4.0 A49
8.250 6.9	(TGL)[D0836LFL63]	04.05- 04.05- 04.05- 04.05-	113998 114007* 115486 115492	28 110 28 80 28 80 A49 28 110 A49			
9.136 5.7	(G)[D0226MF]	02.83- 08.88	112779#	28 35	10.79- 08.88 10.79- 08.88	113468 111640	24 4.0 24 4.0
9.145 4.6	(L 2000)[D0834LFL02]	09.00- 07.01- 07.01-	111146 113289 113295	28 55 28 90 28 55	07.01- 09.00- 09.00-	112446 113759 113468	24 4.0 24 4.0 24 4.0
9.150 5.7	(G 90)[D0226MF/Silent]	05.90- 03.92 04.92- 10.93	112779# 110761	28 35 28 35	05.90- 10.93 05.90- 10.93	111640 113468	24 4.0 24 4.0
9.150 6.9	(G 90)[D0826GF]	09.87- 10.92 04.92- 10.93	112779# 110761	28 35 28 35	09.87- 10.93 09.87- 10.93 09.87- 10.93	111640 113468 112446 113759	24 4.0 24 4.0 24 4.0 24 4.0
	[D0826GF01]	07.88- 03.92 04.92- 10.93	112779# 110761	28 35 28 35	07.88- 10.93 07.88- 10.93 07.88- 10.93 07.88- 10.93	111640 113468 112446 113759	24 4.0 24 4.0 24 4.0 24 4.0
	[D0826GF03]	09.87- 05.95 10.92- 05.95	112779# 110895	28 35 28 55	09.87- 05.95 09.87- 05.95 09.87- 05.95 09.87- 10.93	111640 113468 112446 113759	24 4.0 24 4.0 24 4.0 24 4.0
9.153 4.6	(L 2000)[D0824LFL01]	10.93- 12.95 10.93- 12.95 10.93- 07.94 08.94- 12.95	110895 112159 112779# 113920	28 55 28 80 28 35 28 35	10.93- 12.95 10.93- 06.96 10.93- 12.95 10.93- 01.95	111640 113759 113468 112446	24 4.0 24 4.0 24 4.0 24 4.0
	[D0824LFL05]	08.95- 06.96 08.95- 06.96 08.95- 06.96	110895 112159 113920	28 55 28 80 28 35	10.93- 06.96 08.95- 06.96 08.95- 06.96 08.95- 06.96	113759 113468 111640 112446	24 4.0 24 4.0 24 4.0 24 4.0
9.163 4.6	(L 2000)[D0824LFL02]	05.94- 05.94- 05.94- 07.94 08.94- 12.95	110895 112159 112779# 113920	28 55 28 80 28 35 28 35	05.94- 05.94- 05.94- 05.94-	113759 113468 111640	24 4.0 24 4.0 24 4.0
	[D0824LFL06]	05.94- 05.94- 05.94- 03.97	110895 112159 113920	28 55 28 80 28 35	05.94- 05.94- 05.94-	113468 111640 113759	24 4.0 24 4.0 24 4.0
	[D0824LFL07]	08.95- 03.97 08.95- 03.97 08.95- 03.97	110895 112159 113920	28 55 28 80 28 35	08.95- 03.97 08.95- 03.97 08.95- 03.97	112446 113759	24 4.0 24 4.0
	[D0824LFL09]	03.97- 03.97- 03.97- 09.01	110895 112159 113920	28 55 28 80 28 35	03.97- 01.00 02.00- 03.97- 09.99 05.94-	113468 112446 111640 113759	24 4.0 24 4.0 24 4.0 24 4.0
9.170 5.7	(G 90)[D0226MCFO/170]	02.89- 10.93 02.89- 10.93 02.89- 03.92 04.92- 10.93	110895 111146 112779# 110761	28 55 28 55 28 35 28 35	02.89- 10.93 02.89- 10.93	111640 113468	24 4.0 24 4.0
9.185 4.6	(L 2000)[D0834LFL03]	09.00- 08.02 09.00- 08.02	113289 113295	28 90 28 55	09.00- 08.02 09.00-	112446 113759	24 4.0 24 4.0



9.223 6.9	(L 2000)[D0826LFL02]	05.84- 07.94	112779#	28 35	10.93- 06.96	111640	24 4.0	
		05.94- 06.96	110895	28 55	10.93- 06.96	113759	24 4.0	
		05.94- 06.96	112159	28 80	10.93- 06.96	113468	24 4.0	
		05.94- 06.96	113920	28 35				
		05.94- 06.96	110895	28 55	05.94- 06.96	111640	24 4.0	
[D0826LFL06]		05.94- 06.96	112159	28 80	10.93- 06.96	113759	24 4.0	
		05.94- 07.94	112779#	28 35				
		05.94- 06.96	113920	28 35				
		05.94- 06.96	110895	28 55				
		05.94- 06.96	112159	28 80				
9.224 6.9	(L 2000)[D0826LFL03]	05.94- 09.01	110895	28 55	05.94-	113759	24 4.0	
		05.94- 09.01	112159	28 80	05.94- 01.00	113468	24 4.0	
		05.94- 07.94	112779#	28 35	05.94- 09.01	111640	24 4.0	
		08.94- 09.01	113920	28 35	02.00- 09.01	112446	24 4.0	
9.225 6.9	(L 2000)[D0836LFL02]	07.01- 08.02	113289	28 90	07.01- 08.02	112446	24 4.0	
		07.01- 08.02	113295	28 55	05.94-	113759	24 4.0	
10.136 5.7	(G)[D0226MF]	02.83- 09.87	112779#	28 35	09.81- 09.87	113468	24 4.0	
					09.81- 09.87	111640	24 4.0	
10.145 4.6	(L 2000)[D0834LFL02]	09.00-	113289	28 90	09.00-	112446	24 4.0	
		09.00-	113295	28 55	09.00-	113759	24 4.0	
10.150 4.6	(L 2000)[D0824LFO]	02.95- 01.96	110895	28 55	02.95- 01.96	113479		
		02.95- 01.96	112159	28 80	02.95- 01.96	113468	24 4.0	
		02.95- 01.96	113920	28 35	02.95- 01.96	111640	24 4.0	
					02.95- 01.96	112446	24 4.0	
10.150 5.7	(G 90)[D0226MF/Silent]	05.90- 03.92	112779#	28 35	05.90- 10.93	113468	24 4.0	
		04.92- 10.93	110761	28 35	05.90- 10.93	111640	24 4.0	
10.150 6.9	(G 90)[D0826GF01]	09.87- 03.92	112779#	28 35	09.87- 10.93	113468	24 4.0	
		04.92- 10.93	110761	28 35	09.87- 10.93	111640	24 4.0	
					09.87- 10.93	112446	24 4.0	
					09.87- 10.93	113759	24 4.0	
	[D0826GF03]		09.87- 10.93	112779#	28 35	09.87- 10.93	113468	24 4.0
			10.92- 10.93	110895	28 55	09.87- 10.93	111640	24 4.0
						09.87- 10.93	112446	24 4.0
						09.87- 10.93	113759	24 4.0
[D0826OH02]		01.88- 05.92	111842	28 140				
10.153 4.6	(L 2000)[D0824LFL01]	10.93- 06.96	110895	28 55	10.93- 06.96	112446	24 4.0	
		10.93- 06.96	112159	28 80	10.93- 06.96	113468	24 4.0	
		10.93- 07.94	112779#	28 35	10.93- 06.96	113759	24 4.0	
		08.94- 06.96	113920	28 35				
		10.93- 06.96	110895	28 55	10.93- 06.96	112446	24 4.0	
[D0824LFL05]		10.93- 06.96	112159	28 80	10.93- 06.96	113759	24 4.0	
		08.94- 06.96	113920	28 35				
10.163 4.6	(L 2000)[D0824LFL02]	05.94-	110895	28 55	05.94-	113468	24 4.0	
		05.94-	112159	28 80	05.94- 01.95	113479		
		05.94- 07.94	112779#	28 35	01.95-	112446	24 4.0	
		05.94- 12.95	113920	28 35	05.94-	111640	24 4.0	
	[D0824LFL06]		05.94-	110895	28 55	05.94-	113468	24 4.0
			05.94-	112159	28 80	05.94-	111640	24 4.0
			05.94- 03.97	113920	28 35	01.95-	112446	24 4.0
						05.94-	113759	24 4.0
	[D0824LFL09]		03.00- 09.01	113920	28 35	03.97- 01.00	113468	24 4.0
			03.97- 09.01	110895	28 55	02.00- 09.01	112446	24 4.0
			03.97- 09.01	112159	28 80	05.94-	113759	24 4.0
						03.97- 09.99	111640	24 4.0
10.180 4.6	(TGL)[D0834LFL41]	04.05-	115486	28 80 A49	04.05-	114001	24 4.0	
		04.05-	115492	28 110 A49	04.05-	114376	24 4.0	
	[D0834LFL51]		04.05-	115486	28 80 A49	04.05-	115513	24 4.0 A49
			04.05-	115492	28 110 A49	04.05-	114001	24 4.0
[D0826OH02]		01.88- 05.92	111842	28 140				
10.185 4.6	(L 2000)[D0834LFL03]	09.00- 08.02	113289	28 90	09.00- 08.02	112446	24 4.0	
		09.00- 08.02	113295	28 55	09.00-	113759	24 4.0	
10.210 4.6	(TGL)[D0834LFL42]	04.05-	115486	28 80 A49	04.05-	114001	24 4.0	
		04.05-	115492	28 110 A49	04.05-	114376	24 4.0	
[D0826OH02]		01.88- 05.92	111842	28 140				
10.220 4.6	(TGL)[D0834LFL65]	04.05-	113998	28 110				
		04.05-	114007*	28 80				
10.220 6.9	(L 2000)[D0826LFL03]	02.95-	110895	28 55	02.95-	113468	24 4.0	
		02.95-	112159	28 80	02.95-	111640	24 4.0	
		02.95- 02.01	113920	28 35	05.00-	112446	24 4.0	
					02.95-	113759	24 4.0	
10.223 6.9	(L 2000)[D0826LFL02]	05.94- 06.96	110895	28 55	10.93- 06.96	110206	24 5.4	
		05.94- 06.96	112159	28 80	10.93- 06.96	113759	24 4.0	
		05.94- 07.94	112779#	28 35				
		08.94- 06.96	113920	28 35				
	[D0826LFL06]		05.94- 06.96	110895	28 55	05.94- 06.96	111640	24 4.0
			05.94- 06.96	112159	28 80	10.93- 06.96	113468	24 4.0
			05.94- 07.94	112779#	28 35	10.93- 06.96	113759	24 4.0
			08.94- 06.96	113920	28 35			
10.224 6.9	(L 2000)[D0826LFL03]	05.94-	110895	28 55	05.94- 09.99	111640	24 4.0	
		05.94-	112159	28 80	05.94- 01.00	113468	24 4.0	
		05.94- 07.94	112779#	28 35	05.94-	113759	24 4.0	
		08.94- 02.01	113920	28 35	02.00-	112446	24 4.0	
10.225 6.9	(L 2000)[D0836LFL02]	09.00- 08.02	113289	28 90	09.00-	113468	24 4.0	
		09.00- 08.02	113295	28 55	07.01- 08.02	112446	24 4.0	
					09.00-	113759	24 4.0	

# STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

MAN Continued

10.240 6.9	(TGL)[D0836LFL40]	04.05-	115486	28 80 A49	04.05-	114001	24 4.0
		04.05-	115492	28 110 A49	04.05-	114376	24 4.0
10.250 6.9	(TGL)[D0836LFL63]	04.05-	113998	28 110			
		04.05-	114007*	28 80			
		04.05-	115486	28 80 A49			
		04.05-	115492	28 110 A49			
		04.05-	115492	28 110 A49			
11.190 6.9	[D0826LOH06]	03.93- 09.96	111842	28 140			
11.220 6.9	[D0826LOH15]	11.95- 12.00	111842	28 140			
12.152 6.9	(M 90)[D0826F01]	12.88- 05.94	111146	28 55	12.88- 05.94	113468	24 4.0
		12.88- 05.94	112779#	28 35	12.88- 05.94	111640	24 4.0
		10.92- 05.94	110895	28 55			
	[D0826F02]	10.92- 05.94	110895	28 55	12.88- 05.94	113468	24 4.0
		10.92- 05.94	111141	14 55	12.88- 05.94	111640	24 4.0
		10.92- 05.94	112779#	28 35			
12.163 4.6	(M 2000 L)[D0824LFL06]	08.95- 08.01	110895	28 55	08.95- 08.01	112446	24 4.0
		08.95- 08.01	112159	28 80	08.95-	113759	24 4.0
		08.95- 08.01	113920	28 35	08.95-	113468	24 4.0
	[D0824LFL09]	08.95- 08.01	110895	28 55	08.95- 08.01	112446	24 4.0
		08.95- 08.01	112159	28 80	08.95-	113759	24 4.0
		08.95- 08.01	113920	28 35	08.95-	113468	24 4.0
12.180 4.6	(TGL)[D0834LFL41]	04.05-	115486	28 80 A49	04.05-	114001	24 4.0
		04.05-	115492	28 110 A49	04.05-	114376	24 4.0
	[D0834LFL51]	04.05-	115486	28 80 A49	04.05-	114001	24 4.0
		04.05-	115492	28 110 A49	04.05-	114376	24 4.0
		04.05-	115492	28 110 A49	04.05-	115513	24 4.0 A49
		04.05-	115492	28 110 A49	04.05-	115513	24 4.0 A49
12.185 4.6	(L 2000)[D0834LFL03]	07.01-	113289	28 90	09.99-	113759	24 4.0
		07.01-	113295	28 55	07.01-	112446	24 4.0
12.192 6.9	(M 90)[D0826LF01]	04.83-	110116	28 35	07.90- 06.96	113468	24 4.0
		04.83-	111146	28 55	07.90- 06.96	113759	24 4.0
		07.90- 06.96	110895	28 55	07.90- 06.96	111640	24 4.0
		07.90- 06.96	111141	14 55			
		07.90- 06.96	112159	28 80			
		07.90- 04.94	112779#	28 35			
		05.94- 06.96	113920	28 35			
	[D0826LF05]	04.83-	110116	28 35	07.90- 06.96	113468	24 4.0
		04.83-	111146	28 55	07.90- 06.96	113759	24 4.0
		07.90- 06.96	110895	28 55	07.90- 06.96	111640	24 4.0
	[D0826LF07]	07.90- 06.96	111141	14 55			
		07.90- 06.96	112159	28 80			
		06.92- 04.94	112779#	28 35			
		04.83-	110116	28 35	07.90- 06.96	113468	24 4.0
[D0826LF07]	04.83-	111146	28 55	07.90- 06.96	113759	24 4.0	
	07.90- 06.96	110895	28 55	07.90- 06.96	111640	24 4.0	
	07.90- 06.96	111141	14 55				
	07.90- 06.96	112159	28 80				
	05.94- 06.96	112779#	28 35				
	05.94- 06.96	113920	28 35				
	05.94- 06.96	113920	28 35				
12.210 4.6	(TGL)[D0834LFL42]	04.05-	115486	28 80 A49	04.05-	114001	24 4.0
		04.05-	115492	28 110 A49	04.05-	114376	24 4.0
	[D0834LFL42]	04.05-	115486	28 80 A49	04.05-	114001	24 4.0
		04.05-	115492	28 110 A49	04.05-	115513	24 4.0 A49
12.220 4.6	(TGL)[D0834LFL65]	04.05-	113998	28 110			
		04.05-	115492	28 110 A49			
12.222 6.9	(M 90)[D0826LF11]	05.94- 06.96	110895	28 55	05.94- 06.96	113468	24 4.0
		05.94- 06.96	111141	14 55	05.94- 06.96	113759	24 4.0
		05.94- 06.96	112159	28 80	05.94- 06.96	111640	24 4.0
		05.94- 06.96	113920	28 35			
12.224 6.9	(M 2000 L)[D0826LFL03]	08.95- 09.01	110895	28 55	08.95- 09.01	111640	24 4.0
		08.95- 09.01	112159	28 80	08.95-	113759	24 4.0
		08.95- 09.01	113920	28 35	08.95-	113468	24 4.0
	[D0826LFL10]	08.95- 09.01	110895	28 55	02.00- 09.01	112446	24 4.0
		08.95- 09.01	112159	28 80	08.95- 09.01	111640	24 4.0
		08.95- 09.01	113920	28 35	08.95-	113759	24 4.0
12.225 6.9	(L 2000)[D0836LFL02]	07.01-	113289	28 90	09.99-	113759	24 4.0
		07.01-	113295	28 55	07.01-	112446	24 4.0
12.232 6.9	(M 90)[D0826LF02]	08.88- 06.96	110895	28 55	08.88- 06.96	113468	24 4.0
		08.88- 06.96	111146	28 55	08.88- 06.96	113759	24 4.0
		08.88- 06.96	112159	28 80	08.88- 06.96	111640	24 4.0
		08.88- 04.94	112779#	28 35			
		05.90- 06.96	111141	14 55			
		05.90- 06.96	113920	28 35			
	[D0826LF06]	08.88- 06.96	110895	28 55	08.88- 06.96	113468	24 4.0
		08.88- 06.96	111146	28 55	08.88- 06.96	113759	24 4.0
		08.88- 06.96	112159	28 80	08.88- 06.96	111640	24 4.0
		08.88- 05.94	112779#	28 35			
		05.90- 06.96	111141	14 55			
		05.90- 06.96	113920	28 35			
[D0826LF08]	08.88- 06.96	110895	28 55	08.88- 06.96	113468	24 4.0	
	08.88- 06.96	111146	28 55	08.88- 06.96	111640	24 4.0	
	08.88- 06.96	112159	28 80	08.88- 06.96	113759	24 4.0	
	08.88- 07.94	112779#	28 35				
	05.90- 06.96	111141	14 55				
	05.94- 06.96	113920	28 35				
12.240 6.9	(TGL)[D0836LFL40]	04.05-	115486	28 80 A49	04.05-	114001	24 4.0
		04.05-	115492	28 110 A49	04.05-	114376	24 4.0
	[D0836LFL40]	04.05-	115486	28 80 A49	04.05-	114001	24 4.0
		04.05-	115492	28 110 A49	04.05-	115513	24 4.0 A49
		04.05-	115492	28 110 A49	04.05-	115513	24 4.0 A49
(TGM)[D0836LFL50]	12.05-	115486	28 80 A49	12.05-	114001	24 4.0	
	12.05-	115492	28 110 A49				



12.250 6.9	(TGL)[D0836LFL63]	04.05-	113998	28 110				
		04.05-	115492	28 110 A49				
	(TGM)[D0836LFL63]	10.05-	114007*	28 80				
12.262 6.9	(M 90)[D0826LF13]	08.95- 06.96	110895	28 55		08.95- 06.96	113759	24 4.0
		08.95- 06.96	111141	14 55		08.95- 06.96	113468	24 4.0
		08.95- 06.96	112159	28 80		08.95- 06.96	111640	24 4.0
		08.95- 06.96	113920	28 35				
12.272 10.0	(M 90)[D2865LF02]	09.91- 10.92	110761	28 35		09.91- 10.92	112120	24 6.6
		09.91- 10.92	110895	28 55		09.91- 10.92	110210	24 6.6
		09.91- 10.92	112159	28 80		09.91- 10.92	110206	24 5.4
						09.91- 10.92	111046	24 6.6
						09.91- 10.92	113468	24 4.0
12.272 6.9	(M 90)[D0826LF04]	10.92- 06.96	110895	28 55		10.92- 06.96	113468	24 4.0
		10.92- 06.96	111141	14 55		10.92- 06.96	111640	24 4.0
		10.92- 06.96	112159	28 80		10.92- 06.96	113759	24 4.0
		10.92- 04.94	112779#	28 35				
		10.93- 06.96	113920	28 35				
12.280 6.9	(TGM)[D0836LFL51]	12.05-	115486	28 80 A49		12.05-	114001	24 4.0
		12.05-	115492	28 110 A49				
12.290 6.9	(TGM)[D0836LFL64]	10.05-	114007*	28 80				
		10.05-	115486	28 80 A49				
13.220 6.9	[D0826LUH12]	07.98- 09.01	111842	28 140				
13.240 6.9	(TGM)[D0836LFL40]	05.06-	115486	28 80 A49		05.06-	114001	24 4.0
		05.06-	115492	28 110 A49				
		05.06-	115486	28 80 A49		05.06-	114001	24 4.0
13.250 6.9	(TGM)[D0836LFL63]	10.05-	113998	28 110				
		10.05-	114007*	28 80				
		10.05-	115486	28 80 A49				
		10.05-	115492	28 110 A49				
13.280 6.9	(TGM)[D0836LFL41]	05.06-	115486	28 80 A49		05.06-	114001	24 4.0
		05.06-	115492	28 110 A49				
		05.06-	115486	28 80 A49		05.06-	114001	24 4.0
13.290 6.9	(TGM)[D0836LFL64]	10.05-	113998	28 110				
		10.05-	115492	28 110 A49				
14.152 4.6	(M 90)[D0824LF01]	05.94- 06.96	110895	28 55		05.94- 06.96	113468	24 4.0
		05.94- 06.96	111141	14 55		05.94- 06.97	112446	24 4.0
		05.94- 06.96	112159	28 80		05.94- 06.96	113759	24 4.0
		05.94- 06.96	112779#	28 35				
		06.94- 06.96	113920	28 35				
14.152 6.9	(M 90)[D0826F01]	12.88- 04.94	111146	28 55		12.88- 05.94	113468	24 4.0
		12.88- 03.92	112779#	28 35		12.88- 05.94	111640	24 4.0
		12.88- 05.94	110895	28 55		12.88- 05.94	111640	24 4.0
		12.88- 05.94	112779#	28 35		12.88- 05.94	113468	24 4.0
		12.91- 04.94	111141	14 55				
14.162 4.6	(M 90)[D0824LF02]	08.95- 06.96	110895	28 55		08.95- 06.96	113468	24 4.0
		08.95- 06.96	111141	14 55		05.94- 06.96	113759	24 4.0
		08.95- 06.96	112159	28 80				
		08.95- 06.96	113920	28 35				
14.163 4.6	(M 2000 L)[D0824LFL06]	08.95- 08.01	110895	28 55		08.95- 08.01	112446	24 4.0
		08.95- 08.01	112159	28 80		08.95-	113759	24 4.0
		08.95- 08.01	113920	28 35				
		08.95- 08.01	110895	28 55		08.95- 08.01	112446	24 4.0
14.192 6.6	(M 90)[D0826TF]	04.85- 06.96	110116	28 35		08.88- 06.96	113759	24 4.0
		08.88- 06.90	111146	28 55		08.88- 06.90	111640	24 4.0
		08.88- 06.90	112779#	28 35		08.88- 06.90	113468	24 4.0
14.192 6.9	(M 90)[D0826LF01]	07.90- 06.96	110895	28 55		07.90- 06.96	113468	24 4.0
		07.90- 06.96	111141	14 55		07.90- 06.96	113759	24 4.0
		07.90- 06.96	112159	28 80				
		07.90- 04.94	112779#	28 35				
	[D0826LF05]	07.90- 06.96	110895	28 55		07.90- 06.96	113468	24 4.0
		07.90- 06.96	111141	14 55		07.90- 06.96	113759	24 4.0
		07.90- 06.96	112159	28 80				
	[D0826LF07]	06.92- 04.94	112779#	28 35				
		07.90- 06.96	110895	28 55		07.90- 06.96	113468	24 4.0
		07.90- 06.96	111141	14 55		07.90- 06.96	113759	24 4.0
14.222 6.9	(M 90)[D0826LF11]	05.94- 06.96	110895	28 55		05.94- 06.96	113468	24 4.0
		05.94- 06.96	111141	14 55		05.94- 06.96	113759	24 4.0
		05.94- 06.96	112159	28 80				
		05.94- 06.96	113920	28 35				
14.224 6.9	(M 2000 L)[D0826LFL03]	08.95- 09.01	110895	28 55		08.95- 09.01	111640	24 4.0
		08.95- 09.01	112159	28 80		08.95-	113759	24 4.0
		08.95- 09.01	113920	28 35				
	[D0826LFL10]	08.95- 09.01	110895	28 55		02.00- 09.01	112446	24 4.0
		08.95- 09.01	112159	28 80		08.95- 09.01	111640	24 4.0
		08.95- 09.01	113920	28 35		08.95-	113759	24 4.0
	(M 2000 M)[D0826LF15]	08.95-	110895	28 55		08.95-	113468	24 4.0
		08.95-	112159	28 80		08.95-	111640	24 4.0
		08.95- 03.97	113920	28 35		08.95- 12.05	113759	24 4.0

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



MAN Continued

	[D0826LF18]	08.95- 08.95- 08.95- 09.01	110895 112159 113920	28 55 28 80 28 35	02.00- 08.95- 01.00 08.95- 09.99 08.95- 12.05	112446 113468 111640 113759	24 4.0 24 4.0 24 4.0 24 4.0
14.225 6.9	(M 2000 L)[D0836LFL02]	07.01- 07.01-	113289 113295	28 90 28 55	09.00- 09.01 09.00- 08.02 09.00- 09.06	111640 112446 113759	24 4.0 24 4.0 24 4.0
	(M 2000 M)[D0836LF04]	02.03- 02.03-	113289 113295	28 90 28 55	02.03- 02.03-	113759 113468	24 4.0 24 4.0
14.232 6.9	(M 90)[D0826LF/217/Silent]	05.90- 04.95 05.90- 04.95 05.90- 03.92 04.92- 04.95	110895 112159 112779# 113920	28 55 28 80 28 35 28 35	05.90- 04.95 05.90- 04.95	111640 113468	24 4.0 24 4.0
	[D0826LF02]	08.88- 06.96 08.88- 06.96 08.88- 06.96 08.88- 10.92	110895 111146 112159 112779#	28 55 28 55 28 80 28 35	08.88- 06.96 08.88- 06.96 08.88- 06.96	113468 111640 113759	24 4.0 24 4.0 24 4.0
	[D0826LF06]	08.88- 06.96 08.88- 06.96 08.88- 06.96 08.88- 05.94	110895 111146 112159 112779#	28 55 28 55 28 80 28 35	08.88- 06.96 08.88- 06.96 08.88- 06.96	113759 113468 111640	24 4.0 24 4.0 24 4.0
	[D0826LF08]	08.88- 06.96 08.88- 06.96 08.88- 06.96 08.88- 07.94 08.94- 06.96	110895 111146 112159 112779# 113920	28 55 28 55 28 80 28 35 28 35	08.88- 06.96 08.88- 06.96 08.88- 06.96	113468 111640 113759	24 4.0 24 4.0 24 4.0
14.255 6.9	(M 2000 L)[D0836LFL05]	07.01- 07.01-	113289 113295	28 90 28 55	09.00- 09.06 07.01- 11.02-	113759 112446 113468	24 4.0 24 4.0 24 4.0
14.262 6.9	(M 90)[D0826LF13]	08.95- 06.96 08.95- 06.96 08.95- 06.96 08.95- 06.96	110895 111141 112159 113920	28 55 14 55 28 80 28 35	08.95- 06.96 08.95- 06.96	113468 113759	24 4.0 24 4.0
14.264 6.9	(M 2000 L)[D0826LFL09]	08.95- 09.01 08.95- 09.01 08.95- 09.01	110895 112159 113920	28 55 28 80 28 35	02.00- 09.01 08.95- 09.01 08.95-	112446 111640 113759	24 4.0 24 4.0 24 4.0
	(M 2000 M)[D0826LF17]	08.95- 09.01 08.95- 09.01 08.95- 09.01	110895 112159 113920	28 55 28 80 28 35	08.95- 01.00 08.95- 08.95- 12.05 02.00- 09.01	113468 111640 113759 112446	24 4.0 24 4.0 24 4.0 24 4.0
14.272 10.0	(M 90)[D2865LF02]	09.91- 10.92 09.91- 10.92 09.91- 10.92	110761 110895 112159	28 35 28 55 28 80	09.91- 10.92 09.91- 10.92 09.91- 10.92 09.91- 10.92 09.91- 10.92	110206 112120 110210 111046 113468 113855	24 5.4 24 6.6 24 6.6 24 6.6 24 4.0 24 5.4
14.272 6.9	(M 90)[D0826LF04]	10.92- 06.96 10.92- 06.96 10.92- 06.96 10.92- 04.94 05.94- 06.96	110895 111141 112159 112779# 113920	28 55 14 55 28 80 28 35 28 35	10.92- 06.96 10.92- 06.96	113468 113759	24 4.0 24 4.0
14.284 6.9	(M 2000 L)[D0836LF01]	06.98- 01.01 06.98- 01.01	113289 113295	28 90 28 55	06.98- 01.00 02.00- 09.01 06.98-	113468 112446 113759	24 4.0 24 4.0 24 4.0
	(M 2000 M)[D0836LF01]	06.98- 01.01 06.98- 01.01	113289 113295	28 90 28 55	02.00- 09.01 06.98- 01.00 06.98- 12.05	112446 113468 113759	24 4.0 24 4.0 24 4.0
14.285 6.9	(M 2000 L)[D0836LFL03]	09.00- 09.00-	113289 113295	28 90 28 55	09.00- 09.02- 09.06	112446 113759	24 4.0 24 4.0
	(M 2000 M)[D0836LFL03]	07.01- 08.02 07.01- 08.02	113289 113295	28 90 28 55	09.99- 12.05 07.01- 08.02	113759 112446	24 4.0 24 4.0
15.163 4.6	(M 2000 L)[D0824LFL06]	08.95- 09.01 08.95- 09.01 08.95- 09.01	110895 112159 113920	28 55 28 80 28 35	08.95- 09.01 08.95-	112446 113759	24 4.0 24 4.0
	[D0824LFL09]	08.95- 09.01 08.95- 09.01 08.95- 09.01	110895 112159 113920	28 55 28 80 28 35	08.95- 09.01 08.95-	112446 113759	24 4.0 24 4.0
15.192 9.5	(F 9)[D2565MF]	01.83- 12.86	110761	28 35	01.83- 12.86	110206	24 5.4
15.224 6.9	(M 2000 L)[D0826LFL03]	08.95- 09.01 08.95- 09.01 08.95- 09.01	110895 112159 113920	28 55 28 80 28 35	08.95- 09.01 08.95-	111640 113759	24 4.0 24 4.0
	[D0826LFL10]	08.95- 09.01 08.95- 09.01 08.95- 09.01	110895 112159 113920	28 55 28 80 28 35	02.00- 09.01 08.95- 09.01 08.95-	112446 111640 113759	24 4.0 24 4.0 24 4.0
15.225 6.9	(M 2000 L)[D0836LFL02]	09.00- 09.01 09.00- 09.01 09.00- 09.01 09.02- 09.02-	110895 112159 113920 113289 113295	28 55 28 80 28 35 28 90 28 55	09.00- 09.01 09.99- 09.00- 09.01	112446 113759 111640	24 4.0 24 4.0 24 4.0
15.240 6.9	(TGM)[D0836LFL40]	10.05- 10.05- 10.05-	113998 115486 115492	28 110 28 80 A49 28 110 A49	10.05-	114001	24 4.0
	[D0836LFL53]	10.05- 10.05-	113998 115492	28 110 28 110 A49			
15.250 6.9	(TGM)[D0836LFL63]	10.05- 10.05-	113998 115492	28 110 28 110 A49			
15.255 6.9	(M 2000 L)[D0836LFL05]	07.01- 08.02 07.01- 08.02	113289 113295	28 90 28 55	07.01- 08.02 09.99-	112446 113759	24 4.0 24 4.0



15.264 6.9	(M 2000 L)[D0826LFL09]	08.95- 09.01	110895	28 55	02.00- 09.01	112446	24 4.0
		08.95- 09.01	112159	28 80	08.95- 09.01	111640	24 4.0
		08.95- 09.01	113920	28 35	08.95-	113759	24 4.0
15.280 6.9	(TGM)[D0836LFL41]	10.05-	113998	28 110	10.05-	114001	24 4.0
		10.05-	115486	28 80 A49			
	10.05-	115492	28 110 A49				
	[D0836LFL54]	10.05-	113998	28 110			
15.284 6.9	(M 2000 L)[D0836LFL01]	06.98- 01.01	113289	28 90	02.00- 09.01	112446	24 4.0
		06.98- 01.01	113295	28 55	06.98- 01.00	113468	24 4.0
					06.98-	113759	24 4.0
15.285 6.9	(M 2000 L)[D0836LFL03]	09.00- 09.02	113289	28 90	09.00- 09.02	112446	24 4.0
		09.00- 09.02	113295	28 55	09.99-	113759	24 4.0
15.290 6.9	(TGM)[D0836LFL64]	10.05-	113998	28 110			
		10.05-	114007*	28 80			
		10.05-	115486	28 80 A49			
		10.05-	115492	28 110 A49			
15.330 6.9	(TGM)[D0836LFL44]	10.05-	114007*	28 80			
		10.05-	115486	28 80 A49			
	[D0836LFL55]	10.05-	114007*	28 80			
15.340 6.9	(TGM)[D0836LFL65]	10.05-	113998	28 110			
		10.05-	114007*	28 80			
		10.05-	115486	28 80 A49			
		10.05-	115492	28 110 A49			
17.192 6.6	(M 90)[D0826TF]	11.86- 07.89	110116	28 35	08.88- 06.90	113759	24 4.0
		08.88- 06.90	111146	28 55	08.88- 06.90	113468	24 4.0
		08.88- 06.90	112779#	28 35	08.88- 06.90	111640	24 4.0
17.192 6.9	(M 90)[D0826LFL01]	07.90- 06.96	110895	28 55	07.90- 06.96	113468	24 4.0
		07.90- 06.96	111141	14 55	07.90- 06.96	113759	24 4.0
		07.90- 06.96	112159	28 80	07.90- 04.95	111640	24 4.0
		07.90- 04.94	112779#	28 35			
		04.92- 04.95	113920	28 35			
	[D0826LFL05]	07.90- 06.96	110895	28 55	07.90- 06.96	113468	24 4.0
		07.90- 06.96	111141	14 55	07.90- 06.96	113759	24 4.0
		07.90- 06.96	112159	28 80	07.90- 04.95	111640	24 4.0
		07.90- 04.94	112779#	28 35	10.92- 04.95	112446	24 4.0
		04.92- 04.95	113920	28 35			
[D0826LFL07]	07.90- 06.96	110895	28 55	07.90- 06.96	113759	24 4.0	
	07.90- 06.96	111141	14 55	07.90- 06.96	113468	24 4.0	
	07.90- 06.96	112159	28 80				
	05.94- 06.96	113920	28 35				
17.222 6.9	(M 90)[D0826LFL11]	05.94- 06.96	110895	28 55	05.94- 06.96	113468	24 4.0
		05.94- 06.96	111141	14 55	05.94- 06.96	113759	24 4.0
		05.94- 06.96	112159	28 80			
		05.94- 06.96	113920	28 35			
17.232 6.9	(M 90)[D0826LFL/217/Silent]	05.90- 03.92	110761	28 35	05.90- 04.95	111640	24 4.0
		05.90- 04.95	110895	28 55	05.90- 04.95	113468	24 4.0
		05.90- 01.91	111146	28 55			
		05.90- 04.95	112159	28 80			
		05.90- 01.91	112779#	28 35			
		04.92- 04.95	113920	28 35			
	[D0826LFL02]	08.88- 06.96	110895	28 55	08.88- 06.96	111640	24 4.0
		08.88- 06.96	112159	28 80	08.88- 06.96	113468	24 4.0
		08.88- 07.94	112779#	28 35	08.88- 06.96	113759	24 4.0
		08.88- 06.96	113920	28 35			
		02.89- 04.95	111146	28 55			
	[D0826LFL06]	08.88- 06.96	110895	28 55	08.88- 06.96	113468	24 4.0
		08.88- 06.96	112159	28 80	08.88- 06.96	111640	24 4.0
		02.89- 05.95	111146	28 55	08.88- 09.96	113759	24 4.0
		02.89- 07.94	112779#	28 35			
10.92- 06.96		113920	28 35				
[D0826LFL08]	02.89- 06.96	110895	28 55	02.89- 06.96	113468	24 4.0	
	02.89- 05.95	111146	28 55	02.89- 06.96	111640	24 4.0	
	02.89- 06.96	112159	28 80	02.89- 06.96	113759	24 4.0	
	02.89- 07.94	112779#	28 35				
	08.94- 06.96	113920	28 35				
17.272 10.0	(M 90)[D2865LFL02]	09.91- 10.93	110761	28 35	09.91- 05.95	112120	24 6.6
		09.91- 05.95	110895	28 55	09.91- 05.95	110210	24 6.6
		09.91- 05.95	112159	28 80	09.91- 11.91	110206	24 5.4
		11.93- 05.95	113920	28 35	09.91- 05.95	111046	24 6.6
					09.91- 05.95	113855	24 5.4
17.272 6.9	(M 90)[D0826LFL04]	10.92- 05.95	110895	28 55	10.92- 05.95	113759	24 4.0
		10.92- 05.95	112159	28 80	10.92- 05.95	113468	24 4.0
		10.92- 07.94	112779#	28 35	10.92- 05.95	111640	24 4.0
		08.94- 05.95	113920	28 35			
18.192 6.9	(M 90)[D0826LFL01]	09.90- 06.96	110895	28 55	09.90- 06.96	113468	24 4.0
		09.90- 06.96	111141	14 55	09.90- 06.96	113759	24 4.0
		09.90- 06.96	112159	28 80			
		09.90- 04.94	112779#	28 35			
	[D0826LFL05]	09.90- 06.96	110895	28 55	09.90- 06.96	113468	24 4.0
		09.90- 06.96	111141	14 55	09.90- 06.96	113759	24 4.0
		09.90- 06.96	112159	28 80			
		06.92- 04.94	112779#	28 35			
	[D0826LFL07]	09.90- 06.96	110895	28 55	09.90- 06.96	113468	24 4.0
		09.90- 06.96	111141	14 55	09.90- 06.96	113759	24 4.0
09.90- 06.96		112159	28 80				
05.94- 06.96		113920	28 35				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

MAN Continued

18.222 6.9	(M 90)[D0826LF11]	05.94- 06.96	110895	28 55	05.94- 06.96	113468	24 4.0
		05.94- 06.96	111141	14 55	05.94- 06.96	113759	24 4.0
		05.94- 06.96	112159	28 80			
		05.94- 06.96	113920	28 35			
18.224 6.9	(M 2000 L)[D0826LFL03]	08.95- 09.01	110895	28 55	08.95- 09.01	111640	24 4.0
		08.95- 09.01	112159	28 80	08.95-	113759	24 4.0
		08.95- 09.01	113920	28 35			
	[D0826LFL10]	08.95- 09.01	110895	28 55	02.00- 09.01	112446	24 4.0
		08.95- 09.01	112159	28 80	08.95- 09.01	111640	24 4.0
		08.95- 09.01	113920	28 35	08.95-	113759	24 4.0
	(M 2000 M)[D0826LF15]	08.95-	110895	28 55	08.95-	113468	24 4.0
		08.95-	112159	28 80	08.95-	111640	24 4.0
		08.95- 03.97	113920	28 35	08.95- 12.05	113759	24 4.0
	[D0826LF17]	08.95-	110895	28 55	08.95-	111640	24 4.0
		08.95-	112159	28 80	08.95-	113468	24 4.0
		08.95- 09.01	113920	28 35	08.95- 12.05	113759	24 4.0
	[D0826LF18]	08.95-	110895	28 55	08.95- 09.99	111640	24 4.0
		08.95-	112159	28 80	08.95- 01.00	113468	24 4.0
08.95- 09.01		113920	28 35	02.00-	112446	24 4.0	
				08.95- 12.05	113759	24 4.0	
18.225 6.9	(M 2000 L)	05.01-	110895	28 55			
	(M 2000 M)[D0836LF04]	02.03-	113289	28 90	02.03-	113759	24 4.0
		02.03-	113295	28 55			
18.232 6.9	(M 90)[D0826LF02]	09.90- 06.96	110895	28 55	09.90- 06.96	113468	24 4.0
		09.90- 06.96	111141	14 55	09.90- 06.96	113759	24 4.0
		09.90- 06.96	112159	28 80			
		09.90- 04.94	112779#	28 35			
	[D0826LF06]	09.90- 06.96	110895	28 55	09.90- 06.96	113468	24 4.0
		09.90- 06.96	111141	14 55	09.90- 06.96	113759	24 4.0
		09.90- 06.96	112159	28 80			
		06.92- 04.94	112779#	28 35			
	[D0826LF08]	09.90- 06.96	110895	28 55	09.90- 06.96	113468	24 4.0
		09.90- 06.96	111141	14 55	09.90- 06.96	113759	24 4.0
		09.90- 06.96	112159	28 80			
		05.94- 06.96	113920	28 35			
18.240 6.9	(TGM)[D0836LFL40]	10.05-	115486	28 80 A49	10.05-	114001	24 4.0
		10.05-	115492	28 110 A49			
		05.06-	113998	28 110			
	[D0836LFL53]	05.06-	113998	28 110			
	05.06-	115492	28 110 A49				
18.250 6.9	(TGM)[D0836LFL63]	10.05-	113998	28 110			
		10.05-	115492	28 110 A49			
18.255 6.9	(M 2000 L)[D0836LFL05]	09.02-	113289	28 90	09.99-	113759	24 4.0
		09.02-	113295	28 55	09.02-	112446	24 4.0
18.262 6.9	(M 90)[D0826LF13]	08.95- 06.96	110895	28 55	08.95- 06.96	113468	24 4.0
		08.95- 06.96	111141	14 55	08.95- 06.96	113759	24 4.0
		08.95- 06.96	112159	28 80			
		08.95- 06.96	113920	28 35			
18.264 6.9	(M 2000 L)[D0826LFL09]	08.95- 09.01	110895	28 55	02.00- 09.01	112446	24 4.0
		08.95- 09.01	112159	28 80	08.95- 09.01	111640	24 4.0
		08.95- 09.01	113920	28 35	08.95-	113759	24 4.0
	(M 2000 M)[D0826LF17]	08.95-	110895	28 55	08.95-	111640	24 4.0
		08.95-	112159	28 80	08.95-	113468	24 4.0
		08.95- 09.01	113920	28 35	08.95- 12.05	113759	24 4.0
18.272 10.0	(M 90)[D2865LF02]	09.91- 10.93	110761	28 35	09.91- 05.94	112120	24 6.6
		09.91- 05.94	110895	28 55	09.91- 05.94	110210	24 6.6
		09.91- 05.94	112159	28 80	09.91- 05.94	110206	24 5.4
		11.93- 05.94	113920	28 35	09.91- 05.94	111046	24 6.6
					09.91- 05.94	113468	24 4.0
			09.91- 05.94	113855	24 5.4		
18.272 6.9	(M 90)[D0826LF04]	10.92- 06.96	110895	28 55	10.92- 06.96	113468	24 4.0
		10.92- 06.96	111141	14 55	10.92- 06.96	113759	24 4.0
		10.92- 06.96	112159	28 80			
		10.92- 04.94	112779#	28 35			
		05.94- 06.96	113920	28 35			
18.280 6.9	(TGM)[D0836LFL41]	10.05-	114007*	28 80	10.05-	114001	24 4.0
		10.05-	115486	28 80 A49			
		10.05-	115492	28 110 A49			
	[D0836LFL51]	10.05-	115486	28 80 A49	10.05-	114001	24 4.0
		10.05-	115492	28 110 A49			
	[D0836LFL54]	10.05-	114007*	28 80			
		10.05-	115486	28 80 A49			
18.284 6.9	(M 2000 L)[D0836LF01]	06.98- 01.01	113289	28 90	06.98- 01.00	113468	24 4.0
		06.98- 01.01	113295	28 55	02.00- 09.01	112446	24 4.0
	(M 2000 M)[D0836LF01]	06.98-			06.98-	113759	24 4.0
		06.98- 01.01	113289	28 90	06.98- 01.00	113468	24 4.0
		06.98- 01.01	113295	28 55	02.00- 09.01	112446	24 4.0
					06.98- 12.05	113759	24 4.0
18.285 6.9	(M 2000 L)[D0836LFL03]	07.01-	113289	28 90	09.99-	235561	
		07.01-	113295	28 55	09.02-	112446	24 4.0
18.290 6.9	(TGM)[D0836LFL64]	10.05-	113998	28 110			
		10.05-	114007*	28 80			
		10.05-	115486	28 80 A49			
		10.05-	115492	28 110 A49			
18.310 10.5	(TGA)[D2066LF04]	05.04-	114528*	28 120	05.04-	110206	24 5.4
		05.04- 09.06	115486	28 80 A49			
		05.04- 09.06	115492	28 110 A49			
		05.04-	115496	28 120 A49			



	[D2066LF14]	05.04-09.06	114528*	28 120	05.04-	110206	24 5.4
		05.04-09.06	115486	28 80 A49			
		05.04-09.06	115492	28 110 A49			
		05.04-	115496	28 120 A49			
	[D2066LF28]	05.04-	114528*	28 120	05.04-	110206	24 5.4
		05.04-	115496	28 120 A49			
	[D2066LF35]	05.04-09.06	114528*	28 120	05.04-	110206	24 5.4
		05.04-09.06	115486	28 80 A49			
		05.04-09.06	115492	28 110 A49			
		05.04-	115496	28 120 A49			
	[D2066LF39]	05.04-09.06	114528*	28 120	05.04-	110206	24 5.4
		05.04-09.06	115486	28 80 A49			
		05.04-09.06	115492	28 110 A49			
		05.04-	115496	28 120 A49			
18.310 12.0	(TGA)[D2866LF26]	09.02-02.05	114008	28 80	04.00-	113855	24 5.4
		03.99-	113289	28 90	02.00-	110206	24 5.4
		03.99-	113295	28 55	04.00-	111046	24 6.6
	[D2866LF36]	03.99-	113289	28 90	04.00-	111046	24 6.6
		03.99-	113295	28 55	02.00-	110206	24 5.4
					04.00-	113855	24 5.4
18.320 10.5	(TGA)[D2066LF04]	05.04-	114528*	28 120	05.04-	110206	24 5.4
		05.04-	115496	28 120 A49			
	[D2066LF14]	05.04-	114528*	28 120	05.04-	110206	24 5.4
		05.04-	115486	28 80 A49			
		05.04-	115492	28 110 A49			
		05.04-	115496	28 120 A49			
	[D2066LF28]	05.04-	114528*	28 120	05.04-	110206	24 5.4
		05.04-	115486	28 80 A49			
		05.04-	115492	28 110 A49			
		05.04-	115496	28 120 A49			
	[D2066LF35]	05.04-	114528*	28 120	05.04-	110206	24 5.4
		05.04-	115486	28 80 A49			
		05.04-	115492	28 110 A49			
		05.04-	115496	28 120 A49			
	[D2066LF39]	05.04-	114528*	28 120	05.04-	110206	24 5.4
		05.04-	115486	28 80 A49			
		05.04-	115492	28 110 A49			
		05.04-	115496	28 120 A49			
	(TGS)[D2066LF28]	10.07-	115486	28 80 A49			
		10.07-	115492	28 110 A49			
	[D2066LF39]	10.07-	114528*	28 120			
		10.07-	115486	28 80 A49			
		10.07-	115492	28 110 A49			
		10.07-	115496	28 120 A49			
	[D2066LOH01]	10.06-	111842	28 140			
18.330 6.9	(TGM)[D0836LFL44]	10.05-	114007*	28 80	10.05-	114001	24 4.0
		10.05-	115486	28 80 A49			
		10.05-	115492	28 110 A49			
	[D0836LFL52]	10.05-	115486	28 80 A49	10.05-	114001	24 4.0
		10.05-	115492	28 110 A49			
	[D0836LFL55]	10.05-	114007*	28 80			
		10.05-	115486	28 80 A49			
18.340 6.9	(TGM)[D0836LFL65]	10.05-	113998	28 110			
		10.05-	114007*	28 80			
		10.05-	115486	28 80 A49			
		10.05-	115492	28 110 A49			
18.350 10.5	(TGA)[D2066LF03]	05.04-	114528*	28 120	05.04-	110206	24 5.4
		05.04-09.06	115486	28 80 A49			
		05.04-09.06	115492	28 110 A49			
		05.04-09.06	115496	28 120 A49			
	[D2066LF13]	05.04-	114528*	28 120	05.04-	110206	24 5.4
		05.04-09.06	115486	28 80 A49			
		05.04-09.06	115492	28 110 A49			
		05.04-09.06	115496	28 120 A49			
	[D2066LF27]	05.04-09.06	115486	28 80 A49			
		05.04-09.06	115492	28 110 A49			
		05.04-09.06	115496	28 120 A49			
	[D2066LF33]	05.04-	114528*	28 120	05.04-	110206	24 5.4
		05.04-09.06	115486	28 80 A49			
		05.04-09.06	115492	28 110 A49			
		05.04-09.06	115496	28 120 A49			
	[D2066LF38]	05.04-09.06	115486	28 80 A49			
		05.04-09.06	115492	28 110 A49			
		05.04-09.06	115496	28 120 A49			
18.360 10.5	(TGA)[D2066LF07]	01.06-	113998	28 110			
		01.06-	115492	28 110 A49			
	[D2066LF27]	01.06-	113998	28 110			
		01.06-	115492	28 110 A49			
	[D2066LF38]	01.06-	113998	28 110			
		01.06-	115492	28 110 A49			
	(TGS)[D2066LF27]	10.07-	115486	28 80 A49			
		10.07-	115492	28 110 A49			
	[D2066LF38]	10.07-	115486	28 80 A49			
		10.07-	115492	28 110 A49			
	(TGX)[D2066LF27]	10.07-	115486	28 80 A49			
		10.07-	115492	28 110 A49			
	[D2066LF38]	10.07-	115486	28 80 A49			
		10.07-	115492	28 110 A49			





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	[D2066LF42]	10.07-	115486	28 80 A49				
		10.07-	115492	28 110 A49				
	[D2066LF52]	10.07-	115486	28 80 A49				
		10.07-	115492	28 110 A49				
	[D2066LF67]	10.07-	115486	28 80 A49				
		10.07-	115492	28 110 A49				
18.360 12.0	(TGA)[D2866LF27]	09.02- 03.04	114008	28 80	04.00-	113855	24 5.4	
		03.99-	111842	28 140	02.00-	110206	24 5.4	
		03.99-	113289	28 90	04.00-	111046	24 6.6	
		03.99-	113295	28 55				
	[D2866LF37]	03.99-	113289	28 90	02.00-	110206	24 5.4	
		03.99-	113295	28 55	04.00-	111046	24 6.6	
					04.00-	113855	24 5.4	
18.390 10.5	(TGA)[D2066LF02]	05.04-	114528*	28 120				
		05.04-	115486	28 80 A49				
		05.04-	115492	28 110 A49				
		05.04-	115496	28 120 A49				
	[D2066LF12]	05.04-	114528*	28 120				
		05.04-	115486	28 80 A49				
		05.04-	115492	28 110 A49				
		05.04-	115496	28 120 A49				
	[D2066LF26]	05.04-	115486	28 80 A49				
		05.04-	115492	28 110 A49				
		05.04-	115496	28 120 A49				
	[D2066LF32]	05.04-	114528*	28 120				
		05.04-	115486	28 80 A49				
		05.04-	115492	28 110 A49				
		05.04-	115496	28 120 A49				
	[D2066LF37]	05.04-	115486	28 80 A49				
		05.04-	115492	28 110 A49				
		05.04-	115496	28 120 A49				
18.400 10.5	(TGA)[D2066LF26]	10.05-	114007*	28 80				
		10.05-	115486	28 80 A49				
	[D2066LF37]	10.05-	114007*	28 80				
		10.05-	115486	28 80 A49				
	(TGS)[D2066LF26]	10.07-	115486	28 80 A49				
		10.07-	115492	28 110 A49				
	[D2066LF37]	10.07-	114528*	28 120				
		10.07-	115486	28 80 A49				
		10.07-	115492	28 110 A49				
		10.07-	115496	28 120 A49				
	(TGX)[D2066LF26]	10.07-	115486	28 80 A49				
		10.07-	115492	28 110 A49				
	[D2066LF37]	10.07-	114528*	28 120				
		10.07-	115486	28 80 A49				
		10.07-	115492	28 110 A49				
		10.07-	115496	28 120 A49				
	[D2066LF41]	10.07-	114528*	28 120				
		10.07-	115486	28 80 A49				
		10.07-	115492	28 110 A49				
		10.07-	115496	28 120 A49				
	[D2066LF51]	10.07-	115486	28 80 A49				
		10.07-	115492	28 110 A49				
		10.07-	115496	28 120 A49				
	[D2066LF61]	10.07-	115486	28 80 A49				
		10.07-	115492	28 110 A49				
		10.07-	115496	28 120 A49				
18.410 12.0	(TGA)[D2866LF28]	09.02- 12.05	114008	28 80	04.00-	113855	24 5.4	
		03.99-	113289	28 90	02.00-	110206	24 5.4	
		03.99-	113295	28 55	04.00-	111046	24 6.6	
	[D2866LF32]	03.99-	113289	28 90	02.00-	110206	24 5.4	
		03.99-	113295	28 55	04.00-	111046	24 6.6	
					04.00-	113855	24 5.4	
18.430 10.5	(TGA)[D2066LF01]	05.04-	114528*	28 120				
		05.04-	115486	28 80 A49				
		05.04-	115492	28 110 A49				
		05.04-	115496	28 120 A49				
	[D2066LF11]	05.04-	114528*	28 120				
		05.04-	115486	28 80 A49				
		05.04-	115492	28 110 A49				
		05.04-	115496	28 120 A49				
	[D2066LF25]	05.04-	115486	28 80 A49				
		05.04-	115492	28 110 A49				
		05.04-	115496	28 120 A49				
	[D2066LF31]	05.04-	114528*	28 120				
		05.04-	115486	28 80 A49				
		05.04-	115492	28 110 A49				
		05.04-	115496	28 120 A49				
	[D2066LF36]	05.04-	115486	28 80 A49				
		05.04-	115492	28 110 A49				
		05.04-	115496	28 120 A49				
18.440 10.5	(TGA)[D2066LF25]	09.05-	113998	28 110				
		09.05-	115492	28 110 A49				
	[D2066LF36]	09.05-	113998	28 110				
		09.05-	115492	28 110 A49				
	(TGS)[D2066LF25]	10.07-	115486	28 80 A49				
		10.07-	115492	28 110 A49				
	[D2066LF36]	10.07-	115486	28 80 A49	10.07-	115440*	24 7.0	
		10.07-	115492	28 110 A49				



	(TGX)[D2066LF25]	10.07-	115486	28 80 A49				
		10.07-	115492	28 110 A49				
	[D2066LF36]	10.07-	115486	28 80 A49	10.07-	115440*	24 7.0	
		10.07-	115492	28 110 A49				
	[D2066LF40]	10.07-	115486	28 80 A49	10.07-	115440*	24 7.0	
		10.07-	115492	28 110 A49				
	[D2066LF41]	10.07-	115486	28 80 A49	10.07-	115440*	24 7.0	
		10.07-	115492	28 110 A49				
18.440 12.4	(TGX)[D2676LF22]	10.07-	114528*	28 120				
		10.07-	115496	28 120 A49				
	[D2676LF26]	10.07-	115496	28 120 A49				
18.460 12.8	(TGA)[D2876LF04]	03.99-	113289	28 90	02.00-	110206	24 5.4	
		03.99-	113295	28 55	04.00-	111046	24 6.6	
					04.00-	113855	24 5.4	
	[D2876LF07]	03.99-	113289	28 90	02.00-	110206	24 5.4	
		03.99-	113295	28 55	04.00-	111046	24 6.6	
					04.00-	113855	24 5.4	
18.480 12.4	(TGA)[D2676LF01]	01.06-	114528*	28 120				
		01.06-	115486	28 80 A49				
		01.06-	115492	28 110 A49				
		01.06-	115496	28 120 A49				
	[D2676LF05]	01.06-	114007*	28 80				
		01.06-	115486	28 80 A49				
		01.06-	115492	28 110 A49				
		01.06-	115496	28 120 A49				
		02.06-	113998	28 110				
	[D2676LF12]	02.06-	113998	28 110				
		02.06-	115492	28 110 A49				
	[D2676LF14]	01.06-	114007*	28 80				
		01.06-	115486	28 80 A49				
		01.06-	115492	28 110 A49				
		01.06-	115496	28 120 A49				
	(TGS)[D2676LF05]	10.07-	114528*	28 120	10.07-	115440*	24 7.0	
		10.07-	115486	28 80 A49				
		10.07-	115492	28 110 A49				
		10.07-	115496	28 120 A49				
	[D2676LF07]	10.07-	114528*	28 120				
		10.07-	115496	28 120 A49				
	[D2676LF14]	10.07-	115486	28 80 A49	10.07-	115440*	24 7.0	
		10.07-	115492	28 110 A49				
	(TGX)[D2676LF05]	10.07-	115486	28 80 A49	10.07-	115440*	24 7.0	
		10.07-	115492	28 110 A49				
	[D2676LF07]	10.07-	115486	28 80 A49	10.07-	115440*	24 7.0	
		10.07-	115492	28 110 A49				
	[D2676LF14]	10.07-	115486	28 80 A49	10.07-	115440*	24 7.0	
		10.07-	115492	28 110 A49				
	[D2676LF21]	10.07-	115486	28 80 A49				
		10.07-	115492	28 110 A49				
	[D2676LF25]	10.07-	115486	28 80 A49				
		10.07-	115492	28 110 A49				
18.480 12.8	(TGA)[D2876LF12]	09.02-	113998	28 110	09.02-	113855	24 5.4	
		09.02-	114008	28 80	10.02-	110206	24 5.4	
		07.03-	113289	28 90				
18.510 12.8	(TGA)[D2876LF05]	04.00-	113289	28 90	04.00-	110206	24 5.4	
		04.00-	113295	28 55	04.00-	111046	24 6.6	
18.530 12.8	(TGA)[D2876LF13]	09.02-	113998	28 110	09.02-	113855	24 5.4	
		09.02-	114008	28 80	09.02-	110206	24 5.4	
		10.02-	113289	28 90	09.02-	114031	24 5.4	
18.540 12.4	(TGA)[D2676LF13]	08.06-	113998	28 110				
		08.06-	115492	28 110 A49				
	(TGS)[D2676LF13]	10.07-	115486	28 80 A49	10.07-	115440*	24 7.0	
		10.07-	115492	28 110 A49				
	(TGX)[D2676LF06]	10.07-	115486	28 80 A49	10.07-	115440*	24 7.0	
		10.07-	115492	28 110 A49				
	[D2676LF13]	10.07-	115486	28 80 A49	10.07-	115440*	24 7.0	
		10.07-	115492	28 110 A49				
18.680 16.2	(TGX)[D2868LF02]	10.07-	114528*	28 120				
		10.07-	115486	28 80 A49				
		10.07-	115492	28 110 A49				
		10.07-	115496	28 120 A49				
	[D2868LF03]	10.07-	114528*	28 120				
		10.07-	115486	28 80 A49				
		10.07-	115492	28 110 A49				
		10.07-	115496	28 120 A49				
19.233 12.0	(F 2000)[E2866DF01]	09.96- 12.01	110895	28 55	09.96- 12.01	110206	24 5.4	
		09.96- 12.01	112159	28 80				
19.242 12.0	(F 90)[D2866F/240]	01.88- 02.89	110761	28 35	01.88- 02.89	111046	24 6.6	
		01.88- 02.89	110895	28 55	01.88- 02.89	110206	24 5.4	
					01.88- 02.89	113855	24 5.4	
19.262 10.0	(F 90)[D2865LF/260]	01.88- 02.90	110761	28 35	01.88- 02.90	112120	24 6.6	
		01.88- 02.90	110895	28 55	01.88- 02.90	110206	24 5.4	
		01.88- 02.90	112159	28 80	01.88- 02.90	110210	24 6.6	
					01.88- 02.90	111046	24 6.6	
					01.88- 02.90	113855	24 5.4	
19.272 10.0	(F 90)[D2865LF02]	02.90- 10.93	110761	28 35	02.90- 05.95	112120	24 6.6	
		02.90- 05.95	110895	28 55	02.90- 05.95	110206	24 5.4	
		02.90- 05.95	112159	28 80	02.90- 05.95	110210	24 6.6	
					02.90- 05.95	111046	24 6.6	
					02.90- 05.95	113855	24 5.4	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



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	[D2865LF05]	02.90- 10.93	110761	28 35	02.90- 05.95	112120	24 6.6
		02.90- 05.95	110895	28 55	02.90- 05.95	110206	24 5.4
		02.90- 05.95	112159	28 80	02.90- 05.95	110210	24 6.6
		11.93- 05.95	113920	28 35	02.90- 05.95	111046	24 6.6
					02.90- 05.95	113855	24 5.4
19.273 10.0	(F 2000)[D2865LF22]	01.94- 12.95	110895	28 55	01.94- 12.95	111046	24 6.6
		01.94- 12.95	112159	28 80	01.94- 12.95	110206	24 5.4
		01.94- 12.95	113920	28 35	01.94- 12.95	113855	24 5.4
19.292 12.0	(F 90)[D2866LF/290]	07.86- 02.90	110761	28 35	07.86- 02.90	113855	24 5.4
		07.86- 02.90	110895	28 55	07.86- 02.90	110206	24 5.4
		07.86- 02.90	112159	28 80	07.86- 02.90	111046	24 6.6
19.293 10.0	(F 2000)[D2865LF20]	01.94-	110895	28 55	01.94-	110210	24 6.6
		01.94-	112159	28 80	01.94-	110206	24 5.4
		01.94- 09.01	113920	28 35	01.94-	112120	24 6.6
					01.94-	111046	24 6.6
					01.94-	113855	24 5.4
	[D2865LF24]	04.95-	110895	28 55	01.94-	112120	24 6.6
		04.95-	112159	28 80	04.95-	110206	24 5.4
		04.95- 09.01	113920	28 35	01.94-	111046	24 6.6
					01.94-	113855	24 5.4
19.310 12.0	(E2000 Evolution)[D2866LF23]				05.00-	110206	24 5.4
19.314 12.0	(F 2000)[D2866LF34]	06.98- 12.01	110895	28 55	06.98- 08.02	110206	24 5.4
		06.98- 01.01	113289	28 90			
		06.98- 01.01	113295	28 55			
		06.98- 12.01	113920	28 35			
		05.01-	110895	28 55			
19.322 10.0	(F 90)[D2865LF03]	02.90- 10.93	110761	28 35	02.90- 06.96	112120	24 6.6
		02.90- 05.95	110895	28 55	02.90- 06.96	111046	24 6.6
		02.90- 06.96	112159	28 80	02.90- 06.96	110210	24 6.6
					02.90- 05.95	110206	24 5.4
					02.90- 05.95	113855	24 5.4
	[D2865LF06]	02.90- 10.93	110761	28 35	02.90- 06.96	111046	24 6.6
		02.90- 06.96	110895	28 55	02.90- 06.96	110210	24 6.6
		02.90- 06.96	112159	28 80	02.90- 06.96	112120	24 6.6
		02.90- 06.96	113920	28 35	02.90- 05.95	110206	24 5.4
					02.90- 05.95	113855	24 5.4
19.322 10.0 Unterflur	(F 90)[D2865LF03]	02.90- 05.94	110895	28 55	02.90- 05.94	110206	24 5.4
		02.90- 05.94	112159	28 80	02.90- 05.94	110210	24 6.6
		02.90- 05.94	113920	28 35	02.90- 05.94	112120	24 6.6
					02.90- 05.94	111046	24 6.6
					02.90- 05.94	113855	24 5.4
	[D2865LF06]	02.90- 05.94	110895	28 55	02.90- 05.94	110210	24 6.6
		02.90- 05.94	112159	28 80	02.90- 05.94	112120	24 6.6
		02.90- 05.94	113920	28 35	02.90- 05.94	111046	24 6.6
					02.90- 05.94	113855	24 5.4
19.323 10.0	(F 2000)[D2865LF23]	01.94- 12.95	110895	28 55	01.94- 12.95	113855	24 5.4
		01.94- 12.95	112159	28 80	01.94- 12.95	111046	24 6.6
		01.94- 12.95	113920	28 35	01.94- 12.95	110206	24 5.4
19.332 12.0	(F 90)[D2866LF/330]	07.86- 02.90	110761	28 35	07.86- 02.90	113855	24 5.4
		07.86- 02.90	110895	28 55	07.86- 02.90	110206	24 5.4
		07.86- 02.90	112159	28 80	07.86- 02.90	111046	24 6.6
19.332 12.0 Unterflur	(F 90)[D2866LUL/330]	07.86- 02.90	110895	28 55	07.86- 02.90	110206	24 5.4
19.342 10.0	(F 90)[D2865LF09]	05.94- 06.96	110895	28 55	05.94- 06.96	110210	24 6.6
		05.94- 06.96	112159	28 80	05.94- 06.96	112120	24 6.6
		05.94- 06.96	113920	28 35	05.94- 06.96	111046	24 6.6
					05.94- 05.95	110206	24 5.4
					05.94- 05.95	113855	24 5.4
19.343 10.0	(F 2000)[D2865LF21]	01.94-	110895	28 55	01.94-	111046	24 6.6
		01.94-	112159	28 80	01.94-	110206	24 5.4
		01.94- 09.01	113920	28 35	01.94-	113855	24 5.4
19.350 10.5	(TGA)[D2066LF03]	05.04-	114528*	28 120			
		05.04-	115496	28 120 A49			
19.360 10.5	(TGA)[D2066LF07]	05.04-	114528*	28 120			
		05.04-	115496	28 120 A49			
	(TGS)[D2066LF07]	02.11-	113998	28 110	02.11-	115440*	24 7.0
		02.11-	114007*	28 80	02.11-	115556	24 5.5
		02.11-	114528*	28 120			
		02.11-	115486	28 80 A49			
		02.11-	115492	28 110 A49			
		02.11-	115496	28 120 A49			
	[D2066LF48]	02.11-	113998	28 110	02.11-	115556	24 5.5
		02.11-	114007*	28 80	02.11-	115440*	24 7.0
		02.11-	114528*	28 120			
		02.11-	115486	28 80 A49			
		02.11-	115492	28 110 A49			
		02.11-	115496	28 120 A49			
	[D2066LF64]	02.11-	113998	28 110	02.11-	115556	24 5.5
		02.11-	114007*	28 80	02.11-	115440*	24 7.0
		02.11-	114528*	28 120			
		02.11-	115486	28 80 A49			
		02.11-	115492	28 110 A49			
		02.11-	115496	28 120 A49			
19.360 12.0	(E2000 Evolution)[D2866LF24]				05.00-	110206	24 5.4
19.362 12.0	(F 90)[D2866KF]	07.86- 02.90	110761	28 35	07.86- 02.90	113855	24 5.4
		07.86- 02.90	110895	28 55	07.86- 02.90	110206	24 5.4
		07.86- 02.90	112159	28 80	07.86- 02.90	111046	24 6.6
	[D2866LXF]	07.86- 02.90	110761	28 35	07.86- 02.90	113855	24 5.4
		07.86- 02.90	110895	28 55	07.86- 02.90	110206	24 5.4
		07.86- 02.90	112159	28 80	07.86- 02.90	111046	24 6.6



19.362 12.0 Unterflur	(F 90)[D2866KUL]	07.86- 01.91	110895	28 55	07.86- 01.91	110206	24 5.4
		Eng. 4912001- 07.86- 01.91	112779#	28 35			
		Eng. -4912000 07.86- 01.91	110761	28 35			
19.364 12.0	(F 2000)[D2866LF35]	06.98- 12.01	110895	28 55	06.98- 12.01	110206	24 5.4
		06.98- 01.01	113289	28 90			
		06.98- 01.01	113295	28 55			
		06.98- 12.01	113920	28 35			
19.372 12.0	(F 90)[D2866LF03]	02.90- 10.93	110761	28 35	02.90- 05.95	113855	24 5.4
		02.90- 05.95	110895	28 55			
		02.90- 06.96	112159	28 80			
	[D2866LF05]	02.90- 05.95	110761	28 35	02.90- 05.95	111046	24 6.6
		02.90- 05.95	110895	28 55			
		02.90- 06.96	112159	28 80			
	[D2866LF15]	09.93- 06.96	113920	28 35	02.90- 05.95	113855	24 5.4
		02.90- 05.95	110761	28 35			
		02.90- 05.95	110895	28 55			
	[D2866LXF/Silent]	02.90- 05.95	112159	28 80	02.90- 12.94	110206	24 5.4
		02.90- 06.96	112159	28 80			
		09.93- 06.96	113920	28 35			
[D2866LXF/Silent]	05.90- 04.95	110761	28 35	05.90- 04.95	111046	24 6.6	
	05.90- 04.95	110895	28 55				
	05.90- 04.95	113855	24 5.4				
19.372 12.0 Unterflur	(F 90)[D2866LF03]	02.90- 05.94	110895	28 55	02.90- 05.94	110206	24 5.4
		02.90- 05.94	112159	28 80			
		02.90- 05.94	113920	28 35			
		02.90- 05.94	110895	28 55			
		02.90- 05.94	112159	28 80			
[D2866LF05]	02.90- 05.94	113920	28 35	02.90- 11.92	110206	24 5.4	
	02.90- 05.94	110895	28 55				
	02.90- 05.94	112159	28 80				
19.373 12.0	(F 2000)[D2866LF21]	01.94- 12.95	110895	28 55	01.94- 12.95	110206	24 5.4
		01.94- 12.95	112159	28 80			
		01.94- 12.95	113920	28 35			
19.390 10.5	(TGA)[D2066LF02]	05.04-	114528*	28 120			
		05.04-	115496	28 120 A49			
		05.04-	115496	28 120 A49			
19.400 10.5	(TGA)[D2066LF06]	05.04-	114528*	28 120	02.11-	115556	24 5.5
		05.04-	115496	28 120 A49			
	(TGS)[D2066LF06]	02.11-	113998	28 110			
		02.11-	114007*	28 80			
		02.11-	114528*	28 120			
		02.11-	115486	28 80 A49			
		02.11-	115492	28 110 A49			
	[D2066LF49]	02.11-	115496	28 120 A49			
		02.11-	113998	28 110			
		02.11-	114007*	28 80			
		02.11-	114528*	28 120			
		02.11-	115486	28 80 A49			
[D2066LF63]	02.11-	115492	28 110 A49				
	02.11-	115496	28 120 A49				
	02.11-	113998	28 110				
	02.11-	114007*	28 80				
	02.11-	114528*	28 120				
19.402 12.0	(F 90)[D2866LF16]	05.94- 05.95	110761	28 35	05.94- 06.96	111062	24 5.4
		05.94- 05.95	110895	28 55			
		05.94- 06.96	112159	28 80			
		05.94- 06.96	113920	28 35			
		05.94- 06.96	113920	28 35			
19.403 12.0	(F 2000)[D2866LF20]	01.94-	110895	28 55	01.94-	110206	24 5.4
		01.94-	112159	28 80			
		01.94-	113289	28 90			
		01.94-	113295	28 55			
		01.94- 09.01	113920	28 35			
19.410 12.0	(E2000 Evolution)[D2866LF25]				05.00-	110206	24 5.4
19.414 12.0	(F 2000)[D2866LF31]	06.98- 12.01	110895	28 55	06.98- 12.01	110206	24 5.4
		06.98- 01.01	113289	28 90			
		06.98- 01.01	113295	28 55			
		06.98- 12.01	113920	28 35			
		06.98- 12.01	113920	28 35			
19.422 12.0	(F 90)[D2866LF06]	02.90- 08.93	110761	28 35	02.90- 05.95	113855	24 5.4
		02.90- 10.92	110895	28 55			
		02.90- 06.96	112159	28 80			
	[D2866LF09]	02.90- 06.96	110761	28 35	02.90- 05.95	111046	24 6.6
		02.90- 05.95	110895	28 55			
		02.90- 06.96	112159	28 80			
	[D2866LF10]	09.93- 06.96	113920	28 35	02.90- 06.96	110206	24 5.4
		02.90- 05.95	110761	28 35			
		02.90- 05.95	110895	28 55			
	[D2866LF10]	02.90- 05.95	112159	28 80	02.90- 05.95	113855	24 5.4
		02.90- 05.95	110895	28 55			
		02.90- 05.95	112159	28 80			
19.422 12.0 Unterflur	(F 90)[D2866LF06]	02.90- 05.94	110895	28 55	02.90- 11.90	110206	24 5.4
		02.90- 05.94	112159	28 80			
		02.90- 05.94	113920	28 35			
		02.90- 05.94	110761	28 35			
		02.90- 05.94	110895	28 55			
[D2866LF09]	02.90- 05.94	112159	28 80	02.90- 11.92	110206	24 5.4	
	02.90- 05.94	110895	28 55				
	02.90- 05.94	112159	28 80				
19.423 12.0	(F 2000)[D2866LF22]	01.94- 12.95	110895	28 55	01.94- 12.95	110206	24 5.4
		01.94- 12.95	112159	28 80			
		01.94- 12.95	113289	28 90			
		01.94- 12.95	113295	28 55			
		01.94- 12.95	113920	28 35			

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

MAN Continued

19.430 10.5	(TGA)[D2066LF01]	05.04-	114528*	28 120				
		05.04-	115496	28 120 A49				
19.440 10.5	(TGS)[D2066LF50]	02.11-	113998	28 110		02.11-	115556	24 5.5
		02.11-	114007*	28 80		02.11-	115440*	24 7.0
		02.11-	114528*	28 120				
		02.11-	115486	28 80 A49				
		02.11-	115492	28 110 A49				
		02.11-	115496	28 120 A49				
	[D2066LF62]	02.11-	113998	28 110		02.11-	115556	24 5.5
		02.11-	114007*	28 80		02.11-	115440*	24 7.0
		02.11-	114528*	28 120				
		02.11-	115486	28 80 A49				
19.440 12.4	(TGA)[D2676LF04]	02.06-	114528*	28 120				
		02.06-	115496	28 120 A49				
(TGS)[D2676LF04]	02.11-	113998	28 110		02.11-	115556	24 5.5	
	02.11-	114007*	28 80		02.11-	115440*	24 7.0	
	02.11-	114528*	28 120					
	02.11-	115486	28 80 A49					
	02.11-	115492	28 110 A49					
	02.11-	115496	28 120 A49					
19.460 12.8	(E2000 Evolution)[D2876LF03]	05.00-	113920	28 35				
19.462 18.3	(F 90)[D2840LF/460]	05.87- 02.90	110761	28 35		05.87- 02.90	111046	24 6.6
		05.87- 02.90	110895	28 55		05.87- 02.90	110210	24 6.6
		05.87- 02.90	112159	28 80		05.87- 02.90	112120	24 6.6
19.463 12.8	(F 2000)[D2876LF02]	01.94-	110895	28 55		01.94-	110206	24 5.4
		01.94-	112159	28 80		01.94-	111046	24 6.6
		01.94-	113289	28 90		01.94-	113855	24 5.4
		01.94-	113295	28 55				
19.464 12.8	(F 2000)[D2876LF06]	06.98- 07.01	110895	28 55		06.98- 09.01	110206	24 5.4
		06.98- 01.01	113289	28 90				
		06.98- 01.01	113295	28 55				
		06.98- 07.01	113920	28 35				
19.480 12.4	(TGA)[D2676LF02]	02.06-	114528*	28 120				
		02.06-	115496	28 120 A49				
		02.06-	115496	28 120 A49				
	[D2676LF03]	02.06-	114528*	28 120				
		02.06-	115496	28 120 A49				
		02.06-	115496	28 120 A49				
	(TGS)[D2676LF02]	02.11-	113998	28 110		02.11-	115556	24 5.5
		02.11-	114007*	28 80		02.11-	115440*	24 7.0
		02.11-	114528*	28 120				
		02.11-	115486	28 80 A49				
		02.11-	115492	28 110 A49				
		02.11-	115496	28 120 A49				
	[D2676LF03]	02.11-	113998	28 110		02.11-	115556	24 5.5
		02.11-	114007*	28 80		02.11-	115440*	24 7.0
		02.11-	114528*	28 120				
		02.11-	115486	28 80 A49				
		02.11-	115492	28 110 A49				
		02.11-	115496	28 120 A49				
	[D2676LF20]	02.11-	113998	28 110		02.11-	115556	24 5.5
		02.11-	114007*	28 80		02.11-	115440*	24 7.0
		02.11-	114528*	28 120				
		02.11-	115486	28 80 A49				
		02.11-	115492	28 110 A49				
		02.11-	115496	28 120 A49				
[D2676LF31]	02.11-	113998	28 110		02.11-	115556	24 5.5	
	02.11-	114007*	28 80		02.11-	115440*	24 7.0	
	02.11-	114528*	28 120					
	02.11-	115486	28 80 A49					
	02.11-	115492	28 110 A49					
	02.11-	115496	28 120 A49					
19.480 12.8	(TGA)[D2876LF25]	05.04-	114008	28 80				
19.502 18.3	(F 90)[D2840LF01]	02.90- 06.96	110761	28 35		02.90- 06.96	110210	24 6.6
		02.90- 06.96	110895	28 55		02.90- 06.96	111046	24 6.6
		02.90- 06.96	112159	28 80				
		02.90- 06.96	113920	28 35				
	[D2840LF04]	02.90- 06.96	110761	28 35		02.90- 06.96	110210	24 6.6
		02.90- 06.96	110895	28 55		02.90- 06.96	111046	24 6.6
		02.90- 06.96	112159	28 80				
		02.90- 06.96	113920	28 35				
	[D2840LF06]	02.90- 06.96	110761	28 35		02.90- 06.96	110210	24 6.6
		02.90- 06.96	110895	28 55		02.90- 06.96	111046	24 6.6
		02.90- 06.96	112159	28 80				
		02.90- 06.96	113920	28 35				
19.603 18.3	(F 2000)[D2840LF20]				04.96-	110210	24 6.6	
					04.96-	111046	24 6.6	
					04.96-	112120	24 6.6	
					04.96-	113855	24 5.4	
20.224 6.9	(M 2000 L)	05.01-	110895	28 55				
22.240 6.9	(TGM)[D0836LFL53]	10.05-	114007*	28 80				
		10.05-	115486	28 80 A49				
22.250 6.9	(TGM)[D0836LFL63]	10.05-	114007*	28 80				
		10.05-	115486	28 80 A49				
22.280 6.9	(TGM)[D0836LFL54]	10.05-	114007*	28 80				
		10.05-	115486	28 80 A49				
22.290 6.9	(TGM)[D0836LFL64]	10.05-	114007*	28 80				
		10.05-	115486	28 80 A49				



23.293 10.0	(F 2000)[D2865LF20]	01.94-	110895	28 55	01.94-	110206	24 5.4
		01.94-	112159	28 80	01.94-	110210	24 6.6
		01.94- 01.00	113920	28 35	01.94-	112120	24 6.6
	[D2865LF24]	04.95-	110895	28 55	04.95-	110206	24 5.4
		04.95-	112159	28 80	01.94-	112120	24 6.6
		04.95- 01.00	113920	28 35	01.94-	111046	24 6.6
					01.94-	113855	24 5.4
23.314 12.0	(F 2000)	05.01-	110895	28 55			
23.343 10.0	(F 2000)[D2865LF21]	01.94-	110895	28 55	01.94-	110206	24 5.4
		01.94-	112159	28 80	01.94-	111046	24 6.6
		01.94- 01.00	113920	28 35	01.94-	113855	24 5.4
23.364 12.0	(F 2000)	05.01-	110895	28 55			
23.403 12.0	(F 2000)[D2866LF20]	01.94-	110895	28 55	01.94-	110206	24 5.4
		01.94-	112159	28 80	01.94-	111046	24 6.6
		01.94-	113289	28 90	01.94-	113855	24 5.4
		01.94-	113295	28 55			
		01.94- 09.00	113920	28 35			
23.463 12.8	(F 2000)[D2876LF02]	01.94-	110895	28 55	01.94-	110206	24 5.4
		01.94-	112159	28 80	01.94-	111046	24 6.6
		01.94-	113289	28 90	01.94-	113855	24 5.4
		01.94-	113295	28 55			
24.192 6.9	(M 90)[D0826LF01]	05.87-	110116	28 35	07.89- 06.96	113468	24 4.0
		07.89- 06.96	110895	28 55	07.89- 06.96	111640	24 4.0
		07.89- 06.96	112159	28 80			
		07.89- 10.92	112779#	28 35			
[D0826LF05]	05.87-	110116	28 35	07.89- 06.96	113468	24 4.0	
	07.89- 06.96	110895	28 55	07.89- 06.96	111640	24 4.0	
	07.89- 06.96	112159	28 80				
	07.89- 05.94	112779#	28 35				
[D0826LF07]	05.87-	110116	28 35	07.89- 06.96	111640	24 4.0	
	07.89- 06.96	110895	28 55	07.89- 06.96	113468	24 4.0	
	07.89- 06.96	112159	28 80				
	07.89- 07.94	112779#	28 35				
	08.94- 06.96	113920	28 35				
24.222 6.9	(M 90)[D0826LF11]	05.94- 06.96	110895	28 55	05.94- 06.96	113468	24 4.0
		05.94- 06.96	111141	14 55	05.94- 06.96	113759	24 4.0
		05.94- 06.96	112159	28 80			
		05.94- 06.96	113920	28 35			
24.232 6.9	(M 90)[D0826LF/217/Silent]	05.90- 03.92	110761	28 35	05.90- 04.95	113468	24 4.0
		05.90- 04.95	110895	28 55	05.90- 04.95	111640	24 4.0
		05.90- 04.95	112159	28 80			
		04.92- 04.95	113920	28 35			
	[D0826LF02]	07.89- 06.96	110895	28 55	07.89- 06.96	113759	24 4.0
		07.89- 06.96	112159	28 80	07.89- 06.96	113468	24 4.0
		07.89- 10.92	112779#	28 35	07.89- 06.96	111640	24 4.0
	[D0826LF06]	07.89- 06.96	110895	28 55	07.89- 06.96	113468	24 4.0
		07.89- 06.96	111141	14 55	07.89- 06.96	113759	24 4.0
		07.89- 06.96	112159	28 80			
		06.92- 04.94	112779#	28 35			
	[D0826LF08]	07.89- 06.96	110895	28 55	07.89- 06.96	113468	24 4.0
		07.89- 06.96	111141	14 55	07.89- 06.96	113759	24 4.0
07.89- 06.96		112159	28 80				
05.94- 06.96		113920	28 35				
24.242 12.0	(F 90)[D2866F/240]	01.88- 02.90	110761	28 35	01.88- 02.90	111046	24 6.6
		01.88- 02.90	110895	28 55	01.88- 07.88	110206	24 5.4
					01.88- 02.90	113855	24 5.4
24.262 10.0	(F 90)[D2865LF/260]	01.88- 02.90	110761	28 35	01.88- 02.90	112120	24 6.6
		01.88- 02.90	110895	28 55	01.88- 02.90	110206	24 5.4
		01.88- 02.90	112159	28 80	01.88- 02.90	110210	24 6.6
					01.88- 02.90	111046	24 6.6
					01.88- 02.90	113855	24 5.4
24.262 6.9	(M 90)[D0826LF13]	08.95- 06.96	110895	28 55	08.95- 06.96	113468	24 4.0
		08.95- 06.96	111141	14 55	08.95- 06.96	113759	24 4.0
		08.95- 06.96	112159	28 80			
		08.95- 06.96	113920	28 35			
24.272 10.0	(F 90)[D2865LF02]	02.90- 04.95	110761	28 35	02.90- 05.95	112120	24 6.6
		02.90- 05.95	110895	28 55	02.90- 05.95	110206	24 5.4
		02.90- 05.95	112159	28 80	02.90- 05.95	110210	24 6.6
		11.93- 05.95	113920	28 35	02.90- 05.95	111046	24 6.6
					02.90- 05.95	113855	24 5.4
	[D2865LF05]	02.90- 05.95	110895	28 55	02.90- 05.95	110206	24 5.4
		02.90- 05.95	112159	28 80	02.90- 05.95	110210	24 6.6
		02.90- 05.95	113920	28 35	02.90- 05.95	112120	24 6.6
					02.90- 05.95	111046	24 6.6
					02.90- 05.95	113855	24 5.4
	(M 90)[D2865LF02]	09.91- 10.93	110761	28 35	09.91- 05.94	112120	24 6.6
		09.91- 05.94	110895	28 55	09.91- 05.94	110210	24 6.6
		09.91- 05.94	112159	28 80	09.91- 05.94	110206	24 5.4
		11.93- 05.94	113920	28 35	09.91- 05.94	111046	24 6.6
					09.91- 05.94	113855	24 5.4
24.272 6.9	(M 90)[D0826LF04]	10.92- 06.96	110895	28 55	10.92- 06.96	113468	24 4.0
		10.92- 06.96	111141	14 55	10.92- 06.96	111640	24 4.0
		10.92- 06.96	112159	28 80	10.92- 06.96	113759	24 4.0
		10.92- 04.94	112779#	28 35			
		05.94- 06.96	113920	28 35			

## STARTERS & ALTERNATORS

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24.273 10.0	(F 2000)[D2865LF22]	01.94- 12.95	110895	28 55	01.94- 12.95	110206	24 5.4
		01.94- 12.95	112159	28 80	01.94- 12.95	111046	24 6.6
		01.94- 12.95	113920	28 35	01.94- 12.95	113855	24 5.4
24.292 12.0	(F 90)[D2866LF/290]	10.86- 02.90	110761	28 35	10.86- 02.90	113855	24 5.4
		10.86- 02.90	110895	28 55	10.86- 02.90	110206	24 5.4
		10.86- 02.90	112159	28 80	10.86- 02.90	111046	24 6.6
24.293 10.0	(F 2000)[D2865LF24]	01.94-	110895	28 55	01.94-	110206	24 5.4
		01.94-	112159	28 80	01.94-	111046	24 6.6
		01.94- 01.00	113920	28 35	01.94-	113855	24 5.4
24.302 12.0	(F 90)[D2866LF04]	05.90- 04.95	110761	28 35	05.90- 04.95	113855	24 5.4
		05.90- 04.95	110895	28 55	05.90- 12.90	110206	24 5.4
		05.90- 04.95	112159	28 80	05.90- 04.95	111046	24 6.6
24.314 12.0	(F 2000)	05.01-	110895	28 55			
24.320 10.5	(TGS)[D2066LF28]	10.07-	115486	28 80 A49			
		10.07-	115492	28 110 A49			
24.322 10.0	(F 90)[D2865LF03]	02.90- 12.90	110761	28 35	02.90- 05.95	112120	24 6.6
		02.90- 05.95	110895	28 55	02.90- 12.90	110206	24 5.4
		02.90- 05.95	112159	28 80	02.90- 05.95	110210	24 6.6
					02.90- 05.95	111046	24 6.6
					02.90- 05.95	113855	24 5.4
	[D2865LF06]	02.90- 05.95	110895	28 55	02.90- 05.95	110206	24 5.4
		02.90- 05.95	112159	28 80	02.90- 05.95	110210	24 6.6
02.90- 05.95		113920	28 35	02.90- 05.95	112120	24 6.6	
				02.90- 05.95	111046	24 6.6	
				02.90- 05.95	11046	24 6.6	
				02.90- 05.95	113855	24 5.4	
24.322 10.0 Unterflur	(F 90)[D2865LF03]	02.90- 12.90	110761	28 35	02.90- 12.90	110210	24 6.6
		02.90- 12.90	110895	28 55	02.90- 12.90	110206	24 5.4
		02.90- 12.90	112159	28 80	02.90- 12.90	112120	24 6.6
					02.90- 12.90	111046	24 6.6
				02.90- 12.90	113855	24 5.4	
24.323 10.0	(F 2000)[D2865LF23]	01.94- 12.95	110895	28 55	01.94- 12.95	110206	24 5.4
		01.94- 12.95	112159	28 80	01.94- 12.95	111046	24 6.6
		01.94- 12.95	113920	28 35	01.94- 12.95	113855	24 5.4
24.332 12.0	(F 90)[D2866LF/330]	10.86- 02.90	110761	28 35	10.86- 02.90	113855	24 5.4
		10.86- 02.90	110895	28 55	10.86- 02.90	110206	24 5.4
		10.86- 02.90	112159	28 80	10.86- 02.90	111046	24 6.6
24.332 12.0 Unterflur	(F 90)[D2866LUL/330]	10.86- 02.90	110895	28 55	10.86- 02.90	110206	24 5.4
24.342 10.0	(F 90)[D2865LF09]	05.94- 05.95	110895	28 55	05.94- 05.95	110206	24 5.4
		05.94- 05.95	112159	28 80	05.94- 05.95	110210	24 6.6
		05.94- 05.95	113920	28 35	05.94- 05.95	112120	24 6.6
					05.94- 05.95	111046	24 6.6
				05.94- 05.95	113855	24 5.4	
24.343 10.0	(F 2000)[D2865LF21]	01.94-	110895	28 55	01.94-	111046	24 6.6
		01.94-	112159	28 80	01.94-	113855	24 5.4
		01.94- 01.00	113920	28 35	01.94-	110206	24 5.4
24.350 10.5	(TGA)[D2066LF03]	05.04-	114528*	28 120			
		05.04- 09.06	115486	28 80 A49			
		05.04- 09.06	115492	28 110 A49			
		05.04- 09.06	115496	28 120 A49			
	[D2066LF13]	02.04-	114528*	28 120			
		02.04- 09.06	115486	28 80 A49			
		02.04- 09.06	115492	28 110 A49			
		02.04-	115496	28 120 A49			
	[D2066LF33]	02.04-	114528*	28 120			
		02.04-	115486	28 80 A49			
		02.04-	115492	28 110 A49			
		02.04-	115496	28 120 A49			
	[D2066LF38]	02.04-	114528*	28 120			
02.04- 09.06		115486	28 80 A49				
02.04- 09.06		115492	28 110 A49				
02.04- 09.06		115496	28 120 A49				
24.360 10.5	(TGA)[D2066LF03]	02.04-	114528*	28 120			
		02.04- 09.06	115486	28 80 A49			
		02.04- 09.06	115492	28 110 A49			
		02.04- 09.06	115496	28 120 A49			
	[D2066LF13]	02.04-	114528*	28 120			
		02.04-	115486	28 80 A49			
		02.04-	115492	28 110 A49			
		02.04-	115496	28 120 A49			
	[D2066LF33]	02.04-	114528*	28 120			
		02.04- 07.06	115486	28 80 A49			
		02.04- 07.06	115492	28 110 A49			
		02.04-	115496	28 120 A49			
	[D2066LF38]	05.04-	114528*	28 120			
05.04- 09.06		115486	28 80 A49				
05.04- 09.06		115492	28 110 A49				
05.04- 09.06		115496	28 120 A49				
(TGS)[D2066LF27]	10.07-	115486	28 80 A49				
	10.07-	115492	28 110 A49				
[D2066LF38]	10.07-	115486	28 80 A49				
	10.07-	115492	28 110 A49				
(TGX)[D2066LF27]	10.07-	115486	28 80 A49				
	10.07-	115492	28 110 A49				
[D2066LF38]	10.07-	115486	28 80 A49				
	10.07-	115492	28 110 A49				
[D2066LF42]	10.07-	115486	28 80 A49				
	10.07-	115492	28 110 A49				
[D2066LF52]	10.07-	115486	28 80 A49				
	10.07-	115492	28 110 A49				





	[D2066LF67]	10.07- 10.07-	115486 115492	28 80 28 110	A49 A49			
24.360 12.0	(TGA)[D2866LF27]	11.02- 11.02- 11.02- 05.04	113289 113295 114008	28 90 28 55 28 80		11.02-	110206	24 5.4
24.362 12.0	(F 90)[D2866KF]	10.86- 02.90 10.86- 02.90 10.86- 02.90	110761 110895 112159	28 35 28 55 28 80		10.86- 02.90 10.86- 02.90 10.86- 02.90	111046 110206 113855	24 6.6 24 5.4 24 5.4
	[D2866LXF]	10.86- 02.90 10.86- 02.90 10.86- 02.90	110761 110895 112159	28 35 28 55 28 80		10.86- 02.90 10.86- 02.90 10.86- 02.90	113855 110206 111046	24 5.4 24 5.4 24 6.6
24.362 12.0 Unterflur	(F 90)[D2866KUL]	10.86- 02.90 Eng. 4912001- 10.86- 02.90 Eng. -4912000 10.86- 02.90	110895 112779# 110761	28 55 28 35 28 35		10.86- 02.90	110206	24 5.4
24.364 12.0	(F 2000)	05.01-	110895	28 55				
24.372 12.0	(F 90)[D2866LF03]	02.90- 10.92 02.90- 10.92 02.90- 10.92	110761 110895 112159	28 35 28 55 28 80		02.90- 05.95 02.90- 05.95 02.90- 05.95	113855 110206 111046	24 5.4 24 5.4 24 6.6
	[D2866LF15]	02.90- 05.95 02.90- 05.95 02.90- 05.95	110761 110895 112159	28 35 28 55 28 80		02.90- 05.95 02.90- 12.94 02.90- 05.95	113855 110206 111046	24 5.4 24 5.4 24 6.6
	[D2866LXF/Silent]	05.90- 12.90 05.90- 12.90 05.90- 12.90	110761 110895 112159	28 35 28 55 28 80		05.90- 12.90 05.90- 12.90 05.90- 12.90	113855 110206 111046	24 5.4 24 5.4 24 6.6
24.372 12.0 Unterflur	(F 90)[D2866LF03]	02.90- 12.90 02.90- 12.90 02.90- 12.90	110761 110895 112159	28 35 28 55 28 80		02.90- 12.90 02.90- 12.90 02.90- 12.90	111046 110206 113855	24 6.6 24 5.4 24 5.4
	[D2866LF15]	02.90- 05.95 02.90- 05.95 02.90- 05.95	110761 110895 112159	28 35 28 55 28 80		02.90- 05.95 02.90- 10.94 02.90- 05.95	111046 110206 113855	24 6.6 24 5.4 24 5.4
24.373 12.0	(F 2000)[D2866LF21]	01.94- 12.95 01.94- 12.95 01.94- 12.95	110895 112159 113920	28 55 28 80 28 35		01.94- 12.95 01.94- 12.95 01.94- 12.95	111046 113855 110206	24 6.6 24 5.4 24 5.4
24.390 10.5	(TGA)[D2066LF02]	05.04- 05.04- 09.06 05.04- 09.06 05.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49				
	[D2066LF12]	05.04- 05.04- 09.06 05.04- 09.06 05.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49				
	[D2066LF32]	05.04- 05.04- 05.04- 05.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49				
24.400 10.5	(TGA)[D2066LF02]	05.04- 05.04- 05.04- 05.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49				
	[D2066LF12]	05.04- 05.04- 05.04- 05.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49				
	[D2066LF37]	05.04- 05.04- 07.06 05.04- 07.06 05.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49				
	(TGS)[D2066LF26]	10.07- 10.07-	115486 115492	28 80 A49 28 110 A49				
	[D2066LF37]	10.07- 10.07- 10.07- 10.07-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49				
	(TGX)[D2066LF26]	10.07- 10.07-	115486 115492	28 80 A49 28 110 A49				
	[D2066LF37]	10.07- 10.07- 10.07- 10.07-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49				
	[D2066LF41]	10.07- 10.07-	115486 115492	28 80 A49 28 110 A49				
	[D2066LF51]	10.07- 10.07-	115486 115492	28 80 A49 28 110 A49				
	[D2066LF61]	10.07- 10.07-	115486 115492	28 80 A49 28 110 A49				
24.402 12.0	(F 90)[D2866LF16]	05.94- 05.95 05.94- 05.95 05.94- 05.95	110761 110895 112159	28 35 28 55 28 80		05.94- 05.95 05.94- 12.94 05.94- 05.95	113855 110206 111046	24 5.4 24 5.4 24 6.6
24.403 12.0	(F 2000)[D2866LF20]	01.94- 01.94- 01.94- 01.94- 01.94- 09.01	110895 112159 113289 113295 113920	28 55 28 80 28 90 28 55 28 35		01.94- 01.94- 01.94- 01.94-	111046 110206 113855	24 6.6 24 5.4 24 5.4
24.410 12.0	(TGA)[D2866LF28]	11.02- 11.02-	113289 113295	28 90 28 55		11.02-	110206	24 5.4
24.414 12.0	(F 2000)	05.01-	110895	28 55				
24.422 12.0	(F 90)[D2866LF06]	02.90- 12.90 02.90- 12.90 02.90- 12.90	110761 110895 112159	28 35 28 55 28 80		02.90- 12.90 02.90- 05.95 02.90- 05.95	110206 111046 113855	24 5.4 24 6.6 24 5.4

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





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Application list

	[D2866LF09]	02.90- 05.95	110761	28 35	02.90- 05.95	113855	24 5.4
		02.90- 05.95	110895	28 55	02.90- 12.94	110206	24 5.4
		02.90- 05.95	112159	28 80	02.90- 05.95	111046	24 6.6
24.422 12.0 Unterflur	(F 90)[D2866LF06]	02.90- 12.90	110761	28 35	02.90- 12.90	113855	24 5.4
		02.90- 12.90	110895	28 55	02.90- 12.90	110206	24 5.4
		02.90- 12.90	112159	28 80	02.90- 12.90	111046	24 6.6
24.423 12.0	(F 2000)[D2866LF22]	01.94- 12.95	110895	28 55	01.94- 12.95	111046	24 6.6
		01.94- 12.95	112159	28 80	01.94- 12.95	110206	24 5.4
		01.94- 12.95	113289	28 90	01.94- 12.95	113855	24 5.4
		01.94- 12.95	113295	28 55			
		01.94- 12.95	113920	28 35			
24.430 10.5	(TGA)[D2066LF01]	05.04-	114528*	28 120			
		05.04- 09.06	115486	28 80 A49			
		05.04- 09.06	115492	28 110 A49			
		05.04-	115496	28 120 A49			
	[D2066LF11]	05.04-	114528*	28 120			
		05.04- 09.06	115486	28 80 A49			
		05.04- 09.06	115492	28 110 A49			
		05.04-	115496	28 120 A49			
	[D2066LF23]	05.04-	114528*	28 120			
		05.04-	115486	28 80 A49			
		05.04-	115492	28 110 A49			
		05.04-	115496	28 120 A49			
	[D2066LF31]	05.04-	114528*	28 120			
		05.04-	115486	28 80 A49			
		05.04-	115492	28 110 A49			
		05.04-	115496	28 120 A49			
24.440 10.5	(HOCL-N)[D2066LOH10]		114528*	28 120			
			115496	28 120 A49			
	(TGA)[D2066LF01]	05.04-	114528*	28 120			
		05.04-	115486	28 80 A49			
		05.04-	115492	28 110 A49			
		05.04-	115496	28 120 A49			
	[D2066LF11]	05.04-	114528*	28 120			
		05.04-	115486	28 80 A49			
		05.04-	115492	28 110 A49			
		05.04-	115496	28 120 A49			
	[D2066LF25]	05.04-	114528*	28 120			
		05.04-	115486	28 80 A49			
		05.04-	115492	28 110 A49			
		05.04-	115496	28 120 A49			
	[D2066LF31]	05.04-	114528*	28 120			
		05.04-	115486	28 80 A49			
		05.04-	115492	28 110 A49			
		05.04-	115496	28 120 A49			
	[D2066LF36]	05.04-	114528*	28 120			
		05.04-	115486	28 80 A49			
		05.04-	115492	28 110 A49			
		05.04-	115496	28 120 A49			
	(TGS)[D2066LF25]	10.07-	115486	28 80 A49			
		10.07-	115492	28 110 A49			
	[D2066LF36]	10.07-	115486	28 80 A49	10.07-	115440*	24 7.0
		10.07-	115492	28 110 A49			
	(TGX)[D2066LF25]	10.07-	115486	28 80 A49			
		10.07-	115492	28 110 A49			
	[D2066LF36]	10.07-	115486	28 80 A49	10.07-	115440*	24 7.0
		10.07-	115492	28 110 A49			
	[D2066LF40]	10.07-	115486	28 80 A49	10.07-	115440*	24 7.0
		10.07-	115492	28 110 A49			
24.440 12.4	(TGX)[D2676LF22]	10.07-	114528*	28 120			
		10.07-	115496	28 120 A49			
24.460 12.8	(TGA)[D2876LF04]	11.02-	113289	28 90	11.02-	110206	24 5.4
		11.02-	113295	28 55			
24.462 18.3	(F 90)[D2840LF/460]	05.87- 02.90	110761	28 35	05.87- 02.90	111046	24 6.6
		05.87- 02.90	110895	28 55	05.87- 02.90	110210	24 6.6
		05.87- 02.90	112159	28 80	05.87- 02.90	112120	24 6.6
					05.87- 02.90	113855	24 5.4
24.463 12.8	(F 2000)[D2876LF02]	01.94-	110895	28 55	01.94-	111046	24 6.6
		01.94-	112159	28 80	01.94-	110206	24 5.4
		01.94-	113289	28 90	01.94-	113855	24 5.4
		01.94-	113295	28 55			
24.464 12.8	(F 2000)	05.01-	110895	28 55			
24.480 12.4	(TGA)[D2676LF01]	01.06-	115486	28 80 A49			
		01.06-	115492	28 110 A49			
	[D2676LF12]	01.06-	115486	28 80 A49			
		01.06-	115492	28 110 A49			
	(TGS)[D2676LF05]	10.07-	115486	28 80 A49	10.07-	115440*	24 7.0
		10.07-	115492	28 110 A49			
	[D2676LF07]	10.07-	115486	28 80 A49	10.07-	115440*	24 7.0
		10.07-	115492	28 110 A49			
	(TGX)[D2676LF05]	10.07-	115486	28 80 A49	10.07-	115440*	24 7.0
		10.07-	115492	28 110 A49			
	[D2676LF07]	10.07-	115486	28 80 A49	10.07-	115440*	24 7.0
		10.07-	115492	28 110 A49			
	[D2676LF14]	10.07-	115486	28 80 A49	10.07-	115440*	24 7.0
		10.07-	115492	28 110 A49			
	[D2676LF21]	10.07-	115486	28 80 A49			
		10.07-	115492	28 110 A49			



	[D2676LF25]	10.07- 10.07-	115486 115492	28 80 A49 28 110 A49				
24.480 12.8	(TGA)[D2876LF12]	09.02-	113998	28 110	06.03-	110206	24 5.4	
		09.02- 09.06	114008	28 80	09.02-	114031	24 5.4	
24.502 18.3	(F 90)[D2840LF01]	02.90- 12.90	110895	28 55	02.90- 12.90	110210	24 6.6	
		02.90- 12.90	112159	28 80	02.90- 12.90	112120	24 6.6	
		02.90- 12.90	113920	28 35	02.90- 12.90	111046	24 6.6	
					02.90- 12.90	113855	24 5.4	
24.510 12.8	(TGA)[D2876LF05]	11.02- 06.03	113289	28 90	11.02- 06.03	110206	24 5.4	
		11.02- 06.03	113295	28 55				
24.530 12.8	(TGA)[D2876LF13]	09.01-	113998	28 110	09.01-	113855	24 5.4	
		12.02- 09.06	114008	28 80	12.02-	110206	24 5.4	
24.540 12.4	(TGA)[D2676LF11]	01.06-	115486	28 80 A49				
		01.06-	115492	28 110 A49				
	(TGS)[D2676LF13]	10.07-	115486	28 80 A49	10.07-	115440*	24 7.0	
		10.07-	115492	28 110 A49				
	(TGX)[D2676LF06]	10.07-	115486	28 80 A49	10.07-	115440*	24 7.0	
		10.07-	115492	28 110 A49				
		02.09-	114528*	28 120				
		02.09-	115496	28 120 A49				
	[D2676LF13]	10.07-	115486	28 80 A49	10.07-	115440*	24 7.0	
		10.07-	115492	28 110 A49				
25.224 6.9	(M 2000 M)[D0826LF15]	08.95-	110895	28 55	08.95- 12.05	113759	24 4.0	
		08.95-	112159	28 80	08.95-	113468	24 4.0	
		08.95-	113289	28 90	08.95-	111640	24 4.0	
		08.95-	113295	28 55				
		08.95- 03.97	113920	28 35				
	[D0826LF18]	08.95-	110895	28 55	08.95- 01.00	113468	24 4.0	
		08.95-	112159	28 80	08.95- 09.99	111640	24 4.0	
		08.95-	113289	28 90	02.00-	112446	24 4.0	
		08.95-	113295	28 55	08.95- 12.05	113759	24 4.0	
		08.95- 03.97	113920	28 35				
25.264 6.9	(M 2000 M)[D0826LF17]	08.95-	110895	28 55	08.95- 12.05	113759	24 4.0	
		08.95-	112159	28 80	08.95-	113468	24 4.0	
		08.95-	113289	28 90	08.95-	111640	24 4.0	
		08.95-	113295	28 55				
		08.95- 09.01	113920	28 35				
25.272 10.0	(F 90)[D2865LF02]	09.90- 10.93	110761	28 35	09.90- 10.93	110210	24 6.6	
		09.90- 10.93	110895	28 55	09.90- 10.93	110206	24 5.4	
		09.90- 10.93	112159	28 80	09.90- 10.93	112120	24 6.6	
					09.90- 10.93	111046	24 6.6	
					09.90- 10.93	113855	24 5.4	
	[D2865LF05]	09.90- 10.93	110761	28 35	09.90- 10.93	110210	24 6.6	
		09.90- 10.93	110895	28 55	09.90- 10.93	110206	24 5.4	
		09.90- 10.93	112159	28 80	09.90- 10.93	112120	24 6.6	
					09.90- 10.93	111046	24 6.6	
					09.90- 10.93	113855	24 5.4	
25.285 6.9	(M 2000 M)[D0836LF03]	02.03-	113289	28 90	02.03-	113468	24 4.0	
		02.03-	113295	28 55	02.03-	113759	24 4.0	
25.302 12.0	(F 90)[D2866LF04]	09.90- 12.91	110761	28 35	09.90- 11.90	110206	24 5.4	
		09.90- 12.91	110895	28 55	09.90- 12.91	111046	24 6.6	
		09.90- 12.91	112159	28 80	09.90- 12.91	113855	24 5.4	
25.322 10.0	(F 90)[D2865LF03]	09.90- 12.92	110761	28 35	09.90- 12.92	110206	24 5.4	
		09.90- 12.92	110895	28 55	09.90- 12.92	110210	24 6.6	
		09.90- 12.92	112159	28 80	09.90- 12.92	112120	24 6.6	
					09.90- 12.92	111046	24 6.6	
					09.90- 12.92	113855	24 5.4	
	[D2865LF06]	09.90- 12.92	110761	28 35	09.90- 12.92	110210	24 6.6	
		09.90- 12.92	110895	28 55	09.90- 12.92	110206	24 5.4	
		09.90- 12.92	112159	28 80	09.90- 12.92	112120	24 6.6	
					09.90- 12.92	111046	24 6.6	
					09.90- 12.92	113855	24 5.4	
25.322 10.0 Unterflur	(F 90)[D2865LF03]	09.90- 12.92	110761	28 35	09.90- 12.92	110210	24 6.6	
		09.90- 12.92	110895	28 55	09.90- 11.91	110206	24 5.4	
		09.90- 12.92	112159	28 80	09.90- 12.92	112120	24 6.6	
					09.90- 12.92	111046	24 6.6	
					09.90- 12.92	113855	24 5.4	
	[D2865LF06]	09.90- 12.92	110761	28 35	09.90- 12.92	110210	24 6.6	
		09.90- 12.92	110895	28 55	09.90- 12.92	110206	24 5.4	
		09.90- 12.92	112159	28 80	09.90- 12.92	112120	24 6.6	
					09.90- 12.92	111046	24 6.6	
					09.90- 12.92	113855	24 5.4	
25.372 12.0	(F 90)[D2866LF03]	09.90- 10.93	110761	28 35	09.90- 10.93	111046	24 6.6	
		09.90- 10.93	110895	28 55	09.90- 12.92	110206	24 5.4	
		09.90- 10.93	112159	28 80	09.90- 10.93	112120	24 6.6	
					09.90- 12.92	113855	24 5.4	
	[D2866LF05]	09.90- 10.93	110761	28 35	09.90- 10.93	112120	24 6.6	
		09.90- 10.93	110895	28 55	09.90- 12.92	110206	24 5.4	
		09.90- 10.93	112159	28 80	09.90- 10.93	111046	24 6.6	
					09.90- 10.93	113855	24 5.4	
	[D2866LXF/Silent]	09.90- 10.93	110761	28 35	09.90- 10.93	110206	24 5.4	
		09.90- 10.93	110895	28 55	09.90- 10.93	110210	24 6.6	
		09.90- 10.93	112159	28 80	09.90- 10.93	112120	24 6.6	
					09.90- 10.93	111046	24 6.6	
					09.90- 10.93	113855	24 5.4	
25.372 12.0 Unterflur	(F 90)[D2866LF03]	09.90- 12.92	110761	28 35	09.90- 12.92	110206	24 5.4	
		09.90- 12.92	110895	28 55	09.90- 12.92	112120	24 6.6	
		09.90- 12.92	112159	28 80	09.90- 12.92	111046	24 6.6	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



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	[D2866LF05]	09.90- 12.92	110761	28 35	09.90- 12.92	111046	24 6.6
		09.90- 12.92	110895	28 55	09.90- 12.92	110206	24 5.4
		09.90- 12.92	112159	28 80	09.90- 12.92	112120	24 6.6
					09.90- 12.92	113855	24 5.4
25.422 12.0	(F 90)[D2866LF06]	09.90- 12.92	110761	28 35	09.90- 12.92	113855	24 5.4
		09.90- 12.92	110895	28 55	09.90- 11.90	110206	24 5.4
		09.90- 12.92	112159	28 80	09.90- 12.92	111046	24 6.6
	[D2866LF09]	09.90- 12.92	110761	28 35	09.90- 12.92	113855	24 5.4
		09.90- 12.92	110895	28 55	09.90- 12.92	110206	24 5.4
		09.90- 12.92	112159	28 80	09.90- 12.92	111046	24 6.6
25.422 12.0 Unterflur	(F 90)[D2866LF06]	09.90- 12.92	110761	28 35	09.90- 12.92	111046	24 6.6
		09.90- 12.92	110895	28 55	09.90- 11.90	110206	24 5.4
		09.90- 12.92	112159	28 80	09.90- 12.92	113855	24 5.4
	[D2866LF09]	09.90- 12.92	110761	28 35	09.90- 12.92	110206	24 5.4
		09.90- 12.92	110895	28 55	09.90- 12.92	111046	24 6.6
		09.90- 12.92	112159	28 80	09.90- 12.92	113855	24 5.4
25.502 18.3	(F 90)[D2840LF01]	09.90- 12.92	110895	28 55	09.90- 12.92	110210	24 6.6
		09.90- 12.92	112159	28 80	09.90- 12.92	112120	24 6.6
		09.90- 12.92	113920	28 35	09.90- 12.92	111046	24 6.6
					09.90- 12.92	113855	24 5.4
	[D2840LF04]	09.90- 12.92	110761	28 35	09.90- 12.92	113855	24 5.4
		09.90- 12.92	110895	28 55	09.90- 12.92	110210	24 6.6
		09.90- 12.92	112159	28 80	09.90- 12.92	112120	24 6.6
		09.90- 12.92	113920	28 35	09.90- 12.92	111046	24 6.6
26.233 12.0	(F 2000)[E2866DF01]	09.96- 08.02	110895	28 55	09.96- 08.02	110206	24 5.4
		09.96- 08.02	112159	28 80			
26.233 12.0	(F 2000)	03.00-	110895	28 55	03.00-	110206	24 5.4
26.242 12.0	(F 90)[D2866F/240]	01.88- 07.89	110761	28 35	01.88- 07.89	111046	24 6.6
		01.88- 07.89	110895	28 55	01.88- 03.89	110206	24 5.4
					01.88- 07.89	113855	24 5.4
26.262 10.0	(F 90)[D2865LF/260]	01.88- 02.90	110761	28 35	01.88- 02.90	110206	24 5.4
		01.88- 02.90	110895	28 55	01.88- 02.90	110210	24 6.6
		01.88- 02.90	112159	28 80	01.88- 02.90	112120	24 6.6
					01.88- 02.90	111046	24 6.6
					01.88- 02.90	113855	24 5.4
26.272 10.0	(F 90)[D2865LF02]	02.90- 08.93	110761	28 35	02.90- 06.96	110210	24 6.6
		02.90- 06.96	110895	28 55	02.90- 12.92	110206	24 5.4
		02.90- 06.96	112159	28 80	02.90- 06.96	111046	24 6.6
		09.93- 06.96	113920	28 35	02.90- 12.95	113855	24 5.4
					02.90- 06.96	112120	24 6.6
	[D2865LF05]	02.90- 10.93	110761	28 35	02.90- 06.96	110210	24 6.6
		02.90- 06.96	110895	28 55	02.90- 12.92	110206	24 5.4
		02.90- 06.96	112159	28 80	02.90- 06.96	112120	24 6.6
		09.93- 06.96	113920	28 35	02.90- 06.96	111046	24 6.6
					02.90- 12.95	113855	24 5.4
26.273 10.0	(F 2000)[D2865LF22]	01.94- 12.95	110895	28 55	01.94- 12.95	111046	24 6.6
		01.94- 12.95	112159	28 80	01.94- 12.95	110206	24 5.4
		01.94- 12.95	113920	28 35	01.94- 12.95	113855	24 5.4
26.280 6.9	(TGA)[D0836LF41]	11.02-	115486	28 80 A49	11.02-	114001	24 4.0
		11.02-	115492	28 110 A49			
	(TGM)[D0836LFL51]	04.06-	115486	28 80 A49	04.06-	114001	24 4.0
		04.06-	115492	28 110 A49			
	[D0836LFL54]	10.05-	113998	28 110			
		10.05-	115492	28 110 A49			
26.290 6.9	(TGM)[D0836LFL64]	10.05-	114007*	28 80			
		10.05-	115486	28 80 A49			
26.292 12.0	(F 90)[D2866LF/290]	09.87- 02.90	110761	28 35	09.87- 02.90	113855	24 5.4
		09.87- 02.90	110895	28 55	09.87- 02.90	110206	24 5.4
		09.87- 02.90	112159	28 80	09.87- 02.90	111046	24 6.6
26.293 10.0	(F 2000)[D2865LF20]	01.94-	110895	28 55	01.94-	110210	24 6.6
		01.94-	112159	28 80	01.94-	112120	24 6.6
		01.94- 09.01	113920	28 35	01.94-	111046	24 6.6
					01.94-	110206	24 5.4
					01.94-	113855	24 5.4
	[D2865LF24]	04.95-	110895	28 55	01.94-	112120	24 6.6
		04.95-	112159	28 80	01.94-	111046	24 6.6
		04.95- 09.01	113920	28 35	01.94-	110206	24 5.4
					01.94-	113855	24 5.4
26.302 12.0	(F 90)[D2866LF04]	05.90- 12.91	110761	28 35	05.90- 12.91	113855	24 5.4
		05.90- 12.91	110895	28 55	05.90- 12.91	110206	24 5.4
		05.90- 12.91	112159	28 80	05.90- 12.91	111046	24 6.6
26.310 10.5	(TGA)[D2066LF04]	01.04-	114528*	28 120			
		01.04- 09.06	115496	28 120 A49			
		02.04- 09.06	115486	28 80 A49			
		02.04- 09.06	115492	28 110 A49			
	[D2066LF14]	02.04-	114528*	28 120			
		02.04-	115486	28 80 A49			
		02.04-	115492	28 110 A49			
		02.04-	115496	28 120 A49			
	[D2066LF35]	02.04-	114528*	28 120			
		02.04-	115486	28 80 A49			
		02.04-	115492	28 110 A49			
		02.04-	115496	28 120 A49			
	[D2066LF39]	02.04-	115486	28 80 A49			
		02.04-	115492	28 110 A49			
		02.04-	115496	28 120 A49			
		06.05-	114528*	28 120			



26.310 12.0	(TGA)[D2866LF26]	09.02- 05.04	114008	28 80	02.00-	110206	24 5.4	
		03.99-	113289	28 90	09.00-	111046	24 6.6	
		03.99-	113295	28 55				
	[D2866LF36]	03.99-	113289	28 90	02.00-	110206	24 5.4	
		03.99-	113295	28 55	09.00-	111046	24 6.6	
26.314 12.0	(F 2000)[D2866LF23]				05.01-	110206	24 5.4	
26.320 10.5	(TGA)[D2066LF04]	05.04-	114528*	28 120				
		05.04-	115486	28 80 A49				
		05.04-	115492	28 110 A49				
	[D2066LF14]	02.04-	114528*	28 120				
		02.04-	115486	28 80 A49				
		02.04-	115492	28 110 A49				
	[D2066LF28]	02.04-	115496	28 120 A49				
		05.04-	114528*	28 120				
		05.04-	115486	28 80 A49				
		05.04-	115492	28 110 A49				
	[D2066LF35]	05.04-	115496	28 120 A49				
		02.04-	114528*	28 120				
		02.04-	115486	28 80 A49				
		02.04-	115492	28 110 A49				
	[D2066LF39]	02.04-	115496	28 120 A49				
		02.04-	114528*	28 120				
		02.04-	115486	28 80 A49				
		02.04-	115492	28 110 A49				
		02.04-	115496	28 120 A49				
	(TGS)[D2066LF28]	07.08-	114007*	28 80				
		07.08-	115486	28 80 A49				
	[D2066LF39]	10.07-	113998	28 110				
		10.07-	115492	28 110 A49				
		07.08-	114007*	28 80				
		07.08-	115486	28 80 A49				
	[D2066LF43]	07.08-	113998	28 110				
		07.08-	114007*	28 80				
		07.08-	115486	28 80 A49				
		07.08-	115492	28 110 A49				
	(TGX)[D2066LF28]	10.07-	115486	28 80 A49				
		10.07-	115492	28 110 A49				
	[D2066LF43]	10.07-	115486	28 80 A49				
		10.07-	115492	28 110 A49				
26.322 10.0	(F 90)[D2865LF03]	02.90- 08.93	110761	28 35	02.90- 06.96	111046	24 6.6	
		02.90- 06.96	112159	28 80	02.90- 06.96	112120	24 6.6	
		09.90- 06.96	110895	28 55	02.90- 06.96	110210	24 6.6	
		09.93- 06.96	113920	28 35	02.90- 09.96	110206	24 5.4	
					02.90- 12.95	113855	24 5.4	
	[D2865LF06]	02.90- 10.93	110761	28 35	02.90- 06.96	111046	24 6.6	
		02.90- 06.96	110895	28 55	02.90- 06.96	110210	24 6.6	
		02.90- 06.96	112159	28 80	02.90- 06.96	112120	24 6.6	
		09.93- 06.96	113920	28 35	02.90- 06.96	110206	24 5.4	
					02.90- 05.95	113855	24 5.4	
26.322 10.0 Unterflur	(F 90)[D2865LF03]	09.90- 10.92	110761	28 35	09.90- 05.94	110210	24 6.6	
		09.90- 05.94	110895	28 55	09.90- 05.94	110206	24 5.4	
		09.90- 05.94	112159	28 80	09.90- 05.94	112120	24 6.6	
					09.90- 05.94	111046	24 6.6	
					09.90- 05.94	113855	24 5.4	
	[D2865LF06]	09.90- 01.93	110761	28 35	09.90- 05.94	112120	24 6.6	
		09.90- 05.94	110895	28 55	09.90- 05.94	110206	24 5.4	
		09.90- 05.94	112159	28 80	09.90- 05.94	110210	24 6.6	
		01.93- 05.94	113920	28 35	09.90- 05.94	111046	24 6.6	
					09.90- 05.94	113855	24 5.4	
26.323 10.0	(F 2000)[D2865LF23]	01.94- 12.95	110895	28 55	01.94- 12.95	111046	24 6.6	
		01.94- 12.95	112159	28 80	01.94- 12.95	110206	24 5.4	
		01.94- 12.95	113920	28 35	01.94- 12.95	113855	24 5.4	
26.330 6.9	(TGA)[D0836LF44]	03.03- 02.05	115486	28 80 A49	11.02-	114001	24 4.0	
		03.03- 02.05	115492	28 110 A49				
		(TGM)[D0836LFL52]	04.06-	115486	28 80 A49	04.06-	114001	24 4.0
			04.06-	115492	28 110 A49			
		[D0836LFL55]	10.05-	113998	28 110			
		10.05-	114007*	28 80				
		10.05-	115486	28 80 A49				
		10.05-	115492	28 110 A49				
26.332 12.0	(F 90)[D2866LF/330]	09.87- 02.90	110761	28 35	09.87- 02.90	113855	24 5.4	
		09.87- 02.90	110895	28 55	09.87- 02.90	110206	24 5.4	
		09.87- 02.90	112159	28 80	09.87- 02.90	111046	24 6.6	
26.340 6.9	(TGM)[D0836LFL65]	10.05-	113998	28 110				
		10.05-	114007*	28 80				
		10.05-	115486	28 80 A49				
		10.05-	115492	28 110 A49				
26.342 10.0	(F 90)[D2865LF09]	05.94- 06.96	110895	28 55	04.94- 06.96	110210	24 6.6	
		05.94- 06.96	112159	28 80	04.94- 06.96	111046	24 6.6	
		05.94- 06.96	113920	28 35				
26.343 10.0	(F 2000)[D2865LF21]	01.94-	110895	28 55	01.94-	110206	24 5.4	
		01.94-	112159	28 80	01.94-	111046	24 6.6	
		01.94- 09.01	113920	28 35	01.94-	113855	24 5.4	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



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26.350 10.5	(TGA)[D2066LF03]	01.04-	114528*	28 120			
		01.04- 09.06	115496	28 120 A49			
		02.04- 09.06	115486	28 80 A49			
		02.04- 09.06	115492	28 110 A49			
	[D2066LF13]	01.04-	114528*	28 120			
		01.04- 09.06	115496	28 120 A49			
		02.04- 09.06	115486	28 80 A49			
		02.04- 09.06	115492	28 110 A49			
	[D2066LF33]	05.04-	114528*	28 120			
		05.04-	115486	28 80 A49			
		05.04-	115492	28 110 A49			
		05.04-	115496	28 120 A49			
	[D2066LF38]	02.04-	114528*	28 120			
		02.04-	115486	28 80 A49			
		02.04-	115492	28 110 A49			
02.04-		115496	28 120 A49				
26.360 10.5	(TGA)[D2066LF03]	02.04-	114528*	28 120			
		02.04- 09.06	115486	28 80 A49			
		02.04- 09.06	115492	28 110 A49			
		02.04- 09.06	115496	28 120 A49			
	[D2066LF07]	05.04-	114007*	28 80			
		05.04-	115486	28 80 A49			
	[D2066LF13]	02.04-	114528*	28 120			
		02.04-	115486	28 80 A49			
		02.04-	115492	28 110 A49			
		02.04-	115496	28 120 A49			
	[D2066LF27]	05.04-	114528*	28 120			
		05.04- 09.06	115486	28 80 A49			
		05.04- 09.06	115492	28 110 A49			
		05.04- 09.06	115496	28 120 A49			
	[D2066LF33]	02.04-	114528*	28 120			
02.04- 07.06		115486	28 80 A49				
02.04- 07.06		115492	28 110 A49				
02.04-		115496	28 120 A49				
[D2066LF38]	05.04-	113998	28 110				
	05.04-	114007*	28 80				
	05.04-	114528*	28 120				
	05.04- 09.06	115486	28 80 A49				
	05.04- 09.06	115492	28 110 A49				
	05.04-	115496	28 120 A49				
(TGS)[D2066LF27]	08.08-	113998	28 110				
	08.08-	115492	28 110 A49				
[D2066LF38]	10.07-	113998	28 110				
	10.07-	115492	28 110 A49				
	05.08-	114007*	28 80				
	05.08-	115486	28 80 A49				
[D2066LF42]	04.08-	113998	28 110				
	04.08-	115492	28 110 A49				
	07.08-	114007*	28 80				
	07.08-	115486	28 80 A49				
(TGX)[D2066LF27]	10.07-	115486	28 80 A49				
	10.07-	115492	28 110 A49				
[D2066LF38]	10.07-	113998	28 110				
	10.07-	114007*	28 80				
	10.07-	115486	28 80 A49				
	10.07-	115492	28 110 A49				
[D2066LF42]	10.07-	115486	28 80 A49				
	10.07-	115492	28 110 A49				
	07.08-	113998	28 110				
	07.08-	114007*	28 80				
[D2066LF52]	10.07-	115486	28 80 A49				
	10.07-	115492	28 110 A49				
[D2066LF67]	10.07-	115486	28 80 A49				
	10.07-	115492	28 110 A49				
26.360 12.0	(TGA)[D2866LF27]	03.99-	113289	28 90	02.00-	110206	24 5.4
		03.99-	113295	28 55	12.00-	111046	24 6.6
					12.00-	113855	24 5.4
[D2866LF37]	03.99-	113289	28 90	02.00-	110206	24 5.4	
	03.99-	113295	28 55				
26.362 12.0	(F 90)[D2866KF]	09.87- 02.90	110761	28 35	09.87- 02.90	110206	24 5.4
		09.87- 02.90	110895	28 55	09.87- 02.90	111046	24 6.6
		09.87- 02.90	112159	28 80	09.87- 02.90	113855	24 5.4
	[D2866LXF]	09.87- 02.90	110761	28 35	09.87- 02.90	113855	24 5.4
		09.87- 02.90	110895	28 55	09.87- 02.90	110206	24 5.4
		09.87- 02.90	112159	28 80	09.87- 02.90	111046	24 6.6
26.364 12.0	(F 2000)[D2866LF24]			05.01-	110206	24 5.4	
26.372 12.0	(F 90)[D2866LF03]	02.90- 05.94	110761	28 35	02.90- 12.95	111046	24 6.6
		02.90- 12.95	110895	28 55	01.90- 06.96	110206	24 5.4
		02.90- 06.96	112159	28 80	02.90- 12.95	113855	24 5.4
		09.93- 06.96	113920	28 35			
	[D2866LF05]	02.90- 12.95	110761	28 35	02.90- 12.95	111046	24 6.6
		02.90- 12.95	110895	28 55	02.90- 06.96	110206	24 5.4
		02.90- 06.96	112159	28 80	02.90- 12.95	113855	24 5.4
		09.93- 06.96	113920	28 35			
	[D2866LF15]	02.90- 12.95	110761	28 35	09.90- 12.95	111046	24 6.6
		02.90- 12.95	110895	28 55	09.90- 06.96	110206	24 5.4
		02.90- 06.96	112159	28 80	09.90- 12.95	113855	24 5.4
09.93- 06.96		113920	28 35				



26.372 12.0 Unterflur	(F 90)[D2866LF03]	09.90- 10.92	110761	28 35	09.90- 05.94	113855	24 5.4	
		09.90- 05.94	110895	28 55	09.90- 05.94	110206	24 5.4	
		09.90- 05.94	112159	28 80	09.90- 05.94	111046	24 6.6	
	[D2866LF05]	09.90- 05.94	110761	28 35	09.90- 05.94	113855	24 5.4	
		09.90- 05.94	110895	28 55	09.90- 11.92	110206	24 5.4	
		09.90- 05.94	112159	28 80	09.90- 05.94	111046	24 6.6	
26.373 12.0	(F 2000)[D2866LF21]	01.94- 12.95	110895	28 55	01.94- 12.95	110206	24 5.4	
		01.94- 12.95	112159	28 80	01.94- 12.95	111046	24 6.6	
		01.94- 12.95	113920	28 35	01.94- 12.95	113855	24 5.4	
26.390 10.5	(TGA)[D2066LF02]	01.04-	114528*	28 120				
		01.04-	115496	28 120 A49				
		02.04- 09.06	115486	28 80 A49				
		02.04- 09.06	115492	28 110 A49				
	[D2066LF12]	01.04-	114528*	28 120				
		01.04-	115496	28 120 A49				
		02.04- 09.06	115486	28 80 A49				
		02.04- 09.06	115492	28 110 A49				
	[D2066LF24]	05.04-	114528*	28 120				
		05.04-	115486	28 80 A49				
		05.04-	115492	28 110 A49				
		05.04-	115496	28 120 A49				
	[D2066LF32]	05.04-	114528*	28 120				
		05.04-	115486	28 80 A49				
		05.04-	115492	28 110 A49				
		05.04-	115496	28 120 A49				
	[D2066LF37]	02.04-	114528*	28 120				
		02.04-	115486	28 80 A49				
		02.04-	115492	28 110 A49				
		02.04-	115496	28 120 A49				
	26.400 10.5	(TGA)[D2066LF02]	02.04-	114528*	28 120			
			02.04-	115486	28 80 A49			
			02.04-	115492	28 110 A49			
			02.04-	115496	28 120 A49			
[D2066LF06]		05.04-	114528*	28 120				
		05.04-	115486	28 80 A49				
		05.04-	115492	28 110 A49				
		05.04-	115496	28 120 A49				
[D2066LF12]		02.04-	114528*	28 120				
		02.04-	115486	28 80 A49				
		02.04-	115492	28 110 A49				
		02.04-	115496	28 120 A49				
[D2066LF26]		05.04-	114528*	28 120				
		05.04-	115486	28 80 A49				
		05.04-	115492	28 110 A49				
		05.04-	115496	28 120 A49				
[D2066LF32]		02.04-	114528*	28 120				
		02.04-	115486	28 80 A49				
		02.04-	115492	28 110 A49				
		02.04-	115496	28 120 A49				
[D2066LF37]		01.04-	113998	28 110				
		01.04-	114007*	28 80				
		01.04-	115486	28 80 A49				
		01.04-	115492	28 110 A49				
	05.04-	114528*	28 120					
(TGS)[D2066LF26]	02.09-	113998	28 110					
	02.09-	115492	28 110 A49					
[D2066LF37]	10.07-	113998	28 110					
	10.07-	115492	28 110 A49					
	02.09-	114007*	28 80					
	02.09-	115486	28 80 A49					
[D2066LF41]	07.08-	113998	28 110					
	07.08-	115492	28 110 A49					
	02.09-	114007*	28 80					
	02.09-	115486	28 80 A49					
(TGX)[D2066LF26]	10.07-	115486	28 80 A49					
	10.07-	115492	28 110 A49					
[D2066LF37]	10.07-	114007*	28 80					
	10.07-	114528*	28 120					
	10.07-	115486	28 80 A49					
	10.07-	115492	28 110 A49					
	10.07-	115496	28 120 A49					
	10.07-	114528*	28 120					
	10.07-	115486	28 80 A49					
	10.07-	115492	28 110 A49					
[D2066LF41]	10.07-	114528*	28 120					
	10.07-	115486	28 80 A49					
	10.07-	115492	28 110 A49					
	10.07-	115496	28 120 A49					
[D2066LF61]	07.08-	114007*	28 80					
	07.08-	115486	28 80 A49					
26.402 12.0	(F 90)[D2866LF16]	05.94- 12.95	110761	28 35	05.94- 12.95	113855	24 5.4	
		05.94- 12.95	110895	28 55	05.94- 06.96	110206	24 5.4	
		05.94- 06.96	112159	28 80	05.94- 12.95	111046	24 6.6	
		05.94- 06.96	113920	28 35				
26.403 12.0	(F 2000)[D2866LF20]	01.94-	110895	28 55	01.94-	110206	24 5.4	
		01.94-	112159	28 80	01.94-	113855	24 5.4	
		01.94-	113289	28 90	01.94-	111046	24 6.6	
		01.94-	113295	28 55				
		01.94- 09.01	113920	28 35				
26.410 12.0	(TGA)[D2866LF28]	03.99-	113289	28 90	02.00-	110206	24 5.4	
		03.99-	113295	28 55				

## STARTERS & ALTERNATORS

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	[D2866LF32]	03.99- 03.99-	113289 113295	28 90 28 55	02.00-	110206	24 5.4
26.422 12.0	(F 90)[D2866LF06]	02.90- 08.93 02.90- 12.95 02.90- 12.95 09.93- 06.96	110761 110895 112159 113920	28 35 28 55 28 80 28 35	02.90- 12.92 02.90- 12.95 08.89- 12.95	110206 111046 113855	24 5.4 24 6.6 24 5.4
	[D2866LF09]	02.90- 12.95 02.90- 12.95 02.90- 06.96 09.93- 06.96	110761 110895 112159 113920	28 35 28 55 28 80 28 35	02.90- 12.95 02.90- 06.96 08.89- 12.95	111046 110206 113855	24 6.6 24 5.4 24 5.4
26.422 12.0 Unterflur	(F 90)[D2866LF06]	09.90- 05.94 09.90- 05.94 09.90- 05.94	110761 110895 112159	28 35 28 55 28 80	09.90- 05.94 09.90- 11.90 09.90- 05.94	113855 110206 111046	24 5.4 24 5.4 24 6.6
	[D2866LF09]	09.90- 05.94 09.90- 05.94 09.90- 05.94	110761 110895 112159	28 35 28 55 28 80	09.90- 05.94 09.90- 11.92 09.90- 05.94	113855 110206 111046	24 5.4 24 5.4 24 6.6
26.423 12.0	(F 2000)[D2866LF22]	01.94- 12.95 01.94- 12.95 01.94- 12.95 01.94- 12.95 01.94- 12.95	110895 112159 113289 113295 113920	28 55 28 80 28 90 28 55 28 35	01.94- 12.95 01.94- 12.95 01.94- 12.95	110206 111046 113855	24 5.4 24 6.6 24 5.4
26.430 10.5	(TGA)[D2066LF01]	12.00- 12.00- 09.06 05.04- 09.06 05.04- 09.06	114528* 115496 115486 115492	28 120 28 120 A49 28 80 A49 28 110 A49			
	[D2066LF11]	12.00- 12.00- 02.04- 09.06 02.04- 09.06	114528* 115496 115486 115492	28 120 28 120 A49 28 80 A49 28 110 A49			
	[D2066LF23]	05.04- 05.04- 05.04- 05.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49			
	[D2066LF25]	05.04- 05.04- 05.04- 05.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49			
	[D2066LF31]	02.04- 02.04- 02.04- 02.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49			
	[D2066LF36]	02.04- 02.04- 09.06 02.04- 09.06 02.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49			
26.440 10.5	(TGA)[D2066LF01]	02.04- 02.04- 02.04- 02.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49			
	[D2066LF11]	02.04- 02.04- 02.04- 02.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49			
	[D2066LF23]	02.04- 02.04- 02.04- 02.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49			
	[D2066LF31]	05.04- 03.09 05.04- 03.09 05.04- 03.09 07.06- 03.09 07.06- 03.09	114528* 115486 115492 115496 113998 114007*	28 120 28 80 A49 28 110 A49 28 120 A49 28 110 28 80	07.06- 03.09	115556	24 5.5
	[D2066LF36]	01.04- 01.04- 01.04- 01.04- 05.04- 05.04-	113998 114007* 115486 115492 114528* 115496	28 110 28 80 28 80 A49 28 110 A49 28 120 28 120 A49			
	(TGS)[D2066LF25]	02.09- 02.09-	113998 115492	28 110 28 110 A49			
	[D2066LF36]	10.07- 10.07- 05.08- 05.08-	113998 115492 114007* 115486	28 110 28 110 A49 28 80 28 80 A49			
	[D2066LF40]	07.08- 07.08- 02.09- 02.09-	114007* 115486 113998 115492	28 80 28 80 A49 28 110 28 110 A49			
	(TGX)[D2066LF25]	10.07- 10.07-	115486 115492	28 80 A49 28 110 A49			
	[D2066LF36]	09.07- 09.07- 10.07- 12.07-	114007* 115486 115492 113998	28 80 28 80 A49 28 110 A49 28 110	10.07-	115440*	24 7.0
	[D2066LF40]	10.07- 10.07- 07.08-	115486 115492 114007*	28 80 A49 28 110 A49 28 80	10.07-	115440*	24 7.0





26.440 12.4	(TGX)[D2676LF22]	07.08-	114528*	28 120					
		07.08-	115496	28 120 A49					
26.460 12.8	(E2000 Evolution)[D2876LF03]	05.00-	113920	28 35					
	(TGA)[D2876LF04]	03.99-	113289	28 90	02.00-	110206	24 5.4		
		03.99-	113295	28 55					
	[D2876LF07]	03.99- 09.01	113289	28 90	02.00- 09.01	110206	24 5.4		
26.462 18.3	(F 90)[D2840LF/460]	02.89- 02.90	110761	28 35	02.89- 02.90	112120	24 6.6		
		02.89- 02.90	110895	28 55	02.89- 02.90	110210	24 6.6		
		02.89- 02.90	112159	28 80	02.89- 02.90	111046	24 6.6		
					02.89- 02.90	113855	24 5.4		
26.463 12.8	(F 2000)[D2876LF02]	01.94-	110895	28 55	01.94-	110206	24 5.4		
		01.94-	112159	28 80	01.94-	111046	24 6.6		
		01.94-	113289	28 90	01.94-	113855	24 5.4		
		01.94-	113295	28 55					
26.464 12.8	(F 2000)[D2876LF03]				05.01-	110206	24 5.4		
26.480 12.4	(TGA)[D2676LF01]	02.06-	113998	28 110	02.06-	113855	24 5.4		
		02.06-	115486	28 80 A49					
		02.06-	115492	28 110 A49					
		[D2676LF02]	02.06-	115486	28 80 A49				
			02.06-	115492	28 110 A49				
		[D2676LF03]	02.06-	115486	28 80 A49				
			02.06-	115492	28 110 A49				
		[D2676LF05]	01.06-	113998	28 110				
			01.06-	115492	28 110 A49				
			02.06-	115486	28 80 A49				
		[D2676LF12]	02.06-	115486	28 80 A49	02.06-	113855	24 5.4	
			02.06-	115492	28 110 A49				
		(TGS)[D2676LF05]	10.07-	114528*	28 120				
			10.07-	115496	28 120 A49				
		[D2676LF07]	02.09-	114528*	28 120				
			02.09-	115496	28 120 A49				
		[D2676LF14]	02.09-	114528*	28 120				
			02.09-	115496	28 120 A49				
		(TGX)[D2676LF05]	09.07-	114528*	28 120	10.07-	115440*	24 7.0	
			09.07-	115496	28 120 A49				
			10.07-	115486	28 80 A49				
			10.07-	115492	28 110 A49				
		[D2676LF07]	10.07-	115486	28 80 A49	10.07-	115440*	24 7.0	
			10.07-	115492	28 110 A49				
	05.08-	115496	28 120 A49						
	07.08-	114528*	28 120						
[D2676LF14]	10.07-	115486	28 80 A49	10.07-	115440*	24 7.0			
	10.07-	115492	28 110 A49						
[D2676LF21]	10.07-	115486	28 80 A49						
	10.07-	115492	28 110 A49						
[D2676LF25]	10.07-	115486	28 80 A49						
	10.07-	115492	28 110 A49						
26.480 12.8	(TGA)[D2876LF12]	09.02-	113998	28 110	09.02-	113855	24 5.4		
		09.02- 09.06	114008	28 80	09.02-	110206	24 5.4		
26.502 18.3	(F 90)[D2840LF01]	02.90- 06.96	110761	28 35	02.90- 06.96	112120	24 6.6		
		02.90- 06.96	110895	28 55	02.90- 06.96	110210	24 6.6		
		02.90- 06.96	112159	28 80	02.90- 06.96	111046	24 6.6		
		02.90- 06.96	113920	28 35	02.90- 12.92	113855	24 5.4		
		[D2840LF04]	02.90- 06.96	110761	28 35	02.90- 12.92	113855	24 5.4	
			02.90- 06.96	110895	28 55	02.90- 06.96	110210	24 6.6	
			02.90- 06.96	112159	28 80	02.90- 06.96	112120	24 6.6	
			02.90- 06.96	113920	28 35	02.90- 06.96	111046	24 6.6	
		[D2840LF06]	02.90- 06.96	110761	28 35	02.90- 06.96	111046	24 6.6	
			02.90- 06.96	110895	28 55	02.90- 06.96	110210	24 6.6	
	02.90- 06.96	112159	28 80	02.90- 06.96	112120	24 6.6			
	02.90- 06.96	113920	28 35						
26.510 12.8	(TGA)[D2876LF05]	03.99- 06.03	113289	28 90	02.00- 06.03	110206	24 5.4		
		03.99- 06.03	113295	28 55	12.00-	111046	24 6.6		
				12.00-	113855	24 5.4			
26.530 12.8	(TGA)[D2876LF13]	01.01-	113998	28 110	01.01-	113855	24 5.4		
		09.02-	114008	28 80	10.02-	110206	24 5.4		
26.540 12.4	(TGA)[D2676LF13]	08.06-	113998	28 110					
		08.06-	115492	28 110 A49					
		(TGS)[D2676LF06]	02.09-	114528*	28 120				
			02.09-	115496	28 120 A49				
		[D2676LF13]	02.09-	114528*	28 120				
			02.09-	115496	28 120 A49				
		(TGX)[D2676LF06]	10.07-	114528*	28 120	10.07-	115440*	24 7.0	
			10.07-	115486	28 80 A49				
			10.07-	115492	28 110 A49				
			10.07-	115496	28 120 A49				
[D2676LF13]	10.07-	114528*	28 120	10.07-	115440*	24 7.0			
	10.07-	115486	28 80 A49						
	10.07-	115492	28 110 A49						
	10.07-	115496	28 120 A49						
26.603 18.3	(F 2000)[D2840LF20]				06.96-	110210	24 6.6		
					06.96-	111046	24 6.6		
					06.96-	112120	24 6.6		
					06.96-	113855	24 5.4		
27.273 10.0	(F 2000)[D2865LF22]	01.94- 12.95	110895	28 55	01.94- 12.95	110206	24 5.4		
		01.94- 12.95	112159	28 80	01.94- 12.95	111046	24 6.6		
		01.94- 12.95	113920	28 35	01.94- 12.95	113855	24 5.4		

## STARTERS & ALTERNATORS

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27.293 10.0	(F 2000)[D2865LF20]	01.94-	110895	28 55	01.94-	110206	24 5.4	
		01.94-	112159	28 80	01.94-	110210	24 6.6	
		01.94- 09.01	113920	28 35	01.94-	112120	24 6.6	
						01.94-	111046	24 6.6
						01.94-	113855	24 5.4
						04.95-	110206	24 5.4
						04.95-	112120	24 6.6
		[D2865LF24]	04.95-	110895	28 55	04.95-	110206	24 5.4
			04.95-	112159	28 80	01.94-	112120	24 6.6
			04.95- 09.01	113920	28 35	01.94-	111046	24 6.6
					01.94-	111046	24 6.6	
					01.94-	113855	24 5.4	
					06.98-	110206	24 5.4	
					05.01-	110206	24 5.4	
27.314 12.0	(F 2000)[D2866LF23]	05.01-	110895	28 55	05.01-	110206	24 5.4	
27.323 10.0	(F 2000)[D2865LF23]	01.94- 12.95	110895	28 55	01.94- 12.95	110206	24 5.4	
		01.94- 12.95	112159	28 80	01.94- 12.95	111046	24 6.6	
		01.94- 12.95	113920	28 35	01.94- 12.95	113855	24 5.4	
					01.94- 12.95	110206	24 5.4	
27.343 10.0	(F 2000)[D2865LF21]	01.94-	110895	28 55	01.94-	110206	24 5.4	
		01.94-	112159	28 80	01.94-	110210	24 6.6	
		01.94- 09.01	113920	28 35	01.94-	112120	24 6.6	
					01.94-	111046	24 6.6	
					01.94-	113855	24 5.4	
27.364 12.0	(F 2000)[D2866LF24]	05.01-	110895	28 55	06.98-	110206	24 5.4	
					05.01-	110206	24 5.4	
					01.94- 12.95	110206	24 5.4	
27.373 12.0	(F 2000)[D2866LF21]	01.94- 12.95	110895	28 55	01.94- 12.95	110206	24 5.4	
		01.94- 12.95	112159	28 80	01.94- 12.95	111046	24 6.6	
		01.94- 12.95	113289	28 90	01.94- 12.95	113855	24 5.4	
		01.94- 12.95	113295	28 55				
		01.94- 12.95	113920	28 35				
27.403 12.0	(F 2000)[D2866LF20]	01.94-	110895	28 55	01.94-	110206	24 5.4	
		01.94-	112159	28 80	01.94-	110210	24 6.6	
		01.94-	113289	28 90	01.94-	112120	24 6.6	
		01.94-	113295	28 55	01.94-	111046	24 6.6	
		01.94- 09.01	113920	28 35	01.94-	113855	24 5.4	
27.414 12.0	(F 2000)[D2866LF25]	05.01-	110895	28 55	06.98-	110206	24 5.4	
					05.01-	110206	24 5.4	
					01.94- 12.95	110206	24 5.4	
27.423 12.0	(F 2000)[D2866LF22]	01.94- 12.95	110895	28 55	01.94- 12.95	110206	24 5.4	
		01.94- 12.95	112159	28 80	01.94- 12.95	111046	24 6.6	
		01.94- 12.95	113289	28 90	01.91- 12.95	113855	24 5.4	
		01.94- 12.95	113295	28 55				
		01.94- 12.95	113920	28 35				
27.463 12.8	(F 2000)[D2876LF02]	01.94-	110895	28 55	01.94-	110206	24 5.4	
		01.94-	112159	28 80	01.94-	112120	24 6.6	
		01.94-	113289	28 90	01.94-	110210	24 6.6	
		01.94-	113295	28 55	01.94-	111046	24 6.6	
		01.94- 09.01	113920	28 35	01.91-	113855	24 5.4	
27.464 12.8	(F 2000)[D2876LF03]	07.00-	110895	28 55				
					05.01-	110206	24 5.4	
27.603 18.3	(F 2000)[D2840LF20]	05.01-	110895	28 55	05.01-	110206	24 5.4	
					01.96-	110210	24 6.6	
					01.96-	111046	24 6.6	
28.310 10.5	(TGA)[D2066LF04]	09.02-	114528*	28 120				
		09.02-	115496	28 120 A49				
		07.06-	115486	28 80 A49				
		07.06-	115492	28 110 A49				
	[D2066LF14]	06.04-	114528*	28 120				
		06.04-	115496	28 120 A49				
		07.06-	115486	28 80 A49				
		07.06-	115492	28 110 A49				
	[D2066LF28]	07.06-	114528*	28 120				
		07.06-	115486	28 80 A49				
07.06-		115492	28 110 A49					
07.06-		115496	28 120 A49					
[D2066LF39]	07.06-	114528*	28 120					
	07.06-	115486	28 80 A49					
	07.06-	115492	28 110 A49					
	07.06-	115496	28 120 A49					
28.310 12.0	(TGA)[D2866LF26]	09.02-	113289	28 90	09.02-	110206	24 5.4	
		09.02-	113295	28 55				
		09.02-	113998	28 110				
		09.02-	114008	28 80				
28.320 10.5	(TGA)[D2066LF04]	07.06-	114528*	28 120				
		07.06-	115486	28 80 A49				
		07.06-	115492	28 110 A49				
		07.06-	115496	28 120 A49				
	[D2066LF14]	07.06-	114528*	28 120				
		07.06-	115486	28 80 A49				
		07.06-	115492	28 110 A49				
		07.06-	115496	28 120 A49				
	[D2066LF28]	06.04-	114007*	28 80				
		06.04-	115486	28 80 A49				
07.06-		114528*	28 120					
07.06-		115492	28 110 A49					
07.06-		115496	28 120 A49					
07.06-		115496	28 120 A49					

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	[D2066LF39]	06.04-	113998	28 110			
		06.04-	114007*	28 80			
		06.04-	115486	28 80 A49			
		06.04-	115492	28 110 A49			
		07.06-	114528*	28 120			
		07.06-	115496	28 120 A49			
	(TGS)[D2066LF39]	07.08-	113998	28 110			
		07.08-	115492	28 110 A49			
	[D2066LF43]	07.08-	113998	28 110			
		07.08-	115492	28 110 A49			
28.350 10.5	(TGA)[D2066LF03]	02.04-	114528*	28 120			
		02.04-	115496	28 120 A49			
		06.04-	115486	28 80 A49			
		06.04-	115492	28 110 A49			
	[D2066LF13]	06.04-	115486	28 80 A49			
		06.04-	115492	28 110 A49			
		07.06-	114528*	28 120			
		07.06-	115496	28 120 A49			
	[D2066LF27]	06.04-	115486	28 80 A49			
		06.04-	115492	28 110 A49			
	[D2066LF38]	06.04-	115486	28 80 A49			
		06.04-	115492	28 110 A49			
28.360 10.5	(TGA)[D2066LF03]	06.04-	115486	28 80 A49			
		06.04-	115492	28 110 A49			
	[D2066LF13]	06.04-	115486	28 80 A49			
		06.04-	115492	28 110 A49			
	[D2066LF27]	06.04-	115486	28 80 A49			
		06.04-	115492	28 110 A49			
	[D2066LF38]	06.04-	115486	28 80 A49			
		06.04-	115492	28 110 A49			
		04.06-	114007*	28 80			
		07.06-	113998	28 110			
	(TGS)[D2066LF38]	08.08-	113998	28 110			
		08.08-	115492	28 110 A49			
	[D2066LF42]	08.08-	113998	28 110			
		08.08-	115492	28 110 A49			
	(TGX)[D2066LF27]	10.07-	115486	28 80 A49			
		10.07-	115492	28 110 A49			
	[D2066LF38]	10.07-	115486	28 80 A49			
		10.07-	115492	28 110 A49			
	[D2066LF42]	10.07-	115486	28 80 A49			
		10.07-	115492	28 110 A49			
28.360 12.0	(E2000 Evolution)[D2866LF24]				05.00-	110206	24 5.4
	(TGA)[D2866LF27]	09.02-	113289	28 90	09.02-	110206	24 5.4
		09.02-	113295	28 55			
		09.02-	113998	28 110			
		09.02-	114008	28 80			
		07.06-	115486	28 80 A49			
		07.06-	115492	28 110 A49			
28.390 10.5	(TGA)[D2066LF02]	05.04-	114528*	28 120			
		05.04-	115496	28 120 A49			
		06.04-	115486	28 80 A49			
		06.04-	115492	28 110 A49			
	[D2066LF12]	05.04-	114528*	28 120			
		05.04-	115496	28 120 A49			
		06.04-	115486	28 80 A49			
		06.04-	115492	28 110 A49			
	[D2066LF26]	06.04-	115486	28 80 A49			
		06.04-	115492	28 110 A49			
	[D2066LF37]	06.04-	114528*	28 120			
		06.04-	115486	28 80 A49			
		06.04-	115492	28 110 A49			
		06.04-	115496	28 120 A49			
28.390 12.8	(TGA)[D2876LF12]	07.06-	114008	28 80			
28.400 10.5	(TGA)[D2066LF02]	06.04-	115486	28 80 A49			
		06.04-	115492	28 110 A49			
	[D2066LF12]	06.04-	115486	28 80 A49			
		06.04-	115492	28 110 A49			
	[D2066LF26]	06.04-	115486	28 80 A49			
		06.04-	115492	28 110 A49			
		04.06-	113998	28 110			
	[D2066LF37]	06.04-	114528*	28 120			
		06.04-	115486	28 80 A49			
		06.04-	115492	28 110 A49			
		06.04-	115496	28 120 A49			
		04.06-	113998	28 110			
		07.06-	114007*	28 80			
	(TGS)[D2066LF37]	08.08-	113998	28 110			
		08.08-	114007*	28 80			
		08.08-	115486	28 80 A49			
		08.08-	115492	28 110 A49			
	[D2066LF41]	08.08-	113998	28 110			
		08.08-	114007*	28 80			
		08.08-	115486	28 80 A49			
		08.08-	115492	28 110 A49			
	(TGX)[D2066LF26]	10.07-	115486	28 80 A49			
		10.07-	115492	28 110 A49			

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	[D2066LF37]	10.07-	114528*	28 120				
		10.07-	115486	28 80 A49				
		10.07-	115492	28 110 A49				
		10.07-	115496	28 120 A49				
	[D2066LF41]	10.07-	114528*	28 120				
		10.07-	115486	28 80 A49				
		10.07-	115492	28 110 A49				
		10.07-	115496	28 120 A49				
	[D2066LF61]	10.07-	115486	28 80 A49				
		10.07-	115492	28 110 A49				
		10.07-	115496	28 120 A49				
28.410 12.0	(TGA)[D2866LF28]	09.02-	113289	28 90	09.02-	110206	24	5.4
		09.02-	113295	28 55				
		09.02-	113998	28 110				
		09.02-	114008	28 80				
28.430 10.5	(TGA)[D2066LF01]	05.04-	114528*	28 120				
		05.04-	115496	28 120 A49				
		06.04-	115486	28 80 A49				
		06.04-	115492	28 110 A49				
	[D2066LF11]	05.04-	114528*	28 120				
		05.04-	115496	28 120 A49				
		06.04-	115486	28 80 A49				
		06.04-	115492	28 110 A49				
	[D2066LF25]	06.04-	115486	28 80 A49				
		06.04-	115492	28 110 A49				
	[D2066LF36]	06.04-	115486	28 80 A49	06.04-	115440*	24	7.0
		06.04-	115492	28 110 A49				
28.440 10.5	(TGA)[D2066LF01]	06.04-	115486	28 80 A49				
		06.04-	115492	28 110 A49				
	[D2066LF11]	06.04-	115486	28 80 A49				
		06.04-	115492	28 110 A49				
	[D2066LF25]	06.04-	115486	28 80 A49				
		06.04-	115492	28 110 A49				
		09.05-	113998	28 110				
	[D2066LF36]	06.04-	115486	28 80 A49	06.04-	115440*	24	7.0
		06.04-	115492	28 110 A49				
		09.05-	113998	28 110				
	(TGS)[D2066LF36]	08.08-	113998	28 110				
		08.08-	114007*	28 80				
		08.08-	115486	28 80 A49				
		08.08-	115492	28 110 A49				
	[D2066LF40]	08.08-	113998	28 110				
		08.08-	114007*	28 80				
		08.08-	115486	28 80 A49				
		08.08-	115492	28 110 A49				
	(TGX)[D2066LF25]	10.07-	115486	28 80 A49				
		10.07-	115492	28 110 A49				
	[D2066LF36]	10.07-	115486	28 80 A49	10.07-	115440*	24	7.0
		10.07-	115492	28 110 A49				
	[D2066LF40]	10.07-	115486	28 80 A49	10.07-	115440*	24	7.0
		10.07-	115492	28 110 A49				
28.460 12.8	(E2000 Evolution)[D2876LF03]	05.00-	113920	28 35				
	(TGA)[D2876LF04]	09.02-	113289	28 90	09.02-	110206	24	5.4
		09.02-	113295	28 55				
		09.02-	113998	28 110				
		09.02-	114008	28 80				
28.480 12.4	(TGA)[D2676LF02]	02.06-	113998	28 110				
		02.06-	115492	28 110 A49				
	[D2676LF05]	02.06-	113998	28 110				
		02.06-	115492	28 110 A49				
		07.06-	114007*	28 80				
		07.06-	115486	28 80 A49				
	[D2676LF14]	02.06-	113998	28 110				
		02.06-	115492	28 110 A49				
	(TGS)[D2676LF05]	08.08-	114528*	28 120				
		08.08-	115496	28 120 A49				
	[D2676LF07]	08.08-	114528*	28 120				
		08.08-	115496	28 120 A49				
	(TGX)[D2676LF05]	10.07-	115486	28 80 A49	10.07-	115440*	24	7.0
		10.07-	115492	28 110 A49				
	[D2676LF07]	10.07-	115486	28 80 A49	10.07-	115440*	24	7.0
		10.07-	115492	28 110 A49				
	[D2676LF14]	10.07-	115486	28 80 A49	10.07-	115440*	24	7.0
		10.07-	115492	28 110 A49				
	[D2676LF25]	10.07-	115486	28 80 A49				
		10.07-	115492	28 110 A49				
28.480 12.8	(TGA)[D2876LF12]	09.02-	113998	28 110	09.02-	110206	24	5.4
		09.02-	114008	28 80	09.02-	113855	24	5.4
28.510 12.8	(TGA)[D2876LF05]	09.02-	113289	28 90	09.02-	110206	24	5.4
		09.02-	113295	28 55				
		09.02-	113998	28 110				
		09.02-	114008	28 80				
28.530 12.8	(TGA)[D2876LF13]	09.02-	113998	28 110	09.02-	110206	24	5.4
		09.02-	114008	28 80	09.02-	113855	24	5.4
28.540 12.4	(TGA)[D2676LF13]	08.06-	113998	28 110				
		08.06-	114007*	28 80				
		08.06-	115486	28 80 A49				
		08.06-	115492	28 110 A49				



	(TGS)[D2676LF06]	06.08- 06.08-	114528* 115496	28 120 28 120 A49				
	(TGX)[D2676LF06]	10.07- 10.07- 02.09- 02.09-	115486 115492 114528* 115496	28 80 A49 28 110 A49 28 120 28 120 A49	10.07-	115440*	24 7.0	
	[D2676LF13]	10.07- 10.07-	115486 115492	28 80 A49 28 110 A49	10.07-	115440*	24 7.0	
29.460 12.8	(E2000 Evolution)[D2876LF03]	05.00-	113920	28 35				
30.310 12.0	(E2000 Evolution)[D2866LF23]	05.00- 05.00- 05.00- 05.00- 05.00-	110895 112159 113289 113295 113920	28 55 28 80 28 90 28 55 28 35	05.00-	110206	24 5.4	
30.460 12.8	(E2000 Evolution)[D2876LF03]	05.00-	113920	28 35				
32.262 10.0	(F 90)[D2865LF/260]	02.89- 02.90 02.89- 02.90 02.89- 02.90	110761 110895 112159	28 35 28 55 28 80	02.89- 02.90 02.89- 02.90 02.89- 02.90	110210 110206 112120 111046 113855	24 6.6 24 5.4 24 6.6 24 6.6 24 5.4	
32.272 10.0	(F 90)[D2865LF02]	02.90- 10.93 02.90- 04.95 02.90- 04.95 11.93- 04.95	110761 110895 112159 113920	28 35 28 55 28 80 28 35	02.90- 04.95 02.90- 04.95 02.90- 04.95 02.90- 04.95	110206 110210 112120 111046 113855	24 5.4 24 6.6 24 6.6 24 6.6 24 5.4	
	[D2865LF05]	02.90- 10.93 02.90- 04.95 02.90- 04.95 11.93- 04.95	110761 110895 112159 113920	28 35 28 55 28 80 28 35	02.90- 04.95 02.90- 04.95 02.90- 04.95 02.90- 04.95	110206 110210 112120 113855 111046	24 5.4 24 6.6 24 6.6 24 5.4 24 6.6	
32.292 12.0	(F 90)[D2866LF/290]	03.88- 02.90 03.88- 02.90 03.88- 02.90	110761 110895 112159	28 35 28 55 28 80	03.88- 02.90 03.88- 02.90 03.88- 02.90	111046 110206 113855	24 6.6 24 5.4 24 5.4	
32.293 10.0	(F 2000)[D2865LF24]	08.95- 08.95- 08.95- 09.01	110895 112159 113920	28 55 28 80 28 35	08.95- 08.95- 08.95-	110206 111046 113855	24 5.4 24 6.6 24 5.4	
32.302 12.0	(F 90)[D2866LF04]	05.90- 09.91 05.90- 09.91 05.90- 09.91	110761 110895 112159	28 35 28 55 28 80	05.90- 09.91 05.90- 09.91 05.90- 09.91	110206 111046 113855	24 5.4 24 6.6 24 5.4	
32.310 12.0	(E2000 Evolution)[D2866LF23]	05.00- 05.00- 05.00- 05.00-	110895 112159 113289 113295 113920	28 55 28 80 28 90 28 55 28 35	05.00-	110206	24 5.4	
	(TGA)[D2866LF26]	01.02- 01.02-	113289 113295	28 90 28 55	01.02-	110206	24 5.4	
32.320 10.5	(TGS)[D2066LF43]	02.09- 02.09-	114007* 115486	28 80 28 80 A49				
32.322 10.0	(F 90)[D2865LF03]	02.90- 08.93 02.90- 05.94 07.93- 05.94 09.93- 05.94	110761 112159 110895 113920	28 35 28 80 28 55 28 35	02.90- 06.96 02.90- 06.96 02.90- 05.94	110206 111046 110210	24 5.4 24 6.6 24 6.6	
	[D2865LF06]	02.90- 08.93 02.90- 05.94 07.93- 05.94 09.93- 05.94	110761 112159 110895 113920	28 35 28 80 28 55 28 35	02.90- 06.96 02.90- 06.96 02.90- 05.94	110206 111046 110210	24 5.4 24 6.6 24 6.6	
32.332 12.0	(F 90)[D2866LF/330]	03.88- 02.90 03.88- 02.90 03.88- 02.90	110761 110895 112159	28 35 28 55 28 80	03.88- 02.90 03.88- 02.90 03.88- 02.90	113855 110206 111046	24 5.4 24 5.4 24 6.6	
32.342 10.0	(F 90)[D2865LF09]	05.94- 06.96 05.94- 06.96 05.94- 06.96	110895 112159 113920	28 55 28 80 28 35	05.94- 06.96 05.94- 06.96	110210 111046	24 6.6 24 6.6	
32.343 10.0	(F 2000)[D2865LF21]	08.95- 08.95- 08.95- 09.01	110895 112159 113920	28 55 28 80 28 35	08.95- 08.95- 08.95-	110206 111046 113855	24 5.4 24 6.6 24 5.4	
32.350 10.5	(TGA)[D2066LF03]	02.04- 02.04- 02.04- 02.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49				
	[D2066LF33]	02.04- 02.04- 02.04- 02.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49				
	[D2066LF38]	02.04- 02.04- 02.04- 02.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49				
32.360 10.5	(TGA)[D2066LF03]	02.04- 02.04- 02.04- 02.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49				
	[D2066LF13]	02.04- 02.04- 02.04- 02.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49				
	[D2066LF33]	02.04- 02.04- 02.04- 02.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49				

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	(TGS)[D2066LF27]	10.07-	114007*	28 80				
		10.07-	115486	28 80 A49				
	[D2066LF38]	10.07-	114007*	28 80				
		10.07-	115486	28 80 A49				
		08.08-	113998	28 110				
		08.08-	115492	28 110 A49				
	[D2066LF42]	10.07-	114007*	28 80				
		10.07-	115486	28 80 A49				
	(TGX)[D2066LF27]	10.07-	115486	28 80 A49				
		10.07-	115492	28 110 A49				
	[D2066LF38]	10.07-	115486	28 80 A49				
		10.07-	115492	28 110 A49				
	[D2066LF42]	10.07-	115486	28 80 A49				
		10.07-	115492	28 110 A49				
32.360 12.0	(E2000 Evolution)[D2866LF24]				05.00-	110206	24 5.4	
	(TGA)[D2866LF27]	09.02-	113289	28 90	09.02-	110206	24 5.4	
		09.02-	113295	28 55				
32.362 12.0	(F 90)[D2866LXF]	03.88- 02.90	110761	28 35	03.88- 02.90	113855	24 5.4	
		03.88- 02.90	110895	28 55	03.88- 02.90	110206	24 5.4	
		03.88- 02.90	112159	28 80	03.88- 02.90	111046	24 6.6	
32.372 12.0	(F 90)[D2866LF03]	02.90- 08.93	110761	28 35	02.90- 05.94	110206	24 5.4	
		02.90- 04.92	110895	28 55				
		02.90- 06.96	112159	28 80				
		09.93- 06.96	113920	28 35				
	[D2866LF05]	02.90- 08.93	110761	28 35	10.92- 05.94	110206	24 5.4	
		02.90- 04.92	110895	28 55				
		02.90- 06.96	112159	28 80				
		09.93- 06.96	113920	28 35				
	[D2866LF15]	02.90- 08.93	110761	28 35	05.94- 06.96	110206	24 5.4	
		02.90- 04.92	110895	28 55				
		02.90- 06.96	112159	28 80				
		09.93- 06.96	113920	28 35				
	[D2866LXF/Silent]	05.90- 04.95	110761	28 35	05.90- 04.95	111046	24 6.6	
		05.90- 04.95	110895	28 55	02.90- 06.96	110206	24 5.4	
					05.90- 04.95	113855	24 5.4	
32.390 10.5	(TGA)[D2066LF02]	05.04-	114528*	28 120				
		05.04-	115486	28 80 A49				
		05.04-	115492	28 110 A49				
		05.04-	115496	28 120 A49				
	[D2066LF12]	05.04-	114528*	28 120				
		05.04-	115486	28 80 A49				
		05.04-	115492	28 110 A49				
		05.04-	115496	28 120 A49				
	[D2066LF37]	05.04-	114528*	28 120				
		05.04-	115486	28 80 A49				
		05.04-	115492	28 110 A49				
		05.04-	115496	28 120 A49				
32.400 10.5	(TGA)[D2066LF02]	05.04-	114528*	28 120				
		05.04-	115486	28 80 A49				
		05.04-	115492	28 110 A49				
		05.04-	115496	28 120 A49				
	[D2066LF12]	05.04-	114528*	28 120				
		05.04-	115486	28 80 A49				
		05.04-	115492	28 110 A49				
		05.04-	115496	28 120 A49				
	[D2066LF32]	05.04-	114528*	28 120				
		05.04-	115486	28 80 A49				
		05.04-	115492	28 110 A49				
		05.04-	115496	28 120 A49				
	(TGS)[D2066LF26]	10.07-	113998	28 110				
		10.07-	115492	28 110 A49				
	[D2066LF37]	10.07-	113998	28 110				
		10.07-	115492	28 110 A49				
	[D2066LF41]	10.07-	113998	28 110				
		10.07-	115492	28 110 A49				
32.402 12.0	(F 90)[D2866LF16]	05.94- 06.96	112159	28 80	05.94- 06.96	110206	24 5.4	
		05.94- 06.96	113920	28 35				
32.403 12.0	(F 2000)[D2866LF20]	08.95-	110895	28 55	08.95-	110206	24 5.4	
		08.95-	112159	28 80	08.95-	113855	24 5.4	
		08.95-	113289	28 90	08.95-	111046	24 6.6	
		08.95-	113295	28 55				
		08.95- 09.01	113920	28 35				
32.410 12.0	(E2000 Evolution)[D2866LF25]				05.00-	110206	24 5.4	
	(TGA)[D2866LF28]	09.02-	113289	28 90	09.02-	110206	24 5.4	
		09.02-	113295	28 55				
32.422 12.0	(F 90)[D2866LF06]	09.93- 06.96	113920	28 35	02.90- 06.96	110206	24 5.4	
		08.93	110761	28 35				
		04.92	110895	28 55				
		06.96	112159	28 80				
	[D2866LF09]	02.90- 08.93	110761	28 35	10.92- 06.96	110206	24 5.4	
		02.90- 06.96	112159	28 80				
		09.93- 06.96	113920	28 35				
32.430 10.5	(TGA)[D2066LF01]	05.04-	114528*	28 120				
		05.04-	115486	28 80 A49				
		05.04-	115492	28 110 A49				
		05.04-	115496	28 120 A49				



	[D2066LF11]	05.04-	114528*	28 120				
		05.04-	115486	28 80 A49				
		05.04-	115492	28 110 A49				
		05.04-	115496	28 120 A49				
	[D2066LF36]	05.04-	114528*	28 120				
		05.04-	115486	28 80 A49				
		05.04-	115492	28 110 A49				
		05.04-	115496	28 120 A49				
32.440 10.5	(TGA)[D2066LF01]	05.04-	114528*	28 120				
		05.04-	115486	28 80 A49				
		05.04-	115492	28 110 A49				
		05.04-	115496	28 120 A49				
	[D2066LF11]	05.04-	114528*	28 120				
		05.04-	115486	28 80 A49				
		05.04-	115492	28 110 A49				
		05.04-	115496	28 120 A49				
	[D2066LF31]	05.04-	114528*	28 120				
		05.04-	115486	28 80 A49				
		05.04-	115492	28 110 A49				
		05.04-	115496	28 120 A49				
	(TGS)[D2066LF25]	10.07-	114007*	28 80				
		10.07-	115486	28 80 A49				
	[D2066LF36]	10.07-	114007*	28 80				
		10.07-	115486	28 80 A49				
		08.08-	113998	28 110				
		08.08-	115492	28 110 A49				
	[D2066LF40]	10.07-	114007*	28 80				
		10.07-	115486	28 80 A49				
32.460 12.8	(E2000 Evolution)[D2876LF03]	05.00-	113920	28 35				
	(TGA)[D2876LF04]	09.02-	113289	28 90	09.02-	110206	24 5.4	
		09.02-	113295	28 55				
32.463 12.8	(F 2000)[D2876LF02]	08.95-	110895	28 55	08.95-	110206	24 5.4	
		08.95-	112159	28 80	08.95-	111046	24 6.6	
		08.95-	113289	28 90	08.95-	113855	24 5.4	
		08.95-	113295	28 55				
		08.95- 09.01	113920	28 35				
32.480 12.4	(TGA)[D2676LF01]	02.06-	115486	28 80 A49				
		02.06-	115492	28 110 A49				
	(TGS)[D2676LF05]	08.08-	114528*	28 120				
		08.08-	115496	28 120 A49				
	[D2676LF07]	08.08-	114528*	28 120				
		08.08-	115496	28 120 A49				
32.480 12.8	(TGA)[D2876LF12]	09.02-	113998	28 110	09.02-	113855	24 5.4	
		05.04- 09.05	114008	28 80	05.04- 09.05	110206	24 5.4	
33.242 12.0	(F 90)[D2866F/240]	01.88- 08.88	110761	28 35	01.88- 08.88	111046	24 6.6	
		01.88- 08.88	110895	28 55	01.88- 08.88	110206	24 5.4	
					01.88- 08.88	113855	24 5.4	
33.262 10.0	(F 90)[D2865LF/260]	08.88- 02.90	110761	28 35	08.88- 02.90	110206	24 5.4	
		08.88- 02.90	110895	28 55	08.88- 02.90	110210	24 6.6	
		08.88- 02.90	112159	28 80	08.88- 02.90	112120	24 6.6	
					08.88- 02.90	111046	24 6.6	
					08.88- 02.90	113855	24 5.4	
33.272 10.0	(F 90)[D2865LF05]	10.92- 10.93	110761	28 35	10.92- 04.95	112120	24 6.6	
		10.92- 04.95	110895	28 55	10.92- 04.95	110210	24 6.6	
		10.92- 04.95	112159	28 80	10.92- 04.95	110206	24 5.4	
		11.93- 04.95	113920	28 35	10.92- 04.95	111046	24 6.6	
					10.92- 04.95	113855	24 5.4	
33.292 12.0	(F 90)[D2866LF/290]	09.87- 02.90	110761	28 35	09.87- 02.90	110206	24 5.4	
		09.87- 02.90	110895	28 55	09.87- 02.90	111046	24 6.6	
		09.87- 02.90	112159	28 80	09.87- 02.90	113855	24 5.4	
33.322 10.0	(F 90)[D2865LF03]	09.91- 08.93	110761	28 35	09.91- 06.96	110206	24 5.4	
		09.91- 06.96	112159	28 80	09.91- 06.96	111046	24 6.6	
		07.93- 06.96	110895	28 55	09.91- 06.96	110210	24 6.6	
		09.93- 06.96	113920	28 35				
	[D2865LF06]	09.91- 08.93	110761	28 35	09.91- 06.96	111046	24 6.6	
		09.91- 06.96	112159	28 80	09.91- 06.96	110206	24 5.4	
		07.93- 06.96	110895	28 55	09.91- 06.96	110210	24 6.6	
		09.93- 06.96	113920	28 35				
33.323 10.0	(F 2000)[D2865LF23]	01.94- 12.95	110895	28 55	01.94- 12.95	110206	24 5.4	
		01.94- 12.95	112159	28 80	01.94- 12.95	111046	24 6.6	
		01.94- 12.95	113920	28 35	01.94- 12.95	113855	24 5.4	
33.332 10.0	(F 90)[D2866LF/330]	09.87- 02.90	110761	28 35	09.87- 02.90	113855	24 5.4	
		09.87- 02.90	110895	28 55	09.87- 02.90	110206	24 5.4	
		09.87- 02.90	112159	28 80	09.87- 02.90	111046	24 6.6	
33.332 12.0	(F 90)[D2866LF/330]	09.87- 02.90	110761	28 35	09.87- 02.90	113855	24 5.4	
		09.87- 02.90	110895	28 55	09.87- 02.90	110206	24 5.4	
		09.87- 02.90	112159	28 80	09.87- 02.90	111046	24 6.6	
33.342 10.0	(F 90)[D2865LF09]	05.94- 06.96	110895	28 55	05.94- 06.96	110210	24 6.6	
		05.94- 06.96	112159	28 80	05.94- 06.96	111046	24 6.6	
		05.94- 06.96	113920	28 35				
33.343 10.0	(F 2000)[D2865LF21]	01.94-	110895	28 55	01.94-	110206	24 5.4	
		01.94-	112159	28 80	01.94-	111046	24 6.6	
		01.94- 09.01	113920	28 35	01.94-	113855	24 5.4	
33.350 10.5	(TGA)[D2066LF03]	05.04-	114528*	28 120				
		05.04-	115486	28 80 A49				
		05.04-	115492	28 110 A49				
		05.04-	115496	28 120 A49				
		09.07-	114007*	28 80				

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	[D2066LF07]	05.04-	114528*	28 120				
		05.04-	115486	28 80 A49				
		05.04-	115492	28 110 A49				
		05.04-	115496	28 120 A49				
	[D2066LF13]	05.04-	114528*	28 120				
		05.04-	115486	28 80 A49				
		05.04-	115492	28 110 A49				
		05.04-	115496	28 120 A49				
	[D2066LF33]	05.04-	114528*	28 120				
		05.04-	115486	28 80 A49				
		05.04-	115492	28 110 A49				
		05.04-	115496	28 120 A49				
	[D2066LF38]	05.04-	114528*	28 120				
		05.04-	115486	28 80 A49				
		05.04-	115492	28 110 A49				
		05.04-	115496	28 120 A49				
33.360 10.5	(TGA)[D2066LF03]	05.04-	114528*	28 120				
		05.04-	115486	28 80 A49				
		05.04-	115492	28 110 A49				
		05.04-	115496	28 120 A49				
	[D2066LF07]	05.04-	114528*	28 120				
		05.04-	115486	28 80 A49				
		05.04-	115492	28 110 A49				
		05.04-	115496	28 120 A49				
		09.07-	113998	28 110				
	[D2066LF13]	05.04-	114528*	28 120				
		05.04-	115486	28 80 A49				
		05.04-	115492	28 110 A49				
		05.04-	115496	28 120 A49				
	[D2066LF33]	05.04-	114528*	28 120				
		05.04-	115486	28 80 A49				
		05.04-	115492	28 110 A49				
		05.04-	115496	28 120 A49				
	[D2066LF38]	05.04-	114528*	28 120				
		05.04-	115486	28 80 A49				
		05.04-	115492	28 110 A49				
		05.04-	115496	28 120 A49				
	(TGS)[D2066LF27]	02.09-	114007*	28 80				
		02.09-	115486	28 80 A49				
	[D2066LF38]	06.08-	114007*	28 80				
		06.08-	115486	28 80 A49				
		02.09-	113998	28 110				
		02.09-	115492	28 110 A49				
	[D2066LF42]	06.08-	114007*	28 80				
		06.08-	115486	28 80 A49				
		02.09-	113998	28 110				
		02.09-	115492	28 110 A49				
33.360 12.0	(E2000 Evolution)[D2866LF24]				05.00-	110206	24 5.4	
	(TGA)[D2866LF27]	01.01-	113998	28 110	01.01- 05.04	110206	24 5.4	
		06.01- 05.04	113289	28 90				
		06.01- 05.04	113295	28 55				
		09.02- 05.04	114008	28 80				
	[D2866LF37]	09.02-	113998	28 110				
		09.02- 05.04	114008	28 80				
33.362 12.0	(F 90)[D2866KF]	09.87- 02.90	110761	28 35	09.87- 02.90	111046	24 6.6	
		09.87- 02.90	110895	28 55	09.87- 02.90	110206	24 5.4	
		09.87- 02.90	112159	28 80	09.87- 02.90	113855	24 5.4	
	[D2866LXF]	09.87- 02.90	110761	28 35	09.87- 02.90	110206	24 5.4	
		09.87- 02.90	110895	28 55	09.87- 02.90	111046	24 6.6	
		09.87- 02.90	112159	28 80	09.87- 02.90	113855	24 5.4	
33.364 12.0	(F 2000)	05.01-	110895	28 55	05.01-	110206	24 5.4	
33.372 12.0	(F 90)[D2866LF03]	09.91- 08.93	110761	28 35	01.91- 10.92	110206	24 5.4	
		09.91- 04.92	110895	28 55				
		09.91- 06.96	112159	28 80				
		09.93- 06.96	113920	28 35				
	[D2866LF05]	09.91- 08.93	110761	28 35	10.92- 05.94	110206	24 5.4	
		09.91- 06.96	112159	28 80				
		09.93- 06.96	113920	28 35				
	[D2866LF15]	09.91- 08.93	110761	28 35	05.94- 06.96	110206	24 5.4	
		09.91- 06.96	112159	28 80				
		09.93- 06.96	113920	28 35				
33.373 12.0	(F 2000)[D2866LF21]	01.94- 12.95	110895	28 55	01.94- 12.95	111046	24 6.6	
		01.94- 12.95	112159	28 80	01.94- 12.95	113855	24 5.4	
		01.94- 12.95	113289	28 90	01.94- 12.95	110206	24 5.4	
		01.94- 12.95	113295	28 55				
		01.94- 12.95	113920	28 35				
33.390 10.5	(TGA)[D2066LF02]	05.04-	114528*	28 120				
		05.04-	115486	28 80 A49				
		05.04-	115492	28 110 A49				
		05.04-	115496	28 120 A49				
		09.07-	113998	28 110				
	[D2066LF06]	09.07-	113998	28 110				
		09.07-	115492	28 110 A49				
	[D2066LF12]	05.04-	114528*	28 120				
		05.04-	115486	28 80 A49				
		05.04-	115492	28 110 A49				
		05.04-	115496	28 120 A49				





	[D2066LF32]	05.04-	114528*	28 120				
		05.04-	115486	28 80 A49				
		05.04-	115492	28 110 A49				
		05.04-	115496	28 120 A49				
33.400 10.5	(TGA)[D2066LF02]	05.04-	114528*	28 120				
		05.04-	115486	28 80 A49				
		05.04-	115492	28 110 A49				
		05.04-	115496	28 120 A49				
		09.07-	113998	28 110				
	[D2066LF06]	09.07-	113998	28 110				
		09.07-	115492	28 110 A49				
	[D2066LF12]	05.04-	114528*	28 120				
		05.04-	115486	28 80 A49				
		05.04-	115492	28 110 A49				
		05.04-	115496	28 120 A49				
	[D2066LF32]	05.04-	114528*	28 120				
		05.04-	115486	28 80 A49				
		05.04-	115492	28 110 A49				
		05.04-	115496	28 120 A49				
	(TGS)[D2066LF37]	06.08-	114007*	28 80				
		06.08-	115486	28 80 A49				
		02.09-	113998	28 110				
		02.09-	115492	28 110 A49				
	[D2066LF41]	06.08-	114007*	28 80				
		06.08-	115486	28 80 A49				
		02.09-	113998	28 110				
		02.09-	115492	28 110 A49				
	(TGX)[D2066LF26]	10.07-	115486	28 80 A49				
		10.07-	115492	28 110 A49				
	[D2066LF37]	10.07-	114528*	28 120				
		10.07-	115486	28 80 A49				
		10.07-	115492	28 110 A49				
		10.07-	115496	28 120 A49				
	[D2066LF41]	10.07-	114528*	28 120				
		10.07-	115486	28 80 A49				
		10.07-	115492	28 110 A49				
		10.07-	115496	28 120 A49				
	[D2066LF61]	10.07-	115486	28 80 A49				
		10.07-	115492	28 110 A49				
33.402 12.0	(F 90)[D2866LF16]	05.94- 06.96	112159	28 80	05.94- 06.96	110206	24	5.4
		05.94- 06.96	113920	28 35				
33.403 12.0	(F 2000)[D2866LF20]	01.94-	110895	28 55	01.94-	110206	24	5.4
		01.94-	112159	28 80	01.94-	113855	24	5.4
		01.94-	113289	28 90	01.94-	111046	24	6.6
		01.94-	113295	28 55				
		01.94- 09.01	113920	28 35				
33.410 12.0	(E2000 Evolution)[D2866LF25]				05.00-	110206	24	5.4
	(TGA)[D2866LF28]	10.00-	113998	28 110	09.02-	110206	24	5.4
		09.02- 05.04	113289	28 90				
		09.02- 05.04	113295	28 55				
		09.02- 05.04	114008	28 80				
	[D2866LF32]	10.00-	113998	28 110				
		09.02- 05.04	113289	28 90				
		09.02- 05.04	113295	28 55				
		09.02- 05.04	114008	28 80				
33.414 12.0	(F 2000)	05.01-	110895	28 55	05.01-	110206	24	5.4
33.422 12.0	(F 90)[D2866LF06]	09.91- 08.93	110761	28 35	09.91- 06.96	110206	24	5.4
		09.91- 04.92	110895	28 55				
		09.91- 06.96	112159	28 80				
		09.93- 06.96	113920	28 35				
	[D2866LF09]	09.91- 08.93	110761	28 35	09.91- 06.96	110206	24	5.4
		09.91- 06.96	112159	28 80				
		09.93- 06.96	113920	28 35				
33.423 12.0	(F 2000)[D2866LF22]	01.94- 12.95	110895	28 55	01.94- 12.95	113855	24	5.4
		01.94- 12.95	112159	28 80	01.94- 12.95	110206	24	5.4
		01.94- 12.95	113289	28 90	01.94- 12.95	111046	24	6.6
		01.94- 12.95	113295	28 55				
		01.94- 12.95	113920	28 35				
33.430 10.5	(TGA)[D2066LF01]	05.04-	114528*	28 120				
		05.04-	115486	28 80 A49				
		05.04-	115492	28 110 A49				
		05.04-	115496	28 120 A49				
	[D2066LF11]	05.04-	114528*	28 120				
		05.04-	115486	28 80 A49				
		05.04-	115492	28 110 A49				
		05.04-	115496	28 120 A49				
	[D2066LF31]	05.04-	114528*	28 120				
		05.04-	115486	28 80 A49				
		05.04-	115492	28 110 A49				
		05.04-	115496	28 120 A49				
33.440 10.5	(TGA)[D2066LF01]	05.04-	114528*	28 120				
		05.04-	115486	28 80 A49				
		05.04-	115492	28 110 A49				
		05.04-	115496	28 120 A49				
	[D2066LF11]	05.04-	114528*	28 120				
		05.04-	115486	28 80 A49				
		05.04-	115492	28 110 A49				
		05.04-	115496	28 120 A49				

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	[D2066LF31]	05.04-	114528*	28 120				
		05.04-	115486	28 80 A49				
		05.04-	115492	28 110 A49				
		05.04-	115496	28 120 A49				
	(TGS)[D2066LF25]	07.08-	114528*	28 120				
		07.08-	115496	28 120 A49				
	[D2066LF36]	06.08-	114528*	28 120				
		06.08-	115496	28 120 A49				
	[D2066LF40]	06.08-	114528*	28 120				
		06.08-	115496	28 120 A49				
	(TGX)[D2066LF25]	10.07-	115486	28 80 A49				
		10.07-	115492	28 110 A49				
	[D2066LF36]	10.07-	115486	28 80 A49	10.07-	115440*	24	7.0
		10.07-	115492	28 110 A49				
	[D2066LF40]	10.07-	115486	28 80 A49	10.07-	115440*	24	7.0
		10.07-	115492	28 110 A49				
33.440 12.4	(TGA)[D2676LF04]	06.05-	114528*	28 120				
		06.05-	115496	28 120 A49				
33.460 12.8	(E2000 Evolution)[D2876LF03]	05.00-	113920	28 35				
	(TGA)[D2876LF04]	09.02- 05.04	113289	28 90	09.02- 12.05	110206	24	5.4
		09.02- 05.04	113295	28 55				
		09.02-	113998	28 110				
		09.02- 12.05	114008	28 80				
	[D2876LF07]	09.02-	113998	28 110				
		09.02-	114008	28 80				
33.462 18.3	(F 90)[D2840LF/460]	07.89- 02.90	110761	28 35	07.89- 02.90	111046	24	6.6
		07.89- 02.90	110895	28 55	07.89- 02.90	110210	24	6.6
		07.89- 02.90	112159	28 80	07.89- 02.90	112120	24	6.6
					07.89- 02.90	113855	24	5.4
33.463 12.0	(F 2000)[D2876LF02]	01.94-	110895	28 55	01.94-	110206	24	5.4
		01.94-	112159	28 80	01.94-	111046	24	6.6
		01.94-	113289	28 90				
		01.94-	113295	28 55				
		01.94- 09.01	113920	28 35				
33.463 12.8	(F 2000)[D2876LF02]	01.94-	110895	28 55	01.94-	110206	24	5.4
		01.94-	112159	28 80	01.94-	111046	24	6.6
		01.94-	113289	28 90	01.94-	113855	24	5.4
		01.94-	113295	28 55				
		01.94- 09.01	113920	28 35				
33.464 12.8	(F 2000)	05.01-	110895	28 55	05.01-	110206	24	5.4
33.480 12.4	(TGA)[D2676LF01]	02.06-	115486	28 80 A49				
		02.06-	115492	28 110 A49				
	[D2676LF02]	09.07-	114528*	28 120				
		09.07-	115496	28 120 A49				
	[D2676LF03]	02.06-	115486	28 80 A49				
		02.06-	115492	28 110 A49				
		09.07-	114528*	28 120				
		09.07-	115496	28 120 A49				
	(TGS)[D2676LF05]	08.08-	114528*	28 120				
		08.08-	115496	28 120 A49				
	[D2676LF07]	08.08-	114528*	28 120				
		08.08-	115496	28 120 A49				
	[D2676LF14]	08.08-	114528*	28 120				
		08.08-	115496	28 120 A49				
	(TGX)[D2676LF05]	10.07-	115486	28 80 A49	10.07-	115440*	24	7.0
		10.07-	115492	28 110 A49				
	[D2676LF07]	10.07-	115486	28 80 A49	10.07-	115440*	24	7.0
		10.07-	115492	28 110 A49				
	[D2676LF14]	10.07-	115486	28 80 A49	10.07-	115440*	24	7.0
		10.07-	115492	28 110 A49				
	[D2676LF16]	10.07-	115486	28 80 A49	10.07-	115440*	24	7.0
		10.07-	115492	28 110 A49				
33.480 12.8	(TGA)[D2876LF05]	09.02- 06.03	113289	28 90	06.03-	110206	24	5.4
		09.02- 06.03	113295	28 55				
	[D2876LF12]	09.02-	113998	28 110	09.02-	113855	24	5.4
		09.02- 09.06	114008	28 80	09.02-	110206	24	5.4
	[D2876LF25]	09.02-	114008	28 80	06.03-	110206	24	5.4
					09.02-	113855	24	5.4
33.502 18.3	(F 90)[D2840LF01]	09.91- 06.96	110761	28 35	09.91- 06.96	110210	24	6.6
		09.91- 06.96	110895	28 55	09.91- 06.96	111046	24	6.6
		09.91- 06.96	112159	28 80				
		09.91- 06.96	113920	28 35				
	[D2840LF04]	09.91- 06.96	110761	28 35	09.91- 06.96	110210	24	6.6
		09.91- 06.96	110895	28 55	09.91- 06.96	111046	24	6.6
		09.91- 06.96	112159	28 80				
		09.91- 06.96	113920	28 35				
	[D2840LF06]	09.91- 06.96	110761	28 35	09.91- 06.96	110210	24	6.6
		09.91- 06.96	110895	28 55	09.91- 06.96	111046	24	6.6
		09.91- 06.96	112159	28 80				
		09.91- 06.96	113920	28 35				
33.510 12.8	(TGA)[D2876LF05]	09.02- 06.03	113289	28 90	09.02- 06.03	110206	24	5.4
		09.02- 06.03	113295	28 55				
33.530 12.8	(TGA)[D2876LF13]	09.02-	113998	28 110	09.02-	110206	24	5.4
		09.02-	114008	28 80	09.02-	113855	24	5.4
33.540 12.4	(TGS)[D2676LF06]	02.09-	114528*	28 120				
		02.09-	115496	28 120 A49				
	[D2676LF13]	02.09-	114528*	28 120				
		02.09-	115496	28 120 A49				



	(TGX)[D2676LF06]	10.07-	115486	28 80 A49	10.07-	115440*	24 7.0
		10.07-	115492	28 110 A49			
	[D2676LF13]	10.07-	115486	28 80 A49	10.07-	115440*	24 7.0
		10.07-	115492	28 110 A49			
33.600 18.3	(E2000 Evolution)[D2840LF21]				06.00-	110210	24 6.6
33.603 18.3	(F 2000)[D2840LF20]				06.96-	110210	24 6.6
					06.96-	111046	24 6.6
					06.96-	112120	24 6.6
					06.96-	113855	24 5.4
33.680 16.2	(TGX)[D2868LF02]	10.07-	114528*	28 120			
		10.07-	115486	28 80 A49			
		10.07-	115492	28 110 A49			
		10.07-	115496	28 120 A49			
35.262 10.0	(F 90)[D2865LF/260]	02.89- 02.90	110761	28 35	02.89- 02.90	112120	24 6.6
		02.89- 02.90	110895	28 55	02.89- 02.90	110210	24 6.6
		02.89- 02.90	112159	28 80	02.89- 02.90	110206	24 5.4
					02.89- 02.90	111046	24 6.6
					02.89- 02.90	113855	24 5.4
35.272 10.0	(F 90)[D2865LF02]	02.90- 12.92	110761	28 35	02.90- 12.92	110210	24 6.6
		02.90- 12.92	110895	28 55	02.90- 12.92	110206	24 5.4
		02.90- 12.92	112159	28 80	02.90- 12.92	112120	24 6.6
					02.90- 12.92	111046	24 6.6
					02.90- 12.92	113855	24 5.4
35.292 12.0	(F 90)[D2866LFZ/290]	10.88- 04.95	110761	28 35	10.88- 04.95	111046	24 6.6
		10.88- 04.95	110895	28 55	10.88- 04.95	110206	24 5.4
					10.88- 04.95	113855	24 5.4
35.302 12.0	(F 90)[D2866LF04]	05.90- 09.91	110761	28 35	05.90- 09.91	113855	24 5.4
		05.90- 09.91	110895	28 55	05.90- 11.90	110206	24 5.4
		05.90- 09.91	112159	28 80	05.90- 09.91	111046	24 6.6
35.310 10.5	(TGA)[D2066LF04]	02.04-	114528*	28 120			
		02.04-	115486	28 80 A49			
		02.04-	115492	28 110 A49			
		02.04-	115496	28 120 A49			
	[D2066LF35]	02.04-	114528*	28 120			
		02.04-	115486	28 80 A49			
		02.04-	115492	28 110 A49			
		02.04-	115496	28 120 A49			
35.310 12.0	(TGA)[D2866LF26]	06.03- 06.05	113998	28 110	11.03-	110206	24 5.4
		06.03- 06.05	114008	28 80			
		11.03-	113289	28 90			
		11.03-	113295	28 55			
35.314 12.0	(F 2000)	03.02-	110895	28 55	03.02-	110206	24 5.4
35.320 10.5	(TGA)[D2066LF04]	02.04-	114528*	28 120			
		02.04-	115486	28 80 A49			
		02.04-	115492	28 110 A49			
		02.04-	115496	28 120 A49			
	[D2066LF35]	02.04-	114528*	28 120			
		02.04-	115486	28 80 A49			
		02.04-	115492	28 110 A49			
		02.04-	115496	28 120 A49			
	(TGS)[D2066LF28]	10.07-	113998	28 110			
		10.07-	115492	28 110 A49			
	[D2066LF39]	10.07-	113998	28 110			
		10.07-	115492	28 110 A49			
		06.08-	114007*	28 80			
		06.08-	115486	28 80 A49			
	[D2066LF43]	10.07-	113998	28 110			
		10.07-	115492	28 110 A49			
		06.08-	114007*	28 80			
		06.08-	115486	28 80 A49			
35.322 10.0	(F 90)[D2865LF03]	02.90- 08.93	110761	28 35	02.90- 06.96	111046	24 6.6
		02.90- 06.96	112159	28 80	02.90- 06.96	110210	24 6.6
		07.93- 06.96	110895	28 55			
		09.93- 06.96	113920	28 35			
	[D2865LF06]	02.90- 08.93	110761	28 35	02.90- 06.96	111046	24 6.6
		02.90- 06.96	112159	28 80	02.90- 06.96	110210	24 6.6
		07.93- 06.96	110895	28 55			
		09.93- 06.96	113920	28 35			
35.322 12.0	(F 90)[D2865LF03]	02.90- 08.93	110761	28 35	02.90- 06.96	111046	24 6.6
		02.90- 05.94	112159	28 80	02.90- 05.94	110210	24 6.6
		07.93- 05.94	110895	28 55			
		09.93- 05.94	113920	28 35			
35.332 12.0	(F 90)[D2866LFZ/330]	10.88- 04.95	110761	28 35	10.88- 04.95	111046	24 6.6
		10.88- 04.95	110895	28 55	10.88- 04.95	110206	24 5.4
					10.88- 05.95	113855	24 5.4
35.342 10.0	(F 90)[D2865LF09]	05.94- 06.96	110895	28 55	05.94- 06.96	110210	24 6.6
		05.94- 06.96	112159	28 80	05.94- 06.96	111046	24 6.6
		05.94- 06.96	113920	28 35			
35.343 10.0	(F 2000)[D2865LF21]	08.95-	110895	28 55	08.95-	110206	24 5.4
		08.95-	112159	28 80	08.95-	111046	24 6.6
		08.95- 09.01	113920	28 35	08.95-	113855	24 5.4
35.350 10.5	(TGA)[D2066LF03]	02.04-	114528*	28 120			
		02.04- 09.06	115486	28 80 A49			
		02.04- 09.06	115492	28 110 A49			
		02.04- 09.06	115496	28 120 A49			
	[D2066LF13]	02.04-	114528*	28 120			
		10.04- 09.06	115486	28 80 A49			
		10.04- 09.06	115492	28 110 A49			
		10.04- 09.06	115496	28 120 A49			

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	[D2066LF33]	02.04-	114528*	28 120				
		02.04-	115486	28 80 A49				
		02.04-	115492	28 110 A49				
		02.04-	115496	28 120 A49				
35.360 10.5	(TGA)[D2066LF03]	02.04-	114528*	28 120				
		02.04- 09.06	115486	28 80 A49				
		02.04- 09.06	115492	28 110 A49				
		02.04- 09.06	115496	28 120 A49				
	[D2066LF13]	02.04-	114528*	28 120				
		02.04-	115486	28 80 A49				
		02.04-	115492	28 110 A49				
		02.04-	115496	28 120 A49				
	[D2066LF33]	02.04-	114528*	28 120				
		07.06-	115486	28 80 A49				
		07.06-	115492	28 110 A49				
		07.06-	115496	28 120 A49				
	[D2066LF38]	07.06-	113998	28 110				
		07.06-	114007*	28 80				
		07.06-	115486	28 80 A49				
		07.06-	115492	28 110 A49				
	(TGS)[D2066LF27]	10.07-	113998	28 110				
		10.07-	115492	28 110 A49				
	[D2066LF38]	10.07-	113998	28 110				
		10.07-	115492	28 110 A49				
		06.08-	114007*	28 80				
		06.08-	115486	28 80 A49				
	[D2066LF42]	10.07-	113998	28 110				
		10.07-	115492	28 110 A49				
		06.08-	114007*	28 80				
		06.08-	115486	28 80 A49				
	(TGX)[D2066LF27]	06.08-	115486	28 80 A49				
		06.08-	115492	28 110 A49				
	[D2066LF38]	06.08-	115486	28 80 A49				
		06.08-	115492	28 110 A49				
	[D2066LF42]	06.08-	115486	28 80 A49				
		06.08-	115492	28 110 A49				
35.360 12.0	(E2000 Evolution)[D2866LF24]				05.00-	110206	24	5.4
	[D2866LF27]	10.03- 12.05	113998	28 110				
		10.03- 12.05	114008	28 80				
35.362 12.0	(F 90)[D2866LXF]	10.88- 02.90	110761	28 35	10.88- 02.90	113855	24	5.4
		10.88- 02.90	110895	28 55	10.88- 02.90	110206	24	5.4
		10.88- 02.90	112159	28 80	10.88- 02.90	111046	24	6.6
35.372 12.0	(F 90)[D2866LF03]	02.90- 08.93	110761	28 35	02.90- 05.94	110206	24	5.4
		02.90- 04.92	110895	28 55				
		02.90- 06.96	112159	28 80				
		09.93- 06.96	113920	28 35				
	[D2866LF05]	02.90- 08.93	110761	28 35	10.92- 05.94	110206	24	5.4
		02.90- 04.92	110895	28 55				
		02.90- 06.96	112159	28 80				
		09.93- 06.96	113920	28 35				
	[D2866LF15]	02.90- 08.93	110761	28 35	05.94- 06.96	110206	24	5.4
		02.90- 04.94	110895	28 55				
		02.90- 06.96	112159	28 80				
		09.93- 06.96	113920	28 35				
	[D2866LXF/Silent]	02.90- 04.95	110761	28 35	02.90- 04.95	111046	24	6.6
		02.90- 04.95	110895	28 55	02.90- 04.95	110206	24	5.4
					02.90- 04.95	113855	24	5.4
35.390 10.5	(TGA)[D2066LF02]	02.04-	114528*	28 120				
		02.04- 09.06	115496	28 120 A49				
		06.04- 09.06	115486	28 80 A49				
		06.04- 09.06	115492	28 110 A49				
	[D2066LF12]	02.04-	114528*	28 120				
		02.04- 09.06	115496	28 120 A49				
		10.04- 09.06	115486	28 80 A49				
		10.04- 09.06	115492	28 110 A49				
	[D2066LF32]	02.04-	114528*	28 120				
		02.04-	115486	28 80 A49				
		02.04-	115492	28 110 A49				
		02.04-	115496	28 120 A49				
35.400 10.5	(TGA)[D2066LF02]	02.04-	114528*	28 120				
		02.04-	115486	28 80 A49				
		02.04-	115492	28 110 A49				
		02.04-	115496	28 120 A49				
	[D2066LF12]	02.04-	114528*	28 120				
		02.04-	115486	28 80 A49				
		02.04-	115492	28 110 A49				
		02.04-	115496	28 120 A49				
	[D2066LF32]	02.04-	114528*	28 120				
		07.06-	115486	28 80 A49				
		07.06-	115492	28 110 A49				
		07.06-	115496	28 120 A49				
	[D2066LF37]	02.04-	113998	28 110				
		02.04-	115492	28 110 A49				
		07.06-	114007*	28 80				
		07.06-	115486	28 80 A49				
	(TGS)[D2066LF26]	10.07-	113998	28 110				
		10.07-	115492	28 110 A49				



	[D2066LF37]	10.07- 10.07- 06.08- 06.08-	113998 115492 114007* 115486	28 110 28 110 A49 28 80 28 80 A49				
	[D2066LF41]	10.07- 10.07- 06.08- 06.08-	113998 115492 114007* 115486	28 110 28 110 A49 28 80 28 80 A49				
	(TGX)[D2066LF26]	06.08- 06.08-	115486 115492	28 80 A49 28 110 A49				
	[D2066LF37]	06.08- 06.08-	115486 115492	28 80 A49 28 110 A49				
	[D2066LF41]	06.08- 06.08-	115486 115492	28 80 A49 28 110 A49				
35.402 12.0	(F 90)[D2866LF16]	05.94- 06.96 05.94- 06.96	112159 113920	28 80 28 35	05.94- 06.96	110206	24 5.4	
35.403 12.0	(F 2000)[D2866LF20]	08.95- 08.95- 08.95- 08.95- 08.95- 09.01	110895 112159 113289 113295 113920	28 55 28 80 28 90 28 55 28 35	08.95- 08.95- 08.95- 08.95-	110206 113855 111046	24 5.4 24 5.4 24 6.6	
35.410 12.0	(E2000 Evolution)[D2866LF25]				05.00-	110206	24 5.4	
	(TGA)[D2866LF28]	06.03- 05.04 10.03-	114008 113998	28 80 28 110				
35.422 12.0	(F 90)[D2866LF06]	02.90- 08.93 02.90- 04.92 02.90- 06.96 09.93- 06.96	110761 110895 112159 113920	28 35 28 55 28 80 28 35	02.90- 05.94	110206	24 5.4	
	[D2866LF09]	02.90- 08.93 02.90- 04.92 02.90- 06.96 09.93- 06.96	110761 110895 112159 113920	28 35 28 55 28 80 28 35	10.90- 06.96	110206	24 5.4	
35.430 10.5	(TGA)[D2066LF01]	02.04- 02.04- 09.06 03.04- 09.06 03.04- 09.06	114528* 115496 115486 115492	28 120 28 120 A49 28 80 A49 28 110 A49				
	[D2066LF11]	02.04- 10.04- 09.06 10.04- 09.06 10.04- 09.06	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49				
	[D2066LF31]	02.04- 02.04- 02.04- 02.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49				
35.440 10.5	(TGA)[D2066LF11]	02.04- 02.04- 02.04- 02.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49				
	[D2066LF31]	02.04- 07.06- 07.06- 07.06-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49				
	[D2066LF36]	02.04- 02.04- 02.04- 02.04- 07.06- 07.06-	114528* 115486 115492 115496 113998 114007*	28 120 28 80 A49 28 110 A49 28 120 A49 28 110 28 80				
	(TGS)[D2066LF25]	10.07- 10.07-	114528* 115496	28 120 28 120 A49				
	[D2066LF36]	10.07-	114528*	28 120				
	[D2066LF40]	10.07- 10.07-	114528* 115496	28 120 28 120 A49				
	(TGX)[D2066LF25]	06.08- 06.08-	115486 115492	28 80 A49 28 110 A49				
	[D2066LF36]	06.08- 06.08-	115486 115492	28 80 A49 28 110 A49	06.08-	115440*	24 7.0	
	[D2066LF40]	06.08- 06.08-	115486 115492	28 80 A49 28 110 A49				
35.460 12.8	(E2000 Evolution)[D2876LF03]	05.00-	113920	28 35				
	(TGA)[D2876LF04]				07.06-	110206	24 5.4	
35.463 12.8	(F 2000)[D2876LF02]	08.95- 08.95- 08.95- 08.95- 08.95- 09.01	110895 112159 113289 113295 113920	28 55 28 80 28 90 28 55 28 35	08.95- 08.95- 08.95- 08.95-	110206 113855 111046	24 5.4 24 5.4 24 6.6	
35.480 12.4	(TGA)[D2676LF01]	07.06- 07.06-	115486 115492	28 80 A49 28 110 A49				
	[D2676LF05]	07.06- 07.06- 07.06- 07.06-	113998 114007* 115486 115492	28 110 28 80 28 80 A49 28 110 A49				
	(TGS)[D2676LF05]	10.07- 10.07-	114528* 115496	28 120 28 120 A49				
	[D2676LF07]	10.07- 10.07-	114528* 115496	28 120 28 120 A49				
	[D2676LF14]	10.07- 10.07-	114528* 115496	28 120 28 120 A49				

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	(TGX)[D2676LF05]	06.08- 06.08-	115486 115492	28 80 A49 28 110 A49	06.08-	115440*	24 7.0
	[D2676LF07]	06.08- 06.08-	115486 115492	28 80 A49 28 110 A49			
	[D2676LF14]	06.08- 06.08-	115486 115492	28 80 A49 28 110 A49	06.08-	115440*	24 7.0
35.480 12.8	(TGA)[D2876LF12]	09.03- 09.06 09.03- 09.06	113998 114008	28 110 28 80	10.93- 10.03-	113855 114031	24 5.4 24 5.4
35.530 12.8	(TGA)[D2876LF13]	06.04- 03.06 06.04- 03.06	113998 114008	28 110 28 80	04.04-	113855	24 5.4
35.540 12.4	(TGS)[D2676LF06]	10.07- 10.07-	114528* 115496	28 120 28 120 A49			
	[D2676LF13]	10.07- 10.07-	114528* 115496	28 120 28 120 A49			
	(TGX)[D2676LF06]	06.08- 06.08-	115486 115492	28 80 A49 28 110 A49	06.08-	115440*	24 7.0
	[D2676LF13]	06.08- 06.08-	115486 115492	28 80 A49 28 110 A49	06.08-	115440*	24 7.0
37.310 10.5	(TGA)[D2066LF04]	12.04- 12.04- 12.04- 12.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49			
	[D2066LF35]	12.04- 12.04- 12.04- 12.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49			
37.320 10.5	(TGA)[D2066LF04]	12.04- 12.04- 12.04- 12.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49			
	[D2066LF35]	12.04- 12.04- 12.04- 12.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49			
	(TGS)[D2066LF28]	10.07- 10.07-	113998 115492	28 110 28 110 A49			
	[D2066LF39]	10.07- 10.07- 07.08- 07.08-	113998 115492 114007* 115486	28 110 28 110 A49 28 80 28 80 A49			
	[D2066LF43]	10.07- 10.07- 07.08- 07.08-	113998 115492 114007* 115486	28 110 28 110 A49 28 80 28 80 A49			
37.350 10.5	(TGA)[D2066LF03]	12.04- 12.04- 09.06 12.04- 09.06 12.04- 09.06	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49			
	[D2066LF13]	10.04- 09.06 10.04- 09.06 10.04- 09.06 12.04-	115486 115492 115496 114528*	28 80 A49 28 110 A49 28 120 A49 28 120			
	[D2066LF33]	12.04- 12.04- 12.04- 12.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49			
37.360 10.5	(TGA)[D2066LF03]	12.04- 12.04- 09.06 12.04- 09.06 12.04- 09.06	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49			
	[D2066LF13]	12.04- 12.04- 12.04- 12.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49			
	[D2066LF33]	12.04- 07.06- 07.06- 07.06-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49			
	(TGS)[D2066LF27]	10.07- 10.07-	113998 115492	28 110 28 110 A49			
	[D2066LF38]	10.07- 10.07-	113998 115492	28 110 28 110 A49			
	[D2066LF42]	10.07- 10.07-	113998 115492	28 110 28 110 A49			
37.390 10.5	(TGA)[D2066LF02]	03.04- 09.06 03.04- 09.06 03.04- 09.06 12.04-	115486 115492 115496 114528*	28 80 A49 28 110 A49 28 120 A49 28 120			
	[D2066LF12]	10.04- 09.06 10.04- 09.06 10.04- 09.06 12.04-	115486 115492 115496 114528*	28 80 A49 28 110 A49 28 120 A49 28 120			
	[D2066LF32]	12.04- 12.04- 12.04- 12.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49			



37.400 10.5	(TGA)[D2066LF02]	12.04-	114528*	28 120	12.04-	110206	24	5.4
		12.04-	115486	28 80 A49				
		12.04-	115492	28 110 A49				
		12.04-	115496	28 120 A49				
	[D2066LF12]	12.04-	114528*	28 120				
		12.04-	115486	28 80 A49				
		12.04-	115492	28 110 A49				
		12.04-	115496	28 120 A49				
	[D2066LF32]	12.04-	114528*	28 120				
		12.04-	115486	28 80 A49				
		12.04-	115492	28 110 A49				
		12.04-	115496	28 120 A49				
	(TGS)[D2066LF26]	10.07-	114007*	28 80				
		10.07-	115486	28 80 A49				
	[D2066LF37]	10.07-	114007*	28 80				
		10.07-	115486	28 80 A49				
07.08-		113998	28 110					
07.08-		115492	28 110 A49					
[D2066LF41]	10.07-	114007*	28 80					
	10.07-	115486	28 80 A49					
	07.08-	113998	28 110					
	07.08-	115492	28 110 A49					
37.410 12.0	(TGA)[D2866LF28]				12.04-	110206	24	5.4
37.430 10.5	(TGA)[D2066LF01]	03.04- 09.06	115486	28 80 A49				
		03.04- 09.06	115492	28 110 A49				
		03.04- 09.06	115496	28 120 A49				
		12.04-	114528*	28 120				
	[D2066LF11]	10.04- 09.06	115486	28 80 A49				
		10.04- 09.06	115492	28 110 A49				
		10.04- 09.06	115496	28 120 A49				
		12.04-	114528*	28 120				
	[D2066LF31]	12.04-	114528*	28 120				
		12.04-	115486	28 80 A49				
		12.04-	115492	28 110 A49				
		12.04-	115496	28 120 A49				
37.440 10.5	(TGA)[D2066LF01]	12.04-	114528*	28 120				
		12.04-	115486	28 80 A49				
		12.04-	115492	28 110 A49				
		12.04-	115496	28 120 A49				
	[D2066LF11]	12.04-	114528*	28 120				
		12.04-	115486	28 80 A49				
		12.04-	115492	28 110 A49				
		12.04-	115496	28 120 A49				
	[D2066LF31]	12.04-	114528*	28 120				
		07.06-	115486	28 80 A49				
		07.06-	115492	28 110 A49				
		07.06-	115496	28 120 A49				
	(TGS)[D2066LF25]	10.07-	114007*	28 80				
		10.07-	115486	28 80 A49				
	[D2066LF36]	10.07-	114007*	28 80				
		10.07-	115486	28 80 A49				
07.08-		113998	28 110					
07.08-		115492	28 110 A49					
[D2066LF40]	10.07-	114007*	28 80					
	10.07-	115486	28 80 A49					
	07.08-	113998	28 110					
	07.08-	115492	28 110 A49					
37.460 12.8	(TGA)[D2876LF04]				12.04-	110206	24	5.4
37.480 12.4	(TGA)[D2676LF01]	02.06-	114528*	28 120				
		02.06-	115496	28 120 A49				
		07.06-	115486	28 80 A49				
		07.06-	115492	28 110 A49				
	(TGS)[D2676LF05]	10.07-	114528*	28 120				
		10.07-	115496	28 120 A49				
	[D2676LF07]	10.07-	114528*	28 120				
		10.07-	115496	28 120 A49				
	[D2676LF14]	10.07-	114528*	28 120				
		10.07-	115496	28 120 A49				
37.540 12.4	(TGS)[D2676LF06]	10.07-	114528*	28 120				
		10.07-	115496	28 120 A49				
	[D2676LF13]	10.07-	114528*	28 120				
		10.07-	115496	28 120 A49				
39.390 10.5	(TGA)[D2066LF12]	07.06-	114528*	28 120				
		07.06-	115496	28 120 A49				
39.400 10.5	(TGA)[D2066LF37]	07.06-	114007*	28 80				
		07.06-	115486	28 80 A49				
39.430 10.5	(TGA)[D2066LF01]	07.06-	114528*	28 120				
		07.06-	115496	28 120 A49				
	[D2066LF11]	07.06-	114528*	28 120				
		07.06-	115496	28 120 A49				
39.440 10.5	(TGA)[D2066LF36]	07.06-	113998	28 110				
		07.06-	115492	28 110 A49				
39.480 12.4	(TGA)[D2676LF05]	07.06-	113998	28 110				
		07.06-	115492	28 110 A49				
40.372 12.0	(F 90)[D2866LF03]	12.91- 08.93	110761	28 35				
		12.91- 04.92	110895	28 55				
		12.91- 06.96	112159	28 80				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



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Application list

	[D2866LF05]	12.91- 08.93	110761	28 35	12.91- 06.96	110206	24 5.4
		12.91- 06.96	112159	28 80			
		09.93- 06.96	113920	28 35			
	[D2866LF15]	12.91- 06.96	112159	28 80	12.91- 06.96	110206	24 5.4
		09.93- 06.96	113920	28 35			
40.390 10.5	(TGA)[D2066LF02]	01.05- 09.06	115486	28 80 A49			
		01.05- 09.06	115492	28 110 A49			
		01.05- 09.06	115496	28 120 A49			
		06.05-	114528*	28 120			
	[D2066LF06]	06.05-	114528*	28 120			
		06.05-	115486	28 80 A49			
		06.05-	115492	28 110 A49			
		06.05-	115496	28 120 A49			
	[D2066LF37]	06.05-	114528*	28 120			
		06.05-	115486	28 80 A49			
		06.05-	115492	28 110 A49			
		06.05-	115496	28 120 A49			
40.400 10.5	(TGA)[D2066LF02]	06.05-	114528*	28 120	06.05-	110210	24 6.6
		06.05-	115486	28 80 A49			
		06.05-	115492	28 110 A49			
		06.05-	115496	28 120 A49			
	[D2066LF06]	06.05-	114528*	28 120	06.05-	110210	24 6.6
		06.05-	115486	28 80 A49			
		06.05-	115492	28 110 A49			
		06.05-	115496	28 120 A49			
	[D2066LF37]	06.05-	114528*	28 120	06.05-	110210	24 6.6
		06.05-	115486	28 80 A49			
		06.05-	115492	28 110 A49			
		06.05-	115496	28 120 A49			
	(TGS)[D2066LF06]	02.11-	113998	28 110	02.11-	115556	24 5.5
		02.11-	114007*	28 80	02.11-	115440*	24 7.0
		02.11-	114528*	28 120			
		02.11-	115486	28 80 A49			
		02.11-	115492	28 110 A49			
		02.11-	115496	28 120 A49			
	[D2066LF49]	02.11-	113998	28 110	02.11-	115556	24 5.5
		02.11-	114007*	28 80	02.11-	115440*	24 7.0
		02.11-	114528*	28 120			
		02.11-	115486	28 80 A49			
		02.11-	115492	28 110 A49			
		02.11-	115496	28 120 A49			
	[D2066LF63]	02.11-	113998	28 110	02.11-	115556	24 5.5
		02.11-	114007*	28 80	02.11-	115440*	24 7.0
		02.11-	114528*	28 120			
		02.11-	115486	28 80 A49			
		02.11-	115492	28 110 A49			
		02.11-	115496	28 120 A49			
40.402 12.0	(F 90)[D2866LF16]	05.95- 06.96	112159	28 80	05.95- 06.96	110206	24 5.4
		05.95- 06.96	113920	28 35			
40.403 12.0	(F 2000)[D2866LF20]	01.94-	110895	28 55	01.94-	110206	24 5.4
40.410 12.0	(TGA)[D2866LF28]	04.04-	113998	28 110			
		04.04- 12.05	114008	28 80			
	[D2866LF32]	04.04-	113998	28 110			
		04.04- 12.05	114008	28 80			
40.414 12.0	(F 2000)	05.01-	110895	28 55			
40.422 12.0	(F 90)[D2866LF06]	12.91- 08.93	110761	28 35	12.91- 06.96	110206	24 5.4
		12.91- 04.92	110895	28 55			
		12.91- 06.96	112159	28 80			
		09.93- 06.96	113920	28 35			
	[D2866LF09]	12.91- 08.93	110761	28 35	12.91- 06.96	110206	24 5.4
		12.91- 06.96	112159	28 80			
		09.93- 06.96	113920	28 35			
40.430 10.5	(TGA)[D2066LF01]	01.05- 09.06	115486	28 80 A49			
		01.05- 09.06	115492	28 110 A49			
		01.05- 09.06	115496	28 120 A49			
		06.05-	114528*	28 120			
	[D2066LF36]	06.05-	114528*	28 120	06.05-	115440*	24 7.0
		06.05-	115486	28 80 A49			
		06.05-	115492	28 110 A49			
		06.05-	115496	28 120 A49			
40.440 10.5	(TGA)[D2066LF01]	06.05-	114528*	28 120			
		06.05-	115486	28 80 A49			
		06.05-	115492	28 110 A49			
		06.05-	115496	28 120 A49			
	[D2066LF36]	06.05-	114528*	28 120	06.05-	115440*	24 7.0
		06.05-	115486	28 80 A49			
		06.05-	115492	28 110 A49			
		06.05-	115496	28 120 A49			
	(TGS)[D2066LF50]	02.11-	113998	28 110	02.11-	115556	24 5.5
		02.11-	114007*	28 80	02.11-	115440*	24 7.0
		02.11-	114528*	28 120			
		02.11-	115486	28 80 A49			
		02.11-	115492	28 110 A49			
		02.11-	115496	28 120 A49			





	[D2066LF62]	02.11- 02.11- 02.11- 02.11- 02.11- 02.11-	113998 114007* 114528* 115486 115492 115496	28 110 28 80 28 120 28 80 A49 28 110 A49 28 120 A49	02.11- 02.11-	115556 115440*	24 5.5 24 7.0
40.440 12.4	(TGA)[D2676LF04]	06.05- 06.05-	114528* 115496	28 120 28 120 A49			
	(TGS)[D2676LF04]	02.11- 02.11- 02.11- 02.11- 02.11-	113998 114007* 114528* 115486 115492 115496	28 110 28 80 28 120 28 80 A49 28 110 A49 28 120 A49	02.11- 02.11-	115556 115440*	24 5.5 24 7.0
40.460 12.8	(TGA)[D2876LF07]	04.04- 04.04-	113998 114008	28 110 28 80			
40.462 18.3	(F 90)[D2840LF/460]	07.89- 02.90 07.89- 02.90 07.89- 02.90	110761 110895 112159	28 35 28 55 28 80	07.89- 02.90 07.89- 02.90 07.89- 02.90	111046 110210 112120 113855	24 6.6 24 6.6 24 6.6 24 5.4
40.463 12.8	(F 2000)[D2876LF02]	01.94-	110895	28 55	01.94-	110206	24 5.4
40.480 12.4	(TGA)[D2676LF02]	06.05- 06.05- 06.05- 06.05-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49			
	[D2676LF03]	06.05- 06.05- 06.05- 06.05-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49			
	[D2676LF12]	06.05- 06.05-	114528* 115496	28 120 28 120 A49			
40.480 12.8	(TGA)[D2876LF12]	04.04- 04.04- 09.06	113998 114008	28 110 28 80	04.04-	113855	24 5.4
	[D2876LF25]	04.04- 04.04- 09.06	113998 114008	28 110 28 80	04.04-	113855	24 5.4
40.502 18.3	(F 90)[D2840LF01]	02.90- 06.96 02.90- 06.96 02.90- 06.96 02.90- 06.96	110761 110895 112159 113920	28 35 28 55 28 80 28 35	02.90- 06.96 02.90- 06.96	110210 111046	24 6.6 24 6.6
	[D2840LF04]	02.90- 06.96 02.90- 06.96 02.90- 06.96 02.90- 06.96	110761 110895 112159 113920	28 35 28 55 28 80 28 35	02.90- 06.96 02.90- 06.96	110210 111046	24 6.6 24 6.6
	[D2840LF06]	02.90- 06.96 02.90- 06.96 02.90- 06.96 02.90- 06.96	110761 110895 112159 113920	28 35 28 55 28 80 28 35	02.90- 06.96 02.90- 06.96	110210 111046	24 6.6 24 6.6
41.262 10.0	(F 90)[D2865LF/260]	07.89- 02.90 07.89- 02.90 07.89- 02.90	110761 110895 112159	28 35 28 55 28 80	07.89- 02.90 07.89- 02.90 07.89- 02.90 07.89- 02.90	112120 110206 110210 111046 113855	24 6.6 24 5.4 24 6.6 24 6.6 24 5.4
41.272 10.0	(F 90)[D2865LF02]	02.90- 12.91 02.90- 12.91 02.90- 12.91	110761 110895 112159	28 35 28 55 28 80	02.90- 12.91 02.90- 12.91 02.90- 12.91	112120 110210 110206 111046 113855	24 6.6 24 6.6 24 5.4 24 6.6 24 5.4
41.292 12.0	(F 90)[D2866LF/290]	10.88- 02.90 10.88- 02.90 10.88- 02.90	110761 110895 112159	28 35 28 55 28 80	10.88- 02.90 10.88- 02.90 10.88- 02.90	111046 110206 113855	24 6.6 24 5.4 24 5.4
41.320 10.5	(TGS)[D2066LF43]	06.08- 06.08-	114007* 115486	28 80 28 80 A49			
41.322 10.0	(F 90)[D2865LF03]	02.90- 08.93 02.90- 02.90- 06.96 09.93- 05.94	110761 110895 112159 113920	28 35 28 55 28 80 28 35	02.90- 06.96 02.90- 06.96	111046 110210	24 6.6 24 6.6
	[D2865LF06]	02.90- 08.93 02.90- 06.96 02.90- 06.96	110761 110895 112159	28 35 28 55 28 80	02.90- 06.96 02.90- 06.96	111046 110210	24 6.6 24 6.6
41.322 12.0	(F 90)[D2866LF/330]	10.88- 02.90 10.88- 02.90 10.88- 02.90	110761 110895 112159	28 35 28 55 28 80	10.88- 02.90 10.88- 02.90 10.88- 02.90	113855 110206 111046	24 5.4 24 5.4 24 6.6
41.342 10.0	(F 90)[D2865LF09]	05.94- 06.96 05.94- 06.96	110895 112159	28 55 28 80	05.94- 06.96 05.94- 06.96	110210 111046	24 6.6 24 6.6
41.343 10.0	(F 2000)[D2865LF21]	08.95- 08.95- 08.95- 09.01	110895 112159 113920	28 55 28 80 28 35	08.95- 08.95- 08.95-	110206 111046 113855	24 5.4 24 6.6 24 5.4
41.350 10.5	(TGA)[D2066LF03]	12.04- 12.04- 09.06 12.04- 09.06 12.04- 09.06 09.07-	114528* 115486 115492 115496 113998	28 120 28 80 A49 28 110 A49 28 120 A49 28 110			
	[D2066LF13]	10.04- 09.06 10.04- 09.06 10.04- 09.06 12.04-	115486 115492 115496 114528*	28 80 A49 28 110 A49 28 120 A49 28 120			

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





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Application list

	[D2066LF33]	12.04-	114528*	28 120				
		12.04-	115486	28 80 A49				
		12.04-	115492	28 110 A49				
		12.04-	115496	28 120 A49				
41.360 10.5	(TGA)[D2066LF03]	12.04-	114528*	28 120				
		12.04- 09.06	115486	28 80 A49				
		12.04- 09.06	115492	28 110 A49				
		12.04- 09.06	115496	28 120 A49				
	[D2066LF07]	09.07-	114007*	28 80				
		09.07-	115486	28 80 A49				
		12.08-	113998	28 110				
		12.08-	115492	28 110 A49				
	[D2066LF13]	12.04-	114528*	28 120				
		12.04-	115486	28 80 A49				
		12.04-	115492	28 110 A49				
		12.04-	115496	28 120 A49				
	[D2066LF33]	07.03-	115496	28 120 A49				
		12.04-	114528*	28 120				
		07.06-	115486	28 80 A49				
		07.06-	115492	28 110 A49				
	(TGS)[D2066LF27]	10.07-	114007*	28 80				
		10.07-	115486	28 80 A49				
	[D2066LF38]	10.07-	114007*	28 80				
		10.07-	115486	28 80 A49				
		07.08-	113998	28 110				
		07.08-	115492	28 110 A49				
	[D2066LF42]	10.07-	114007*	28 80				
		10.07-	115486	28 80 A49				
		07.08-	113998	28 110				
		07.08-	115492	28 110 A49				
41.360 12.0	(TGA)[D2866LF27]	12.04-	114528*	28 120				
		12.04-	115496	28 120 A49				
	[D2866LF37]	01.03-	113289	28 90	01.03-	110206	24	5.4
		01.03-	113295	28 55				
41.362 12.0	(F 90)[D2866LXF]	10.88- 02.90	110761	28 35	10.88- 02.90	113855	24	5.4
		10.88- 02.90	110895	28 55	10.88- 02.90	110206	24	5.4
		10.88- 02.90	112159	28 80	10.88- 02.90	111046	24	6.6
41.364 12.0	(F 2000)	05.01-	110895	28 55				
41.372 12.0	(F 90)[D2866LF03]	02.90- 05.94	110761	28 35	02.90- 05.94	110206	24	5.4
		02.90- 04.92	110895	28 55				
		02.90- 06.96	112159	28 80				
		09.93- 06.96	113920	28 35				
	[D2866LF05]	02.90- 05.94	110761	28 35	10.92- 11.92	110206	24	5.4
		02.90- 06.96	112159	28 80				
		10.92- 05.94	110895	28 55				
		09.93- 06.96	113920	28 35				
	[D2866LF15]	02.90- 06.96	112159	28 80	05.94- 06.96	110206	24	5.4
		09.93- 06.96	113920	28 35				
41.390 10.5	(TGA)[D2066LF02]	03.04- 09.06	115486	28 80 A49				
		03.04- 09.06	115492	28 110 A49				
		03.04- 09.06	115496	28 120 A49				
		12.04-	114528*	28 120				
		09.07-	113998	28 110				
	[D2066LF12]	10.04- 09.06	115486	28 80 A49				
		10.04- 09.06	115492	28 110 A49				
		10.04- 09.06	115496	28 120 A49				
		12.04-	114528*	28 120				
	[D2066LF32]	12.04-	114528*	28 120				
		12.04-	115486	28 80 A49				
		12.04-	115492	28 110 A49				
		12.04-	115496	28 120 A49				
41.400 10.5	(TGA)[D2066LF02]	12.04-	114528*	28 120				
		12.04-	115486	28 80 A49				
		12.04-	115492	28 110 A49				
		12.04-	115496	28 120 A49				
	[D2066LF06]	09.07-	113998	28 110				
		09.07-	115492	28 110 A49				
	[D2066LF12]	12.04-	114528*	28 120				
		12.04-	115486	28 80 A49				
		12.04-	115492	28 110 A49				
		12.04-	115496	28 120 A49				
	[D2066LF32]	12.04-	114528*	28 120				
		07.06-	115486	28 80 A49				
		07.06-	115492	28 110 A49				
		07.06-	115496	28 120 A49				
	(TGS)[D2066LF26]	10.07-	114007*	28 80				
		10.07-	115486	28 80 A49				
	[D2066LF37]	10.07-	114007*	28 80				
		10.07-	115486	28 80 A49				
	[D2066LF41]	10.07-	114007*	28 80				
		10.07-	115486	28 80 A49				
41.402 12.0	(F 90)[D2866LF16]	05.94- 06.96	112159	28 80	05.94- 05.94	110206	24	5.4
		05.94- 06.96	113920	28 35				
41.403 12.0	(F 2000)[D2866LF20]	08.95-	110895	28 55	08.95-	110206	24	5.4
		08.95-	112159	28 80	08.95-	111046	24	6.6
		08.95-	113289	28 90	08.95-	113855	24	5.4
		08.95-	113295	28 55				
		08.95- 09.01	113920	28 35				
41.410 12.0	(E2000 Evolution)[D2866LF25]				05.00-	110206	24	5.4



	(TGA)[D2866LF28]	07.06-	114008	28	80		12.04-	110206	24	5.4
41.414 12.0	(F 2000)	05.01-	110895	28	55					
41.422 12.0	(F 90)[D2866LF06]	02.90- 08.93	110761	28	35		02.90- 05.94	110206	24	5.4
		02.90- 04.92	110895	28	55					
		02.90- 06.96	112159	28	80					
		09.93- 06.96	113920	28	35					
	[D2866LF09]	02.90- 08.93	110761	28	35		02.90- 05.94	110206	24	5.4
		02.90- 06.96	112159	28	80					
		09.93- 06.96	113920	28	35					
41.430 10.5	(TGA)[D2066LF01]	06.04- 09.06	115486	28	80 A49					
		06.04- 09.06	115492	28	110 A49					
		06.04- 09.06	115496	28	120 A49					
		12.04-	114528*	28	120					
		09.07-	114007*	28	80					
	[D2066LF11]	10.04- 09.06	115486	28	80 A49					
		10.04- 09.06	115492	28	110 A49					
		10.04- 09.06	115496	28	120 A49					
		12.04-	114528*	28	120					
	[D2066LF31]	12.04-	114528*	28	120					
		12.04-	115486	28	80 A49					
		12.04-	115492	28	110 A49					
		12.04-	115496	28	120 A49					
41.440 10.5	(TGA)[D2066LF01]	12.04-	114528*	28	120					
		12.04-	115486	28	80 A49					
		12.04-	115492	28	110 A49					
		12.04-	115496	28	120 A49					
	[D2066LF11]	12.04-	114528*	28	120					
		12.04-	115486	28	80 A49					
		12.04-	115492	28	110 A49					
		12.04-	115496	28	120 A49					
	[D2066LF31]	12.04-	114528*	28	120					
		07.06-	115486	28	80 A49					
		07.06-	115492	28	110 A49					
		07.06-	115496	28	120 A49					
	[D2066LF36]	07.06-	114007*	28	80					
		07.06-	115486	28	80 A49					
	(TGS)[D2066LF25]	10.07-	113998	28	110					
		10.07-	115492	28	110 A49					
	[D2066LF36]	10.07-	113998	28	110					
		10.07-	115492	28	110 A49					
		06.08-	114007*	28	80					
		06.08-	115486	28	80 A49					
	[D2066LF40]	10.07-	113998	28	110					
		10.07-	115492	28	110 A49					
		06.08-	114007*	28	80					
		06.08-	115486	28	80 A49					
41.440 12.4	(TGA)[D2676LF04]	12.04-	114528*	28	120					
		12.04-	115496	28	120 A49					
41.460 12.8	(E2000 Evolution)[D2876LF03]	05.00-	113920	28	35					
	(TGA)[D2876LF04]						12.04-	110206	24	5.4
41.463 12.8	(F 2000)[D2876LF02]	08.95-	110895	28	55		08.95-	110206	24	5.4
		08.95-	112159	28	80		08.95-	113855	24	5.4
		08.95-	113289	28	90		08.95-	111046	24	6.6
		08.95-	113295	28	55					
		08.95- 09.01	113920	28	35					
41.464 12.8	(F 2000)[D2876LF06]	06.98-	110895	28	55					
		03.02-	110895	28	55					
41.480 12.4	(TGA)[D2676LF01]	02.06-	114528*	28	120					
		02.06-	115486	28	80 A49					
		02.06-	115492	28	110 A49					
		02.06-	115496	28	120 A49					
	[D2676LF02]	07.06-	114528*	28	120					
		07.06-	115496	28	120 A49					
	[D2676LF03]	09.07-	114528*	28	120					
		09.07-	115496	28	120 A49					
	[D2676LF05]	07.06-	114007*	28	80					
		07.06-	114528*	28	120					
		07.06-	115486	28	80 A49					
		07.06-	115496	28	120 A49					
	(TGS)[D2676LF05]	10.07-	114528*	28	120					
		10.07-	115496	28	120 A49					
	[D2676LF07]	10.07-	114528*	28	120					
		10.07-	115496	28	120 A49					
	[D2676LF14]	10.07-	114528*	28	120					
		10.07-	115496	28	120 A49					
41.480 12.8	(TGA)[D2876LF12]	06.05-	114008	28	80		06.05-	113855	24	5.4
		07.06-	113998	28	110					
41.530 12.8	(TGA)[D2876LF12]	07.06-	114008	28	80					
	[D2876LF13]	09.02-	113998	28	110		06.03-	110206	24	5.4
		06.03-	114008	28	80		09.02-	113855	24	5.4
41.540 12.4	(TGA)[D2676LF13]	11.06-	114528*	28	120					
		11.06-	115496	28	120 A49					
	(TGS)[D2676LF06]	10.07-	114528*	28	120					
		10.07-	115496	28	120 A49					
	[D2676LF13]	10.07-	114528*	28	120					
		10.07-	115496	28	120 A49					
	(TGX)[D2676LF06]	06.08-	115486	28	80 A49		06.08-	115440*	24	7.0
		06.08-	115492	28	110 A49					

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



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Application list

	[D2676LF13]	06.08- 06.08-	115486 115492	28 80 28 110	A49 A49	06.08-	115440*	24 7.0
41.660 18.3	(TGA)[D2840LF25]	04.03-	115492	28 110	A49	09.02-	110210	24 6.6
41.680 16.2	(TGX)[D2868LF03]	10.07- 10.07- 10.07- 10.07-	114528* 115486 115492 115496	28 120 28 80 28 110 28 120	120 A49 A49 A49			
48.292 12.0	(F 90)[D2866LF/290]	07.89- 02.90 07.89- 02.90 07.89- 02.90	110761 110895 112159	28 35 28 55 28 80		07.89- 02.90 07.89- 02.90 07.89- 02.90	113855 110206 111046	24 5.4 24 5.4 24 6.6
48.332 12.0	(F 90)[D2866LF/330]	07.89- 02.90 07.89- 02.90 07.89- 02.90	110761 110895 112159	28 35 28 55 28 80		07.89- 02.90 07.89- 02.90 07.89- 02.90	113855 110206 111046	24 5.4 24 5.4 24 6.6
48.362 12.0	(F 90)[D2866LXF]	07.89- 02.90 07.89- 02.90 07.89- 02.90	110761 110895 112159	28 35 28 55 28 80		07.89- 02.90 07.89- 02.90 07.89- 02.90	113855 110206 111046	24 5.4 24 5.4 24 6.6
48.462 18.3	(F 90)[D2840LF/460]	07.89- 02.90 07.89- 02.90 07.89- 02.90	110761 110895 112159	28 35 28 55 28 80		07.89- 02.90 07.89- 02.90 07.89- 02.90	111046 110210 112120	24 6.6 24 6.6 24 6.6
50.410 12.0	(E2000 Evolution)[D2866LF25]					10.00-	110206	24 5.4
50.460 12.8	(E2000 Evolution)[D2876LF03]	05.00-	113920	28 35				
10.153 F 4.6	[D0824LFL01]	10.93- 10.93- 10.93- 10.93-	110895 112159 112779# 113920	28 55 28 80 28 35 28 35		10.93- 10.93- 10.93- 10.93-	111640 113468 113759	24 4.0 24 4.0 24 4.0
	[D0824LFL05]	10.93- 10.93- 10.93- 10.93-	110895 112159 112779# 113920	28 55 28 80 28 35 28 35		10.93- 10.93- 10.93- 10.93-	111640 113759 113468	24 4.0 24 4.0 24 4.0
10.153 FA 4.6	[D0824LFL01]	10.93- 10.93- 10.93- 10.93-	110895 112159 112779# 113920	28 55 28 80 28 35 28 35		10.93- 10.93- 10.93- 10.93-	111640 113759	24 4.0 24 4.0
	[D0824LFL05]	10.93- 10.93- 10.93- 10.93-	110895 112159 112779# 113920	28 55 28 80 28 35 28 35		10.93- 10.93- 10.93- 10.93-	111640 113468 113759	24 4.0 24 4.0 24 4.0
10.223 F 10.223 FL 6.9	[D0826LFL06]	10.93- 06.96 10.93- 06.96 10.93- 06.96	110895 112159 113920	28 55 28 80 28 35		10.93- 06.96 10.93- 06.96 10.93- 06.96	111640 113468 113759 110206	24 4.0 24 4.0 24 4.0 24 5.4
10.223 FA 6.9	[D0826LFL06]	10.93- 06.96 10.93- 06.96 10.93- 06.96	110895 112159 113920	28 55 28 80 28 35		10.93- 06.96 10.93- 06.96 10.93- 06.96	111640 113468 113759 110206	24 4.0 24 4.0 24 4.0 24 5.4
10.224 F 10.224 FL 6.9	[D0826LFL03]	05.94- 05.94- 05.94- 05.94-	110895 112159 112779# 113920	28 55 28 80 28 35 28 35		05.94- 05.94- 05.94- 05.94-	111640 113468 113759 110206	24 4.0 24 4.0 24 4.0 24 5.4
10.224 FA 6.9	[D0826LFL03]	05.94- 05.94- 05.94- 05.94-	110895 112159 112779# 113920	28 55 28 80 28 35 28 35		05.94- 05.94- 05.94- 05.94-	111640 113468 113759 110206	24 4.0 24 4.0 24 4.0 24 5.4
14.192 FA 6.6	[D0826TF]	08.88- 06.90 08.88- 06.90	111146 112779#	28 55 28 35		08.88- 06.90 08.88- 06.90	113759 113468	24 4.0 24 4.0
6.90 3.8	(G)[D0224MF]	02.83- 09.87	112779#	28 35		10.79- 09.87 10.79- 09.87 07.83- 09.87 07.83- 09.87	113759 111640 113468 113479	24 4.0 24 4.0 24 4.0
8.90 3.8	(G)[D0224MF]	02.83- 09.87	112779#	28 35		10.79- 09.87 10.79- 09.87 07.83- 09.87	113759 111640 113468	24 4.0 24 4.0 24 4.0
EL 202 6.9	(EL Series)[D0826LUH]	04.94- 06.97	111842	28 140		04.94- 06.97 04.94- 06.97	113468 115345	24 4.0 24 5.4
	[D0826LUH03]	01.93- 06.97	111842	28 140		01.93- 06.97 01.93- 06.97 01.93- 06.97 01.93- 06.97	113468 110206 111640 115345	24 4.0 24 5.4 24 4.0 24 5.4
	[D0826LUH05]	04.94- 06.97	111842	28 140		01.93- 06.97 01.93- 06.97 01.93- 06.97	110206 113468 115345	24 5.4 24 4.0 24 5.4
	[D0826LUH12]	01.93- 06.97	111842	28 140		01.93- 06.97 01.93- 06.97 01.93- 06.97	113468 110206 115345	24 4.0 24 5.4 24 5.4
EL 222 6.9	(EL Series)[D0826LUH03]	01.93- 06.97	111842	28 140		01.93- 06.97 01.93- 06.97 01.93- 06.97 01.93- 06.97	113468 110206 111640 115345	24 4.0 24 5.4 24 4.0 24 5.4
	[D0826LUH05]	01.93- 06.97	111842	28 140		01.93- 06.97 01.93- 06.97 01.93- 06.97	110206 113468 115345	24 5.4 24 4.0 24 5.4
	[D0826LUH12]	01.93- 06.97	111842	28 140		01.93- 06.97 01.93- 06.97 01.93- 06.97	113468 110206 115345	24 4.0 24 5.4 24 5.4
EL 262 12.0	(EL Series)[D2866LUH22]	07.98-	111842	28 140		07.98- 07.98- 07.98- 07.98- 07.98-	110210 110206 111046 112120 113855	24 6.6 24 5.4 24 6.6 24 6.6 24 5.4



EL 262 6.9	(EL Series)[D0826LUH]	02.96- 06.98	111842	28 140	04.94- 06.97	113468	24 4.0
					04.94- 06.97	111640	24 4.0
					04.94- 06.97	115345	24 5.4
EM 11.222 6.9	[D0826LOH15]	02.96- 09.01	111842	28 140			
EM 13.222 6.9	[D0826LUH12]	06.97- 09.01	111842	28 140			
EM 192 6.9	(EM Series)[D0826LOH06]	10.93- 06.97	110895	28 55	10.93- 06.97	113468	24 4.0
		10.93- 06.97	111842	28 140	10.93- 06.97	110206	24 5.4
		10.93- 06.97	112159	28 80	10.93- 06.97	113759	24 4.0
		10.93- 06.97	113920	28 35	10.93- 06.97	111640	24 4.0
EM 222 6.9	(EM Series)[D0826LOH15]	02.96-	111842	28 140	02.96-	110206	24 5.4
					06.00- 09.00	112446	24 4.0
					02.96-	113759	24 4.0
					02.96-	113855	24 5.4
					02.96-	115345	24 5.4
	[D0826LUH12]	02.96- 09.01	111842	28 140	02.96-	113759	24 4.0
					02.96-	113855	24 5.4
EM 223 6.9	(EM Series)[D0826LOH15]	02.96- 09.01	111842	28 140	06.00- 09.01	112446	24 4.0
					02.96- 09.01	110206	24 5.4
					07.01- 09.01	111640	24 4.0
					02.96-	113759	24 4.0
					02.96-	113855	24 5.4
	[D0826LUH12]	02.96-	111842	28 140	02.96- 01.00	113468	24 4.0
					02.96-	110206	24 5.4
					02.00-	112446	24 4.0
					02.96-	113759	24 4.0
					02.96-	113855	24 5.4
FRH 422 12.0	(Lions Star)[D2866LOH20]	01.93- 09.96	111842	28 140	01.93- 09.96	110210	24 6.6
					01.93- 09.96	110206	24 5.4
					09.93- 09.96	111046	24 6.6
NG 262 10.0	(NG Series)[D2865LUH09]	06.97- 07.98	111842	28 140	06.97- 07.98	110206	24 5.4
					06.97- 07.98	110210	24 6.6
NG 262 12.0	(NG Series)[D2866LUH22]	07.98-	111842	28 140	07.98-	110206	24 5.4
					07.98-	110210	24 6.6
					07.98-	111046	24 6.6
					07.98-	112120	24 6.6
					07.98-	113855	24 5.4
NG 262 6.9	(NG Series)[D0826LUH01]				08.92- 09.95	110206	24 5.4
					08.92- 09.95	113468	24 4.0
					08.92- 07.98	113759	24 4.0
					08.92- 07.98	115345	24 5.4
NG 263 12.0	(NG Series)[D2866LUH22]	07.98- 12.01	111842	28 140	07.98- 09.01	110210	24 6.6
		07.98- 12.01	113289	28 90	07.98- 09.01	110206	24 5.4
					07.98-	111046	24 6.6
					07.98-	112120	24 6.6
					07.98-	113855	24 5.4
NG 272 6.9	(NG Series)[D0826LUH01]	08.92- 09.95	111842	28 140	08.92- 09.95	113468	24 4.0
					08.92- 09.95	110206	24 5.4
					08.92- 07.98	113759	24 4.0
					08.92- 07.98	115345	24 5.4
NG 312 10.0	(NG Series)[D2866LUH07]	09.95- 07.98	111842	28 140	09.95- 07.98	110206	24 5.4
					09.95- 07.98	110210	24 6.6
NG 312 12.0	(NG Series)[D2866LUH26]	07.98-	111842	28 140	07.98-	110206	24 5.4
					07.98-	110210	24 6.6
					07.98-	111046	24 6.6
					07.98-	112120	24 6.6
					07.98-	113855	24 5.4
NG 313 12.0	(NG Series)[D2866LUH26]	07.98- 12.01	111842	28 140	07.98- 12.01	110210	24 6.6
		07.98- 12.01	113289	28 90	07.98- 12.01	110206	24 5.4
					07.98-	111046	24 6.6
					07.98-	112120	24 6.6
					07.98-	113855	24 5.4
NL 202 6.9	(NL Series)[D0826LUH]	09.89- 04.94	111842	28 140	09.89- 03.97	113468	24 4.0
					09.89- 04.94	110206	24 5.4
					09.89- 04.94	111046	24 6.6
					04.94- 02.97	112446	24 4.0
					09.89- 04.94	113855	24 5.4
					09.89- 04.94	115345	24 5.4
	[D0826LUH03]	08.92-	111842	28 140	08.92-	110206	24 5.4
					08.92-	111046	24 6.6
					08.92-	113468	24 4.0
					08.92-	113855	24 5.4
					08.92-	115345	24 5.4
	[D0826LUH12]	11.95-	111842	28 140	11.95-	110206	24 5.4
					08.92-	111046	24 6.6
					08.92-	113855	24 5.4
					08.92-	115345	24 5.4
NL 222 6.9	(NL Series)[D0826LUH03]	08.92- 04.01	111842	28 140	08.92-	111046	24 6.6
					08.92-	113855	24 5.4
	[D0826LUH12]	08.92- 09.01	111842	28 140	11.95- 11.99	110206	24 5.4
		07.98- 09.01	113289	28 90	11.95- 11.99	113468	24 4.0
					08.92-	111046	24 6.6
					08.92-	113855	24 5.4
					08.92-	115345	24 5.4
NL 223 6.9	(NL Series)[D0826LUH03]	08.92- 04.01	111842	28 140	08.92-	111046	24 6.6
					08.92-	113855	24 5.4

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



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	[D0826LUH12]	08.92- 09.01 07.98- 09.01	111842 113289	28 140 28 90		07.98- 09.01 07.98- 09.01 07.98- 09.01 08.92- 08.92- 08.92-	112446 113468 110206 111046 113855 115345	24 4.0 24 4.0 24 5.4 24 6.6 24 5.4 24 5.4
NL 262 10.0	(NL Series)[D2865LUH09]	06.97-	111842	28 140		06.97- 06.97- 06.97- 06.97- 06.97-	110206 110210 111046 112120 113855	24 5.4 24 6.6 24 6.6 24 6.6 24 5.4
NL 262 12.0	(NL Series)[D2866LUH22]	07.98-	111842	28 140		07.98- 07.98- 07.98- 07.98- 07.98- 07.98-	110206 110210 111046 112120 113468 113855	24 5.4 24 6.6 24 6.6 24 6.6 24 4.0 24 5.4
NL 262 6.9	(NL Series)[D0826LUH]	02.96- 06.98	111842	28 140		04.94- 03.97 04.94- 04.94- 02.97 04.91-	113468 111046 112446 115345	24 4.0 24 6.6 24 4.0 24 5.4
NL 263 12.0	(NL Series)[D2866LUH22]	07.98- 09.01 11.99- 09.01	111842 113289	28 140 28 90		07.98- 09.01 07.98- 09.01 07.98- 07.98- 07.98-	110210 110206 111046 112120 113855	24 6.6 24 5.4 24 6.6 24 6.6 24 5.4
NL 263 6.9	(NL Series)[D0826LUH]	04.91- 03.97	111842	28 140		04.94- 03.97 04.94- 04.91-	113468 111046 115345	24 4.0 24 6.6 24 5.4
NL 312 10.0	(NL Series)[D2865LUH07]	11.95- 07.98	111842	28 140		11.95- 07.98 11.95- 07.98	110206 110210	24 5.4 24 6.6
NL 313 12.0	(NL Series)[D2866LUH26]	07.98- 07.98-	111842 113289	28 140 28 90		07.98- 07.98- 07.98- 07.98- 07.98-	110206 110210 111046 112120 113855	24 5.4 24 6.6 24 6.6 24 6.6 24 5.4
NM 152 4.4	(NM Series)[D0824LOH01]	04.92- 05.96 04.92- 05.96	111842 112159	28 140 28 80		04.92- 03.97 04.92- 05.96	113759 112446	24 4.0 24 4.0
NM 152 6.9	(NM Series)[D0826OH02]	05.90- 10.93 05.90- 10.93	111842 112159	28 140 28 80		05.90- 10.93 05.90- 10.93 05.90- 10.93 05.90- 10.93	111640 113468 110206 113759	24 4.0 24 4.0 24 5.4 24 4.0
NM 182 6.9	(NM Series)[D0826LOH01]	05.90- 03.97 10.93- 03.97 10.93- 03.97 10.93- 03.97	111842 110895 112159 113920	28 140 28 55 28 80 28 35		05.90- 03.97 05.90- 03.97 05.90- 03.97	110206 113468 113759	24 5.4 24 4.0 24 4.0
	[D0826TOH]	05.90- 03.97	111842	28 140		05.90- 03.97 05.90- 03.97	113468 110206	24 4.0 24 5.4
NM 192 6.9	(NM Series)[D0826LOH01]	05.90- 03.97	111842	28 140		05.90- 03.97 05.90- 03.97 05.90- 03.97	113468 110206 113759	24 4.0 24 5.4 24 4.0
	[D0826TOH]	05.90- 03.97	111842	28 140		05.90- 03.97 05.90- 03.97 05.90- 03.97	113468 110206 113759	24 4.0 24 5.4 24 4.0
NM 222 6.9	(NM Series)[D0826LOH15]	02.96- 09.01	111842	28 140		02.96- 01.00 02.96- 07.98 02.96- 02.96- 07.98 02.00- 02.96- 02.96-	113468 110206 111046 111640 112446 113759 113855	24 4.0 24 5.4 24 6.6 24 4.0 24 4.0 24 4.0 24 5.4
NM 223 6.9	(NM Series)[D0826LOH15]	07.98- 09.01	111842	28 140		08.87- 08.87- 08.87- 08.87-	113468 110206 111640 113759	24 4.0 24 5.4 24 4.0 24 4.0
	[D0826LUH12]	02.96- 09.01	111842	28 140		02.96- 01.00 02.96- 09.01 02.96- 07.98- 09.99 02.00- 09.01 02.96- 02.96- 02.96-	113468 110206 111046 111640 112446 113759 113855 115345	24 4.0 24 5.4 24 6.6 24 4.0 24 4.0 24 4.0 24 5.4 24 5.4
NÜ 263 10.0	(NÜ Series)[D2865LUH09]	09.96- 07.98 09.96- 07.98	111842 113289	28 140 28 90		09.96- 07.98 09.96- 07.98 09.96- 07.98 09.96- 07.98 09.96- 07.98	110210 110206 111046 112120 113468	24 6.6 24 5.4 24 6.6 24 6.6 24 4.0
NÜ 263 12.0	(NÜ Series)[D2866LUH22]	07.98-	111842	28 140		07.98- 07.98- 07.98- 07.98- 07.98- 07.98-	110206 110210 111046 112120 113468 113855	24 5.4 24 6.6 24 6.6 24 6.6 24 4.0 24 5.4
NÜ 263 6.9	(NÜ Series)[D0826LUH13]	07.98- 07.98-	111842 113289	28 140 28 90		07.98- 07.98- 07.98- 07.98- 07.98-	110206 111046 113468 113855 115345	24 5.4 24 6.6 24 4.0 24 5.4 24 5.4



NU 313 12.0	(NU Series)[D2866LUH26]	07.98-	111842	28 140	07.98-	110210	24 6.6
		07.98-	113289	28 90	07.98-	110206	24 5.4
					07.98-	111046	24 6.6
					07.98-	112120	24 6.6
					07.98-	113855	24 5.4
NU 313 15 12.0	(NU Series)[D2866LUH26]	07.98-	111842	28 140	07.98-	110210	24 6.6
		07.98-	113289	28 90	07.98-	110206	24 5.4
					07.98-	111046	24 6.6
					07.98-	112120	24 6.6
					07.98-	113855	24 5.4
NU 353 15 12.0	(NU Series)[D2866LUH21]	07.98-	111842	28 140	07.98-	110210	24 6.6
		07.98-	113289	28 90	07.98-	110206	24 5.4
					07.98-	111046	24 6.6
					07.98-	112120	24 6.6
					07.98-	113855	24 5.4
R 292 12.0	(R Series)[D2866TOH]	05.85- 01.93	110895	28 55	05.85- 01.93	110210	24 6.6
		05.85- 01.93	111628		05.85- 01.93	112120	24 6.6
					05.85- 01.93	111046	24 6.6
					05.85- 01.93	113855	24 5.4
	[D2866TUH]	05.85- 01.93	110895	28 55	05.85- 01.93	110210	24 6.6
		05.85- 01.93	111628		05.85- 01.93	111046	24 6.6
		05.85- 01.93	111842	28 140	05.85- 01.93	112120	24 6.6
					05.85- 01.93	113855	24 5.4
R 362 12.0	(R Series)[D2866KUH]	05.85- 12.92	111842	28 140	05.85- 12.92	110210	24 6.6
					05.85- 12.92	111046	24 6.6
					05.85- 12.92	113855	24 5.4
RH 352 12.0	(Lions Coach)[D2866LOH26]	09.95-	111842	28 140	09.95-	110206	24 5.4
					09.95-	110210	24 6.6
					09.95-	111046	24 6.6
					09.95-	113855	24 5.4
	(Lions Star)[D2866LOH26]	09.95- 11.99	111842	28 140	09.95- 11.99	110210	24 6.6
					09.95- 11.99	110206	24 5.4
					09.95-	111046	24 6.6
					09.95-	113855	24 5.4
RH 402 12.0	(Lions Coach)[D2866LOH23]	09.95-	111842	28 140	09.95-	110206	24 5.4
					09.95-	110210	24 6.6
					09.95-	111046	24 6.6
					09.95-	112120	24 6.6
					09.95-	113855	24 5.4
	(Lions Star)[D2866LOH23]	09.95-	111842	28 140	09.95-	110210	24 6.6
					09.95-	110206	24 5.4
					09.95-	111046	24 6.6
					09.95-	113855	24 5.4
RH 403 12.0	(Lions Coach)[D2866LOH23]	09.95- 09.01	111842	28 140	09.95- 09.01	110210	24 6.6
					09.95- 09.01	110206	24 5.4
					09.95-	111046	24 6.6
					09.95-	113855	24 5.4
	(Lions Star)[D2866LOH23]	09.95- 09.01	111842	28 140	09.95- 09.01	110210	24 6.6
					09.95- 09.01	110206	24 5.4
					09.95-	111046	24 6.6
					09.95-	113855	24 5.4
RH 414 12.0	(Lions Star)[D2866LOH34]	03.00-	111842	28 140	10.01-	110206	24 5.4
		03.00-	113289	28 90	10.01-	110210	24 6.6
RH 463 12.8	(Lions Coach)[D2876LOH01]	06.99- 09.01	111842	28 140	06.99- 09.01	110210	24 6.6
					06.99- 09.01	110206	24 5.4
	[D2876LOH02]	06.99- 09.01	111842	28 140	01.00-	110206	24 5.4
RH 464 12.8	(Lions Star)[D2876LOH03]	10.01-	111842	28 140	10.01-	110206	24 5.4
		10.01-	113289	28 90	10.01-	110210	24 6.6
					03.00-	111046	24 6.6
RHC 414 12.0	(Lions Coach)[D2866LOH34]	09.02-	111842	28 140	09.02-	110206	24 5.4
		09.02-	113289	28 90	09.02-	110210	24 6.6
					06.02-	111046	24 6.6
RHC 464 12.8	(Lions Coach)[D2876LOH02]				01.00-	110206	24 5.4
	[D2876LOH03]	01.00-	113289	28 90	06.99- 09.01	110206	24 5.4
RHS 414 12.0	(Lions Star)[D2866LOH34]	03.00-	111842	28 140	10.01-	110206	24 5.4
		10.01-	113289	28 90	10.01-	110210	24 6.6
RHS 464 12.8	(Lions Star)[D2876LOH03]	10.01-	111842	28 140	10.01-	110206	24 5.4
		10.01-	113289	28 90	10.01-	110210	24 6.6
		01.02- 09.06	115492	28 110 A49	03.00-	111046	24 6.6
RN 313 12.0	(Lions Comfort)[D2866LUH20]	09.96- 12.01	111842	28 140	09.96-	110210	24 6.6
					09.96-	110206	24 5.4
					09.96-	111046	24 6.6
					09.96-	112120	24 6.6
					09.96-	113855	24 5.4
	[D2866LUH26]	04.98- 12.01	111842	28 140	09.96- 12.01	110206	24 5.4
					09.96- 12.01	110210	24 6.6
					09.96-	111046	24 6.6
					09.96-	112120	24 6.6
					09.96-	113855	24 5.4
RN 353 12.0	(Lions Coach)[D2866LOH26]	09.95- 09.01	111842	28 140	09.95- 09.01	110210	24 6.6
					09.95- 09.01	110206	24 5.4
					09.95-	111046	24 6.6
					09.95-	113855	24 5.4
	(Lions Comfort)[D2866LUH21]	06.97- 03.98	111842	28 140	06.97-	110206	24 5.4
					06.97-	110210	24 6.6
					06.97-	111046	24 6.6
					06.97-	112120	24 6.6
					06.97-	113855	24 5.4

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

MAN Continued

SD 200 11.0	(SD Series)[D2556MXUH/175]				04.74- 09.75	110210	24	6.6	
					04.74- 09.75	111046	24	6.6	
					04.74- 09.75	112120	24	6.6	
	[D2556MXUH/192]				04.74- 09.75	110210	24	6.6	
					04.74- 09.75	112120	24	6.6	
SD 200 11.4	(SD Series)[D2566MUH/175]	07.80- 11.86	111629	28 120	10.75- 04.80	110210	24	6.6	
					10.75- 04.80	111046	24	6.6	
					10.75- 04.80	112120	24	6.6	
					10.75- 04.80	113855	24	5.4	
		[D2566MUH/192]	07.80- 11.86	111629	28 120	10.75- 11.86	110210	24	6.6
						10.75- 11.86	111046	24	6.6
						10.75- 11.86	112120	24	6.6
						10.75- 11.86	113855	24	5.4
		[D2566MUH/200]	07.80- 11.86	111629	28 120	05.80- 11.86	110210	24	6.6
			01.84- 11.86	111842	28 140	10.75- 11.86	112120	24	6.6
						10.75- 11.86	111046	24	6.6
						10.75- 11.86	113855	24	5.4
	[D2566MUH/220]	07.80- 11.86	111629	28 120	06.79- 12.86	110210	24	6.6	
					06.79- 12.86	111046	24	6.6	
					06.79- 12.86	112120	24	6.6	
					06.79- 12.86	113855	24	5.4	
	[D2566UH]	07.80- 11.86	111629	28 120	10.85- 04.94	110210	24	6.6	
		10.85- 04.91	111842	28 140	10.85- 04.94	112120	24	6.6	
					10.85- 04.94	111046	24	6.6	
					10.85- 04.94	113855	24	5.4	
SG 220 11.4	(SG Series)[D2566MUH]	05.80- 01.86	111628		05.80- 01.86	111046	24	6.6	
		07.80- 01.85	111629	28 120	05.80- 01.86	110210	24	6.6	
		01.84- 01.86	111842	28 140	05.80- 01.86	112120	24	6.6	
					05.80- 01.86	113855	24	5.4	
		[D2566MUM]	07.76- 01.85	111628		07.76- 01.85	112120	24	6.6
			07.80- 01.85	111629	28 120	07.76- 01.85	110210	24	6.6
			01.84- 01.85	111842	28 140	07.76- 01.85	111046	24	6.6
						07.76- 01.85	113855	24	5.4
						07.76- 01.85	113855	24	5.4
SG 240 11.4	(SG Series)[D2566MTUH]	07.80- 01.86	111629	28 120	09.81- 01.86	110210	24	6.6	
		09.81- 01.86	111628		09.81- 01.86	111046	24	6.6	
					05.80- 01.86	111046	24	6.6	
					05.80- 01.86	110210	24	6.6	
					05.80- 01.86	113855	24	5.4	
	[D2566MUH]	05.80- 01.86	111628		05.80- 01.86	111046	24	6.6	
		07.80- 01.86	111629	28 120	05.80- 01.86	110210	24	6.6	
					05.80- 01.86	113855	24	5.4	
SG 240 12.0	(SG Series)[D2866TUH]	07.80- 01.86	111629	28 120	11.84- 09.89	112120	24	6.6	
		11.84- 09.89	110895	28 55	11.84- 09.89	110210	24	6.6	
		11.84- 09.89	111628		11.84- 09.89	113855	24	5.4	
		11.84- 09.89	111842	28 140	11.84- 09.89	111046	24	6.6	
					11.84- 09.89	113855	24	5.4	
		[D2866UH]	07.80- 01.86	111629	28 120	09.85- 04.94	110210	24	6.6
			09.85- 04.94	111628		09.85- 04.94	111046	24	6.6
			09.85- 04.94	111842	28 140	09.85- 04.94	112120	24	6.6
						09.85- 04.94	113855	24	5.4
SG 242 11.4	(SG Series)[D2566MUH]	05.80- 01.86	111628		05.80- 01.86	111046	24	6.6	
		07.80- 01.86	111629	28 120	05.80- 01.86	110210	24	6.6	
					05.80- 01.86	113855	24	5.4	
					05.80- 01.86	113855	24	5.4	
SG 242 12.0	(SG Series)[D2866TOH]	07.80- 01.86	111629	28 120	09.85- 04.94	112120	24	6.6	
		09.85- 04.94	110895	28 55	09.85- 04.94	110206	24	5.4	
		09.85- 04.94	111628		09.85- 04.94	111046	24	6.6	
		09.85- 04.94	111842	28 140	09.85- 04.94	113855	24	5.4	
		[D2866TUH]	07.80- 01.86	111629	28 120	09.85- 04.94	110210	24	6.6
			09.85- 04.94	111628		09.85- 04.94	111046	24	6.6
			09.85- 04.94	111842	28 140	09.85- 04.94	112120	24	6.6
						09.85- 04.94	113855	24	5.4
		[D2866UH]	07.80- 01.86	111629	28 120	09.85- 04.94	110210	24	6.6
			09.85- 04.94	111628		09.85- 04.94	111046	24	6.6
			04.88- 04.94	111842	28 140	09.85- 04.94	112120	24	6.6
						08.85- 04.94	113855	24	5.4
SG 292 12.0	(SG Series)[D2866TOH]	09.85- 04.94	110895	28 55	04.92- 04.93	110206	24	5.4	
					09.85- 04.94	111046	24	6.6	
					09.85- 04.94	112120	24	6.6	
					09.85- 04.94	113855	24	5.4	
		[D2866TUH]	11.84- 04.94	110895	28 55	11.84- 04.94	110210	24	6.6
		04.88- 04.94	111842	28 140	11.84- 04.94	112120	24	6.6	
					09.85- 04.94	111046	24	6.6	
					11.84- 04.94	113855	24	5.4	
SG 312 10.0	(SG Series)[D2865LUH07]	04.94- 06.97	111842	28 140	02.96- 06.97	110206	24	5.4	
					02.96- 06.97	110210	24	6.6	
					02.94- 06.97	110206	24	5.4	
					02.94- 06.97	110210	24	6.6	
	[D2865LUH08]	04.94- 06.97	111842	28 140	02.94- 06.97	110206	24	5.4	
					02.94- 06.97	110210	24	6.6	
SG 322 10.0	(SG Series)[D2865LUH07]	04.94- 06.97	111842	28 140	02.94- 06.97	110206	24	5.4	
					02.94- 06.97	110210	24	6.6	
					04.94- 06.97	110206	24	5.4	
					04.94- 06.97	110210	24	6.6	
	[D2865LUH08]	04.94- 06.97	111842	28 140	04.94- 06.97	110206	24	5.4	
					04.94- 06.97	110210	24	6.6	
SL 200 11.4	(SL Series)[D2566MUH]	05.80- 04.87	111628		05.80- 04.87	111046	24	6.6	
		07.80- 04.87	111629	28 120	05.80- 04.87	110210	24	6.6	
		01.84- 01.86	111842	28 140	05.80- 04.87	112120	24	6.6	
					05.80- 04.87	113855	24	5.4	
		[D2566UH]	05.80- 04.87	111628		05.80- 04.87	111046	24	6.6
			07.80- 04.87	111629	28 120	05.80- 04.87	110210	24	6.6
		01.84- 04.87	111842	28 140	05.80- 04.87	112120	24	6.6	
					05.80- 04.87	113855	24	5.4	
SL 200 12.0	(SL Series)[D2866UH]	07.80- 04.87	111629	28 120	01.86- 04.87	110210	24	6.6	
		01.86- 04.87	111628		01.86- 04.87	111046	24	6.6	
		01.86- 04.87	111842	28 140	01.86- 04.87	112120	24	6.6	
					01.86- 04.87	113855	24	5.4	
					01.86- 04.87	113855	24	5.4	





SL II 202 11.4	(SL Series)[D2566UH]	06.84- 04.93	111842	28 140	06.84- 04.93	110210	24 6.6	
					06.84- 04.93	111046	24 6.6	
					06.84- 04.93	112120	24 6.6	
					06.84- 04.93	113855	24 5.4	
SL II 202 12.0	(SL Series)[D2866UH]	06.84- 04.94	111842	28 140	06.84- 04.94	110210	24 6.6	
					06.84- 04.94	111046	24 6.6	
					06.84- 04.94	112120	24 6.6	
					06.84- 04.94	113855	24 5.4	
SM 152 6.9	(SM Series)[D0826OH02]	11.87- 04.94	111842	28 140	11.87- 04.94	113468	24 4.0	
					11.87- 04.94	111640	24 4.0	
					11.87- 04.94	113759	24 4.0	
SM 182 6.9	(SM Series)[D0826LOH01]	11.87- 02.95	111842	28 140	11.87- 02.95	113468	24 4.0	
					11.87- 02.95	111046	24 6.6	
					11.87- 02.95	111640	24 4.0	
					11.87- 02.95	113759	24 4.0	
					11.87- 02.95	113855	24 5.4	
					[D0826TOH]	11.87- 02.95	111046	24 6.6
						11.87- 02.95	111640	24 4.0
						11.87- 02.95	113468	24 4.0
						11.87- 02.95	113759	24 4.0
	11.87- 02.95	113855	24 5.4					
SM 192 6.9	(SM Series)[D0826LOH01]	11.87- 02.95	110895	28 55	11.87- 02.95	113468	24 4.0	
					11.87- 02.95	111842	28 140	
					11.87- 02.95	112159	28 80	
					11.87- 02.95	113920	28 35	
					[D0826TOH]	11.87- 02.95	113920	28 35
						11.87- 02.95	113468	24 4.0
						11.87- 02.95	110206	24 5.4
						11.87- 02.95	111640	24 4.0
SR 240 11.4	(SR Series)[D2566MUH/240]	10.75- 06.83 05.80- 11.86	111628 111629	28 120	10.75- 06.83	112120	24 6.6	
					10.75- 06.83	110210	24 6.6	
					10.75- 06.83	111046	24 6.6	
					10.75- 06.83	113855	24 5.4	
SR 280 11.4	(SR Series)[D2566MTUH]	01.77- 11.86 05.80- 11.86 01.84- 11.86	111628 111629 111842	28 120 28 140	01.77- 11.86	111046	24 6.6	
					01.77- 11.86	110210	24 6.6	
					01.77- 11.86	112120	24 6.6	
					01.77- 11.86	113855	24 5.4	
SR 321 11.4	(SR Series)[D2566MKUH]	01.84- 11.86	111842	28 140	03.82- 11.86	110210	24 6.6	
					03.82- 11.86	111046	24 6.6	
					03.82- 11.86	113855	24 5.4	
SÜ 240 11.4	(SÜ Series)[D2566MTUH]	06.80- 09.89 11.82- 01.86	111629 111628	28 120	06.80- 09.89	110210	24 6.6	
					11.82- 01.86	111046	24 6.6	
					[D2566MUH]	10.75- 01.86	111628	24 6.6
						10.75- 01.86	110210	24 6.6
						10.75- 01.86	111046	24 6.6
SÜ 240 12.0	(SÜ Series)[D2866TOH]	01.86- 09.89 01.86- 09.89 04.88- 09.89	110895 111628 111842	28 55 28 140	01.86- 09.89	110895	28 55	
					01.86- 09.89	110210	24 6.6	
					01.86- 09.89	111046	24 6.6	
					[D2866UH]	06.80- 09.89	111629	28 120
						01.86- 09.89	111628	28 120
SÜ 242 12.0	(SÜ Series)[D2866UH]	01.87- 04.93 04.88- 04.93	111628 111842	28 140	01.87- 04.93	111046	24 6.6	
					01.87- 04.93	110210	24 6.6	
SÜ 263 12.0	(SÜ Series)[D2866LUH25]	09.03- 09.03-	111842 115492	28 140 28 110 A49	09.03-	110206	24 5.4	
					09.03-	110210	24 6.6	
SÜ 272 10.0	(SÜ Series)[D2865LUH02]	04.93- 05.95 04.93- 05.95	111628 111842	28 140	04.93- 05.95	110210	24 6.6	
					04.93- 05.95	110206	24 5.4	
SÜ 283 6.9	(SÜ Series)[D0836LOH02]	06.04- 06.04- 06.04-	111842 113289 113295	28 140 28 90 28 55	06.04-	110206	24 5.4	
					06.04-	113759	24 4.0	
					06.04-			
SÜ 292 12.0	(SÜ Series)[D2866TOH]	04.92- 07.92 04.92- 04.93	110895 111628	28 55	04.92- 07.92	110206	24 5.4	
					04.92- 04.93			
SÜ 313 12.0	(SÜ Series)[D2866LUH24]	06.04- 09.06	115492	28 110 A49	06.04-	110206	24 5.4	
					06.04-	110210	24 6.6	
SÜ 322 10.0	(SÜ Series)[D2865LUH08]	05.95- 06.97 05.95- 06.97	111628 111842	28 140	05.95- 06.97	110210	24 6.6	
					05.95- 06.97	110206	24 5.4	
Various Models			114365	28 140		110206	24 5.4	
						110210	24 6.6	
						112446	24 4.0	
						113468	24 4.0	
UL 272 10.0	(UL Series)[D2865LUH02]	03.93- 07.94	111842	28 140	03.93- 07.94	110206	24 5.4	
					03.93- 07.94	110210	24 6.6	
					07.94- 09.95	110206	24 5.4	
UL 292 12.0	(UL Series)[D2866TUH01]	09.89- 03.93 11.92- 03.93	110895 111842	28 55 28 140	09.89- 03.93	110210	24 6.6	
UL 312 10.0	(UL Series)[D2865LUH07]	04.92- 09.96	111842	28 140	09.95- 09.96	110206	24 5.4	
					09.95- 09.96	110210	24 6.6	
					[D2865LUH08]	04.92- 09.96	111842	28 140
					04.92- 09.96	110206	24 5.4	
					04.92- 09.96	110210	24 6.6	
UL 313 12.0	(UL Series)[D2866LUH20]	09.96- 09.01	111842	28 140	09.96- 09.01	110210	24 6.6	
					09.96- 09.01	110206	24 5.4	
					09.96-	113855	24 5.4	
					[D2866LUH26]	09.96- 09.01	111842	28 140
					09.96- 09.01	110206	24 5.4	
					09.96- 09.01	110210	24 6.6	
					09.96-	113855	24 5.4	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

**MAN Continued**

UL 322 10.0	(ÜL Series)[D2865LUH07]	04.92- 09.96	111842	28	140	04.92- 09.96	110206	24	5.4
	[D2865LUH08]	04.92- 09.96	111842	28	140	04.92- 09.96	110210	24	6.6
UL 342 12.0	(ÜL Series)[D2866UH/240]	11.92- 03.93	111842	28	140	04.92- 09.96	110206	24	5.4
UL 353 12.0	(ÜL Series)[D2866LUH21]	06.97- 12.01	111842	28	140	04.92- 09.96	110210	24	6.6
						06.97- 12.01	110206	24	5.4
						06.97-	113855	24	5.4

**Mariner**

<b>MARINE</b>									
200 2.5						01.00- 01.00	112825#	12	
225 3.0						01.94- 01.00	112825#	12	
250 3.0						01.95- 01.00	112825#	12	
Various Models						01.98- 01.01	113592	12	
						01.98- 01.00	113591	12	
							110648	12	0.7
						01.99- 01.01	112830	12	

**Marshall**

<b>AGRICULTURE</b>									
D 100 5.2 Diesel	[WD611.88]	01.90- 09.94	113469	14	33				
D 135 6.6 Diesel	[WD612.87]	01.90-	110881	14	55				
		01.90- 09.94	113469	14	33				
D 150 6.6 Diesel	[WD612.86]	01.90-	110881	14	55				
		01.90- 09.94	113469	14	33				
D 642 3.5 Diesel	[WD411.44]	01.90-	110881	14	55				
		01.90- 09.94	113469	14	33				
D 644 3.5 Diesel	[WD411.44]	01.90-	110881	14	55				
		01.90- 09.94	113469	14	33				
D 742 3.5 Diesel	[WD411.90]	01.90-	110881	14	55				
		01.90- 09.94	113469	14	33				
D 744 3.5 Diesel	[WD411.90]	01.90-	110881	14	55				
		01.90- 09.94	113469	14	33				
D 842 3.5 Diesel	[WD411.88]	01.90-	110881	14	55				
		01.90- 09.94	113469	14	33				
D 844 3.5 Diesel	[WD411.88]	01.90-	110881	14	55				
		01.90- 09.94	113469	14	33				
D 944 5.2 Diesel	[WD611.43]	01.90- 09.94	113469	14	33				
Various Models		10.94-	110881	14	55				
		01.90-	113469	14	33				

**Massey Ferguson**

<b>AGRICULTURE</b>									
152		01.81- 01.89	111948	14	70				
184		01.85- 01.89	110770	14	55	01.85- 01.89	111346	12	2.8
194		01.82-	111948	14	70				
240 2.5		01.77-	110970	14	65	01.79- 12.88	110819	12	2.8
		01.79- 12.88	111948	14	70	01.79- 12.88	110439	12	2.0
245 2.5		01.77-	110970	14	65	01.77- 12.88	110819	12	2.8
		01.79- 12.88	111948	14	70	01.72- 12.78	112268	12	2.8
						01.77- 12.88	110439	12	2.0
254 2.5		01.73- 12.88	110178	14	36	01.82- 01.87	110460	12	2.8
		01.84-	110770	14	55	01.73- 12.78	112268	12	2.8
		Perkins AD3.152 01.77-	110970	14	65				
		01.79- 12.88	111948	14	70				
255 2.5		01.77-	110970	14	65	01.77- 12.88	110819	12	2.8
		01.77- 12.88	111948	14	70	01.72- 12.78	112268	12	2.8
260 3.3		01.72- 01.75	111948	14	70	01.77- 12.88	110439	12	2.0
		01.77-	110970	14	65				
265		01.70-	110970	14	65				
		01.81- 12.88	111948	14	70				
274 3.9		01.84-	110770	14	55	01.82- 01.86	110460	12	2.8
		01.77-	110970	14	65	01.83- 12.88	110565	12	2.8
		01.83- 12.88	111948	14	70				
275		01.77-	110970	14	65				
		01.75- 12.88	111948	14	70				
284 3.9		01.75-	110970	14	65				
		01.79- 12.88	111948	14	70				
285		01.77-	110970	14	65	01.79- 12.88	110442	12	2.1
		01.79- 12.88	111948	14	70	A13 01.79- 12.88	111346	12	2.8
290		01.80-	111948	14	70				
294		01.84-	110770	14	55				
298		01.80- 01.86	111948	14	70	01.80-	110442	12	2.1
						01.80-	111346	12	2.8
350		01.86- 01.92	111355	14	65	01.86- 01.92	110439	12	2.0
		01.86- 01.92	110770	14	55	01.86-	110819	12	2.8
354		01.92- 01.97	111289	14	70				
355		01.86- 01.92	111355	14	65	01.86-	110819	12	2.8
		01.86- 01.92	110770	14	55	01.86- 01.92	110439	12	2.0
360		01.87- 01.90	111355	14	65	01.83-	110819	12	2.8
		01.87- 01.90	110770	14	55				
362		01.88-	111355	14	65				
364		01.92- 01.97	111289	14	70				
365		01.86- 01.90	111355	14	65	01.86- 01.90	110442	12	2.1
		01.86- 01.90	110770	14	55	A13 01.86- 01.90	111346	12	2.8
375		01.86- 01.97	110770	14	55	A13 01.86- 01.97	111346	12	2.8
		01.86- 01.97	111355	14	65	01.86- 01.97	110442	12	2.1
383		01.86-	110770	14	55	01.83-	110442	12	2.1
						01.83-	111346	12	2.8



390		01.86- 01.97	111355	14	65		01.86- 01.97	110442	12	2.1
		01.86- 01.97	110770	14	55		A13 01.86- 01.97	111346	12	2.8
398		01.83- 01.84	111355	14	65		01.83- 01.84	110442	12	2.1
		01.83- 01.84	110770	14	55		A13 01.83- 01.84	111346	12	2.8
399		01.86- 01.90	110770	14	55		01.90- 01.96	111737	12	2.8
		01.86- 01.90	111355	14	65		01.86- 01.90	110442	12	2.1
							A13 01.86- 01.90	111346	12	2.8
550			110107	14	55		01.74- 01.81	110439	12	2.0
		01.78- 01.92	111736#	14	90		01.74- 01.81	110819	12	2.8
565		01.82- 12.88	111948	14	70					
		01.82- 12.88	110107	14	55					
575		01.81- 12.88	111948	14	70					
		01.81- 12.88	110107	14	55					
685							01.69- 01.71	110443	12	2.1
698		01.81-	110107	14	55		01.83-	110442	12	2.1
		01.83-	110770	14	55		A13 01.83-	111346	12	2.8
699		01.83-	110770	14	55		01.83-	110442	12	2.1
		01.83-	113474	14	65		01.83-	111346	12	2.8
850		01.81- 01.90	111736#	14	90					
860		01.81- 01.90	111736#	14	90					
865		01.81- 01.90	111736#	14	90					
1014		01.83-	110770	14	55					
			111185	14	43	A47				
1114		01.84-	110770	14	55					
1134		01.84-	110770	14	55					
1200	[Kohler]		111185	14	43	A47	01.71- 01.82	110814	12	2.7
							01.71- 01.79	111737	12	2.8
1250		01.79-	113474	14	65		01.79-	111346	12	2.8
2640		04.82-	110970	14	65		01.79- 01.85	112136	12	2.8
		01.81- 01.85	111948	14	70					
		01.81- 01.85	110107	14	55					
3055	[Perkins]						01.94- 01.97	110615	12	2.8
3075	[Perkins]						01.94- 01.97	110615	12	2.8
3085		01.88- 01.93	112722	14	70		01.92- 01.93	111737	12	2.8
							01.88-	110443	12	2.1
3085		01.92-	111355	14	65					
3095		01.90-	111355	14	65					
3115		01.90-	111355	14	65					
3120	[Perkins]						01.90- 01.97	110615	12	2.8
3125		01.90-	111355	14	65					
3140	[Perkins]						01.90- 01.95	110615	12	2.8
3635		01.92- 01.95	111940#	14	70		01.92- 01.95	110443	12	2.1
3645		01.86- 01.91	111355	14	65		01.89- 01.91	110615	12	2.8
		01.89- 01.91	112722	14	70					
3650		01.86- 01.90	111948	14	70		01.86- 01.90	112136	12	2.8
		01.86- 01.90	110107	14	55					
3655		01.90- 01.95	112722	14	70		01.90- 01.94	111737	12	2.8
							01.90- 01.95	110615	12	2.8
3660	[Perkins]						01.90- 01.95	110615	12	2.8
3670	[Valment]						01.92- 01.94	110615	12	2.8
3680 7.4	[612DS]	06.88-	111355	14	65	LU	06.88-	110615	12	2.8
		06.88-	111948	14	70	PR	06.89- 01.91	111737	12	2.8
3690	[Valment]						01.93- 01.97	110615	12	2.8
3890	[Valment]						01.87- 01.92	110615	12	2.8
4225		01.97-	110770	14	55					
4235		01.97-	110770	14	55					
4240		01.97-	110770	14	55					
4245		01.97- 01.00	110770	14	55					
		01.97- 01.00	111355	14	65					
4255		01.97- 01.00	111355	14	65		01.97- 01.00	111346	12	2.8
4260		01.97-	110770	14	55					
4265		01.97-	110770	14	55					
4270		01.97-	110770	14	55		01.97-	110565	12	2.8
6110		01.92-	111940#	14	70					
		01.92-	113961	14	120					
6120		01.92-	111940#	14	70					
		01.92-	113961	14	120					
6130		01.92-	111940#	14	70					
		01.92-	113961	14	120					
6140		01.92-	111940#	14	70					
		01.92-	113961	14	120					
6150		01.92-	111940#	14	70					
		01.92-	113961	14	120					
6160		01.96-	111940#	14	70	PR				
		01.96-	112722	14	70	LU				
		01.96-	113961	14	120					
6170	[6.365]	01.96-	111940#	14	70	PR	01.96-	110615	12	2.8
		01.96-	112722	14	70	LU				
		01.96-	113961	14	120					
6180	[6.365]	01.96-	111940#	14	70	PR	01.96-	110615	12	2.8
		01.96-	112722	14	70	LU				
		01.96-	113961	14	120					
6190		01.96-	111940#	14	70	PR	01.95- 01.98	110615	12	2.8
		01.96-	112722	14	70	LU				
		01.96-	113961	14	120					
6235			113961	14	120	VA		110439	12	2.0
			114049	14	120	IS				
6245			114049	14	120	IS		110439	12	2.0
			113961	14	120	VA				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



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**MASSEY FERGUSON** *Continued*

6255			114049	14 120 IS		110439	12 2.0
			113961	14 120 VA			
6260			113961	14 120			
6270			114049	14 120 IS	01.99- 01.00	110615	12 2.8
			113961	14 120 VA			
6280		01.99-	112722	14 70	01.99- 01.00	110615	12 2.8
		01.99-	113961	14 120 VA			
		01.99-	114049	14 120 IS			
6290		01.99-	112722	14 70	01.99- 01.00	110615	12 2.8
		01.99-	113961	14 120			
8110		01.96-	111940#	14 70			
		01.96-	113961	14 120			
8120	[6.365]	01.96-	111940#	14 70	01.96-	110615	12 2.8
		01.96-	113961	14 120			
8130		01.96-	111940#	14 70			
		01.96-	113961	14 120			
8140	[6.403]	01.96-	111940#	14 70	01.96-	110615	12 2.8
		01.96-	113961	14 120			
8150	[6.403]	01.96-	111940#	14 70	01.96-	110615	12 2.8
		01.96-	113961	14 120			
8160	[6.451]	01.96-	111940#	14 70	01.96-	110615	12 2.8
		01.96-	113961	14 120			
8170			113961	14 120			
8180			113961	14 120			
8210			113961	14 120	01.99- 01.00	110615	12 2.8
8220			113961	14 120	01.99- 01.00	110615	12 2.8
8240		01.99-	113961	14 120	01.99-	110615	12 2.8
8240			113961	14 120	01.99-	111737	12 2.8
						110615	12 2.8
8250		01.99-	113961	14 120	01.99-	110615	12 2.8
8250		01.99-	113961	14 120	01.99-	111737	12 2.8
					01.99-	110615	12 2.8
8260		01.99-	113961	14 120	01.99-	110615	12 2.8
8260			113961	14 120	01.99-	111737	12 2.8
						110615	12 2.8
8270		01.99-	113961	14 120	01.99-	110615	12 2.8
					01.99-	111737	12 2.8
8280		01.99-	113961	14 120	01.99-	110615	12 2.8
					01.99-	111737	12 2.8
8560		01.86- 01.88	111736#	14 90			
			113961	14 120			
8570		01.90- 01.92	111736#	14 90			
			113961	14 120			
8590		01.85- 01.92	111736#	14 90			
			113961	14 120			
9270		01.92-	111736#	14 90			
9720		01.87- 01.92	111736#	14 90			
216 GTX	[Kohler]				01.91- 01.94	113230#	12 0.7
218 GTX	[Kohler]				01.91- 01.94	113230#	12 0.7
390 T		01.91- 01.97	111355	14 65	01.91- 01.97	110442	12 2.1
		01.91- 01.97	110770	14 55	A13 01.91- 01.97	111346	12 2.8
MF 6485 6.6	[66.CTA]		114671	14 120			
MF 6490 6.6	[66.CTA]		114671	14 120			
MF 6497 6.6	[66.CTA]		114671	14 120			
MF 6499 7.4	[74.CTA]		114671	14 120			
MF 7485 6.6	[66.CTA]		114671	14 120			
MF 7490 6.6	[66.CTA]		114671	14 120			
MF 7495 6.6	[66.CTA]		114671	14 120			
MF 8450 7.4			114671	14 120			
MF 8460 7.4			114671	14 120			
MF 8470 8.4			114671	14 120			
MF 8480 8.4			114671	14 120			
Various Models			113961	14 120	01.69- 01.81	110439	12 2.0
		01.76- 12.83	112989	14 60	01.70-	110565	12 2.8
		01.51-	114360	14 70	01.73- 01.78	111346	12 2.8
		01.77-	111948	14 70	01.91- 01.94	111012	12 0.5
		01.73-	110107	14 55	01.50-	111024#	12 3.6
		01.73-	111184	14 43	01.71- 01.79	111737	12 2.8
		01.83- 01.89	110770	14 55	01.73- 01.81	112313	12 0.5
		01.79- 01.83	110178	14 36	01.68- 01.77	110449	12 3.6
		01.81- 01.92	111736#	14 90	01.79-	112136	12 2.8
			110970	14 65	01.69- 01.77	110615	12 2.8
					01.69- 01.73	110443	12 2.1
					01.82- 01.92	110460	12 2.8
					01.69-	110819	12 2.8
					01.51-	110818	12 2.1
<b>Matbro</b>							
<b>AGRICULTURE</b>							
Various Models						110462	12 2.8
						113269	12 3.0
						110442	12 2.1
						110443	12 2.1
<b>Mazda</b>							
<b>PASSENGER CARS EU</b>							
2 1.3	[FUJA]	AC 04.03-	114129	14 90			
2 1.4 16V	[FXJA]	AC 04.03-	114129	14 90	04.03-	111906	12 1.1
2 1.4 CD	[F6JA]	04.03-	113912	14 80			
		04.03-	114128	14 150			
2 1.4 diesel MZR		01.08-	114724	14 150			



2 1.6 16V	[FYJA]	AC 04.03-	114129	14	90							
2 1.6 CD MZ								10.08-	113905	12	1.4	
3 1.3	[ZJ-VE]	10.03-	114358	14	110							
3 1.4	[FXJA]	02.04-	114358	14	110							
3 1.6	[B6ZE]	10.03-	114358	14	110							
	[Z6]	02.04-	114358	14	110							
3 1.6 Diesel MZR-CD	[BL][Y6]							11.10-	113908	12	1.2	
								11.10-	113908	12	1.2	
3 1.6 MZR-CD	[BL][Y601]	06.09-	113849	14	150			06.09-	113908	12	1.2	
		06.09-	113922	14	120							
		06.09-	113922	14	120			06.09-	113908	12	1.2	
3 1.6 TD	[Y601]	06.04-	113849	14	150			06.04-	113908	12	1.2	
		06.04-	113922	14	120							
3 1.6 Turbo Di	[Y601]	06.04-	113849	14	150			10.03- 03.07	113908	12	1.2	
		06.04-	113922	14	120							
3 2.0	[LF17]							10.03-	113795	12	1.0	
3 2.0 CD MRZ	[BK12][RF7J]	12.06-	114111	14	90			12.06-	114059	12	2.3	
	[BK14][RF7J]	12.06-	114111	14	90			12.06-	114059	12	2.3	
3 2.3 MPS	[BK14][L3N9]							12.06- 01.07	113819	12	1.4	
5 1.6 CD	[CR19, CW][Y6]							09.10-	113908	12	1.2	
5 1.8	[L823]							03.05-	113795	12	1.0	
5 2.0	[LFF7]							03.05-	113795	12	1.0	
5 2.0 Diesel Di	[RF7J]	06.05-	114111	14	90			06.05-	114059	12	2.3	
		03.05-	114111	14	90			03.05-	114059	12	2.3	
6 1.8	[GG][L813]	AC 08.02-	113348	14	90			08.02-	113795	12	1.0	
	[GY][L813]	AC 08.02-	113348	14	90			08.02-	113795	12	1.0	
6 1.8 MRZ	[GH][L813]	08.07-	114865	14	100							
6 2.0	[GG][LF17]	06.02-	113348	14	90			08.02-	113795	12	1.0	
		AC 08.02-	113348	14	90							
	[LF18]	08.02-	113348	14	90			06.02-	113795	12	1.0	
		AC 06.02-	113348	14	90							
	[LFF7]	03.05-	114865	14	100			03.05-	113795	12	1.0	
	[GY][LF17]	AC 08.02-	113348	14	90			08.02-	113795	12	1.0	
	[LF18]	08.02-	113348	14	90			08.02-	113795	12	1.0	
	[LFF7]	03.05-	114865	14	100			03.05-	113795	12	1.0	
6 2.0 MRZ	[GH][LF17]	08.07-	114865	14	100							
6 2.0 CD MRZ	[GH][RF7J]	08.07-	114839	14	100			08.07-	114059	12	2.3	
6 2.0 CITD 4x4	[GY][RF5C]	10.02- 02.05	114112	14	90			10.02- 02.05	114059	12	2.3	
6 2.0 Diesel Di	[GG][RF5C]	08.00-	114112	14	90			06.02-	114059	12	2.3	
	[RF7J]	06.05-	114111	14	90			06.05-	114059	12	2.3	
	[GY][RF5C]	08.02-	114112	14	90			08.02-	114059	12	2.3	
	[RF7J]	06.05-	114111	14	90			06.05-	114059	12	2.3	
6 2.3	[GG][L3C1]	06.02-	113348	14	90							
	[L3KG]	12.05-	114865	14	100			12.05-	113819	12	1.4	
	[GY][L3C1]	08.02-	113348	14	90							
6 2.3 4WD	[GY][L3]	08.02-	113348	14	90							
6 2.5 MRZ	[GH][L5-VE]	08.07-	114865	14	100							
121 1.1	[DA][B1]	10.87- 10.90	110136	14	50			10.87- 10.90	110807	12	0.85	
	[B116]	04.89- 10.90	110136	14	50			04.89- 10.90	110807	12	0.85	
121 1.2	[JA, JB][DHF]	03.96-	113447	14	70			03.96-	113701	12	1.1	
	[DHG]							03.96-	113701	12	1.1	
121 1.3	[DA][B3]							10.87- 10.90	110807	12	0.85	
	[JHC]	03.96-	113447	14	70			03.96-	111131	12	0.8	
								03.96-	113701	12	1.1	
	[JJK]	03.96-	113447	14	70			03.96-	113701	12	1.1	
121 1.3 16V	[DB][B3]							AT 11.90- 03.96	110808	12	0.85	
								11.90- 03.96	110807	12	0.85	
121 1.8 Diesel	[RTJ]	03.96-	112121	14	70			03.96-	110867	12	1.7	
								A13 03.96-	112290	12	2.2	
323 1.0	[FA][P]	06.77- 05.80	110133	14	35							
	[PC]	06.77- 05.80	110133	14	35							
323 1.1	[BD][E1]	11.80- 10.85	110136	14	50			11.80- 10.85	110149	12	0.9	
	[BF][E1]							08.85- 08.87	110149	12	0.9	
323 1.3	[BD][E3]	11.80- 10.85	110136	14	50			11.80- 10.86	110149	12	0.9	
								11.86- 10.89	110808	12	0.85	
	[BF][E3]	Chas. 400001- 04.87- 05.89	112297	14	60			08.85- 05.89	110808	12	0.85	
	[BG][B383]							09.89- 06.91	110808	12	0.85	
	[B3E]							09.89- 07.94	110808	12	0.85	
	[BW][E3]							07.86- 04.90	110808	12	0.85	
	[FA][T]	01.77- 05.80	110133	14	35							
	[TC]	01.77- 05.86	110133	14	35							
323 1.3 16V	[BA][B3]							10.96-	110808	12	0.85	
	[BG][B3]	09.94- 02.97	111807	14	70			09.89- 07.94	110808	12	0.85	
	[BJ][B3ME]	05.98- 10.00	111384	14	70			06.98- 01.01	111970	12	1.0	
								05.98- 10.00	110808	12	0.85	
323 1.3 i	[BF][B3E]							06.87- 05.89	110808	12	0.85	
323 1.4	[BF][B3]	09.87- 10.89	112297	14	60			04.87- 10.89	110808	12	0.85	
	[FA][U]	01.75- 05.80	110133	14	35							
	[UC]	01.75- 08.82	110133	14	35							
323 1.5	[BD][E5]	06.80- 12.85	110136	14	50			11.80- 12.85	110149	12	0.9	
	[BF][B5]	Chas. 400001- 04.87- 10.89	112297	14	60			11.86- 10.89	110808	12	0.85	
	[E5]	Chas. 400001- 05.87- 05.89	112297	14	60			11.86- 05.89	110808	12	0.85	
	[BW][B5]	01.87- 05.89	112297	14	60			01.87- 05.89	110808	12	0.85	
	[B50]	01.87- 04.90	112297	14	60			01.87- 04.90	110808	12	0.85	
	[B53]	01.87- 04.90	112297	14	60			01.87- 04.90	110808	12	0.85	
	[E5]							01.86- 07.87	110808	12	0.85	
	[FA][D5]	04.82- 05.86	112270	14	35							
323 1.5 16V	[BA][Z5-DE]	10.96- 08.98	111384	14	70			10.96-	111970	12	1.0	
		10.96-	111807	14	70							

## STARTERS &amp; ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



MAZDA Continued

Application list

	(BJ)[ZL]	05.98- 01.01	111384	14 70		09.98- 110808	12 0.85
						05.98- 110149	12 0.9
						09.98- 111970	12 1.0
323 1.5 i	(BF)[E5E3]	04.87- 05.89	112297	14 60		10.86- 05.89	110808 12 0.85
		Chas. 400001- 04.87- 05.89	112297	14 60			
323 1.5 i Turbo	(BF)[E5E2]	04.87- 05.89	112297	14 60		10.86- 05.89	110808 12 0.85
		Chas. 400001- 04.87- 05.89	112297	14 60			
323 1.6	(BF)[B68]	09.87- 10.89	112297	14 60		09.87- 10.89	110808 12 0.85
	(BG)[B6]					03.91- 10.94	110808 12 0.85
	[B6E]					09.89- 06.91	110808 12 0.85
	(BW)[B6 (SOHC)]	06.87- 10.95	112297	14 60		09.86- 03.93	110808 12 0.85
	[B68]					09.87- 10.89	110808 12 0.85
323 1.6 4WD	(BW)[B6E]					05.90- 03.93	110808 12 0.85
323 1.6 GT	(BF)[B6]	Chas. 400001- 05.87- 12.88	112297	14 60		08.85- 12.88	110808 12 0.85
	[B6 (SOHC)]	Chas. 400001- 05.87- 10.89	112297	14 60		11.86- 10.89	110808 12 0.85
323 1.6 16V	(BG)[B6]					06.89- 10.94	110808 12 0.85
323 1.6 GTi	(BF)[B6]	05.87- 10.89	112297	14 60		01.86- 12.88	110808 12 0.85
		Chas. 400001- 05.87- 12.88	112297	14 60			
323 1.6 Turbo	(BF)[B6]	10.87- 11.91	112297	14 60		10.85- 11.91	110808 12 0.85
		Chas. 400001- 10.85- 11.91	112297	14 60			
323 1.6 Turbo GT	(BF)[B6]	04.87- 11.91	112297	14 60		10.85- 11.91	110808 12 0.85
		Chas. 400001- 04.87- 11.91	112297	14 60			
323 1.6 Turbo GT 4WD	(BF)[B6]	08.87- 11.91	112297	14 60		08.87- 11.91	110808 12 0.85
		Chas. 400001- 08.87- 11.91	112297	14 60			
323 1.8	(BG)[BP]	04.91- 07.94	110663	14 60		04.91- 07.94	110808 12 0.85
323 1.8 4WD	(BG)[BPC]	01.91- 12.93	110663	14 60		06.91- 05.94	110808 12 0.85
		02.94- 05.94	111807	14 70		AT 06.91- 05.94	110810 12 1.4
323 1.8 16V	(BG)[BP]	08.89- 07.94	110663	14 60		08.89- 07.94	110808 12 0.85
	[BP52]	09.91- 07.94	110663	14 60		09.91- 07.94	110808 12 0.85
	(BJ)[FP55]	05.98- 10.00	112067	14 80		05.98- 01.01	111730 12 1.0
323 1.8 16V 4WD	(BG)[BP]	11.91- 12.93	110663	14 60		11.91- 12.93	110808 12 0.85
323 1.8 Turbo 16V 4WD	(BG)[BP]	09.90- 07.94	110663	14 60		09.90- 07.94	110808 12 0.85
		02.94- 111807	14 70				
323 2.0 Diesel	(BJ)[RF1G]	09.98-	113785	14 80			
323 2.0 TD	(BJ)[RF]					09.98- 01.01	110389 12 2.0
626 1.6	(CD)[H6]	05.79- 05.82	110307	14 60			
		08.80- 10.82	110134	14 55			
	[N]	05.79- 08.80	110134	14 55			
		05.79- 05.82	110307	14 60			
	[NA]	10.78- 12.82	110134	14 55			
		05.79- 05.82	110307	14 60			
	(GC)[F6]					11.82- 09.87	110149 12 0.9
	(GD)[F68]	03.88- 07.91	110664	14 70		06.87- 05.92	110149 12 0.9
						06.87- 05.92	110808 12 0.85
		06.87- 05.92	110664	14 70		06.87- 05.92	110149 12 0.9
						06.87- 05.92	110808 12 0.85
626 1.8	(GD)[F8]	09.87- 05.92	110664	14 70		09.87- 05.92	110808 12 0.85
	(GE)[FP]	08.91- 04.97	111317	14 80		05.94- 04.97	111730 12 1.0
						08.91- 04.97	110810 12 1.4
	(GF)[FP]	12.99-	112067	14 80		12.99-	111730 12 1.0
	[FP9A]	12.99-	112067	14 80		12.99-	111730 12 1.0
	[FPY3]	05.97-	112067	14 80		05.97-	111730 12 1.0
	(GF,GW)[FP9A]	01.00-	112067	14 80		01.00-	111730 12 1.0
	(GV)[F8]	03.88- 03.92	110664	14 70		01.88- 03.92	110808 12 0.85
	(GW)[FPY3]	02.98-	112067	14 80		02.98-	111730 12 1.0
626 1.8 i	(GE)[FP]	01.92- 04.97	111317	14 80		01.92- 04.97	111730 12 1.0
						01.92- 04.97	110810 12 1.4
626 2.0	(CB)[MA]	10.78- 12.82	110134	14 55			
		05.79- 05.82	110307	14 60			
	[HE3]	05.79- 05.82	110307	14 60			
		08.80- 10.82	110134	14 55			
	[M]	05.79- 08.80	110134	14 55			
		05.79- 05.82	110307	14 60			
	(GC)[FE]					03.83- 09.87	110149 12 0.9
	(GD)[FE]	09.87- 10.90	110664	14 70		09.87- 10.90	110810 12 1.4
						09.87- 10.90	110808 12 0.85
	(GF)[FS]	05.97-	112067	14 80		05.97-	111730 12 1.0
	[FS2C]	02.98-	112067	14 80		02.98-	111730 12 1.0
	(GV)[FE]	10.88- 10.90	110664	14 70		10.88- 10.90	110810 12 1.4
						10.88- 10.90	110808 12 0.85
	(GW)[FS]	02.98-	112067	14 80		02.98-	111730 12 1.0
	[FS2C]	02.98-	112067	14 80		02.98-	111730 12 1.0
626 2.0 12V	(GD)[FE]	09.87- 05.92	110664	14 70		09.87- 05.92	110810 12 1.4
						09.87- 05.92	110808 12 0.85
	(GV)[FE]	03.88- 03.92	110664	14 70		09.87- 01.90	110808 12 0.85
						09.87- 01.90	110810 12 1.4
626 2.0 16V	(GD)[FE]	06.87- 05.92	110664	14 70		07.87- 05.92	110810 12 1.4
						06.87- 05.92	110808 12 0.85
	(GV)[FE]	01.88- 03.92	110664	14 70		01.88- 03.92	110810 12 1.4
						01.88- 03.92	110808 12 0.85
626 2.0 i	(GE)[FS]	08.91- 04.97	111317	14 80		05.94- 04.97	111730 12 1.0
						08.91- 04.94	110810 12 1.4
						11.94- 02.98	111730 12 1.0
626 2.0 i 4WD	(GE)[FS]	04.92- 04.97	111317	14 80		05.94- 04.97	111730 12 1.0
						04.92- 04.94	110810 12 1.4
626 2.0 Diesel	(GC)[RF46]					01.83- 06.87	110389 12 2.0
	(GD)[RF-N]	07.87- 07.91	111337#	14 70		07.87- 07.91	110389 12 2.0
	(GV)[RF-N]	09.88- 07.91	111337#	14 70		09.88- 07.91	110389 12 2.0
	[RFG5]					11.94- 02.98	110389 12 2.0



626 2.0 Diesel Comprex	(GV)[RF-CX]					05.93-	110389	12	2.0
626 2.0 Diesel GLX Comprex	(GE)[RF]					10.92- 04.97	110389	12	2.0
626 2.0 TDDi	(GF)[RF3F]					09.99-	110389	12	2.0
	(GW)[RF3F]	09.99-	113785	14	80	09.99-	110389	12	2.0
626 2.2 12V	(GD)[F2]	11.87- 04.92	110664	14	70	06.88- 04.92	110810	12	1.4
						11.87- 04.92	110808	12	0.85
	(GV)[F2]	03.89- 03.92	110664	14	70	03.89- 03.92	110810	12	1.4
						03.89- 03.92	110808	12	0.85
626 2.2 12V 4WD	(GD)[F2]	09.89- 07.91	110664	14	70	09.89- 07.91	110810	12	1.4
	(GV)[F2]					05.91- 11.92	110810	12	1.4
	[F2L1]	05.91- 10.97	110664	14	70	05.91- 11.92	110810	12	1.4
		04.98-	112067	14	80	05.91- 11.92	110808	12	0.85
626 2.5 24V	(GE)[KL]	01.92- 04.97	111315	14	90	01.92- 04.97	111311	12	1.7
818 1.3	[TC]	01.71- 10.80	110133	14	35				
929 2.0	(HB)[MA]	01.82- 03.84	110134	14	55				
	[FE]					03.84- 07.87	110149	12	0.9
	[HEE]	05.82- 03.84	110134	14	55				
	(HV)[MA]	01.83- 12.87	110134	14	55				
	[HEE]	01.83- 12.87	110134	14	55				
		01.83- 12.87	110307	14	60				
	(LA)[MA]	05.79- 07.86	110307	14	60				
		Chas. LA4 05.79- 12.81	110134	14	55				
	[M]	05.79- 07.86	110307	14	60				
		Chas. LA4 05.79- 12.81	110134	14	55				
929 2.0 i	(HB)[FE]					10.84- 07.87	110149	12	0.9
929 2.0 i GLX	(HB)[FE]					10.84- 07.87	110149	12	0.9
929 2.2	(HC)[F2]	01.88- 12.89	110662	14	65	01.88-	110810	12	1.4
	[F21]	12.86- 12.89	110662	14	65	09.87-	110810	12	1.4
	[F2E]	01.88- 12.89	110662	14	65	01.88-	110810	12	1.4
929 2.2 12V	(HC)[F2-C]					04.89- 06.91	110810	12	1.4
929 2.2 i	(HC)[F2-EGI]					05.87- 12.88	110810	12	1.4
1000 1.0	[PC]	01.75- 01.77	110133	14	35				
1300 1.3	[TC]	01.75- 01.77	110133	14	35				
323 C 1.4 16V	(BA)[B3]	08.94- 02.97	111807	14	70	08.94-	110808	12	0.85
		10.96- 10.98	111384	14	70				
323 C 1.5 16V	(BA)[Z5-DE]	08.94- 02.97	111807	14	70	08.94-	110808	12	0.85
		02.97-	111384	14	70				
323 C 1.8	(BA)[BPZE]	08.94- 02.97	111807	14	70	09.96-	111970	12	1.0
		02.97-	111384	14	70	08.94- 08.96	110808	12	0.85
323 C 1.8 16V	(BG)[BP22]	04.91- 03.93	110663	14	60				
	[BP31]	04.91- 03.93	110663	14	60				
323 F 1.4	(BJ)[B3]	01.01-	111384	14	70	01.01-	110149	12	0.9
323 F 1.5 16V	(BA)[Z5-DE]	07.94- 02.97	111807	14	70	07.94-	110808	12	0.85
		02.97-	111384	14	70				
323 F 1.6	(BJ)[ZM]	01.01-	112067	14	80	01.01-	110808	12	0.85
						01.01-	111970	12	1.0
323 F 1.8 16V	(BA)[BPZE]	08.94- 02.97	111807	14	70	08.94- 08.96	110808	12	0.85
		02.97-	111384	14	70	09.96-	111970	12	1.0
	(BG)[BP31]					09.89- 03.93	110808	12	0.85
323 F 2.0	(BJ)[FS7E]	01.01-	112067	14	80	01.01-	111730	12	1.0
	[FS7G]	01.01-	112067	14	80	01.01-	111730	12	1.0
323 F 2.0 24V	(BA)[KF]	08.94-	111315	14	90	08.94-	111311	12	1.7
323 F 2.0 TD	(BJ)[RF4F]	01.01-	113785	14	80				
323 S 1.4	(BJ)[B3]	01.01-	111384	14	70	01.01-	110808	12	0.85
323 S 1.4 16V	(BA)[B3]	08.94- 02.97	111807	14	70	08.94-	110808	12	0.85
		10.96- 10.98	111384	14	70				
323 S 1.5 16V	(BA)[Z5-DE]	08.94- 02.97	111807	14	70	08.94-	110808	12	0.85
		10.96- 09.98	111384	14	70				
323 S 1.6	(BJ)[ZM]	01.01-	112067	14	80	01.01-	110808	12	0.85
						01.01-	111970	12	1.0
323 S 1.8 16V	(BA)[BPZE]	08.94- 02.97	111807	14	70	08.94- 08.96	110808	12	0.85
		02.97-	111384	14	70	09.96-	111970	12	1.0
323 S 2.0	(BJ)[FS7E]	01.01-	112067	14	80	01.01-	111730	12	1.0
	[FS7G]	01.01-	112067	14	80	01.01-	111730	12	1.0
B 1600 1.6		02.77- 09.78	110133	14	35				
B 1800 1.8	[H816]	10.81- 08.85	112270	14	35				
			112270	14	35				
		02.77-	110133	14	35				
B 2000 2.0	[FE]	01.85- 03.96	110692#	14	55				
		01.85- 12.91	110692#	14	55	01.85- 12.91	110149	12	0.9
B 2200 2.2 4WD	[R5A2]					02.99-	111557#	12	1.2
B 2200 2.2 8V 4WD	(UN)[JL22]					06.99-	110808	12	0.85
B 2200 2.2 Diesel	[R290]					12.89- 03.96	110389	12	2.0
B 2500 2.5 Diesel	(UF)[WL]	02.96- 06.99	112352	14	70				
	(UN)[MD25NA]					06.99-	113702	12	2.2
	[WLE7]	Chas. 010301- 09.01-	112352	14	70	12.02-	113702	12	2.2
B 2500 2.5 Diesel 4WD	(UF)[WL]	12.96- 06.99	112352	14	70	02.96- 06.99	113702	12	2.2
	(UN)[WLE7]	Chas. -010301 09.01-	112352	14	70	12.02-	113702	12	2.2
	[MD25NA]	06.99-	112352	14	70	06.99-	113702	12	2.2
B 2500 2.5 TD 4WD	[MD25TI]					06.99-	113702	12	2.2
B 2600 2.6 4WD	(UF)[LG54]	01.87- 10.90	110318	14	50	01.87- 11.89	110811	12	1.2
						11.89- 10.90	111557#	12	1.2
B 2600 2.6 12V 4WD	(UF)[G6]	01.90- 06.99	110318	14	50	01.90- 06.99	111557#	12	1.2
	(UN)[JK26]	01.87- 10.90	110318	14	50				
BT-50 2.5 Diesel 4WD	[WLAA]	12.06-	112352	14	70	12.06-	113702	12	2.2
CX-7 2.3 DISI Turbo MZR	[L3-VDT]					10.07-	113819	12	1.4
Demio 1.3 16V	(DW)[B3]					08.98-	110808	12	0.85
	[B3]					08.98-	110808	12	0.85
Demio 1.5 16V	(DW)[B5]	04.00-	111384	14	70	04.00-	111970	12	1.0

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**MAZDA** Continued

E 1600 1.6	[NA]	01.78- 03.81	110133	14 35		01.78- 01.81	110283#	12 1.0	
		04.81-	110134	14 55					
		04.81- 06.84	112270	14 35					
E 2000 2.0	(SR)[FE18]	11.84- 02.88	110134	14 55		11.84- 02.88	110149	12 0.9	
		11.84- 02.88	110692#	14 55					
	[FEV4]	11.84- 02.88	110134	14 55		11.84- 02.88	110149	12 0.9	
		11.84- 02.88	110692#	14 55					
	(SR2)[FE]	06.94-	110692#	14 55		06.94-	110808	12 0.85	
	[FE18]	05.85- 08.88	110134	14 55		05.85- 04.89	110149	12 0.9	
		05.85- 04.89	110307	14 60					
		11.87- 04.89	110692#	14 55					
	[FE58]	05.85- 08.88	110134	14 55		05.85- 04.89	110149	12 0.9	
		05.85- 04.89	110307	14 60					
		11.87- 04.89	110692#	14 55					
	[FE60]	03.91- 05.94	110692#	14 55		03.91- 05.94	110808	12 0.85	
	[FE61]	03.91- 05.94	110692#	14 55		03.91- 05.94	110808	12 0.85	
E 2000 2.0 4WD	(SR1)[FEBN]	10.88- 09.89	110692#	14 55		10.88- 09.89	110149	12 0.9	
E 2200 2.2 Diesel	(SR)[R203]	01.84- 02.88	110699	14 50		01.84- 02.88	110389	12 2.0	
		01.84- 02.88	110706	14 60					
	[R207]	01.84- 02.88	110699	14 50		01.84- 02.88	110389	12 2.0	
		01.84- 02.88	110706	14 60					
	(SR2)[R203]	03.91-	110699	14 50		03.91-	110389	12 2.0	
		03.91-	110706	14 60					
	[R207]	03.91-	110699	14 50		03.91-	110389	12 2.0	
		03.91-	110706	14 60					
E 2200 2.2 Diesel 4WD	(SR2)[R203]	03.91-	110699	14 50		03.91-	110389	12 2.0	
		03.91-	110706	14 60					
	[R207]	03.91-	110699	14 50		03.91-	110389	12 2.0	
		03.91-	110706	14 60					
E 2700 2.7 Diesel	[XB]					01.77-	114439	12 2.7	
E 3500 3.5 Diesel	[SL]					01.83- 12.90	114439	12 2.7	
MPV 2.0	(LW)[FS]	08.00-	112361#	14 100		08.00- 07.02	111730	12 1.0	
MPV 2.0 i 16V	(LW)[FS-DS]	09.99-	112361#	14 100		06.99- 04.02	111730	12 1.0	
MPV 2.0 Diesel Di	(LW)[RF5C]	07.02-	114112	14 90		07.02-	114059	12 2.3	
MPV 2.5 V6	(LW)[GY-DE]	09.99- 03.02	114356	14 100					
MPV 2.5 TD	[WLT]	05.96- 09.99	113785	14 80		05.96- 09.99	113702	12 2.2	
MX-3 1.6	(EC)[B69]	07.91-	111237	14 70		07.91-	110808	12 0.85	
MX-3 1.6 i	(EC)[B6D]	05.91-	111237	14 70		01.94-	110808	12 0.85	
		01.94-	111807	14 70					
MX-3 1.8 i V6	(EC)[K819]	01.92- 01.94	111315	14 90		01.92- 01.94	111311	12 1.7	
						01.94- 01.94	113816	12 1.4	
	[K838]	05.91-	111315	14 90		01.94-	111311	12 1.7	
					01.94- 09.96	113816	12 1.4		
MX-5 1.6	(NA)[B6]	01.95- 11.97	111342	14 60		01.95-	112215	12 0.95	
	[B64F]	08.89- 11.97	111342	14 60		05.90- 01.94	112215	12 0.95	
MX-5 1.6 16V	(NB)[B6D]	05.98- 10.05	111807	14 70		05.98- 04.01	111970	12 1.0	
		05.98-	112067	14 80					
MX-5 1.8	(NA)[BPF1]	02.94- 04.98	111807	14 70		02.94- 04.98	112215	12 0.95	
	(NC)[L8-DE]	03.05-	114865	14 100					
MX-5 1.8 16V	(NB)[BPZE]	08.00-	112067	14 80		11.00-	111970	12 1.0	
		12.94- 11.97	111807	14 70		05.98- 10.05	110149	12 0.9	
		01.98- 08.00	111384	14 70					
MX-5 1.9 16V	(NB)[BPZE]	11.00-	112067	14 80		11.00-	111970	12 1.0	
MX-5 2.0	(NC)[LF-DE]	03.05-	114865	14 100					
MX-6 2.0	(GE)[FS]	04.91-	111315	14 90		02.92-	110810	12 1.4	
		04.91-	111317	14 80					
MX-6 2.5 24V	(GE)[KL]	07.91-	111315	14 90		02.92-	111311	12 1.7	
		07.91-	111317	14 80					
MX-6 2.5 i 24V	(GE)[KL]	08.94-	111315	14 90					
		08.94-	111317	14 80					
Premacy 1.8	(CP)[FP]	07.99-	112067	14 80		03.99-	111730	12 1.0	
Premacy 2.0	(CP)[FS7E]					11.01-	111730	12 1.0	
	[FS7G]	11.01-	112067	14 80		11.01-	111730	12 1.0	
RX-7 1.1	(SA)[12AN2]	05.79- 05.81	110307	14 60					
		05.79- 03.86	110692#	14 55					
		03.84- 03.86	110134	14 55					
		[12AN2]	01.81- 03.84	110134	14 55				
			01.81- 03.84	110692#	14 55				
T 3500 3.5 Diesel	[SL-T]					01.87- 12.92	114439	12 2.7	
						01.84- 12.97	114439	12 2.7	
Tribute 2.0 4WD	(EP)[YF]					03.00-	112340	12 1.4	
Tribute 3.0 V6 24V 4WD	[AJ]					03.00-	111374	12 1.5	
Various Models						01.85-	110149	12 0.9	
						01.69- 01.72	110283#	12 1.0	
Xedos 6 1.6 16V	(CA)[B6]	06.94-	111807	14 70		06.94-	112215	12 0.95	
	[B69]	08.92- 05.94	111237	14 70		08.92- 05.94	110808	12 0.85	
						01.92-	111311	12 1.7	
						01.92-	111543#	12 1.4	
Xedos 6 2.0 i	(CA)[KF1]	01.92- 05.94	111315	14 90		01.92- 05.94	111311	12 1.7	
Xedos 9 2.0 24V	[KF]	08.93-	111315	14 90		08.93- 01.00	111311	12 1.7	
Xedos 9 2.3 i	(TA)[KJ-ZEM]					02.95- 01.00	111311	12 1.7	
Xedos 9 2.5 24V	(TA)[KL]					07.93-	111311	12 1.7	
Xedos 9 2.5 V6	(TA)[KL]	07.00-	112067	14 80					
<b>PASSENGER CARS US</b>									
3 2.0						01.04- 01.07	113795	12 1.0	
3 2.0 I						01.04- 01.07	113795	12 1.0	
323 1.6		01.92- 01.94	110663	14 60		01.86- 01.94	110149	12 0.9	
		01.88- 01.89	112297	14 60					
323 1.6 DX		01.92- 01.94	110663	14 60		01.92- 01.94	110149	12 0.9	





323 1.6 SE	01.92- 01.93	110663	14	60	01.90- 01.93	110149	12	0.9
323 1.8 DX					01.90- 01.91	110149	12	0.9
323 1.8 LX					01.90- 01.91	110149	12	0.9
616 1.6					01.70- 09.73	110283#	12	1.0
626 2.0					01.99- 01.01	110810	12	1.4
					01.83- 01.87	110389	12	2.0
					01.83- 01.87	110149	12	0.9
626 2.0 DX					01.93- 01.98	110810	12	1.4
626 2.0 ES					01.02- 01.02	110810	12	1.4
626 2.0 LX					01.93- 01.02	110810	12	1.4
626 2.0 Turbo					01.86- 01.87	110149	12	0.9
					01.86- 01.87	110389	12	2.0
626 2.0					01.84- 01.85	110149	12	0.9
					01.84- 01.85	110389	12	2.0
626 2.2	01.88- 01.92	110664	14	70	01.88- 01.92	110810	12	1.4
626 2.2 DX	01.90- 01.92	110664	14	70	01.90- 01.92	110810	12	1.4
626 2.2 LE	01.91-	110664	14	70	01.91-	111311	12	1.7
626 2.2 LX	01.90- 01.92	110664	14	70	01.90- 01.92	110810	12	1.4
626 2.2 Turbo	01.88- 01.91	110664	14	70	01.88- 01.91	110810	12	1.4
626 2.2 Turbo GT	01.90- 01.91	110664	14	70	01.90- 01.91	110810	12	1.4
626 2.5	01.99- 01.00	111315	14	90	01.99- 01.01	111311	12	1.7
626 2.5 ES	01.93- 01.98	111315	14	90	01.93- 01.02	111311	12	1.7
626 2.5 LX	01.94- 01.98	111315	14	90	01.94- 01.02	111311	12	1.7
B2000 2.0	01.86- 01.87	110692#	14	55	01.86- 01.87	110149	12	0.9
	01.82- 01.84	112270	14	35				
B2200 2.2	01.87- 01.92	110692#	14	55	01.87- 01.93	110149	12	0.9
					01.87- 01.93	110810	12	1.4
B2200 2.2					01.82- 01.84	110578	12	2.0
B2300 2.3	01.94- 01.97	111199	14	95	01.94- 01.97	113222	12	1.4
B2500 2.5	01.98- 01.01	111199	14	95				
B2600 2.6	01.87- 01.88	110805	14	45	01.89- 01.93	111557#	12	1.2
					01.87- 01.88	110811	12	1.2
B3000 3.0	01.94- 01.03	111199	14	95	01.94- 01.96	111370	12	1.2
B4000 4.0	01.94- 01.00	111199	14	95	01.94- 01.97	112030	12	1.4
	01.98- 01.00	111200	14	130				
GLC 1.5	01.81- 01.85	110136	14	50	01.81- 01.85	110149	12	0.9
Miata 1.6	01.90- 01.93	111342	14	60	01.90- 01.93	112215	12	0.95
Miata 1.8	01.94- 01.00	111807	14	70	01.99- 01.02	111970	12	1.0
					01.94- 01.97	112215	12	0.95
Miata 1.8 LS					01.02- 01.03	111970	12	1.0
MPV 2.6					01.89- 01.94	111557#	12	1.2
MX-3 1.6	01.94- 01.95	111807	14	70	01.92- 01.95	110149	12	0.9
	01.92- 01.93	111237	14	70				
MX-3 1.6 Precedia	01.95- 01.95	111807	14	70	01.95- 01.95	110149	12	0.9
MX-3 1.8	01.92- 01.94	111315	14	90	01.92- 01.94	111311	12	1.7
					01.94- 01.94	113816	12	1.4
MX-3 1.8 GS	01.92- 01.94	111315	14	90	01.92- 01.94	111311	12	1.7
					01.94- 01.94	113816	12	1.4
MX-6 2.0					01.93- 01.95	110810	12	1.4
MX-6 2.0 RS					01.96- 01.97	110810	12	1.4
MX-6 2.2	01.88- 01.92	110664	14	70	01.88- 01.92	110810	12	1.4
MX-6 2.2 DX	01.91- 01.92	110664	14	70	01.91- 01.92	110810	12	1.4
MX-6 2.2 LX	01.91- 01.92	110664	14	70	01.91- 01.92	110810	12	1.4
MX-6 2.2 Turbo	01.92- 01.92	110664	14	70	01.92- 01.92	110810	12	1.4
MX-6 2.2 Turbo GT	01.88- 01.92	110664	14	70	01.88- 01.92	110810	12	1.4
MX-6 2.5 LS	01.93- 01.97	111315	14	90	01.93- 01.97	111311	12	1.7
Navajo 4.0 DX	01.92- 01.94	111199	14	95	01.92- 01.94	112030	12	1.4
					01.92- 01.94	111844	12	1.4
Navajo 4.0 LX	01.91- 01.94	111199	14	95	01.91- 01.94	112030	12	1.4
					01.91- 01.94	111844	12	1.4
Portege 1.5 DX	01.96- 01.97	111807	14	70	01.96- 01.97	110149	12	0.9
Portege 1.5 LX	01.96- 01.97	111807	14	70	01.96- 01.97	110149	12	0.9
Portege 1.8 DX					01.91- 01.94	110149	12	0.9
					01.91- 01.94	110810	12	1.4
Portege 1.8 ES	01.97- 01.97	111384	14	70	01.95- 01.97	111970	12	1.0
					01.95- 01.96	110149	12	0.9
Portege 1.8 GT					01.90- 01.91	110810	12	1.4
					01.90- 01.91	110149	12	0.9
Portege 1.8 LX					01.90- 01.94	110810	12	1.4
					01.90- 01.94	110149	12	0.9
Portege 1.8 S					01.95- 01.95	111970	12	1.0
					01.95- 01.95	110149	12	0.9
Portege 1.8 SE					01.90- 01.90	110149	12	0.9
					01.90- 01.90	110810	12	1.4
Portege 1.5	01.95- 01.95	111807	14	70	01.95- 01.95	110149	12	0.9
Portege 1.5 DX	01.98- 01.98	111384	14	70	01.98- 01.98	110149	12	0.9
Portege 1.5 LX	01.98- 01.98	111384	14	70	01.98- 01.98	110149	12	0.9
Portege 1.6	01.99- 01.01	111384	14	70	01.01- 01.01	111730	12	1.0
					01.99- 01.01	110149	12	0.9
					01.99- 01.00	111970	12	1.0
Portege 1.8	01.99- 01.00	112067	14	80	01.99- 01.00	111730	12	1.0
Portege 1.8 4WD					01.90- 01.91	110149	12	0.9
					01.90- 01.91	110810	12	1.4
Portege 1.8 Base	01.94-	110663	14	60				
Portege 1.8 ES	01.98- 01.98	111384	14	70	01.98- 01.98	111970	12	1.0
Portege 2.0	01.01- 01.01	112067	14	80	01.01- 01.01	111730	12	1.0
Portege 2.0 5	01.02- 01.03	112067	14	80	01.02- 01.02	111730	12	1.0
Portege 2.0 DX	01.02-	112067	14	80				
Portege 2.0 ES	01.02- 01.03	112067	14	80	01.02- 01.03	111730	12	1.0

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

**MAZDA** Continued

Protege 2.0 LX		01.02- 01.03	112067	14 80		01.02- 01.03	111730	12 1.0
Protege 2.0 MP3		01.01- 01.02	112067	14 80		01.01- 01.02	111730	12 1.0
Protege 2.0 Turbo Mazda Speed		01.03- 01.03	112067	14 80				
RX-7 1.1		01.79- 01.85	110134	14 55				
		01.79- 01.85	110692#	14 55				
RX-7 1.3		01.84- 01.85	110692#	14 55				
RX-7 1.3 Turbo		01.88-	110134	14 55		01.93- 01.95	111311	12 1.7
Tribute 2.0		01.01- 01.01	112958	14 110		01.01- 01.01	112340	12 1.4
		01.01- 01.01	112961	14 110				
Tribute 2.0 DX		01.02- 01.03	112958	14 110		01.02- 01.03	112235	12 1.4
						01.02- 01.03	112340	12 1.4
Tribute 3.0		01.01- 01.01	112961	14 110		01.01- 01.01	111374	12 1.5
		01.01- 01.01	110692#	14 55				
Tribute 3.0 DX		01.02-	112961	14 110				
Tribute 3.0 ES		01.02- 01.03	112961	14 110		01.02- 01.03	111374	12 1.5
Tribute 3.0 LX		01.02- 01.03	112961	14 110		01.02- 01.03	111374	12 1.5
<b>PASSENGER CARS AO</b>								
2 1.3 L	(B2W)	AC 04.03-	114129	14 90				
2 1.5	(B2W)	AC 04.03-	114129	14 90				
3 2.3	(BK12)[L3-VE]					01.04- 01.07	113819	12 1.4
						01.04- 09.04	113819	12 1.4
3 2.3 MZR	(BK14)					01.04- 09.04	113819	12 1.4
3 2.3 DISI	(BK14)					06.06- 01.07	113819	12 1.4
B-Serie 2.2 Diesel	(UF)					01.84-	110389	12 2.0
						01.82- 01.85	110578	12 2.0
B-Serie 2.5 Diesel	(UN)					11.99- 12.01	112600	12 1.4
B-Serie 2.5 Diesel 4x4	(UN)					11.99- 07.02	112600	12 1.4
B-Serie 2.6 4x4	(UF)[G6]					01.85- 11.89	110811	12 1.2
						11.89-	111557#	12 1.2
MX-5 1.8	(NA)[BPF1]					08.93- 11.97	112215	12 0.95
	(NB)					11.00-	111970	12 1.0
Xedos 9 2.0	(TA)	08.98- 08.00	111315	14 90				
<b>MOTORS</b>								
HA Diesel			114415	14 50				
XA Diesel			114415	14 50				
<b>Mccormick</b>								
<b>AGRICULTURE</b>								
MTX	[Perkins]						114777	12 3.0
<b>Mercedes-Benz</b>								
<b>PASSENGER CARS EU</b>								
100 2.4 Diesel	(631)[OM616]	12.90- 02.96	110358	14 55		12.90- 12.94	110368	12 2.3
		12.90- 02.96	111149	14 80		09.02-	113855	24 5.4
	[OM616.963]	12.90-	110358	14 55		12.90- 02.96	110968	
		12.90-	111149	14 80				
	(631.340)[OM616.963]	09.87- 01.96	110358	14 55		12.90- 02.96	110368	12 2.3
		09.87- 01.96	111149	14 80				
190 2.0	(201)[M102.921]	10.82- 08.86	110358	14 55		10.82- 05.85	110862	12 1.5
		10.82- 10.84	110735#	14 55				
		10.82- 08.86	110923	14 55				
	[M102.924]	09.84- 08.86	110358	14 55		09.84- 05.85	110862	12 1.5
		09.84- 05.90	110735#	14 55		06.85- 05.90	111347	12 1.2
		09.84- 05.90	110923	14 55				
		04.85- 08.90	111093	14 70				
		PS 01.86- 05.90	111093	14 70				
190 2.0 Diesel	(201)[OM601.911]	08.83- 08.93	110923	14 55		10.81- 03.91	113855	24 5.4
		04.85- 08.93	111093	14 70		08.83- 08.93	111065	12 2.2
190 2.5 Diesel	(201)[OM602.911]	04.85- 08.93	110923	14 55		04.85- 08.93	111065	12 2.2
		04.85- 08.93	111093	14 70				
190 2.5 TD	(201)[OM602.961]	02.88- 08.93	110923	14 55		02.88- 08.93	111065	12 2.2
		02.88- 08.93	111093	14 70				
200 1.8 Kompressor	(209)[M271.940]	09.02-	113877	14 120		09.02-	113513	12 1.1
200 1.8 CGi	(209)[M271.942]	07.03-	113877	14 120		05.02-	113513	12 1.1
200 2.0	(115)[M115.923]	01.68- 07.73	110727			01.68- 01.77	110869	12 1.5
		01.68- 01.77	110730#	14 35				
		01.68- 01.77	110735#	14 55				
		02.75- 01.77	110358	14 55				
	[M115.926]	01.68- 07.73	110727			01.68- 01.77	110869	12 1.5
		01.68- 01.77	110730#	14 35				
		01.68- 01.77	110735#	14 55				
		02.75- 01.77	110358	14 55				
	(123)[M102.920]	06.80- 11.85	110358	14 55		06.80- 11.85	110862	12 1.5
		06.80- 11.85	110735#	14 55				
	[M102.939]	06.80- 11.85	110358	14 55		06.80- 11.85	110862	12 1.5
		06.80- 11.85	110735#	14 55				
	[M115.938]	02.76- 08.80	110358	14 55		02.76- 08.80	110869	12 1.5
		02.76- 08.80	110730#	14 35				
		02.76- 08.80	110735#	14 55				
	[M115.939]	02.76- 08.80	110358	14 55		02.76- 08.80	110869	12 1.5
		02.76- 08.80	110730#	14 35				
		02.76- 08.80	110735#	14 55				
	(124)[M102.922]	12.84- 06.93	110923	14 55		09.85- 05.90	111347	12 1.2
		04.85- 06.93	111093	14 70				
200 2.0 Kompressor	(208)[M111.956]	06.00- 06.02	111903	14 90		06.00- 06.02	111347	12 1.2
		06.97-	112529	14 90				
200 2.0 Diesel	(115)[OM615.913]	01.68- 07.73	110727			01.68- 01.77	110368	12 2.3
		01.68- 01.77	110730#	14 35				
		01.68- 01.77	110735#	14 55				
		02.75- 01.77	110358	14 55				



	(123)[OM615.940]	02.76- 11.85	110358	14 55		07.76- 11.85	110368	12 2.3
		07.76- 02.79	110730#	14 35				
		07.76- 11.85	110735#	14 55				
	(124)[OM601.912]	12.84- 06.93	110923	14 55		12.84- 06.93	111065	12 2.2
		04.85- 06.93	111093	14 70				
200 2.0 TD	(124)[OM601.912]	12.84- 06.93	110923	14 55		09.85- 08.91	111065	12 2.2
		04.85- 06.93	111093	14 70				
206 2.2 Diesel	(601)[OM615.917]	02.73- 12.77	110727			02.73- 12.77	110775	12 1.8
	[OM615.937]	02.73- 12.77	110727			02.73- 12.77	110775	12 1.8
	[OM615.939]	02.73- 12.77	110727			02.73- 12.77	110775	12 1.8
207 1.8	(601)[A70NV]	02.73- 12.77	110727					
207 2.4 Diesel	(601)[OM616.917]	04.77- 12.82	110358	14 55		04.77- 12.82	110368	12 2.3
		04.77- 12.82	110730#	14 35				
	[OM616.934]	04.77- 12.82	110358	14 55		04.77- 12.82	110368	12 2.3
		04.77- 12.82	110730#	14 35				
	[OM616.937]	06.82- 01.90	110358	14 55		12.77- 01.90	110368	12 2.3
		06.82- 01.90	110730#	14 35				
	[OM616.939]	06.82- 01.90	110358	14 55		06.82- 01.90	110368	12 2.3
		06.82- 01.90	110730#	14 35				
208 2.1 CDI	(901,902)[OM611.987]	04.00-	112197	14 115 A47		04.00-	111851	12 2.0
		04.00-	112425	14 150				
		04.00- 05.06	114790	14 115 A46				
		04.00- 05.06	115485	14 90 A49				
208 2.3	(601)[M115.955]	05.77- 12.82	110358	14 55		05.77- 12.82	110869	12 1.5
		05.77- 12.82	110730#	14 35				
	[M115.972]	05.77- 12.82	110358	14 55		05.77- 12.82	110869	12 1.5
		05.77- 12.82	110730#	14 35				
208 2.3 Diesel	(601)[OM601.940]	10.88- 02.96	111093	14 70		10.88- 06.95	113389	12 2.2
		10.88- 02.96	113768	14 95		01.95- 02.96	113133	
		10.88- 02.96	113866#	14 55				
		11.88- 06.95	111883	14 115				
	PS Eng. 281647-	10.88- 06.95	112529	14 90				
	PS	10.88- 06.95	110923	14 55				
	Eng. 281647-	11.88- 06.95	112529	14 90				
	Eng. -281646	10.88-	112734	14 80				
	ACPS	10.88- 06.95	110923	14 55				
	AC, PS, Eng. 281647-	10.88- 06.95	112529	14 90				
	AC, Eng. 281647-	10.88- 06.95	112529	14 90				
	AC	10.88- 06.95	110923	14 55				
209 3.0 Diesel	(601)[OM617.913]	12.82- 01.90	110358	14 55 ▲		12.82- 01.90	110368	12 2.3
210 2.3	(601)[M102.942]	04.77- 10.89	110358	14 55		04.77- 01.90	110862	12 1.5
		04.77- 02.96	110735#	14 55				
		04.77- 10.89	110923	14 55				
		04.77- 10.89	111093	14 70				
		04.77- 10.89	112734	14 80				
	Eng. 102945-	04.85- 06.95	110923	14 55				
	Eng. 102945-	04.85- 06.95	111093	14 70				
	Eng. -102942	07.82- 03.85	110358	14 55				
	Eng. -016466	07.82- 01.90	112734	14 80				
	AT, Eng. -002087	07.82- 01.90	112734	14 80				
	[M102.945]	04.85- 06.95	110923	14 55		10.87- 06.95	110862	12 1.5
		04.85- 06.95	111093	14 70				
		05.89- 06.95	111149	14 80				
	Eng. -016466	10.87-	112734	14 80				
	AT, Eng. -002087	10.87-	112734	14 80				
	[M102.946]	07.82- 02.96	110735#	14 55		07.82- 01.90	110862	12 1.5
						07.82- 02.96	111347	12 1.2
	[M115.955]	04.77- 10.89	110358	14 55		04.77- 10.89	110862	12 1.5
		04.77- 10.89	110923	14 55				
		04.77- 10.89	111093	14 70				
		04.77- 10.89	112734	14 80				
210 2.9 Diesel	(601)[OM602.940]	10.88- 06.95	110923	14 55		10.88- 06.95	113133	
		10.88- 02.96	111093	14 70		10.88- 06.95	113389	12 2.2
		10.88- 06.95	112734	14 80				
		10.88- 02.96	113768	14 95				
		10.88- 02.96	113866#	14 55				
	Eng. 277089-	11.88- 06.95	112529	14 90				
	Eng. -277088	11.88-	112734	14 80				
	ACPS	10.88- 06.95	110923	14 55				
	AC, PS, Eng. 277089-	10.88- 06.95	112529	14 90				
211 2.1 CDI	(901,902)[OM611.981]	04.00-	112197	14 115 A47		04.00-	111851	12 2.0
		04.00-	112425	14 150				
		04.00- 05.06	114790	14 115 A46				
		04.00- 05.06	115485	14 90 A49				
213 2.1 CDI	(901,902)[OM611.981]	04.00-	112197	14 115 A47		04.00-	111851	12 2.0
		04.00-	112425	14 150				
		04.00- 05.06	114790	14 115 A46				
		04.00- 05.06	115485	14 90 A49				
216 2.7 CDI	(901,902)[OM612.981]	04.00-	112197	14 115 A47		04.00-	112440	12 2.2
		04.00-	112425	14 150		04.00-	111851	12 2.0
		04.00- 05.06	114790	14 115 A46				
		04.00- 05.06	115485	14 90 A49				
220 2.2	(115)[M115.920]	01.68- 07.73	110727			01.68- 07.73	110869	12 1.5
	[M115.924]	01.68- 07.73	110727			01.68- 07.73	110869	12 1.5
220 2.2 Diesel	(115)[OM615.912]	01.68- 01.77	110358	14 55		01.68- 01.77	110368	12 2.3
		01.68- 01.77	110727					
		01.68- 01.77	110730#	14 35				
		01.68- 01.77	110735#	14 55				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



MERCEDES-BENZ Continued

Application list

	(123)[OM615.941]	01.76- 03.81	110358	14 55	01.76- 03.79	110368	12 2.3
230 2.3	(123)[M115.954]	01.76- 03.79	110730#	14 35			
		02.76- 03.81	110358	14 55	02.76- 03.81	110869	12 1.5
		02.76- 03.81	110730#	14 35			
		02.76- 03.81	110735#	14 55			
230 2.3 Kompressor	(208)[M111.982]	06.00- 06.02	113301	14 90	06.00- 06.02	111347	12 1.2
		06.97-	112529	14 90			
240 2.4 Diesel	(115)[OM616.916]	07.73- 12.77	110358	14 55	08.73- 01.77	110368	12 2.3
		08.73- 01.77	110730#	14 35			
		08.73- 01.77	110735#	14 55			
	(123)[OM616.912]	02.76- 11.85	110358	14 55	02.76- 11.85	110368	12 2.3
		02.76- 11.85	110730#	14 35			
		02.76- 11.85	110735#	14 55			
240 2.4 TD	(123)[OM616.912]	02.76- 12.85	110358	14 55	09.77- 12.85	110368	12 2.3
		09.77- 12.85	110735#	14 55			
240 2.6	(209)[M112.912]	06.02-	113302	14 120	05.02-	113282	12 1.4
	(C209)[M112.912]	06.02- 05.09	113302	14 120	06.02- 05.09	113282	12 1.4
					06.02- 05.09	114178	12 1.4
240 3.0 Diesel	(115)[OM617.910]	07.73- 12.77	110358	14 55	08.74- 11.76	110368	12 2.3
		08.74- 11.76	110730#	14 35			
250 2.5	(114)[M114.920]	01.68- 08.72	110358	14 55	01.68- 08.72	110869	12 1.5
	(123)[M123.921]	02.76- 07.85	110358	14 55	02.76- 10.79	110869	12 1.5
					09.79- 07.85	110838	12 1.5
250 2.5 Diesel	(124)[OM602.912]	04.85- 06.93	110923	14 55	04.85- 06.93	111065	12 2.2
		04.85- 06.93	111093	14 70			
250 2.5 TD	(124)[OM602.912]	04.85- 06.93	110923	14 55	09.85- 06.93	111065	12 2.2
	[OM602.962]	04.85- 06.93	110923	14 55	12.84- 06.93	111065	12 2.2
		04.85- 06.93	111093	14 70			
		09.88- 06.93	110735#	14 55			
250 2.8	(114)[M130.923]	06.72- 07.73	110735#	14 55	06.72- 11.76	110869	12 1.5
		08.73- 11.76	110358	14 55			
280 2.7	(114)[M110.921]	06.72- 02.77	110358	14 55	06.72- 11.76	110869	12 1.5
	(123)[M110.923]	02.76- 08.81	110358	14 55	02.76- 08.81	110869	12 1.5
300 3.0 Diesel	(123)[OM617.912]	02.76- 11.85	110358	14 55	02.76- 11.85	110368	12 2.3
		02.76- 11.85	110730#	14 35			
		02.76- 11.85	110735#	14 55			
	(124)[OM603.912]	12.84- 06.93	110923	14 55	12.84- 06.93	111065	12 2.2
		04.85- 06.93	111093	14 70			
	[OM603.960]	01.89- 06.93	111093	14 70	01.89- 06.93	111065	12 2.2
	[OM603.963]	09.86- 01.89	111093	14 70	09.86- 01.89	111065	12 2.2
300 3.0 Diesel 4 Matic	(124)[OM603.913]	09.86- 06.93	110923	14 55	09.86- 06.93	111065	12 2.2
		09.86- 06.93	111093	14 70	07.89- 08.94	113855	24 5.4
300 3.0 TD	(123)[OM617.952]	10.80- 11.85	110358	14 55	10.80- 11.85	110368	12 2.3
	(124)[OM603.960]	09.86- 06.93	111093	14 70	09.86- 06.93	111065	12 2.2
		09.86- 09.88	113768	14 95			
		09.88- 06.93	110923	14 55			
	[OM603.963]	01.88- 06.93	111093	14 70	01.88- 06.93	111065	12 2.2
300 3.0 TD 4 Matic	(124)[OM603.960]	01.89- 06.93	110923	14 55	01.89- 06.93	111065	12 2.2
		01.89- 06.93	111093	14 70			
	[OM603.963]	09.86- 01.89	110923	14 55	09.86- 06.93	111065	12 2.2
		09.86- 09.93	111093	14 70			
		09.86- 09.88	113768	14 95			
307 2.4 Diesel	(602)[OM616.937]	04.77- 01.90	110358	14 55	04.77- 01.90	110368	12 2.3
		04.77- 01.90	110730#	14 35			
	[OM616.939]	06.82- 01.90	110358	14 55	06.82- 01.90	110368	12 2.3
		06.82- 01.90	110730#	14 35			
308 2.1 CDI	(903)[OM611.987]	04.00-	112197	14 115 A47	04.00-	111851	12 2.0
		04.00-	112425	14 150			
		04.00- 05.06	114790	14 115 A46			
		04.00- 05.06	115485	14 90 A49			
308 2.3 Diesel	(601)[OM601.940]	10.88- 06.95	110923	14 55	01.95- 02.96	113133	
		11.88- 02.96	111093	14 70	10.88- 06.95	113389	12 2.2
		11.88- 02.96	113768	14 95			
		11.88- 02.96	113866#	14 55			
	Eng. 281647- 06.89- 06.95		112529	14 90			
	Eng. -281646 10.88-		112734	14 80			
	ACPS 10.88- 05.96		110923	14 55			
	AC, PS, Eng. 281647- 11.88- 05.96		112529	14 90			
	(602)[OM601.940]	06.89- 06.95	110923	14 55	06.89-	113389	12 2.2
		06.89- 02.96	111093	14 70	01.95- 02.96	113133	
		06.89- 02.96	113768	14 95			
	PS Eng. 281647- 06.89- 06.95		112529	14 90			
	PS Eng. -281646 06.89-		112734	14 80			
	Eng. 281647- 06.89- 06.95		112529	14 90			
	Eng. -281646 06.89-		112734	14 80			
	ACPS 06.89- 06.95		110923	14 55			
	AC, Eng. 281647- 06.89- 06.95		112529	14 90			
	AC, Eng. -281646 06.89-		112734	14 80			
309 3.0 Diesel	(602)[OM617.913]	10.82- 01.90	110358	14 55	10.82- 01.90	110368	12 2.3
310 2.9 Diesel	(601)[OM602.940]	10.88- 06.95	110923	14 55	01.95- 02.96	113133	
		06.89- 02.96	111093	14 70	10.88- 06.95	113389	12 2.2
		06.89-	112530	14 120			
		06.89- 02.96	113768	14 95			
		06.89- 02.96	113866#	14 55			
	Eng. 277089- 06.89- 06.95		112529	14 90			
	Eng. -277088 10.88-		112734	14 80			
	ACPS 10.88- 06.95		110923	14 55			
	AC, PS, Eng. 277089- 06.89- 06.95		112529	14 90			



	(602)[OM602.940]	06.89- 06.95	110923	14 55		06.89- 06.95	113389	12 2.2
		06.89- 02.96	111093	14 70		01.95- 02.96	113133	
		06.89- 06.95	112530	14 120				
		06.89- 02.96	113768	14 95				
	PS Eng. 277089-	06.89- 06.95	112529	14 90				
	PS Eng. -277088	06.89-	112734	14 80				
	Eng. 277089-	06.89- 06.95	112529	14 90				
	Eng. -277088	06.89-	112734	14 80				
	ACPS	06.89- 06.95	110923	14 55				
	AC, Eng. 277089-	06.89- 06.95	112529	14 90				
	AC, Eng. -277088	06.89-	112734	14 80				
311 2.1 CDI	(903)[OM611.981]	04.00-	112197	14 115 A47		04.00-	111851	12 2.0
		04.00-	112425	14 150				
		04.00- 05.06	114790	14 115 A46				
		04.00- 05.06	115485	14 90 A49				
313 2.1 CDI	(903)[OM611.981]	04.00-	112197	14 115 A47		04.00-	111851	12 2.0
		04.00-	112425	14 150				
		04.00- 05.06	114790	14 115 A46				
		04.00- 05.06	115485	14 90 A49				
316 2.7 CDI	(903)[OM612.981]	04.00-	112197	14 115 A47		04.00-	112440	12 2.2
		04.00-	112425	14 150		04.00-	111851	12 2.0
		04.00- 05.06	114790	14 115 A46				
		04.00- 05.06	115485	14 90 A49				
320 3.0 CDI	(C219)[OM642.920]	01.05- 12.10	114380	14 180				
320 3.2	(209)[M112.955]	06.02-	113302	14 120		05.02-	113282	12 1.4
405 2.2 Diesel	(T2/L)[OM615]	01.72- 12.80	112098	14 65		01.72- 12.80	110775	12 1.8
	[OM621]	01.72- 12.80	112098	14 65		03.75- 02.78	110775	12 1.8
406 2.2 Diesel	(T2/L)[OM615.910]	01.68- 12.74	110727			01.68- 12.74	110775	12 1.8
407 2.4 Diesel	(T1/TN)[OM616.913]	07.81- 01.89	110358	14 55		07.81- 01.89	110368	12 2.3
	(T2/L)[OM616.910]	01.75- 08.82	110730#	14 35		01.75- 12.88	110775	12 1.8
408 2.0	(T2/L)[M115.I]	01.68- 12.72	110727			01.68- 12.72	110869	12 1.5
	[M115.II]	01.68- 12.72	110727			01.68- 12.72	110869	12 1.5
408 2.2	(T2/L)[M115.921]	01.68- 12.74	112098	14 65		01.68- 12.74	110869	12 1.5
		08.72- 12.74	110727					
	[M115.927]	08.72- 12.74	110727			08.72- 12.74	110869	12 1.5
	[M115.928]	08.72- 12.74	110727			08.72- 12.74	110869	12 1.5
	[M115.929]	08.72- 12.74	110727			08.72- 12.74	110869	12 1.5
408 2.3	(T2/L)[M115.952]	01.75- 08.82	110358	14 55		01.75- 08.82	110869	12 1.5
		01.75- 08.82	110730#	14 35				
408 2.3 Diesel	(T1/TN)[OM601.940]	11.88- 06.95	111093	14 70		11.88- 06.95	113389	12 2.2
		11.88- 06.95	113768	14 95		11.88- 06.95	113133	
		12.93- 06.95	111149	14 80				
		PS 11.88- 06.95	112529	14 90				
		PS 11.88- 06.95	112734	14 80				
		ACPS 11.88- 06.95	110923	14 55				
		AC 11.88- 06.95	112529	14 90				
		AC 11.88- 06.95	112734	14 80				
408 3.8	(T2/L)[OM314.948]					01.70- 01.73	110512	24 5.4
						02.73- 12.74	110524	24 4.0
						01.70- 12.74	110601	24 5.4
409 2.2	(T2/L)[M115.921]	01.68- 12.74	112098	14 65		01.68- 12.74	110869	12 1.5
409 2.3	(T2/L)[M115.952]	01.75- 08.82	110358	14 55		01.75- 08.82	110869	12 1.5
		01.75- 08.82	110730#	14 35				
409 2.4 Diesel	(T1/TN)[OM617.913]	04.82- 01.89	110358	14 55		04.82- 01.89	110368	12 2.3
409 3.0 Diesel	(T1/TN)[OM617.913]	04.82- 01.89	110358	14 55		04.82- 01.89	110368	12 2.3
410 2.3	(T1/TN)[M102.942]	08.82- 06.95	110358	14 55		08.82- 06.95	111347	12 1.2
		08.82- 06.95	111149	14 80				
		08.82- 06.95	112734	14 80				
		04.85- 06.95	110923	14 55				
		04.85- 06.95	111093	14 70				
	[M102.945]	08.82- 03.85	110358	14 55		08.82- 06.95	111347	12 1.2
		08.82- 06.95	112734	14 80				
		04.85- 06.95	110923	14 55				
		04.85- 06.95	111093	14 70				
		12.93- 06.95	111149	14 80				
	(T2/L)[M102.943]	08.82- 12.88	110358	14 55		08.82- 12.88	110862	12 1.5
410 2.9 Diesel	(T1/TN)[OM602.940]	11.88- 06.95	111093	14 70		11.88- 06.95	113389	12 2.2
		11.88- 06.95	112529	14 90		11.88- 06.95	113133	
		11.88- 06.95	112734	14 80				
		11.88- 06.95	113768	14 95				
		ACPS 11.88- 06.95	110923	14 55				
500 4.7	(R231)[M278.927]	04.96- 01.98	111891#	14 70		08.96- 01.98	111123	12 0.9
507 2.4 Diesel	(T2/LN1)[OM616.914]	04.86- 04.89	110358	14 55		04.86- 04.89	110368	12 2.3
508 2.3 Diesel	(T2/LN1)[OM601.941]	03.89- 12.94	111093	14 70		03.89- 02.01	111065	12 2.2
		03.89- 12.94	113866#	14 55				
		12.93- 02.01	111149	14 80				
		PS 03.89- 03.94	110923	14 55				
		AC 03.89- 02.01	112734	14 80				
508 3.8	(T2/L)[OM314.946]	06.72- 08.82	111141	14 55		01.70- 12.88	110601	24 5.4
		09.72- 12.88	110906	28 30		09.72- 12.88	110524	24 4.0
		09.72- 06.88	113920	28 35		01.70- 03.73	110512	24 5.4
		08.79- 03.81	110751	14 35				
		09.82- 10.86	110113	28 27				
		11.86- 12.88	110895	28 55				
	[OM314.948]	06.72- 06.88	111141	14 55		02.73- 12.88	110524	24 4.0
		08.79- 03.81	110751	14 35		01.70- 12.88	110601	24 5.4
		09.82- 10.86	110113	28 27		01.70- 03.73	110512	24 5.4
		11.86- 12.88	110895	28 55				
		11.86- 12.88	110906	28 30				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



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	[OM314.959]	09.72- 06.88	111141	14 55		09.72- 06.88	110524	24 4.0
	[OM314.961]					09.72- 06.88	110524	24 4.0
	[OM314.962]	09.72- 06.88	110895	28 55		09.72- 06.88	110524	24 4.0
	[OM314.963]	09.72- 06.88	110906	28 30		09.72- 06.88	110524	24 4.0
		09.72- 06.88	113920	28 35				
510 2.3	(T2/LN1)[M102.946]	04.86- 03.94	110923	14 55		04.86- 02.01	110862	12 1.5
		04.86- 02.01	111093	14 70				
		04.86- 02.01	112734	14 80				
		12.93- 02.01	111149	14 80				
512 2.9	[OM602.984]	09.96-	111883	14 115		09.96-	111851	12 2.0
		09.96-	111890	14 90				
608 3.8	(T2/L)[OM314.946]					02.84- 12.88	110601	24 5.4
	Chas. 059069-	02.84- 12.88	111141	14 55		02.84- 12.88	110512	24 5.4
	[OM314.948]	08.79- 03.81	110751	14 35		01.70- 12.88	110601	24 5.4
		04.81- 08.82	111141	14 55	Chas. 017518-	01.70- 12.88	110512	24 5.4
		09.82- 10.86	110113	28 27				
		09.82- 12.88	110895	28 55				
		11.86- 12.88	110906	28 30				
	[OM314.961]	02.84- 12.88	110895	28 55		02.84- 12.88	110512	24 5.4
						02.84- 12.88	110601	24 5.4
	[OM314.963]	02.84- 12.88	110906	28 30		02.84- 12.88	110512	24 5.4
		02.84- 12.88	113920	28 35		02.84- 12.88	110601	24 5.4
	[OM314.967]	01.70- 03.81	110751	14 35		01.70- 12.88	110601	24 5.4
		04.81- 08.82	111141	14 55	Eng. -145162	01.70- 12.88	110512	24 5.4
		09.82- 10.86	110113	28 27				
		09.82- 12.88	110895	28 55				
		11.86- 12.88	110906	28 30				
609 4.0	(T2/LN1)[OM364.906]	04.86- 12.94	110358	14 55		04.86- 02.01	110524	24 4.0
		04.86- 02.01	113920	28 35		04.86- 02.01	113979	24 4.0
		11.86- 02.91	110895	28 55				
		11.86- 02.91	110906	28 30				
	[OM364.919]	04.86- 12.94	110358	14 55		04.86- 02.01	110524	24 4.0
		04.86- 09.01	113920	28 35		04.86- 09.01	113979	24 4.0
		11.86- 02.91	110895	28 55				
		11.86- 02.91	110906	28 30				
611 4.0	(T2/LN1)[OM354.901]	06.94- 09.01	113920	28 35		06.94- 09.01	113979	24 4.0
	[OM354.902]	06.94- 12.94	111154	14 65		06.94- 12.94	114523	24 4.0
		06.94- 09.01	113920	28 35		06.94- 01.01	111982	24 4.0
						06.94- 09.01	110524	24 4.0
						06.94- 09.01	113979	24 4.0
						06.94- 09.01	115514	24 4.0 A49
612 2.9	[OM602.985]					09.96-	111851	12 2.0
613 4.3	[OM904.908]	09.96- 04.00	112561	28 80		09.96- 04.00	111982	24 4.0
		09.96- 04.00	113351	28 100		09.96- 04.00	115514	24 4.0 A49
		09.96- 04.00	113448	28 100		09.96- 04.00	114523	24 4.0
		09.96- 04.00	115497	28 100 A49				
613 5.7	(T2/L)[OM353.963]	04.77- 08.82	111141	14 55		04.77- 12.88	110525	12 3.0
		08.79- 03.81	110751	14 35				
		09.82- 10.86	110113	28 27				
		11.86- 12.88	110895	28 55				
		11.86- 12.88	110906	28 30				
	[OM353.966]	04.77- 08.82	111141	14 55		04.77- 12.88	110525	12 3.0
		08.79- 03.81	110751	14 35				
		09.82- 10.86	110113	28 27				
		11.86- 12.88	110895	28 55				
		11.86- 12.88	110906	28 30				
614 4.3	[OM904.908]	09.96-	112561	28 80		09.96-	111982	24 4.0
		09.96-	113448	28 100		09.96- 04.00	114523	24 4.0
						09.96- 01.01	115514	24 4.0 A49
615 4.3	[OM904.923]	09.98-	112561	28 80		09.98-	111982	24 4.0
		09.98-	113448	28 100		09.98-	114523	24 4.0
						09.98- 01.01	115514	24 4.0 A49
616 4.3	[OM904.923]	09.98-	112561	28 80		09.98-	114523	24 4.0
		09.98-	113351	28 100		09.98-	115514	24 4.0 A49
		09.98-	113448	28 100		09.98-	111982	24 4.0
		09.98-	115497	28 100 A49				
709 4.0	(T2/LN1)[OM364.906]	04.86- 02.01	110895	28 55		04.86- 02.01	110524	24 4.0
		04.86- 02.01	112159	28 80		04.86- 02.01	113979	24 4.0
		04.86- 02.01	113920	28 35				
	[OM364.912]	04.86- 12.94	110895	28 55		04.86-	110524	24 4.0
		04.86- 12.94	112159	28 80		04.86- 02.01	113979	24 4.0
		04.86- 02.01	113920	28 35				
	[OM364.921]	04.86- 12.94	110895	28 55		04.86-	110524	24 4.0
		04.86- 12.94	112159	28 80		04.86- 02.01	113979	24 4.0
		04.86- 02.01	113920	28 35				
711 4.0	(T2/LN1)[OM354.902]	06.94- 02.01	110895	28 55		06.94- 02.01	110524	24 4.0
		06.94- 02.01	112159	28 80				
		06.94- 02.01	113920	28 35				
	[OM354.903]	06.94- 02.01	110895	28 55		06.94-	110524	24 4.0
		06.94- 02.01	112159	28 80				
		06.94- 02.01	113920	28 35				
	[OM364.950]	04.86- 02.01	112159	28 80		04.86- 02.01	110524	24 4.0
		04.86- 02.01	113920	28 35		04.86- 02.01	113979	24 4.0
	[OM364.952]	04.86- 02.01	112159	28 80		04.86- 02.01	110524	24 4.0
		04.86- 02.01	113920	28 35		04.86- 02.01	113979	24 4.0
	[OM364.957]	04.86- 12.94	111154	14 65		02.92- 02.01	113979	24 4.0
		02.92- 02.01	113920	28 35		02.92- 02.01	110524	24 4.0



714 4.0	(T2/LN1)[OM354.923]	06.94- 02.01	110895	28 55	06.94- 02.01	110524	24 4.0
		06.94- 02.01	112159	28 80			
		06.94- 02.01	113920	28 35			
		01.98- 02.01	112561	28 80			
809 4.0	(T2/LN1)[OM364.906]	04.86- 02.01	110895	28 55	04.86- 02.01	113979	24 4.0
		04.86- 02.01	112159	28 80			
		04.86- 02.01	113920	28 35			
		11.86- 02.91	110906	28 30			
	[OM364.911]	03.86- 10.86	110113	28 27	04.86- 02.01	113979	24 4.0
		04.86- 02.91	110895	28 55			
		04.86-	112159	28 80			
		04.86- 02.01	113920	28 35			
	[OM364.920]	04.86-	110895	28 55	04.86- 12.94	113979	24 4.0
		04.86-	112159	28 80			
		04.86- 12.94	113920	28 35			
		11.86- 02.91	110906	28 30			
	[OM364.921]	04.86- 10.86	110113	28 27	04.86- 02.01	110524	24 4.0
		11.86- 02.01	110895	28 55			
11.86- 02.91		110906	28 30				
02.92-		112159	28 80				
02.92- 12.94		113920	28 35				
02.92-		113920	28 35				
810 4.0	(T2/LN1)[OM354.903]	04.86- 02.01	113920	28 35	04.86- 02.01	110524	24 4.0
		06.94- 02.01	110895	28 55			
		06.94- 02.01	112159	28 80			
		06.96- 02.01	112561	28 80			
		06.96- 02.01	113448	28 100			
811 4.0	(T2/LN1)[OM354.901]	04.86- 12.94	113920	28 35	04.86- 12.94	113979	24 4.0
		06.94-	110895	28 55			
		06.94-	112159	28 80			
	[OM364.950]	04.86- 02.01	113920	28 35	04.86- 02.01	110524	24 4.0
		03.96- 02.01	112561	28 80			
	[OM364.952]	04.86- 02.01	113920	28 35	04.86- 02.01	113979	24 4.0
		03.96- 02.01	112561	28 80			
	[OM364.958]	02.92-	110895	28 55	04.86- 02.01	110524	24 4.0
		02.92- 12.94	113920	28 35			
		03.96-	112561	28 80			
812 2.9	[OM602.985]	09.96-	111883	14 115	09.96-	111851	12 2.0
		09.96-	111890	14 90			
812 4.3	[OM904.908]	09.96-	112561	28 80	09.96-	111982	24 4.0
		09.96-	113448	28 100			
		09.96-	113448	28 100			
[OM904.923]	09.96-	113448	28 100	09.96- 01.01	115514	24 4.0 A49	
	09.96-	114523	24 4.0				
	09.96- 01.01	115514	24 4.0 A49				
813 4.3	[OM904.908]	09.96-	112561	28 80	09.96-	111982	24 4.0
		09.96-	113351	28 100			
		09.96-	113448	28 100			
		09.96-	115497	28 100 A49			
814 4.0	(T2/LN1)[OM354.924]	04.86- 12.94	113920	28 35	04.86- 12.94	113979	24 4.0
		06.94-	110895	28 55			
	[OM354.925]	11.87- 12.94	113920	28 35	11.87- 12.94	113979	24 4.0
		06.94-	110895	28 55			
	[OM364.981]	11.87- 02.01	113920	28 35	11.87- 02.01	110524	24 4.0
		11.87- 02.01	113920	28 35			
	[OM364.984]	01.91- 12.94	113920	28 35	01.91-	110524	24 4.0
		01.91- 12.94	113920	28 35			
	[OM364.986]	11.87- 12.94	113920	28 35	02.92-	110524	24 4.0
		11.87- 12.94	113920	28 35			
02.92- 12.94		113920	28 35				
[OM364.987]	02.92- 12.94	113920	28 35	02.92- 12.94	110524	24 4.0	
	02.92- 12.94	113920	28 35				
814 4.3	[OM904.908]	09.96-	112561	28 80	09.96-	111982	24 4.0
		09.96-	113448	28 100			
		09.96- 01.01	115514	24 4.0 A49			
815 4.3	[OM904.923]	09.96-	111982	24 4.0	09.96-	111982	24 4.0
		09.96-	112561	28 80			
		09.96-	113351	28 100			
		09.96-	114523	24 4.0			
		09.96-	113448	28 100			
816 4.3	[OM904.923]	09.96-	115497	28 100 A49	09.96- 01.01	115514	24 4.0 A49
		09.96-	112561	28 80			
		09.96-	113351	28 100			
		09.96-	113448	28 100			
190 E 1.8	(201)[M102.910]	04.90- 08.93	111354	14 70	04.90- 08.93	111347	12 1.2
		04.90- 08.93	111354	14 70			
		04.90- 08.93	111354	14 70			
		04.90- 08.93	111354	14 70			
190 E 2.0	(201)[M102.961]	10.82- 08.86	110358	14 55	10.82- 05.85	110862	12 1.5
		10.82- 06.93	110735#	14 55			
		09.85- 08.93	110923	14 55			
		09.85- 08.90	111093	14 70			
		09.90- 08.93	111354	14 70			
	[M102.962]	10.82- 08.86	110358	14 55	10.82- 12.86	110862	12 1.5
		10.82- 06.93	110735#	14 55			
		01.85- 08.93	110923	14 55			
		02.85- 08.90	111093	14 70			
		09.90- 08.93	111354	14 70			
190 E 2.3	(201)[M102.983]	04.84- 01.87	110923	14 55	04.84- 05.85	110862	12 1.5
		04.84- 08.88	111093	14 70			
		PS 09.85- 08.88	111093	14 70			
	[M102.985]	09.86- 08.93	110923	14 55	09.86- 08.93	111347	12 1.2
		09.86- 08.90	111093	14 70			
		09.90- 08.93	111354	14 70			

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





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190 E 2.5	(201)[M102.990]	09.88- 08.93	110923	14 55	09.88- 08.93	111347	12 1.2
		09.88- 08.93	111093	14 70			
		PS 09.88- 08.93	111093	14 70			
	[M102.991]	03.89- 08.93	110923	14 55	03.89- 08.93	111347	12 1.2
		03.89- 08.93	111093	14 70			
190 E 2.5 Evolution II	(201)[M102.992]	03.89- 04.90	110923	14 55	05.90- 08.93	111347	12 1.2
		05.90- 08.93	111093	14 70			
		PS 05.90- 08.93	111354	14 70			
190 E 2.6	(201)[M103.942]	09.86- 12.89	111093	14 70	09.86- 08.93	112315	
		09.86- 12.89	112734	14 80			
		01.90- 08.93	111354	14 70			
190 SL 1.9	(121)[M121B]				01.55- 12.63	110206	24 5.4
200 E 2.0	(124)[M102.962]	09.88- 12.89	110923	14 55	09.88- 12.89	111347	12 1.2
		09.88- 12.89	111093	14 70			
	[M102.963]	12.84- 08.92	110923	14 55	09.88- 08.92	111347	12 1.2
		04.85- 08.92	111093	14 70			
	[M111.940]	10.92- 06.93	111354	14 70	10.92- 06.93	111347	12 1.2
		10.92- 06.93	111369	14 90			
200 GE 2.0	(W463)[M102.965]				01.90- 07.93	110862	12 1.5
220 CE 2.2	(124)[M111.960]	10.92- 05.93	111354	14 70	10.92- 05.93	111347	12 1.2
		10.92- 05.93	111369	14 90			
220 E 2.2	(124)[M111.960]	10.92- 06.93	111354	14 70	10.92- 06.93	111347	12 1.2
		10.92- 06.93	111369	14 90			
230 C 2.3	(123)[M115.954]	02.76- 03.81	110358	14 55	05.77- 04.80	110869	12 1.5
		05.77- 04.80	110730#	14 35			
		05.77- 04.80	110735#	14 55			
230 CE 2.3	(123)[M102.980]	04.80- 12.85	110358	14 55	04.80- 12.85	110862	12 1.5
		04.80- 12.85	110735#	14 55			
	(124)[M102.982]	03.87- 12.92	110923	14 55	03.87- 12.92	111347	12 1.2
		03.87- 12.92	111093	14 70			
		Eng. 178859- 03.87- 12.92	111354	14 70			
	AT, Eng. -190930	03.87- 12.92	110923	14 55			
230 E 2.3	(123)[M102.980]	04.80- 12.85	110358	14 55	04.80- 12.85	110862	12 1.5
		04.80- 12.85	110735#	14 55			
	(124)[M102.982]	12.84- 06.93	110923	14 55	12.84- 06.93	111347	12 1.2
		01.85- 06.93	111093	14 70			
		Eng. 178859- 01.85- 06.93	111354	14 70			
	AT, Eng. 190931-	12.84- 08.92	111354	14 70			
230 G 2.3	(460)[M115.973]	03.79- 05.80	110358	14 55	03.79- 12.81	110869	12 1.5
		03.79- 07.93	110735#	14 55	01.82- 07.93	110862	12 1.5
230 GE 2.3	(460)[M102.979]				05.87- 08.92	110862	12 1.5
	[M102.981]				04.82- 08.85	110862	12 1.5
	[M102.987]				09.85- 08.92	110862	12 1.5
	(461)[M102.979]				02.93- 08.93	110862	12 1.5
					02.93-	111065	12 2.2
	[M102.996]				06.93-	110862	12 1.5
	[M102.997]				06.93-	110862	12 1.5
	(463)[M102.989]				06.90- 06.93	110862	12 1.5
				09.93-	111065	12 2.2	
230 SL 2.3	(113)[M127.981]				01.63- 01.67	110206	24 5.4
230.4 2.3	(115)[M115.951]	07.73- 12.77	110358	14 55	08.73- 12.76	110869	12 1.5
		08.73- 12.76	110730#	14 35			
		08.73- 12.76	110735#	14 55			
230.6 2.3	(114)[M180.954]	01.68- 11.76	110358	14 55	01.68- 11.76	110869	12 1.5
240 G 2.4 Diesel	(460)[OM616.936]	03.79- 05.80	110358	14 55	03.79- 08.87	110368	12 2.3
250 C 2.5	(114)[M114.920]	04.69- 12.70	110727		04.69- 06.72	110869	12 1.5
		04.69- 06.72	110735#	14 55			
250 C 2.9	(114)[M130.923]	06.72- 07.73	110735#	14 55	06.72- 11.76	110869	12 1.5
		08.73- 11.76	110358	14 55			
250 CE 2.5	(114)[M114.980]	04.69- 12.70	110727		04.69- 04.72	110869	12 1.5
		01.71- 04.72	110735#	14 55			
250 G 2.5 Diesel	(460)[OM602.930]				10.87- 12.92	114319	24 2.5
	(463)[OM602.931]				09.89-	111065	12 2.2
					06.90-	114319	24 2.5
260 E 2.6	(124)[M103.940]	09.85- 12.89	111093	14 70	09.85- 08.92	112315	
		09.86- 08.89	112734	14 80			
		01.90- 08.92	111354	14 70			
260 E 2.6 4 Matic	(124)[M103.940]	12.86- 12.89	111093	14 70	12.86- 12.89	112315	
		12.86- 08.89	112734	14 80			
	[M103.943]	09.86- 12.89	111093	14 70	09.86- 08.92	112315	
		09.86- 08.89	112734	14 80			
		01.90- 08.92	111354	14 70			
260 SE 2.5	(126)[M103.941]	09.85- 06.91	112734	14 80	09.85- 06.91	112315	
280 C 2.7	(114)[M110.921]	06.72- 02.77	110358	14 55	06.72- 02.77	110869	12 1.5
	(123)[M110.923]	02.76- 11.85	110358	14 55	03.77- 03.80	110869	12 1.5
280 CE 2.7	(114)[M110.981]	06.72- 01.77	110358	14 55	06.72- 01.77	110869	12 1.5
	(123)[M110.988]	02.76- 11.85	110358	14 55	03.77- 11.85	110869	12 1.5
		03.77- 11.85	110735#	14 55			
280 E 2.7	(114)[M110.981]	06.72- 11.76	110358	14 55	06.72- 11.76	110869	12 1.5
	(123)[M110.984]	02.76- 11.85	110358	14 55	02.76- 11.85	110869	12 1.5
		02.76- 11.85	110735#	14 55			
	[M110.988]	02.76- 11.85	110358	14 55	02.76- 11.85	110869	12 1.5
		02.76- 11.85	110735#	14 55			
280 E 2.8	(123)[M110.988]	02.76- 11.85	110358	14 55	09.77- 11.85	110869	12 1.5
		09.77- 11.85	110735#	14 55			
	(124)[M104.942]	10.92- 06.93	111369	14 90	10.92- 06.93	112315	
280 GE 2.7	(460)[M110.994]	11.79- 05.80	110358	14 55	11.79- 08.89	110838	12 1.5
280 S 2.7	(116)[M110.922]	08.72- 07.80	110358	14 55	08.72- 07.80	110869	12 1.5



	(126)[M110.924]	08.82- 07.85	111149	14	80		03.80- 07.85	110838	12	1.5
	[M110.926]	08.82- 07.85	111149	14	80		12.79- 02.80	110869	12	1.5
280 S 2.8	(108)[M130.920]	10.67- 12.70	110727				03.80- 07.85	110838	12	1.5
		06.69- 07.72	110735#	14	55		10.67- 07.72	110869	12	1.5
280 SE 2.7	(116)[M110.983]	08.72- 07.76	110358	14	55		08.72- 07.76	110869	12	1.5
	[M110.985]	08.72- 07.80	110358	14	55		08.72- 07.80	110869	12	1.5
							RHD 10.76- 07.80	110997	12	0.8
	(126)[M110.987]	08.82- 07.85	111149	14	80		10.79- 07.85	110838	12	1.5
	[M110.989]	08.82- 07.85	111149	14	80		10.79- 07.85	110838	12	1.5
280 SE 2.8	(108,109)[M130.980]	01.68- 12.71	110727				01.68- 08.72	110869	12	1.5
		AC 06.69- 12.71	110735#	14	55					
	(111)[M130.980]	01.68- 12.71	110727				10.68- 12.71	110869	12	1.5
		AC 06.69- 12.71	110735#	14	55		01.68- 09.68	110997	12	0.8
280 SE 3.5	(108)[M116.980]						03.71- 08.72	110869	12	1.5
	(111)[M116.980]						01.69- 12.71	110869	12	1.5
280 SEL 2.7	(116)[M110.983]	08.72- 07.76	110358	14	55					
	[M110.985]	08.76- 07.80	110358	14	55		08.76- 07.80	110869	12	1.5
							RHD 10.76- 07.80	110997	12	0.8
	(126)[M110.987]	08.82- 07.85	111149	14	80		10.79- 02.80	110869	12	1.5
							12.79- 07.85	110838	12	1.5
	[M110.989]	08.82- 07.85	111149	14	80		10.79- 02.80	110869	12	1.5
							12.79- 07.85	110838	12	1.5
280 SL 2.7	(107)[M110.982]	08.74- 11.80	110358	14	55		08.74- 07.85	110869	12	1.5
	[M110.986]	08.74- 11.80	110358	14	55		08.74- 07.85	110869	12	1.5
	[M110.990]	08.74- 11.80	110358	14	55		08.74- 07.85	110869	12	1.5
	(113)[M130.983]	01.68- 03.71	110727				01.68- 09.68	110997	12	0.8
							10.68- 12.71	110869	12	1.5
280 SLC 2.8	(107)[M110.982]	08.74- 09.81	110358	14	55		08.74- 09.81	110869	12	1.5
	[M110.986]	08.74- 09.81	110358	14	55		08.74- 09.81	110869	12	1.5
	[M110.990]	08.74- 09.81	110358	14	55		08.74- 09.81	110869	12	1.5
280 TE 2.8	(124)[M104.942]	10.92- 06.93	111369	14	90		10.92- 06.93	112315		
290 G 2.9 TD	(461)[OM602.983]	07.97-	111890	14	90		04.92-	111065	12	2.2
							07.97-	114319	24	2.5
300 C 2.9 TD	(123)[OM617.952]	09.81- 07.85	110358	14	55		09.81- 07.85	110368	12	2.3
300 CE-24 3.0	(124)[M104.980]						09.89- 06.93	112315		
300 E 2.9	(124)[M103.980]	01.85- 12.85	111093	14	70		06.85- 12.85	112315		
							01.85- 05.85	110862	12	1.5
300 E 3.0	(124)[M103.983]	06.85- 12.89	111093	14	70		06.85- 08.92	112315		
		09.86- 08.89	112734	14	80					
		09.89- 08.92	111354	14	70					
300 E 3.0 4 Matic	(124)[M103.983]	09.86- 12.89	111093	14	70		09.86- 02.92	112315		
		09.86- 08.89	112734	14	80					
		01.90- 02.92	111354	14	70					
	[M103.985]	09.86- 12.89	111093	14	70		09.86- 06.93	112315		
		09.86- 08.89	112734	14	80					
		01.90- 06.93	111354	14	70					
300 E-24 3.0	(124)[M104.980]	09.89- 08.92	112539	14	110		09.88- 08.92	112315		
300 G 3.0 Diesel	(460)[OM603.912]						09.89- 07.93	111065	12	2.2
	[OM617.931]	12.79- 05.80	110358	14	55		12.79- 12.91	110368	12	2.3
	(463)[OM603.931]						09.89-	111065	12	2.2
							01.95- 01.98	113133		
							09.89- 09.97	114319	24	2.5
300 GE 3.0	(463)[M103.987]	08.90- 08.93	111149	14	80		09.89-	111065	12	2.2
							06.90- 08.93	110862	12	1.5
							01.95- 01.98	113133		
300 SE 2.9	(126)[M103.981]	09.85- 06.91	112734	14	80		09.85- 06.91	112315		
300 SE 3.2	(140)[M104.990]	03.91- 10.98	112775	14	70		03.91- 05.93	112315		
							01.95- 10.98	113133		
	[M104.994]	03.91- 10.98	112775	14	70		03.91- 05.93	112315		
							01.95- 10.98	113133		
300 SEL 2.8	(108)[M130.981]	01.68- 12.70	110727				01.68- 08.72	110869	12	1.5
		06.69- 08.72	110735#	14	55					
300 SEL 2.9	(126)[M103.981]	06.85- 06.91	112734	14	80		09.85- 06.91	112315		
300 SEL 3.2	(140)[M104.990]	03.91- 10.98	112775	14	70		03.91- 05.93	112315		
							01.95- 10.98	113133		
	[M104.994]	03.91- 10.98	112775	14	70		01.95- 10.98	113133		
		05.93- 10.98	112194	14	120		05.93- 10.98	112315		
300 SEL 3.5	(108)[M116.981]						01.70- 07.72	110869	12	1.5
300 SEL 6.3	(108)[M100.981]	01.71- 08.72	110735#	14	55					
300 SL 2.9	(107)[M103.982]	09.85- 08.89	111093	14	70		09.85- 08.89	112315		
300 SL 3.0	(129)[M103.984]	03.89- 08.93	112530	14	120		03.89- 08.93	112315		
			112774#	14	100					
300 SL-24 3.0	(129)[M104.981]						03.89- 07.93	112315		
320 CE 3.2	(124)[M104.992]	10.92- 05.93	111369	14	90		10.92- 05.93	112315		
320 E 3.2	(124)[M104.992]	10.92- 06.93	111369	14	90		10.92- 06.93	112315		
350 G 3.4 TD	(463)[OM603.972]	09.91- 09.97	113768	14	95					
		07.94- 06.96	112529	14	90					
350 SE 3.5	(116)[M116.983]	08.72- 02.76	110358	14	55		08.72- 02.76	110869	12	1.5
			110735#	14	55					
	[M116.985]	08.74- 04.80	110358	14	55		03.76- 03.80	110869	12	1.5
			110735#	14	55					
350 SEL 3.5	(116)[M116.983]	08.72- 02.76	110358	14	55		08.72- 02.76	110869	12	1.5
			110735#	14	55					
	[M116.985]	08.74- 04.80	110358	14	55		03.76- 03.80	110869	12	1.5
			110735#	14	55					
350 SL 3.5	(107)[M116.982]	05.71- 02.80	110358	14	55		05.71- 02.80	110869	12	1.5
			110735#	14	55					

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





MERCEDES-BENZ Continued

Application list

	[M116.984]	05.71- 02.80	110358	14 55	05.71- 02.80	110869	12 1.5
		05.71- 02.80	110735#	14 55			
350 SLC 3.5	(107)[M116.982]	01.72- 02.80	110358	14 55	01.72- 02.80	110869	12 1.5
		01.72- 02.80	110735#	14 55			
	[M116.984]	01.72- 02.80	110358	14 55	01.72- 02.80	110869	12 1.5
		01.72- 02.80	110735#	14 55			
380 SE 3.8	(126)[M116.961]	01.82- 08.85	111149	14 80	12.79- 08.85	110869	12 1.5
	[M116.963]	01.82- 08.85	111149	14 80	12.79- 08.85	110869	12 1.5
380 SEC 3.8	(126)[M116.963]	01.82- 07.85	111149	14 80	10.81- 07.85	110869	12 1.5
380 SEL 3.8	(126)[M116.961]	01.82- 08.85	111149	14 80	12.79- 08.85	110869	12 1.5
	[M116.963]	01.82- 08.85	111149	14 80	12.79- 08.85	110869	12 1.5
380 SL 3.8	(107)[M116.960]				09.80- 08.81	110869	12 1.5
	[M116.962]	08.82- 08.85	111149	14 80	09.80- 08.85	110869	12 1.5
380 SLC 3.8	(107)[M116.960]				07.80- 08.81	110869	12 1.5
400 E 4.2	(124)[M119.975]	10.92- 06.93	112539	14 110	10.92- 06.93	113133	
400 SE 4.2	(140)[M119.971]	02.91- 05.93	111850	14 143	02.91- 10.98	113133	
		Eng. 011683- 02.91- 05.93	112539	14 110			
400 SEL 4.2	(140)[M119.971]	06.93- 09.95	111850	14 143	02.91- 10.98	113133	
		Eng. 011683- 06.93- 09.95	112539	14 110			
406F 2.2 Diesel	(T2/L)[OM615.910]	01.68- 12.74	110727		01.68- 12.74	110775	12 1.8
420 SE 4.2	(126)[M116.965]	09.85- 06.91	111149	14 80	10.85- 12.87	110869	12 1.5
420 SEC 4.2	(126)[M116.965]	10.85- 06.91	111149	14 80	10.85- 08.87	110869	12 1.5
420 SEL 4.2	(126)[M116.965]	09.85- 06.91	111149	14 80	09.85- 08.87	110869	12 1.5
420 SL 4.1	(107)[M116.964]				01.86- 08.87	110869	12 1.5
420 SL 4.2	(107)[M116.964]				01.86- 08.87	110869	12 1.5
450 SE 4.5	(116)[M117.983]	01.73- 04.80	110735#	14 55	01.73- 11.75	110869	12 1.5
		08.74- 11.75	110358	14 55			
	[M117.986]	01.73- 04.80	110735#	14 55	12.75- 04.80	110869	12 1.5
		12.75- 04.80	110358	14 55			
450 SEL 4.5	(116)[M117.983]	01.73- 04.80	110735#	14 55	01.73- 11.75	110869	12 1.5
		08.74- 11.75	110358	14 55			
	[M117.986]	01.73- 04.80	110735#	14 55	12.75- 04.80	110869	12 1.5
		12.75- 04.80	110358	14 55			
450 SEL 6.9	(116)[M100.985]	07.75- 03.80	110358	14 55	07.75- 03.80	110869	12 1.5
450 SL 4.5	(107)[M117.982]	10.72- 10.82	110735#	14 55	10.72- 10.80	110869	12 1.5
		08.74- 10.80	110358	14 55			
	[M117.985]	10.72- 10.80	110735#	14 55	10.72- 10.80	110869	12 1.5
		08.74- 10.80	110358	14 55			
450 SLC 4.5	(107)[M117.982]	01.73- 08.79	110358	14 55	01.73- 08.79	110869	12 1.5
		09.75- 08.79	110735#	14 55			
	[M117.985]	01.73- 08.79	110358	14 55	01.73- 08.79	110869	12 1.5
		09.75- 08.79	110735#	14 55			
450 SLC 5.0	(107)[M117.960]	06.78- 02.80	110358	14 55	06.78- 02.80	110869	12 1.5
		06.78- 02.80	110735#	14 55			
500 E 5.0	(124)[M119.974]	01.91- 06.93	112539	14 110			
500 E AMG 6.0	(124)[M119.974]	01.92- 06.93	112539	14 110			
500 SE 4.9	(126)[M117.961]	01.82- 08.85	111149	14 80	12.79- 08.85	110869	12 1.5
	[M117.963]	01.82- 08.85	111149	14 80	12.79- 08.85	110869	12 1.5
	[M117.965]	09.85- 06.91	111149	14 80	09.85- 08.87	110869	12 1.5
500 SE 5.0	(126)[M117.965]	09.85- 06.91	111149	14 80	09.85- 08.87	110869	12 1.5
	(140)[M119.970]	02.91- 05.93	111850	14 143			
		02.91- 05.93	112539	14 110			
		Eng. 026391- 02.91- 05.93	112539	14 110			
500 SEC 4.9	(126)[M117.963]	08.82- 08.85	111149	14 80	10.81- 08.85	110869	12 1.5
	[M117.965]	09.85- 06.91	111149	14 80	09.85- 08.87	110869	12 1.5
500 SEC 5.0	(126)[M117.965]	01.82- 06.91	111149	14 80	09.85- 08.87	110869	12 1.5
500 SEL 5.0	(126)[M117.961]	01.82- 08.85	111149	14 80	12.79- 08.85	110869	12 1.5
	[M117.963]	01.82- 08.85	111149	14 80	12.79- 08.85	110869	12 1.5
	[M117.965]	09.85- 06.91	111149	14 80	09.85- 08.87	110869	12 1.5
	(140)[M119.970]	02.91- 05.93	111850	14 143			
		02.91- 05.93	112539	14 110			
500 SL 4.9	(107)[M117.960]	01.82- 12.85	111149	14 80	05.80- 12.85	110869	12 1.5
	[M117.964]				01.86- 08.89	110869	12 1.5
500 SL 5.0	(129)[M119.960]	09.89- 08.92	112774#	14 100			
		09.92- 06.93	111850	14 143			
		09.92- 06.93	112539	14 110			
	[M119.972]	09.89- 08.92	112774#	14 100			
		09.92- 06.93	111850	14 143			
		09.92- 06.93	112539	14 110			
560 SE 5.5	(126)[M117.968]	10.85- 06.91	111149	14 80			
560 SEC 5.5	(126)[M117.968]	10.85- 06.91	111149	14 80	10.85- 12.89	110869	12 1.5
560 SEL 5.5	(126)[M117.968]	10.85- 06.91	111149	14 80	10.85- 12.87	110869	12 1.5
600 SE 6.0	(140)[M120.980]	04.91- 12.92	111850	14 143			
	[M120.982]	Eng. 025950- 04.91- 12.92	111850	14 143			
600 SEL 6.0	(140)[M120.980]	Eng. 025950- 04.91- 12.92	111850	14 143			
	[M120.982]	Eng. 025950- 04.91- 12.92	111850	14 143			
A 140 1.4	(168)[M166.940]	07.97-	111967	14 90	07.97-	111931	12 1.1
A 140 1.6	(168)[M166.960]	01.01-	111967	14 90	01.01-	111931	12 1.1
					01.01- 08.04	113756	12 0.8
A 150 1.5	(169)[M266.920]	09.04-	115418*	14 90	09.04-	111931	12 1.1
A 160 1.5	(W169)[M266.920]	04.09-	115418*	14 90			
		A25 04.09-	114046	14 130			
A 160 1.6	(168)[M166.960]	07.97-	111967	14 90	07.97-	111931	12 1.1
A 160 1.7 CDI	(168)[OM668.940]	02.01-	113251	14 150			
	[OM668.941]	07.98-	111943	14 90			
A 160 2.0 CDI	(169)[OM640.942]	09.04-	114042	14 180	09.04-	113756	12 0.8
		09.04-	114130	14 150			
A 170 1.7	(169)[M266.940]	09.04-	115418*	14 90	09.04-	111931	12 1.1



	(W169)[M266.940]	04.09-	115418*	14 90				
		A25 04.09-	114046	14 130				
A 170 1.7 CDI	(168)[OM668.940]	07.98-	111943	14 90				
		07.98- 02.01	113251	14 150				
	[OM668.942]	02.01-	113251	14 150				
A 180 2.0 CDI	(169)[OM640.940]	09.04-	114042	14 180				
		09.04-	114130	14 150				
A 190 1.9	(168)[M166.990]	04.99- 08.04	111943	14 90	03.99-	111931	12 1.1	
					03.99- 08.04	113756	12 0.8	
A 200 2.0 CDI	(169)[OM640.941]	09.04-	114042	14 180				
		09.04-	114130	14 150				
	(W169)[OM640.941]	09.04- 06.12	114130	14 150				
A 210 2.1	(168)[M166.995]				Chas. -J869216 03.02-	111931	12 1.1	
B 150 1.5	(W245)[M266.920]	03.05-	115418*	14 90	03.05-	111931	12 1.1	
		A25 04.09-	114046	14 130				
B 170 1.7	(245)[M266.940]	03.05-	115418*	14 90	03.05-	111931	12 1.1	
	(W245)[M266.940]	04.09-	115418*	14 90				
		A25 04.09-	114046	14 130				
B 180 2.0 CDI	(245)[OM640.940]	03.05-	114130	14 150				
B 200 2.0	(245)[M266.960]				03.05-	111931	12 1.1	
B 200 2.0 CDI	(245)[OM640.941]	03.05-	114130	14 150				
	(W245)[OM640.941]	03.05- 11.11	114130	14 150				
C 160 1.8 Kompressor	(203)[M271.921]	05.02-	113877	14 120	06.05-	113513	12 1.1	
C 180 1.8	(202)[M111.920]	03.93- 09.95	111354	14 70	03.93- 08.95	111347	12 1.2	
		03.93- 09.95	111369	14 90				
		03.93- 09.95	112530	14 120				
	[M111.921]	11.94-	111354	14 70	11.94- 05.00	111347	12 1.2	
		11.94- 05.00	111369	14 90				
		11.94- 05.00	112530	14 120				
	(C204)[M271.820]				06.11-	113513	12 1.1	
	(S204)[M271.820]				11.09-	113513	12 1.1	
C 180 1.8 Kompressor	(203)[M271.946]	05.02-	113877	14 120	06.02-	113513	12 1.1	
C 180 2.0	(202)[M111.952]	09.00- 02.01	111890	14 90	09.00- 02.01	111347	12 1.2	
		09.00- 02.01	112535	14 120				
		09.00- 02.01	113301	14 90				
	(203)[M111.951]	10.00- 05.02	112535	14 120	10.00- 05.02	111347	12 1.2	
C 180 2.1 CDI	(W204)[OM651.913]				01.11-	114305	12 1.7	
C 180 2.2 CDI	(S204)[OM651.913]				01.11-	114305	12 1.7	
C 200 1.8	(C204)[M271.820]				06.11-	113513	12 1.1	
	(S204)[M271.820]				08.07-	113513	12 1.1	
	[M271.860]				08.07-	113513	12 1.1	
C 200 1.8 Kompressor	(203)[M271.940]	05.02-	113877	14 120	09.02-	113513	12 1.1	
C 200 1.8 CGI Kompressor	(203)[M271.942]	07.03-	113877	14 120	09.02-	113513	12 1.1	
C 200 2.0	(202)[M111.941]	01.94- 04.00	111354	14 70	01.95- 01.98	113133		
		01.94- 04.00	111369	14 90	01.94- 04.00	111347	12 1.2	
		01.94- 04.00	112530	14 120				
		Eng. 000008- 06.96-	111369	14 90				
		Eng. -000007 06.96-	111354	14 70				
		AT, Eng. 000008- 06.96-	111369	14 90				
		AT, Eng. -000007 06.96-	111354	14 70				
	[M111.944]	11.96-	112529	14 90	11.96-	111347	12 1.2	
		11.96- 03.01	113768	14 95	11.96- 01.98	113133		
	[M111.945]	01.94-	111354	14 70	01.94-	111347	12 1.2	
		01.94-	111369	14 90	01.95- 01.98	113133		
		01.94-	112530	14 120				
		Eng. 000008- 06.96-	111369	14 90				
		Eng. -000007 06.96-	111354	14 70				
		AT, Eng. 000008- 06.96-	111369	14 90				
		AT, Eng. -000007 06.96-	111354	14 70				
C 200 2.0 Kompressor	(202)[M111.944]	10.95-	111979		10.95- 05.00	113133		
		10.95-	112529	14 90	10.95-	111347	12 1.2	
		11.96- 05.00	113768	14 95				
	[M111.956]	09.00- 03.01	111903	14 90	09.00- 02.01	111347	12 1.2	
		09.00- 02.01	112529	14 90				
		09.00- 03.01	113768	14 95				
	(203)[M111.955]	05.00- 05.02	113300	14 120	05.00- 08.02	111347	12 1.2	
C 200 2.0 CDI	(202)[OM611.960]	03.98-	112197	14 115 A47	03.98-	111851	12 2.0	
		03.98- 05.00	113889	14 90 A47	03.98- 05.00	113807		
		03.98- 05.00	114790	14 115 A46	01.98- 03.98	113133		
		03.98- 05.00	114792	14 90 A46				
		03.98- 05.00	115485	14 90 A49				
C 200 2.0 Diesel	(202)[OM601.913]	03.93- 08.95	111354	14 70	02.94- 08.95	111851	12 2.0	
		03.93- 08.95	112529	14 90	03.93- 01.94	112226		
					01.95- 01.98	113133		
	[OM604.915]	01.94-	111369	14 90	10.96-	111851	12 2.0	
		10.96-	111354	14 70	10.96- 01.98	113133		
		10.96-	111979					
		10.96-	112529	14 90				
		AT, Eng. -000002 10.96-	112529	14 90				
C 200 2.1 CDI	(203)[OM611.962]	09.00- 02.03	113772	14 190	09.00-	111851	12 2.0	
		03.01-	112428	14 150				
	[OM646.962]	02.01-	112428	14 150	02.01-	111851	12 2.0	
		02.01-	113953	14 200				
	(204)[OM646.811]				01.07-	114093	12 1.7	
					01.07-	115512	12 1.7 A49	
	(S204)[OM646.811]				08.07-	114093	12 1.7	
					08.07-	115512	12 1.7 A49	
	[OM651.913]				08.10-	114305	12 1.7	
	(W204)[OM651.913]				01.11-	114305	12 1.7	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



**MERCEDES-BENZ** Continued

**Application list**

C 200 2.2 CDI	(202)[OM611.960]	03.98- 03.01	113889	14 90 A47	03.98- 03.01	113807	12 2.0	
		03.98- 03.01	114792	14 90 A46	03.98-	111851		
		03.98- 03.01	115485	14 90 A49	01.98- 03.98	113133		
	Eng. 007601-	03.98-	112197	14 115 A47				
	Eng. 007601-	03.98- 03.01	114790	14 115 A46				
(203)[OM646.962]	04.03-	113953	14 200	04.03-	111851	12 2.0		
C 220 2.1 CDI	(203)[OM611.962]	05.00- 02.03	113772	14 190	05.00-	111851	12 2.0	
	(204)[OM646.811]	03.01-	112428	14 150	01.07-	114093	12 1.7	
					01.07-	115512	12 1.7 A49	
	(C204)[OM651.911]				06.11-	114305	12 1.7	
	(CL203)[OM611.962]	03.01- 06.11	113772	14 190	03.01- 06.11	112440	12 2.2	
	(S204)[OM646.811]	08.07-	114666*	14 180	08.07-	114093	12 1.7	
					08.07-	115512	12 1.7 A49	
		01.07-	114666*	14 180	01.07-	114093	12 1.7	
					01.07-	115512	12 1.7 A49	
	(W203)[OM611.962]	05.00- 02.07	113772	14 190	05.00- 02.07	112440	12 2.2	
	(W204)[OM651.911]	01.07-	114876	14 180	01.07-	114742	12 1.8	
				01.07-	114305	12 1.7		
C 220 2.1 CDI 4-matic	(S204)[OM651.912]				02.13-	114305	12 1.7	
	(W204)[OM651.912]				02.13-	114305	12 1.7	
C 220 2.1 CDI T-Model	(S204)[OM651.911]				12.08-	114305	12 1.7	
C 220 2.2	(202)[M111.961]	03.93- 09.96	111354	14 70	03.93- 09.96	111347	12 1.2	
		03.93-	111369	14 90				
		03.93- 09.96	112530	14 120				
C 220 2.2 CDI	(202)[OM611.960]	09.97- 03.01	113889	14 90 A47	09.97- 03.01	113807	12 2.0	
		09.97- 03.01	114792	14 90 A46	09.97-	111851		
		12.97- 03.01	115485	14 90 A49				
	Eng. 007601-	09.97-	112197	14 115 A47				
	Eng. 007601-	09.97- 03.01	114790	14 115 A46				
	(203)[OM646.963]	02.04-	113953	14 200	02.04-	114093		12 1.7
	(S204)[OM651.911]				01.09-	114305		12 1.7
				01.09-	114742	12 1.8		
C 220 2.2 Diesel	(202)[OM604.910]	08.93- 06.99	111354	14 70	02.94- 06.99	111851	12 2.0	
		08.93- 06.99	111890	14 90	08.93- 01.94	112226		
		08.93- 06.99	111979		08.93- 05.94	111065	12 2.2	
		08.93- 06.99	112529	14 90				
	Eng. 003821-	05.96-	111979					
	Eng. -003820	05.96-	111354	14 70				
	AT, Eng. 000843-	05.96-	111979					
	AT, Eng. -000842	05.96-	111354	14 70				
	A33	05.96- 06.99	112529	14 90				
C 230 1.8 Kompressor	(203)[M271.948]	05.02-	113877	14 120	02.04-	113513	12 1.1	
C 230 2.3	(202)[M111.974]	06.96- 06.98	111369	14 90	06.96-	111347	12 1.2	
		06.96- 06.98	112530	14 120				
C 230 2.3 Kompressor	(202)[M111.975]	09.95- 02.01	112529	14 90	10.95-	111347	12 1.2	
		10.95- 09.00	113768	14 95				
		AT 10.95-	112529	14 90				
	(203)[M111.981]	03.01-	113300	14 120	03.01-	111347	12 1.2	
C 230 2.5	(203)[M272.920]				RHD 01.05-	114178	12 1.4	
	(204)[M272.921]				RHD 01.07-	114178	12 1.4	
	(S204)[M272.921]				RHD 08.07-	114178	12 1.4	
C 230 2.5 4 Matic	(W204)[M272.911]				RHD 07.07-	114178	12 1.4	
C 240 2.4	(202)[M112.910]	06.97-	111902	14 115	06.97-	113282	12 1.4	
		06.97-	113302	14 120				
		06.97- 05.00	113835	14 120				
C 240 2.6	(202)[M112.915]	09.00- 03.01	111902	14 115	09.00- 03.01	113282	12 1.4	
	(203)[M112.912]	05.00-	113302	14 120	05.00-	113282	12 1.4	
C 240 2.6 4 Matic	(203)[M112.916]				09.02-	113282	12 1.4	
C 250 1.8	(C204)[M271.860]				06.11-	113513	12 1.1	
C 250 2.1 CDI	(C204)[OM651.911]				06.11-	114305	12 1.7	
	(W204)[OM651.911]				08.08-	114305	12 1.7	
C 250 2.1 CDI 4-matic	(S204)[OM651.912]				04.10-	114305	12 1.7	
	(W204)[OM651.912]				01.11-	114305	12 1.7	
C 250 2.5 Diesel	(202)[OM605.910]	05.93- 08.95	111354	14 70	05.93- 08.95	111851	12 2.0	
		05.93- 08.95	112529	14 90				
C 250 2.5 TD	(202)[OM605.960]	05.93- 02.01	112529	14 90	09.95- 12.95	112226	12 2.0	
		10.95- 03.01	113768	14 95	12.95-	111851		
		05.96-	111979					
	AT, Eng. -017598	06.96-	112529	14 90				
	AT, Eng. -005789	06.96-	112529	14 90				
C 270 2.7 CDI	(203)[OM612.962]	03.01-	112428	14 150	12.00-	112440	12 2.2	
		04.01-	113772	14 190	12.00-	111851	12 2.0	
C 280 2.8	(202)[M104.941]	05.93- 05.97	111369	14 90	05.93- 05.97	112315		
		05.93- 05.97	112530	14 120				
	Eng. 006763-	05.93- 05.97	112530	14 120				
	Eng. -006762	05.93- 05.97	112539	14 110				
	AT, Eng. 079896-	05.93- 05.97	112530	14 120				
	AT, Eng. -006762	05.93- 05.97	112539	14 110				
	[M112.920]	06.97- 02.01	111902	14 115	06.97-	113282		12 1.4
		06.97- 02.01	113302	14 120				
	06.97- 03.01	113835	14 120					
C 280 3.0	(203)[M272.940]				RHD 01.05-	114178	12 1.4	
	(204)[M272.947]				RHD 01.07-	114178	12 1.4	
	(S204)[M272.947]				RHD 08.07-	114178	12 1.4	
	(203)[M272.941]				RHD 01.05-	114178	12 1.4	
	(W204)[M272.947]				RHD 07.07-	114178	12 1.4	
C 30 AMG 3.0 CDI	(203)[OM612.990]	09.02-	112425	14 150	09.02-	111851	12 2.0	
C 300 3.0 CDI 4-matic	(W204)[OM642.832]	01.11-	114042	14 180				



C 32 AMG 3.2	(203)[M112.961]	02.01-	113302	14	120		02.01-	113282	12	1.4
C 32 AMG 3.2 Kompressor	(203)[M112.961]	05.02-	113835	14	120		05.02- 05.08 03.01-	114178 113282	12	1.4
C 320 3.0 CDI	(203)[OM642.910]	01.05-	114042	14	180					
	(204)[OM642.960]	01.07-	114042	14	180					
	(S204)[OM642.960]	08.07-	114042	14	180					
	(W204)[OM642.961]	07.07-	114042	14	180					
C 320 3.0 CDI 4 Matic	(S204)[OM642.961]	08.07-	114042	14	180					
C 320 3.2	(203)[M112.946]	05.00-	113302	14	120		05.00-	113282	12	1.4
C 320 3.2 4 Matic	(203)[M112.953]						09.02-	113282	12	1.4
	[M112.953]						09.02-	113282	12	1.4
C 320 C 3.2	(203)[M112.946]	09.02-	113302	14	120		09.02-	113282	12	1.4
C 350 3.5	(203)[M272.960]						Chas. -F507076 01.05-	113282	12	1.4
	(204)[M272.962]						RHD 01.07-	114178	12	1.4
	(S204)[M272.961]						RHD 08.07-	114178	12	1.4
	(W204)[M272.961]						01.11-	114093	12	1.7
							01.11-	115512	12	1.7 A49
C 350 3.5 4 Matic	(203)[M272.970]						Chas. -F507076 07.05-	113282	12	1.4
							07.05-	113282	12	1.4
	(W204)[M272.971]						RHD 07.07-	114178	12	1.4
C 350 3.5 CGI	(W204)[M272.982]						RHD 09.08-	114178	12	1.4
C 36 AMG 3.6	(202)[M104.941]	05.94-	111369	14	90		05.94-	112315		
		05.94-	112539	14	110		01.94- 05.97	111851	12	2.0
		Eng. 006763- 05.94-	112530	14	120					
		AT, Eng. 079896- 05.94-	112530	14	120					
C 43 AMG 4.3	(202)[M113.944]	08.97- 05.00	111850	14	143 ▲					
CL 500 5.0	(215)[M113.960]	03.99-	113489	14	150					
CL 500 5.5	(216)[M273.961]						RHD 06.06-	114178	12	1.4
CL 55 AMG 5.4	(215)[M113.986]	10.99- 03.06	111850	14	143					
CL 55 AMG 5.4 Kompressor	(215)[M113.991]	06.02-	114737	14	180					
CL 600 5.8	(220)[M137.970]	03.99-	112428	14	150					
CLC 220 2.1 CDI	[OM646.962]	05.08-	113953	14	200		05.08-	114093	12	1.7
							05.08- 06.11	115512	12	1.7 A49
	[OM646.963]	05.08-	113953	14	200		05.08-	114093	12	1.7
							05.08- 06.11	115512	12	1.7 A49
CLC 230 2.5	[M272.920]						RHD 05.08-	114178	12	1.4
CLK 200 2.0	(208)[M111.941]	01.94- 04.00	111369	14	90		06.97- 06.02	111347	12	1.2
		01.94- 04.00	112530	14	120		06.97- 01.98	113133		
	[M111.945]	06.97-	111369	14	90		06.97- 01.98	113133		
		06.97-	112530	14	120		06.97-	111347	12	1.2
CLK 200 2.0 Kompressor	(208)[M111.944]	06.97-	112529	14	90		06.97-	111347	12	1.2
		06.97- 06.00	113768	14	95		06.97- 03.98	113133		
	(209)[M271.940]	02.03-	113877	14	120		02.03-	113513	12	1.1
CLK 200 2.0 16V	(208)[M111.941]	03.98-	111369	14	90		03.98-	111347	12	1.2
		03.98-	112530	14	120		01.98- 03.98	113133		
	[M111.945]	03.98-	111369	14	90		03.98-	111347	12	1.2
		03.98-	112530	14	120		01.98- 03.98	113133		
CLK 200 2.0 CGI Kompressor	(209)[M271.942]	07.03-	113877	14	120		07.03-	113513	12	1.1
CLK 220 2.1 CDI	(209)[OM646.966]	01.05-	113953	14	200		01.05-	111851	12	2.0
							01.05-	114093	12	1.7
							10.06-	115512	12	1.7 A49
	(C209)	01.05- 05.09	113953	14	200		01.05- 05.09	114093	12	1.7
							01.05- 05.09	112440	12	2.2
							01.05- 05.09	115512	12	1.7 A49
CLK 230 2.3 Kompressor	(208)[M111.973]	06.96- 01.00	113486	14	90		06.97- 06.00	111347	12	1.2
		06.97- 06.00	113768	14	95					
	[M111.975]	06.97-	112529	14	90		06.97-	111347	12	1.2
		06.97- 06.00	113768	14	95					
	[M111.982]	06.00- 01.03	113301	14	90		06.00- 01.03	111347	12	1.2
CLK 240 2.4	[M112.912]	02.03-	113302	14	120		02.03-	113282	12	1.4
CLK 270 2.7 CDI	(209)[OM612.962]						10.02-	111851	12	2.0
	[OM612.967]						10.02-	111851	12	2.0
CLK 280 3.0	(209)[M272.940]						RHD 01.05-	114178	12	1.4
CLK 320 3.0 CDI	(209)[OM642.910]	01.05-	114042	14	180					
CLK 320 3.2	(208)[M112.940]	06.97-	111902	14	115		06.97-	113282	12	1.4
		06.97-	113302	14	120					
		06.97- 06.02	113835	14	120					
	[M112.955]	02.03-	113302	14	120		02.03-	113282	12	1.4
CLK 350 3.5	(209)[M272.960]						RHD 01.05-	114178	12	1.4
CLK 430 4.3	(208)[M113.943]	Chas. -F180102-, - 07.98- T091959	111850	14	143 ▲					
		Chas. F180102-, T091959- 07.98- 06.02	114836	14	150					
CLK 430 4.3 V8	(208)[M113.943]	Chas. -F180102-, - 09.98- T091959	111850	14	143 ▲					
		Chas. F180102-, T091959- 09.98- 03.02	114836	14	150					
CLK 500 5.5	(A209)[M273.967]						RHD 06.06-	114178	12	1.4
CLK 55 AMG 5.4	(208)[M113.981]	01.00- 03.02	113489	14	150					
		01.00- 03.02	114836	14	150					
	[M113.984]	Chas. -F198563, 01.00- Chas. -T102652	114836	14	150					
CLK 55 AMG 5.5	(208)[M113.984]	Chas. F180103- 08.99- 06.02	114836	14	150					
CLK 55 DTM AMG 5.4	(209)[M113.994]	06.04-	115374*				06.04-	114178	12	1.4
CLS 218 2.2 CDI	(C218)[OM651.924]						04.11-	114305	12	1.7
CLS 250 2.1 CDI Shooting Brake	(X218)[OM651.924]	10.12-	114876	14	180		10.12-	114305	12	1.7
CLS 320 3.0 CDI	(219)[OM642.920]	01.05-	114380	14	180					
CLS 350 3.5	(219)[M272.964]	10.04-	114454	14	180					
	[M272.985]	04.06-	114454	14	180					
CLS 350 3.5 CGI	(C219)[M272.985]	04.09-	114454	14	180					
CLS 500 5.0	(219)[M113.967]	10.04-	114836	14	150					

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**MERCEDES-BENZ** Continued

CLS 500 5.5	(219)[M273.960]	Chas. A038332- 04.06-	114454	14	180				
CLS 55 AMG 5.4	(219)[M113.990]	01.05-	114737	14	180				
E 200 1.8 CGI	(C207)[M271.860]					01.10-	113513	12	1.1
E 200 1.8 Kompressor	[M271.941]					11.02-	113513	12	1.1
E 200 1.8 CGI	(211)[M271.946]	11.02-	113877	14	120	11.02-	113513	12	1.1
E 200 1.8 NGT	(211)[M271.941]					03.02-	113513	12	1.1
E 200 2.0	(124)[M111.940]	06.93- 06.97	111354	14	70	06.93- 06.97	111347	12	1.2
		06.93- 06.97	111369	14	90	01.95- 03.98	113133		
		06.93- 06.97	112530	14	120				
		Eng. 035551- 06.93-	111369	14	90				
		Eng. -035550 06.93-	111354	14	70				
		AT, Eng. 015029- 06.93-	111369	14	90				
		AT, Eng. -015028 06.93-	111354	14	70				
	(210)[M111.942]	06.95-	111369	14	90	06.95- 01.98	113133		
		06.95-	112530	14	120	06.95-	111347	12	1.2
		AT, Eng. -013255 06.95-	111369	14	90				
E 200 2.0 Kompressor	(210)[M111.947]	06.97-	113486	14	90	06.97-	111347	12	1.2
						06.97- 01.98	113133		
	[M111.957]	08.00- 03.03	113300	14	120	08.00- 03.03	111347	12	1.2
		08.00- 03.03	113301	14	90				
E 200 2.0 Diesel	(124)[OM601.912]	06.93- 06.95	110923	14	55	01.95- 06.95	113133		
		06.93- 06.95	111093	14	70	06.93- 06.95	111065	12	2.2
	(210)[OM604.917]	03.93- 06.99	111979			01.96- 01.98	113133		
		06.95-	111883	14	115	06.95-	111851	12	2.0
		06.95-	112529	14	90				
E 200 2.1 CDI	(210)[OM611.961]	07.99-	112197	14	115 A47	07.99-	111851	12	2.0
		07.99-	112428	14	150				
		07.99- 03.02	113771	14	190				
		07.99- 03.02	113772	14	190				
		07.99- 03.02	114790	14	115 A46				
	(211)[OM646.820]					04.06-	114093	12	1.7
						04.06-	115512	12	1.7 A49
E 200 2.1 CDI T-Model	(S211)[OM646.821]					04.06-	114093	12	1.7
						04.06-	115512	12	1.7 A49
E 200 2.2 CDI	(210)[OM611.961]	06.98-	112197	14	115 A47	01.98- 06.98	113133		
		06.98-	112428	14	150	06.98-	111851	12	2.0
		06.98- 03.02	113771	14	190				
		06.98- 03.02	114790	14	115 A46				
	(W212)[OM651.925]					01.09-	114305	12	1.7
						01.09-	114742	12	1.8
E 200 E 2.1 CDI	(211)[OM646.951]	07.02-	113274	14	200	07.02-	111851	12	2.0
		07.02-	113944	14	200				
E 220 2.1 CDI	(211)[OM646.821]					04.06-	114093	12	1.7
						04.06-	115512	12	1.7 A49
	[OM646.961	Eng. 30112422- 03.02-	113953	14	200	03.02-	112226		
	1	Eng. 30085732-30112421 03.02-	113944	14	200	03.03-	111851	12	2.0
		Eng. -30085731 03.02-	113274	14	200				
	(A207)[OM651.911]					01.10-	114305	12	1.7
	(C207)[OM651.911]					01.10-	114305	12	1.7
	(W210)[OM611.961]	07.99- 03.02	112197	14	115 A47	07.99- 03.02	111851	12	2.0
		07.99- 03.02	112428	14	150				
		07.99- 03.02	113771	14	190				
		07.99- 03.02	114790	14	115 A46				
	(W212)[OM651.924]	01.09-	114876	14	180	01.09-	114305	12	1.7
						01.09-	114742	12	1.8
E 220 2.2	(124)[M111.960]	06.93- 06.97	111354	14	70	06.93- 06.97	111347	12	1.2
		06.93- 06.97	111369	14	90				
		06.93- 06.97	112530	14	120				
		Eng. 021892- 06.93-	111369	14	90				
		Eng. -021891 06.93-	111354	14	70				
		AT, Eng. 043680- 06.93-	111369	14	90				
		AT, Eng. -043679 06.93-	111354	14	70				
E 220 2.2 CDI	(210)[OM611.961]	03.02-	113274	14	200	06.98- 03.03	111851	12	2.0
		06.98- 07.99	112197	14	115 A47				
		06.98- 08.00	112428	14	150				
		06.98-	112528	14	75				
		06.98- 03.02	114790	14	115 A46				
		07.99- 03.03	113771	14	190				
		07.99- 03.03	113772	14	190				
		Eng. 007601 -044618 06.98-	112197	14	115 A47				
		Eng. 007601 -044618 06.98- 07.99	114790	14	115 A46				
		Eng. 007601- 07.99-	112197	14	115 A47				
		Eng. 007601- 07.99- 03.03	114790	14	115 A46				
	(S212)[OM651.924]					11.09-	114305	12	1.7
	[OM651.925]					11.09-	114305	12	1.7
						11.09-	114742	12	1.8
	(W211)[OM646.821]					03.03- 12.08	114093	12	1.7
						03.03- 12.08	115512	12	1.7 A49
E 220 2.2 Diesel	(210)[OM604.912]	06.95- 06.99	111883	14	115	01.96- 06.99	111851	12	2.0
		06.95- 06.99	111979			06.95- 12.95	112226		
		06.95- 06.99	112529	14	90	06.95-	111065	12	2.2
E 220 T 2.1 CDI	(S210)	05.99- 03.03	112197	14	115 A47	05.99- 03.03	111851	12	2.0
		05.99- 03.03	113771	14	190				
		05.99- 03.03	112428	14	150				
		05.99- 03.03	114790	14	115 A46				
E 220 T 2.2 CDI	(S211)[OM646.821]					03.03- 07.09	114093	12	1.7
						03.03- 07.09	115512	12	1.7 A49



E 230 2.3	(210)[M111.970]	06.95- 08.97	111369	14 90	06.95- 08.97	111347	12 1.2
		06.95- 08.97	112530	14 120			
		AT, Eng. -035180 06.95-	111369	14 90			
E 240 2.4	(210)[M112.911]	06.97-	113302	14 120	06.97-	113282	12 1.4
		06.97- 03.03	113835	14 120			
		09.97-	111902	14 115			
E 240 2.6	(210)[M112.914]	08.00- 03.03	113835	14 120	08.00- 03.03	113282	12 1.4
		Chas. B080432-, X035650- 08.00- 03.02	113302	14 120			
	Chas. -B080431, -X035649	08.00- 03.03	111902	14 115			
	(211)[M112.913]	03.02-	113302	14 120	03.02-	113282	12 1.4
		03.02-	113835	14 120			
	[M112.917]	03.02-	114836	14 150			
		03.02-	113835	14 120	03.02-	113282	12 1.4
		03.02-	114836	14 150			
E 240 2.6 4 Matic	(211)[M112.917]	03.03-	113835	14 120	09.03-	113282	12 1.4
		03.03-	114836	14 150			
		09.03-	113302	14 120			
E 250 2.1 CDI	(A207)[OM651.911]				01.10-	114305	12 1.7
		(C207)[OM651.911]			01.09-	114305	12 1.7
		(W212)[OM651.924]			01.09-	114305	12 1.7
					01.09-	114742	12 1.8
E 250 2.1 CDI 4-matic	(W212)[OM651.924]				01.09-	114305	12 1.7
E 250 2.2 CDI	(S212)[OM651.924]				11.09-	114305	12 1.7
					11.09-	114742	12 1.8
E 250 2.2 CDI 4-Matic	(S212)[OM651.924]				07.10-	114305	12 1.7
E 250 2.5 Diesel	(124)[OM605.911]	07.93- 06.95	111354	14 70	07.93- 06.95	111065	12 2.2
		07.93- 06.95	112529	14 90			
		07.93- 06.95	113768	14 95			
	(210)[OM605.912]	07.93- 06.99	112529	14 90	06.95- 12.95	112226	
		06.95-	111883	14 115	01.96-	111851	12 2.0
				06.95-	111065	12 2.2	
E 250 2.5 TD	(124)[OM602.962]	06.93- 06.95	110923	14 55	06.93- 06.95	111065	12 2.2
		06.93- 06.96	111093	14 70			
	[OM605.911]	06.93- 06.96	111354	14 70	06.93- 06.96	111851	12 2.0
		06.93- 06.96	112529	14 90	06.93- 06.96	112226	
		06.93- 06.96	113768	14 95			
	(210)[OM605.912]	06.96-	111883	14 115	06.96-	111851	12 2.0
		06.96-	111979				
	[OM605.962]	07.93- 06.99	112529	14 90	06.97-	111851	12 2.0
	06.97-	111883	14 115				
		06.97-	111979				
E 270 2.7 CDI	(210)[OM612.961]	03.02-	113274	14 200	07.99-	112440	12 2.2
		07.99-	112428	14 150	07.99-	111851	12 2.0
		07.99- 03.02	113771	14 190			
		07.99- 03.02	113772	14 190			
	(211)[OM647.961]	03.02-	113274	14 200	03.02-	112440	12 2.2
		03.02-	113944	14 200			
[OM647.961]	03.03-	113274	14 200	03.03-	111851	12 2.0	
	03.03-	113944	14 200				
E 270 T 2.7 CDI	(210)[OM612.961]	03.02-	113274	14 200	07.99-	111851	12 2.0
		07.99-	112428	14 150			
		07.99- 03.03	113771	14 190			
	(S211)	03.03- 07.09	113274	14 200	03.03- 07.09	112440	12 2.2
	03.03- 07.09	113944	14 200				
E 280 2.8	(124)[M104.942]	06.93- 06.96	111369	14 90	07.93- 05.96	111851	12 2.0
		06.93- 06.96	112530	14 120	06.93- 06.96	112315	
	(210)[M112.921]	12.96- 03.03	111850	14 143	07.96- 01.03	113282	12 1.4
		12.96-	111902	14 115			
		12.96- 03.03	113835	14 120			
	03.97-	113302	14 120				
	Chas. B080432-, X035650- 12.96- 03.02	113302	14 120				
	Chas. -B080431, -X035649 03.97- 01.03	111902	14 115				
E 280 2.8 4 Matic	(210)[M112.921]	01.96-	111979		07.96- 03.03	113282	12 1.4
		07.96- 01.03	111850	14 143			
		12.96- 03.03	113835	14 120			
		03.97-	111902	14 115			
		Chas. B080432-, X035650- 07.96- 01.03	113302	14 120			
	Chas. -B080431, -X035649 07.96- 01.03	111902	14 115				
E 280 3.0	(211)[M272.943]	03.05-	114454	14 180			
E 280 3.0 4 Matic	(211)[M272.943]				03.05-	113282	12 1.4
E 280 3.0 CDI	(211)[OM642.920]	03.05-	114042	14 180			
		03.05-	114380	14 180			
E 280 3.0 CDI 4 Matic	(211)[OM642.921]	03.05-	114042	14 180			
		03.05-	114380	14 180			
E 280 3.2 CDI	(211)[OM64 Eng. 30042544- 8.9611	05.04-	113953	14 200	05.04-	111851	12 2.0
		Eng. -30042543 05.04-	113944	14 200			
E 280 E 2.8	(210)[M104.945]	01.96- 02.97	111369	14 90	01.96- 02.97	112315	
		01.96- 02.97	112539	14 110			
E 290 2.9 TD	(210)[OM602.982]	01.96-	111890	14 90	03.96-	111065	12 2.2
		03.96- 06.99	112529	14 90	06.96-	111851	12 2.0
		06.96-	111883	14 115			
		06.96-	111979				
E 290 E 2.9 TD	(210)[OM602.982]	01.96-	111883	14 115	01.96-	111851	12 2.0
		01.96-	111979				
E 300 2.1 Hybrid Hybrid	(S212)[OM651.924]				12.11-	114742	12 1.8

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

**MERCEDES-BENZ** Continued

E 300 3.0 4 Matic	(124)[M103.985]	06.93- 08.94	111093	14 70	06.93- 06.95	112315	
		06.93- 06.95	111149	14 80	01.95- 06.96	113133	
		06.93- 06.95	111354	14 70			
		Eng. 002377- 06.93- 06.95	111354	14 70			
		Eng. -002376 06.93-	111093	14 70			
		Eng. 002357- 06.93- 06.95	111369	14 90			
		Eng. -002187 06.93-	112734	14 80			
		AT, Eng. -009456 06.93-	111093	14 70			
		AT, Eng. -008221 06.93-	112734	14 80			
		AT, Eng. 002357- 06.93- 06.95	111354	14 70			
AT, Eng. 002357- 06.93- 06.95	111369	14 90					
E 300 3.0 CDI	(S212)[OM642.850] (W212)[OM642.850]	03.11-	114042	14 180			
		03.11-	114042	14 180			
E 300 3.0 Diesel	(124)[OM606.910]	07.93- 06.95	111354	14 70	01.95- 06.95	113133	
		07.93- 06.95	112529	14 90	07.93- 06.95	111065	12 2.2
		07.93- 06.95	113768	14 95			
	(210)[OM606.912]	06.95- 02.97	112529	14 90	06.95- 02.97	112226	
		02.97	111883	14 115	06.95- 06.97	113133	
					06.95-	111065	12 2.2
E 300 3.0 TD	(124)[OM603.960]	06.93- 06.95	111093	14 70	06.93- 06.95	111065	12 2.2
		06.93- 06.96	113768	14 95	06.93-	112226	
		Eng. 051061- 06.93-	112529	14 90	01.95- 06.96	113133	
		Eng. -051060 06.93-	111093	14 70			
	[OM606.910]	06.93- 06.96	111354	14 70	06.93- 06.96	112226	
		06.93- 06.96	112529	14 90	01.95- 06.96	113133	
		06.93- 06.96	113768	14 95			
(210)[OM606.962]	12.96- 06.99	111883	14 115	12.96- 01.98	113133		
	12.96-	111890	14 90	03.97- 07.99	112226		
	12.96- 11.97	111979					
E 300 3.0 TD 4 Matic	(124)[OM603.963]	06.93- 06.95	111093	14 70	06.93- 06.95	111065	12 2.2
		06.93- 06.96	113768	14 95	01.95- 06.96	113133	
		Eng. 004326- 06.93-	112529	14 90			
	Eng. -004325 06.93-	111093	14 70				
E 300 CE 3.0	(124)[M103.983]	03.87- 12.89	111093	14 70	03.87- 05.93	112315	
		01.90- 05.93	111354	14 70			
E 300 Hybrid 2.1 Hybrid	(W212)[OM651.924]				12.11-	114742	12 1.8
E 300 TE-24 AMG 3.0	(124)[M104.980]	06.93- 06.96	111369	14 90	01.95- 06.96	113133	
		06.93- 06.96	112734	14 80			
E 320 3.0 CDI	(211)[OM642.920]	03.05-	114042	14 180			
		03.05-	114380	14 180			
E 320 3.0 CDI 4 Matic	(211)[OM642.910] [OM642.920]	03.05-	114042	14 180			
		03.05-	114042	14 180			
E 320 3.2	(124)[M104.992]	10.92- 06.98	111369	14 90	10.92- 06.98	112315	
		06.93- 06.98	112530	14 120			
		[M104.995]	06.93- 06.98	111369	14 90	06.93- 06.98	112315
		06.93- 06.98	112530	14 120			
	(210)[M104.992]	06.95- 02.97	111369	14 90	06.95- 02.97	111851	12 2.0
		06.95- 02.97	112530	14 120	06.95-	112315	
		06.95-	112539	14 110			
	[M112.941]	12.96- 03.03	113835	14 120	03.97- 03.03	113282	12 1.4
		03.97-	111902	14 115			
		Chas. B080432-, X035650- 03.97- 03.03	113302	14 120			
	Chas. -B080431, -X035649 03.97- 03.03	111902	14 115				
(211)[M112.949]	03.02-	114836	14 150	03.02-	113282	12 1.4	
E 320 3.2 4 Matic	(210)[M112.941]	12.96- 03.03	113835	14 120	12.96- 03.02	113282	12 1.4
		06.97-	111902	14 115			
		Chas. B080432-, X035650- 06.97- 03.02	113302	14 120			
		Chas. -B080431, -X035649 06.97- 03.02	111902	14 115			
(211)[M112.954]	03.03-	114836	14 150	09.03-	113282	12 1.4	
E 320 3.2 CDI	(210)[OM613.961]	07.99-	112428	14 150	07.99-	112440	12 2.2
		07.99- 03.02	113771	14 190			
		07.99- 03.02	113772	14 190			
	[OM648.961]	11.02-	113772	14 190	11.02-	111851	12 2.0
		Eng. 30042544- 11.02-	113953	14 200			
		Eng. 30042544- 03.03-	113944	14 200			
	Eng. -30042543 11.02-	113944	14 200				
E 320 T 3.2 CDI	(210)[OM613.961]	07.99-	112428	14 150	07.99-	111851	12 2.0
		07.99- 03.03	113771	14 190	06.97-	113282	12 1.4
		07.99- 03.03	113772	14 190			
E 350 3.5	(211)[M272.964] [M272.972]	03.05-	114454	14 180			
		03.05-	114454	14 180			
E 350 3.5 4 Matic	(211)[M272.964] [M272.972]				03.05-	113282	12 1.4
					03.05-	113282	12 1.4
E 36 AMG 3.6	(124)[M104.992]	03.93- 06.98	111369	14 90	03.94- 06.98	111851	12 2.0
		05.94- 05.96	112530	14 120	03.93- 06.96	112315	
E 400 4.0 CDI	[OM628.961]				02.03-	115408*	12 2.3
E 420 4.2	(124)[M119.975] (210)[M119.985]	06.93- 05.96	112539	14 110			
		06.96- 08.97	111850	14 143			
		06.96-	112539	14 110			
E 420 E 4.2	(210)[M119.985]	01.96- 08.97	112539	14 110			
E 430 4.3	(210)[M113.940]	06.97- 08.01	111850	14 143 ▲			
		06.97- 03.03	114836	14 150			
E 430 4.3 4 Matic	(210)[M113.940]	05.99- 08.01	111850	14 143 ▲			
		05.99- 03.02	114836	14 150			
E 430 T 4.3 4 Matic	(210)[M113.940]	05.99- 08.01	111850	14 143 ▲			
		05.99- 03.03	114836	14 150			
E 50 AMG 5.0	(210)[M119.985]	02.96- 08.97	111850	14 143			
E 500 5.0	(124)[M119.974]	06.93- 06.95	112539	14 110			

**STARTERS & ALTERNATORS**

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	(211)[M113.967]	03.02-09.03-	114836	14	150				
E 500 5.0 4 Matic	(211)[M113.969]	10.03-	114836	14	150				
	[M113.969]	10.03- 06.05	114836	14	150				
E 500 5.5	(211)[M273.960]	04.06-	114454	14	180				
E 55 AMG 5.4	(210)[M113.980]	08.97- 08.01	111850	14	143 ▲				
		08.97- 03.03	114836	14	150				
E 55 AMG 5.4	(210)[M113.980]	08.97- 08.01	111850	14	143 ▲				
		08.97- 03.02	114836	14	150				
	(211)[M113.990]	07.03-	114737	14	180				
E 55 AMG 5.4 4 Matic	(210)[M113.980]	03.01- 03.03	114836	14	150				
		03.98- 08.01	111850	14	143				
E 55 AMG 5.4 Kompressor	(211)[M113.990]	10.02-	114737	14	180				
E 60 AMG 6.0	(124)[M119.974]	07.93- 06.95	112539	14	110 ▲				
G 270 2.7 CDI	(463)[OM612.966]	10.01-	113772	14	190	10.01-	111851	12	2.0
		03.79- 05.80	110358	14	55				
G 300 3.0 TD	(463)[OM606.964]	08.96-	111890	14	90	08.96-	112226		
						08.96- 01.98	113133		
G 320 3.2	(463)[M104.996]	09.94- 11.97	111369	14	90	09.94- 11.97	112315		
						08.93- 11.97	111851	12	2.0
	[M112.945]	12.97-	111902	14	115	07.97-	113282	12	1.4
G 36 AMG 3.6	(463)	01.95-	111369	14	90	01.95-	111851	12	2.0
G 400 4.0 CDI	(463)[OM628.962]	12.00-	112428	14	150	12.00-	115408*	12	2.3
G 500 5.0	(463)[M113.962]	04.98-	111902	14	115				
G 500 E 5.0	(463)[M117.965]	09.93-	111149	14	80				
G 55 AMG 5.4	(463)[M113.993]	06.04-	111902	14	115				
		06.04-	114737	14	180				
G 55 AMG 5.5 AMG	(W463)[M113.993]	08.08-	114737	14	180				
GL 320 3.0 CDI	(164)[OM642.822]	09.06-	114835	14	180				
GLK 200 2.2 CDI	(X204)[OM651.913]					07.10-	114305	12	1.7
GLK 220 2.1 CDI	(X204)[OM651.912]					12.08-	114305	12	1.7
	[OM651.916]					12.08-	114305	12	1.7
GLK 220 2.2 CDI	(X204)[OM651.916]					12.08-	114305	12	1.7
GLK 220 2.2 CDI 4-matic	(X204)[OM651.912]					12.08-	114305	12	1.7
GLK 250 2.1 CDI	(X204)[OM651.912]					09.09-	114305	12	1.7
GLK 350 3.0 CDI 4-matic	(X204)[OM642.832]	02.10-	114042	14	180				
GLK 350 3.5	(X204)[M272.991]					04.09-	113282	12	1.4
MB 100 2.4 Diesel	(631)[OM616.963]	02.88- 02.96	110358	14	55	02.88- 02.96	110368	12	2.3
		02.88- 02.96	111149	14	80				
ML 230 2.3	(163)[M111.977]	02.98-	111369	14	90	02.98-	111347	12	1.2
ML 250 2.2 CDI BlueTec 4-matic	(166)[OM651.960]					06.11-	114742	12	1.8
ML 270 2.7 CDI	(163)[OM612.963]	12.99-	112428	14	150	12.99-	111851	12	2.0
		12.99- 06.05	113771	14	190	12.99-	112440	12	2.2
		12.99- 06.05	113772	14	190				
ML 320 3.2 V6	(163)[M112.942]	02.98- 07.02	111902	14	115	02.98-	113282	12	1.4
		02.98- 07.02	113302	14	120				
ML 350 3.5 4 Matic	(164)[M272.967]	07.05-	114454	14	180				
ML 350 3.7	(163)[M112.970]	08.02- 06.05	113302	14	120	08.02-	113282	12	1.4
	[M112.970]	02.03- 06.05	113302	14	120	02.03-	113282	12	1.4
ML 400 4.0 CDI	(163)[OM628.963]	09.01-	112428	14	150	09.01- 06.05	115408*	12	2.3
ML 430 4.3	(163)[M113.942]	02.98- 06.05	111850	14	143 ▲				
ML 500 5.0	(163)[M113.964]	09.01-	111850	14	143 ▲	09.01- 06.05	113282	12	1.4
		09.01-	111902	14	115				
		09.01-	113489	14	150				
	[M113.965]	09.01-	111850	14	143 ▲	09.01-	113282	12	1.4
ML 500 5.0 4 Matic	(164)[M113.964]	07.05-	114737	14	180				
ML 55 AMG 5.4	(163)[M113.981]					02.00- 06.05	113282	12	1.4
O 810 4.3	[OM904.904]	09.96-	112561	28	80	09.96-	111982	24	4.0
		09.96-	113448	28	100	09.96-	114523	24	4.0
						09.96- 09.06	115514	24	4.0 A49
O 812 2.9	[OM602.985]					09.96-	111851	12	2.0
O 814 4.3	[OM904.908]	09.96-	112561	28	80	09.96-	111982	24	4.0
		09.96-	113448	28	100	09.96-	114523	24	4.0
						09.96- 01.01	115514	24	4.0 A49
O 815 4.3	[OM904.923]	09.96-	112561	28	80	09.96-	111982	24	4.0
		09.96-	113448	28	100	09.96-	114523	24	4.0
						09.96- 01.01	115514	24	4.0 A49
Pullmann 600 6.3	[M100.980]	08.66- 12.70	110727						
		06.69- 07.73	110735#	14	55				
		08.73- 01.79	110358	14	55				
	[M100.982]	08.66- 12.70	110727						
		06.69- 07.73	110735#	14	55				
		08.73- 01.79	110358	14	55				
R 280 3.0 CDI 4 Matic	(251)[OM642.950]	05.06-	114230	14	217				
		05.06-	114835	14	180				
R 320 3.0 CDI 4 Matic	(251)[OM642.950]	01.06-	114230	14	217				
		01.06-	114835	14	180				
R 320 3.0 CDI 4-Matic	(W251, V251)[OM642.870]	01.06-	114042	14	180				
	[OM642.950]	01.06-	114042	14	180				
R 350 3.0 CDI 4-matic	(W251, V251)[OM642.872]	08.10-	114042	14	180				
R 350 3.5 4 Matic	(251)[M272.967]	01.06-	114454	14	180	01.06-	113282	12	1.4
R 500 5.0 4 Matic	(251)[M113.971]	01.06-	114737	14	180				
S 280 2.8	(140)[M104.944]	01.93- 10.98	112194	14	120	01.93- 10.98	112315		
						06.93- 09.98	111851	12	2.0
	(220)[M112. Chas. A229602-9221]	10.98- 08.05	114836	14	150	10.98-	113282	12	1.4
		Chas. -A229601	10.98-	113489	14	150			
S 280 3.0	(W221)[M272.946]					08.06-	113282	12	1.4
S 300 3.0 TD	(140)[OM606.961]	06.96- 09.98	111883	14	115	06.96- 09.98	112226		
						05.96- 10.98	113133		

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





**MERCEDES-BENZ** Continued

S 320 3.2	(220)[M112.9441]	Chas. A229602-10.98-08.05	114836	14	150	10.98-	113282	12	1.4
		Chas. -A229601 10.98-	113489	14	150				
S 320 3.2 CDI	(220)[OM613.960]	06.99-09.02	112428	14	150	06.99-09.02	111851	12	2.0
		08.99-09.02	113771	14	190	06.99-09.02	112440	12	2.2
		08.99-09.02	113772	14	190	10.98-	113282	12	1.4
	[OM648.960]	09.02-08.05	113944	14	200	09.02-08.05	111851	12	2.0
S 350 3.5	(221)[M272.965]					RHD 10.05-	114178	12	1.4
						10.05-	113282	12	1.4
S 350 3.5 4 Matic	(W221)[M272.965]					RHD 02.08-	114178	12	1.4
S 350 3.5 TD	(140)[OM603.971]	01.93-06.96	112774#	14	100	01.93-06.96	112226		
						06.93-	111065	12	2.2
S 350 3.7	(220)[M112.972]	09.02-08.05	114836	14	150	Chas. - A 398576 09.02-	113282	12	1.4
S 350 3.7 4 Matic	(220)[M112.975]	06.03-08.05	114836	14	150	Chas. - A 398576 06.03-	113282	12	1.4
S 400 4.0 CDI	(220)[OM628.960]	06.00-08.05	112428	14	150	06.00-08.05	115408*	12	2.3
S 420 4.2	(140)[M119.971]	01.93-08.99	111850	14	143				
		Eng. 012761-10.94-02.99	111850	14	143				
		Eng. 011683-01.93-09.95	112539	14	110				
	[M119.981]	Eng. 012761-10.94-02.99	111850	14	143				
S 430 4.3	(220)[M113.9411]	Chas. A229602-10.98-08.05	114836	14	150				
		Chas. -A229601 10.98-	113489	14	150				
S 430 4.3 4 Matic	(220)[M113.948]	09.02-08.05	114836	14	150				
S 450 4.7	(221)[M273.923]					RHD 12.05-	114178	12	1.4
S 450 4.7 4 Matic	(221)[M273.922]					RHD 12.05-	114178	12	1.4
S 500 5.0	(140)[M119.970]	10.92-08.99	111850	14	143				
		01.93-09.95	112539	14	110				
		Eng. 026391-01.93-09.95	112539	14	110				
	[M119.980]	01.93-10.98	111850	14	143				
		01.93-09.95	112539	14	110				
		Eng. 026391-01.93-09.95	112539	14	110				
	(220)[M113.9601]	Chas. A229602-10.98-08.05	114836	14	150				
		Chas. -A229601 10.98-	113489	14	150				
S 500 5.0 4 Matic	(220)[M113.966]	09.02-08.05	114836	14	150				
S 500 5.5	(221)[M273.961]					RHD 10.05-	114178	12	1.4
						10.05-	113282	12	1.4
S 500 5.5 4 Matic	(221)[M273.961]					RHD 10.05-	114178	12	1.4
S 55 AMG 5.4	(220)[M113.9861]	Chas. A229602-04.99-08.05	114836	14	150	04.99-08.05	113282	12	1.4
		Chas. -A229601 04.99-	113489	14	150				
S 55 AMG 5.4 Kompressor	(220)[M113.991]	06.02-08.05	114737	14	180				
S 600 5.5	(221)[M275.953]					RHD 12.05-	114178	12	1.4
S 600 6.0	(140)[M120.980]	09.92-02.99	111850	14	143				
		Eng. 025950-01.93-09.95	111850	14	143				
	[M120.982]	09.92-02.99	111850	14	143				
		Eng. 025950-01.93-09.95	111850	14	143				
S 65 AMG 6.0	(221)[M275.982]					12.05-	114178	12	1.4
SL 280 2.3	(129)[M104.943]	07.93-05.98	112194	14	120	08.93-05.98	112315		
		07.93-05.98	112539	14	110				
SL 280 2.8	(129)[M112.923]	05.98-	111902	14	115	05.98-	113282	12	1.4
SL 320 3.2	(129)[M104.991]	07.93-05.98	112194	14	120	09.93-05.98	112315		
		07.93-05.98	112539	14	110				
	[M112.943]	05.98-08.01	111902	14	115	05.98-	113282	12	1.4
SL 350 3.5	(230)[M272.966]	03.06-	114454	14	180	RHD 03.06-	114178	12	1.4
SL 350 3.7	(230)[M112.973]	03.03-	114836	14	150	03.03-	113282	12	1.4
SL 500 5.0	(129)[M113.961]	05.98-10.01	111850	14	143	05.98-10.01	113282	12	1.4
	[M119.972]	08.89-07.94	112774#	14	100				
		09.92-10.01	111850	14	143				
		09.92-09.95	112539	14	110 ▲				
	[M119.982]	08.89-07.94	112774#	14	100				
		09.92-10.01	111850	14	143				
		09.92-09.95	112539	14	110 ▲				
	(230)[M113.963]	10.01-	114836	14	150				
SL 500 5.5	(230)[M273.965]					RHD 03.06-	114178	12	1.4
SL 55 AMG 5.4	(230)[M113.992]	06.02-	114737	14	180				
	[M113.995]	03.06-	114737	14	180				
SL 55 AMG 5.5	(230)[M113.992]	10.01-06.02	114737	14	180				
		10.01-06.02	114836	14	150				
SL 600 6.0	(129)[M120.983]	07.92-10.01	111850	14	143				
		07.92-10.01	112539	14	110				
SL 600 6.9	(129)[M120.981]	07.92-10.01	111850	14	143				
		07.92-09.95	112539	14	110				
SLK 200 1.8 Kompressor	(171)[M271.944]	03.04-	113877	14	120	03.04-	113513	12	1.1
SLK 200 2.0	(170)[M111.946]	09.96-	111369	14	90	09.96-	111347	12	1.2
		AT 09.96-	111369	14	90	09.96-01.98	113133		
SLK 200 2.0 Kompressor	(170)[M111.943]	10.96-	113486	14	90	10.96-	111347	12	1.2
						10.96-01.98	113133		
	[M111.958]	03.00-	113486	14	90	03.00-	111347	12	1.2
SLK 230 2.3 Kompressor	(170)[M111.973]	09.96-	113486	14	90	09.96-	111347	12	1.2
	[M111.983]	02.00-03.04	113486	14	90	02.00-03.04	111347	12	1.2
SLK 250 1.8	(R172)[M271.861]					02.11-	113513	12	1.1
SLK 250 2.2 CDI	(R172)[OM651.980]					01.12-	114305	12	1.7
SLK 280 3.0	(171)[M272.942]					RHD 01.05-	114178	12	1.4
SLK 32 AMG 3.2 Kompressor	(170)[M112.960]					03.01-	113282	12	1.4
SLK 320 3.2	(170)[M112.947]	03.00-	113302	14	120	03.03-	113282	12	1.4
SLR 5.4	(199)[M155.980]	04.04-	114836	14	150				
	[M155.980]	04.04-	114836	14	150				
SLR 5.4 722 Edition	(199)[M155.980]	10.06-	114836	14	150				
SLR 5.4 Roadster	[M155.980]	10.06-	114836	14	150				



Sprinter 2.1 CDI 3,5t	(906)[OM651.956]	06.06-	115413*	14 220	A25 06.06-	114850	12 2.5		
		05.09-	114876	14 180	06.06-	114305	12 1.7		
Sprinter 2.1 CDI 4x4 3,5t	(906)[OM651.956]	05.09-	114876	14 180	05.09-	114305	12 1.7		
					A25 05.09-	114850	12 2.5		
					10.96-	111970	12 1.0		
					A25 05.11-	114850	12 2.5		
	[OM651.957]			05.11-	114305	12 1.7			
Sprinter 2.2 CDI 313 4x4	(906)[OM651.956]				A25 06.06-	114850	12 2.5		
					06.06-	114305	12 1.7		
Sprinter 3.0 CDI 318	(906)[OM642.993]	02.08-	114042	14 180	02.08-	114507	12 1.8		
Sprinter 3.0 CDI 319	(906)[OM642.896]	03.09-	114042	14 180	03.09-	114507	12 1.8		
	[OM642.898]	03.09-	114042	14 180	03.09-	114507	12 1.8		
Sprinter 3.0 CDI 319 4x4	(906)[OM642.896]				03.09-	114507	12 1.8		
Sprinter 3.0 CDI 4x4	(906)[OM642.896]				05.11-	114507	12 1.8		
	[OM642.992]				05.11-	114507	12 1.8		
Sprinter 3.0 CDI 4x4 3,5t	(906)[OM642.898]				05.11-	114507	12 1.8		
Sprinter 208 2.1 CDI	(901,902)[OM611.987]	04.00-	112197	14 115 A47	04.00-	111851	12 2.0		
		04.00-	112425	14 150					
		04.00- 05.06	113889	14 90 A47					
		04.00- 05.06	114790	14 115 A46					
		04.00- 05.06	114792	14 90 A46					
		04.00- 05.06	115485	14 90 A49					
Sprinter 208 2.3 Diesel	(901,902)[OM601.943]	01.95-	111883	14 115	02.95- 12.95	111065	12 2.2		
		04.95-	111890	14 90	01.95-	111851	12 2.0		
		Eng. -509806 09.96- 03.97	112529	14 90	01.95- 12.95	112226			
		Eng. 385588 -509806 04.95- 03.97	112529	14 90					
		Eng. -385587 01.95- 04.00	111354	14 70					
Sprinter 209 2.1 CDI	(906)[OM646.984]	06.06-	114102	14 180	06.06-	114093	12 1.7		
		06.06-	114392*	14 90	06.06-	115512	12 1.7 A49		
		06.06-	115413*	14 220					
Sprinter 210 2.1 CDI	(906)[OM651.955]	03.09-	115413*	14 220	03.09-	114093	12 1.7		
					03.09-	114305	12 1.7		
					03.09-	115512	12 1.7 A49		
					03.09-	114305	12 1.7		
	[OM651.956]	03.09-	115413*	14 220	03.09-	114305	12 1.7		
Sprinter 210 2.9 Diesel	(901,902)[OM602.980]	01.97-	111883	14 115	01.97-	111851	12 2.0		
		01.97-	111890	14 90	02.95- 12.95	111065	12 2.2		
		AT, Eng. -001128 01.97- 04.00	112529	14 90					
	(902,902)[OM602.980]	01.97-	111883	14 115	01.97-	111851	12 2.0		
		01.97-	111890	14 90	02.95- 12.95	111065	12 2.2		
Sprinter 211 2.1 CDI	(901,902)[OM611.981]	04.00-	112197	14 115 A47	04.00-	111851	12 2.0		
		04.00-	112425	14 150					
		04.00- 05.06	113889	14 90 A47					
		04.00- 05.06	114790	14 115 A46					
		04.00- 05.06	114792	14 90 A46					
		04.00- 05.06	115485	14 90 A49					
Sprinter 212 2.9 Diesel	(901,902)[OM602.980]	02.95-	111354	14 70	02.95- 12.95	111065	12 2.2		
		02.95-	111883	14 115	02.95- 12.95	112226			
		02.95- 04.00	113768	14 95	02.95-	111851	12 2.0		
		Eng. 025811- 02.95-	111890	14 90					
Eng. -025810 02.95-	112529	14 90							
AT, Eng. 001129- 02.95-	111890	14 90							
AT, Eng. -001128 02.95-	112529	14 90							
Sprinter 213 2.1 CDI	(901,902)[OM611.981]	04.00-	112197	14 115 A47	04.00-	111851	12 2.0		
		04.00-	112425	14 150					
		04.00- 05.06	113889	14 90 A47					
		04.00- 05.06	114790	14 115 A46					
		04.00- 05.06	114792	14 90 A46					
		04.00- 05.06	115485	14 90 A49					
			(906)[OM646.986]	06.06-	114102	14 180	06.06-	114093	12 1.7
				06.06-	114392*	14 90	06.06-	115512	12 1.7 A49
				06.06-	115413*	14 220			
	[OM651]				03.09-	114093	12 1.7		
					03.09-	114305	12 1.7		
					03.09-	115512	12 1.7 A49		
	[OM651.956]				06.06-	114305	12 1.7		
	[OM651.957]	06.06-	115413*	14 220	06.06-	114305	12 1.7		
Sprinter 214 2.3	(901,902)[M111.979]	02.95-	111902	14 115	02.95-	111347	12 1.2		
		02.95-	111903	14 90					
	[M111.984]				02.95-	111347	12 1.2		
Sprinter 214 2.3 NGT	(901,902)[M111]	04.00-	111903	14 90	04.00-	111347	12 1.2		
		04.00-	111903	14 90	04.00-	111347	12 1.2		
	[M111.984]								
Sprinter 215 2.1 CDI	(906)[OM646.989]	06.06-	114102	14 180	06.06-	114093	12 1.7		
		06.06-	114392*	14 90	06.06-	115512	12 1.7 A49		
		06.06-	115413*	14 220					
	[OM646.990]	06.06-	114102	14 180	06.06-	114093	12 1.7		
		06.06-	114392*	14 90	06.06-	115512	12 1.7 A49		
		06.06-	115413*	14 220					
Sprinter 216 2.1 CDI	(906)[OM651]				03.09-	114093	12 1.7		
					03.09-	114305	12 1.7		
					03.09-	115512	12 1.7 A49		
	[OM651.957]	03.09-	114513	14 95	03.09-	114305	12 1.7		

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**MERCEDES-BENZ** *Continued*

Sprinter 216 2.7 CDI	(901,902)[OM612.981]	04.00-	112197	14 115 A47	04.00-	112440	12 2.2
		04.00-	112425	14 150	04.00-	111851	12 2.0
		04.00- 05.06	113889	14 90 A47			
		04.00- 05.06	114790	14 115 A46			
		04.00- 05.06	114792	14 90 A46			
		04.00- 05.06	115485	14 90 A49			
Sprinter 218 3.0 CDI	(906)[OM642.896] [OM642.993]				06.06-	114507	12 1.8
					06.06-	114507	12 1.8
Sprinter 219 3.0 CDI	(906)[OM642.896]				03.09-	114507	12 1.8
Sprinter 224 3.5	(906)[M272.979]	06.06-	114454	14 180	06.06-	114178	12 1.4
Sprinter 308 2.1 CDI	(903)[OM611.987]	04.00-	112197	14 115 A47	04.00-	111851	12 2.0
		04.00-	112425	14 150			
		04.00- 05.06	113889	14 90 A47			
		04.00- 05.06	114790	14 115 A46			
		04.00- 05.06	114792	14 90 A46			
		04.00- 05.06	115485	14 90 A49			
Sprinter 308 2.3 Diesel	(903)[OM601.943]	02.95- 03.00	111883	14 115	02.95- 01.97	112226	
		02.95- 03.00	111890	14 90	02.95- 04.00	111851	12 2.0
		Eng. 385588 -509806 04.95- 03.97	112529	14 90	02.95- 01.97	111065	12 2.2
		Eng. -385587 02.95- 03.95	111354	14 70			
		03.97- 04.00	111354	14 70	03.97- 04.00	111851	12 2.0
		03.97- 04.00	111890	14 90			
		03.97- 04.00	111883	14 115			
Sprinter 308	(903)	04.00-	111903	14 90	04.00-	111347	12 1.2
Sprinter 309 2.1 CDI	(906)[OM646.984]	06.06-	114102	14 180	06.06-	114093	12 1.7
		06.06-	114392*	14 90	06.06-	115512	12 1.7 A49
Sprinter 310 2.1 CDI	(906)[OM651.956]				03.09-	114305	12 1.7
Sprinter 310 2.9 Diesel	(903)[OM602.980]	02.95-	111883	14 115	02.95-	111851	12 2.0
		02.95-	111890	14 90	02.95- 01.97	112226	
		Eng. -025810 01.97- 04.00	112529	14 90			
		AT, Eng. -001128 01.97- 03.00	112529	14 90			
Sprinter 310 2.9 Diesel 4x4	(903)[OM602.980]	05.97-	111883	14 115	05.97-	111851	12 2.0
		05.97-	111890	14 90			
		AT, Eng. -001128 01.97- 03.00	112529	14 90			
Sprinter 311 2.1 CDI	(903)[OM611.981]	04.00-	112197	14 115 A47	04.00-	111851	12 2.0
		04.00-	112425	14 150			
		04.00- 05.06	113889	14 90 A47			
		04.00- 05.06	114790	14 115 A46			
		04.00- 05.06	114792	14 90 A46			
		04.00- 05.06	115485	14 90 A49			
	(906)[OM646.985]	06.06-	114102	14 180	06.06-	114093	12 1.7
		06.06-	114392*	14 90	06.06-	115512	12 1.7 A49
Sprinter 311 2.1 CDI 4x4	(903)[OM611.981]	08.02-	112425	14 150	08.02-	111851	12 2.0
		08.02- 05.06	113889	14 90 A47			
		08.02- 05.06	114792	14 90 A46			
		08.02- 05.06	115485	14 90 A49			
	(906)[OM646.985]	02.08-	113951	14 200	02.08-	114093	12 1.7
		02.08-	114102	14 180	02.08-	115512	12 1.7 A49
		02.08-	114392*	14 90	A25 02.08-	115334	12 2.0
Sprinter 312 2.9 Diesel	(903)[OM602.980]	02.95-	111354	14 70	02.95-	111851	12 2.0
		02.95-	111883	14 115	02.95- 01.97	112226	
		02.95- 04.00	113768	14 95	02.95- 01.97	111065	12 2.2
		Eng. 025811- 02.95-	111890	14 90			
		Eng. -025810 02.95-	112529	14 90			
		AT, Eng. 001129- 02.95-	111890	14 90			
		AT, Eng. -001128 04.95-	112529	14 90			
			12.98- 09.01	111890	14 90	12.98- 09.01	111851
	12.98- 09.01	112529	14 90				
	12.98- 09.01	111883	14 115				
Sprinter 312 2.9 Diesel 4x4	(903)[OM602.980]	05.97-	111354	14 70	05.97- 08.02	111851	12 2.0
		05.97- 08.02	111883	14 115			
		05.97- 08.02	111890	14 90			
		05.97- 08.02	112529	14 90			
		05.97- 08.02	113768	14 95			
		Eng. 025811- 05.97-	111890	14 90			
		Eng. -025810 04.95-	112529	14 90			
AT, Eng. 001129- 05.97-	111890	14 90					
AT, Eng. -001128 04.95-	112529	14 90					
Sprinter 313 2.1 CDI	(903)[OM611.981]	04.00-	112197	14 115 A47	04.00-	111851	12 2.0
		04.00-	112425	14 150			
		04.00- 05.06	113889	14 90 A47			
		04.00- 05.06	114790	14 115 A46			
		04.00- 05.06	114792	14 90 A46			
		04.00- 05.06	115485	14 90 A49			
	(906)[OM646.986]	06.06-	113951	14 200	06.06-	114093	12 1.7
		06.06-	114102	14 180	A25 06.06-	115334	12 2.0
		06.06-	114392*	14 90	06.06-	115512	12 1.7 A49
	[OM651.955]				06.06-	115512	12 1.7 A49
Sprinter 313 2.1 CDI 4x4	(903)[OM611.981]	08.02-	112425	14 150	08.02-	111851	12 2.0
		08.02- 05.06	113889	14 90 A47			
		08.02- 05.06	114792	14 90 A46			
		08.02- 05.06	115485	14 90 A49			
Sprinter 314 2.3	(903)[M111.979]	02.95-	111902	14 115	02.95-	111347	12 1.2
		02.95-	111903	14 90			
	[M111.984]				02.95-	111347	12 1.2
Sprinter 314 2.3 4x4	(903)[M111.979]	08.02-	111902	14 115	02.95- 03.00	111347	12 1.2
		08.02-	111903	14 90			
	[M111.984]	08.02-	111902	14 115	02.95- 03.00	111347	12 1.2
		08.02-	111903	14 90			



Sprinter 314 2.3 NGT	(903)[M111]	04.00-	111903	14	90	04.00-	111347	12	1.2
	[M111.984]	04.00-	111903	14	90	04.00-	111347	12	1.2
Sprinter 315 2.1 CDI	(906)[OM646.989]	06.06-	114102	14	180	06.06-	114093	12	1.7
		06.06-	114392*	14	90	06.06-	115512	12	1.7 A49
Sprinter 315 2.1 CDI 4x4	(906)[OM646.989]	02.08-	113951	14	200	02.08-	114093	12	1.7
		02.08-	114102	14	180	A25 02.08-	115334	12	2.0
		02.08-	114392*	14	90	02.08-	115512	12	1.7 A49
Sprinter 316 1.8	(906)[M271.951]					09.08-	113513	12	1.1
Sprinter 316 1.8	(906)[M271.951]					09.08-	113513	12	1.1
Sprinter 316 2.1 CDI	(906)[OM651]					03.09-	114093	12	1.7
						03.09-	114305	12	1.7
						03.09-	115512	12	1.7 A49
	[OM651.957]	08.11-	114146	14	120	08.11-	114305	12	1.7
Sprinter 316 2.1 CDI 4x4	(906)[OM651]					03.09-	114093	12	1.7
						03.09-	114305	12	1.7
						03.09-	115512	12	1.7 A49
Sprinter 316 2.7 CDI	(903)[OM612.981]	04.00-	112197	14	115 A47	04.00-	112440	12	2.2
		04.00-	112425	14	150	04.00-	111851	12	2.0
		04.00- 05.06	113889	14	90 A47				
		04.00- 05.06	114790	14	115 A46				
		04.00- 05.06	114792	14	90 A46				
		04.00- 05.06	115485	14	90 A49				
Sprinter 316 2.7 CDI 4x4	(903)[OM612.981]	08.02-	112425	14	150	08.02-	111851	12	2.0
		08.02- 05.06	113889	14	90 A47				
		08.02- 05.06	114792	14	90 A46				
		08.02- 05.06	115485	14	90 A49				
Sprinter 316 316	(906)[M271.951]					09.08-	113513	12	1.1
Sprinter 316 LGT 1.8 LGT	(906)[M271.951]					09.08-	113513	12	1.1
Sprinter 318 3.0 CDI	(906)[OM642.896]	06.06-	114042	14	180	06.06-	114507	12	1.8
						06.06-	114507	12	1.8
						06.06-	114507	12	1.8
Sprinter 318 3.0 CDI 4x4	(906)[OM642.896]					02.08-	114507	12	1.8
						02.08-	114507	12	1.8
Sprinter 319 3.0 CDI 4x4	(906)[OM642]	02.08-	114042	14	180	02.08-	114507	12	1.8
						03.09-	114507	12	1.8
						03.09-	114507	12	1.8
						03.09-	114507	12	1.8
Sprinter 319 3.0 CDI 4x4	(906)[OM642]	03.09-	114042	14	180	03.09-	114507	12	1.8
						03.09-	114507	12	1.8
						03.09-	114507	12	1.8
Sprinter 319 3.0 CDI 4x4	(906)[OM642]	03.09-	114042	14	180	03.09-	114507	12	1.8
						03.09-	114507	12	1.8
Sprinter 319 3.0 CDI 4x4	(906)[OM642]	03.09-	114042	14	180	03.09-	114507	12	1.8
						03.09-	114507	12	1.8
Sprinter 324 3.5	(906)[M272.979]	06.06-	114454	14	180	06.06-	114178	12	1.4
Sprinter 408 2.1 CDI	(904)[OM611.987]	04.00-	112197	14	115 A47	12.99-	111851	12	2.0
		04.00- 05.06	113889	14	90 A47				
		04.00- 05.06	114790	14	115 A46				
		04.00- 05.06	114792	14	90 A46				
		04.00- 05.06	115485	14	90 A49				
		12.99-	112425	14	150				
Sprinter 408 2.3 Diesel	(904)[OM601.943]	02.95- 03.95	111354	14	70	02.95- 03.00	111851	12	2.0
		02.95- 03.00	112529	14	90	02.95- 03.00	112226		
		04.95- 03.00	111890	14	90				
		02.96-	111883	14	115				
		Eng. 471030- 02.95- 03.00	111883	14	115				
Sprinter 410 2.9 Diesel	(904)[OM602.980]	02.96- 05.06	113768	14	95	01.97- 03.00	111851	12	2.0
		01.97- 03.00	111883	14	115				
		Eng. 001129-, 025811- 01.97- 03.00	111890	14	90				
		Eng. -001128, -025810 02.96- 03.00	112529	14	90				
Sprinter 410 2.9 Diesel 4x4	(904)[OM602.980]	01.97- 03.00	111883	14	115	01.97- 03.00	111851	12	2.0
		05.97- 05.06	113768	14	95				
		Eng. 001129-, 025811- 01.97- 03.00	111890	14	90				
		Eng. -001128, -025810 01.97- 03.00	112529	14	90				
Sprinter 411 2.1 CDI	(904)[OM611.981]	04.00-	112197	14	115 A47	12.99-	111851	12	2.0
		04.00- 05.06	113889	14	90 A47				
		04.00- 05.06	114790	14	115 A46				
		04.00- 05.06	114792	14	90 A46				
		12.99-	112425	14	150				
		12.99- 05.06	115485	14	90 A49				
	(906)[OM646.985]	06.09-	114102	14	180	06.09-	114093	12	1.7
						06.09-	115334	12	2.0
						06.09-	115512	12	1.7 A49
Sprinter 411 2.1 CDI 4x4	(904)[OM611.981]	04.00-	112197	14	115 A47	12.99-	111851	12	2.0
		04.00- 05.06	113889	14	90 A47				
		04.00- 05.06	114790	14	115 A46				
		04.00- 05.06	114792	14	90 A46				
		04.00- 05.06	115485	14	90 A49				
		12.99-	112425	14	150				
Sprinter 412 2.9 Diesel	(904)[OM602.980]	02.95- 02.01	111883	14	115	02.95- 05.06	111851	12	2.0
		02.96-	111851			02.95- 03.00	112226		
		02.96- 05.06	113768	14	95				
		01.97- 03.00	112529	14	90				
		Eng. 001129-, 025811- 02.95- 02.01	111890	14	90				
		Eng. -001128, -025810 02.95- 02.01	112529	14	90				
		Chas. 001129-, 025811- 02.95- 03.00	111890	14	90				
		Chas. -001128, -025810 02.95- 03.00	112529	14	90				
Sprinter 412 2.9 Diesel 4x4	(904)[OM602.980]	02.95- 02.01	111883	14	115	02.95- 05.06	111851	12	2.0
		01.97- 03.00	112529	14	90	02.95- 03.00	112226		
		05.97-	111851						
		05.97- 05.06	113768	14	95				
		Eng. 001129-, 025811- 02.95- 02.01	111890	14	90				
		Eng. -001128, -025810 02.95- 02.01	112529	14	90				
		Chas. 001129-, 025811- 02.95- 03.00	111890	14	90				
		Chas. -001128, -025810 02.95- 03.00	112529	14	90				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**MERCEDES-BENZ** Continued

Sprinter 413 2.1 CDI	(904)[OM611.981]	04.00-	112197	14 115 A47	12.99-	111851	12 2.0					
		04.00- 05.06	113889	14 90 A47								
		04.00- 05.06	114790	14 115 A46								
		04.00- 05.06	114792	14 90 A46								
		12.99-	112425	14 150								
		12.99- 05.06	115485	14 90 A49								
(906)[OM646.986]					06.06-	114305	12 1.7					
[OM651]		06.06-	115413*	14 220	06.06-	114305	12 1.7					
Sprinter 413 2.1 CDI 4x4	(904)[OM611.981]	04.00-	112197	14 115 A47	12.99-	111851	12 2.0					
		04.00- 05.06	113889	14 90 A47								
		04.00- 05.06	114790	14 115 A46								
		04.00- 05.06	114792	14 90 A46								
		04.00- 05.06	115485	14 90 A49								
		12.99-	112425	14 150								
Sprinter 414 2.3	(904)[M111.979]	02.95- 02.01	111902	14 115	02.95- 03.00	111347	12 1.2					
		02.95- 02.01	111903	14 90								
		[M111.984]							02.95- 03.00	111347	12 1.2	
Sprinter 414 2.3 4x4	(904)[M111.979]	05.97-	111902	14 115	05.97-	111347	12 1.2					
		05.97- 02.01	111903	14 90								
[M111.984]					05.97-	111347	12 1.2					
Sprinter 415 2.1 CDI	(906)[OM646.963]	06.09-	114102	14 180	06.09-	114093	12 1.7					
						115334	12 2.0					
						115512	12 1.7 A49					
	[OM646.966]				A25 06.09-	115334	12 2.0					
					06.09-	114093	12 1.7					
					06.09-	115512	12 1.7 A49					
	[OM646.986]				A25 06.09-	115334	12 2.0					
					06.09-	115512	12 1.7 A49					
	[OM646.989]		06.06-	113951	14 200	06.06-	114093	12 1.7				
			06.06-	114102	14 180	A25 06.06-	115334	12 2.0				
		06.06-	114392*	14 90	06.06-	115512	12 1.7 A49					
Sprinter 416 2.1 CDI	(906)[OM651]				03.09-	114093	12 1.7					
					03.09-	114305	12 1.7					
					03.09-	115512	12 1.7 A49					
Sprinter 416 2.7 CDI	(904)[OM612.981]	04.00-	112197	14 115 A47	12.99-	112440	12 2.2					
		04.00- 05.06	113889	14 90 A47								
		04.00- 05.06	114790	14 115 A46								
		04.00- 05.06	114792	14 90 A46								
		12.99-	112425	14 150								
		12.99- 05.06	115485	14 90 A49								
Sprinter 416 2.7 CDI 4x4	(904)[OM612.981]	04.00-	112197	14 115 A47	12.99-	112440	12 2.2					
		04.00- 05.06	113889	14 90 A47								
		04.00- 05.06	114790	14 115 A46								
		04.00- 05.06	114792	14 90 A46								
		04.00- 05.06	115485	14 90 A49								
		12.99-	112425	14 150								
Sprinter 418 3.0 CDI	(906)[OM642.896]	06.06-	114042	14 180	06.06-	114507	12 1.8					
						114507	12 1.8					
						114507	12 1.8					
						114507	12 1.8					
Sprinter 419 3.0 CDI	(906)[OM642.896]				03.09-	114507	12 1.8					
					03.09-	114507	12 1.8					
					03.09-	114507	12 1.8					
Sprinter 424 3.5	(906)[M272.979]	06.06-	114454	14 180	06.06-	114178	12 1.4					
Sprinter 509 2.1 CDI	(906)[OM646.984]	06.06-	114102	14 180	06.06-	114093	12 1.7					
						114392*	14 90	06.06-	115512	12 1.7 A49		
Sprinter 510 2.1 CDI	(906)[OM651.956]				03.09-	114305	12 1.7					
Sprinter 511 2.1 CDI	(906)[OM646.985]	06.06-	114102	14 180	06.06-	114093	12 1.7					
						114392*	14 90	06.06-	115512	12 1.7 A49		
Sprinter 511 2.1 CDI 4x4	(906)[OM646.985]	06.06-	114102	14 180	06.06-	114093	12 1.7					
						A25 06.06-	115334	12 2.0				
						06.06-	115334	12 2.0				
						06.06-	115512	12 1.7 A49				
Sprinter 513 2.1 CDI	(906)[OM646.986]				06.06-	114305	12 1.7					
					06.06-	114305	12 1.7					
Sprinter 513 2.1 CDI 4x4	(906)[OM651.956]				06.06-	114305	12 1.7					
Sprinter 515 2.1 CDI	(906)[OM646.986]	06.06-	114102	14 180	06.06-	114093	12 1.7					
						114392*	14 90	06.06-	115512	12 1.7 A49		
						[OM646.989]	06.06-	114102	14 180	06.06-	114093	12 1.7
						06.06-	114392*	14 90	06.06-	115512	12 1.7 A49	
						[OM646.990]	06.06-	114102	14 180	06.06-	114093	12 1.7
Sprinter 515 2.1 CDI 4x4	(906)[OM646.989]	06.06-	113951	14 200	06.06-	115334	12 2.0					
						114102	14 180	06.06-	114093	12 1.7		
									06.06-	115512	12 1.7 A49	
						[OM646.990]			A25 06.06-	115334	12 2.0	
									06.06-	114093	12 1.7	
									114102	14 180	06.06-	115512
Sprinter 516 2.1 CDI	(906)[OM651]				03.09-	114093	12 1.7					
					03.09-	114305	12 1.7					
					03.09-	115512	12 1.7 A49					
Sprinter 516 2.1 CDI 4x4	(906)[OM651.957]				06.06-	114305	12 1.7					
Sprinter 518 3.0 CDI	(906)[OM642.896]	06.06-	114042	14 180	06.06-	114507	12 1.8					
						114507	12 1.8					
Sprinter 518 3.0 CDI 4x4	(906)[OM642.896]	06.06-	114042	14 180	06.06-	114507	12 1.8					
						114507	12 1.8					
						[OM642.992]	06.06-	114042	14 180	06.06-	114507	12 1.8
						[OM642.993]	06.06-	114042	14 180	06.06-	114507	12 1.8
Sprinter 519 3.0 CDI	(906)[OM642.896]	03.09-	114042	14 180	03.09-	114507	12 1.8					
						114507	12 1.8					
Sprinter 519 3.0 CDI 4x4	(906)[OM642.896]	03.09-	114042	14 180	03.09-	114507	12 1.8					



	[OM642.898]	03.09-	114042	14 180		03.09-	114507	12 1.8
	[OM642.992]	03.09-	114042	14 180		03.09-	114507	12 1.8
Sprinter 524 3.5	(906)[M272.979]	06.06-	114454	14 180		06.06-	114178	12 1.4
Sprinter 616 2.7 CDI	[OM612.981]	04.01-	112425	14 150		04.01-	111851	12 2.0
		04.01- 05.06	113889	14 90 A47		02.01-	112440	12 2.2
		04.01- 05.06	114792	14 90 A46				
		04.01- 05.06	115485	14 90 A49				
T1 2.3	(602)[M102.942]	01.82- 12.94	110358	14 55		01.82- 12.94	111347	12 1.2
		01.82- 12.94	110923	14 55		01.82- 12.94	110862	12 1.5
		01.82- 12.94	111093	14 70				
		01.82- 12.94	111149	14 80				
		01.82- 12.94	112529	14 90				
		01.82- 12.94	112734	14 80				
T1 210 2.3	(601)[M115.955]	05.77- 12.82	110358	14 55		05.77- 12.82	110869	12 1.5
		05.77- 12.82	110730#	14 35				
T1 310 2.3	(602)[M102.942]	06.89- 02.96	110923	14 55		06.89- 02.96	110862	12 1.5
		06.89- 02.96	111093	14 70		06.89- 02.96	111347	12 1.2
		06.89- 02.96	112734	14 80				
V 200 2.0	(638)[M111.948]	04.96-	111902	14 115		04.96-	111347	12 1.2
		04.96-	111903	14 90		02.97- 01.98	113133	
		03.99-	112425	14 150				
V 200 2.2 CDI	(638)[OM611.980]	03.99-	112197	14 115 A47		03.99- 07.03	113807	
		03.99-	112425	14 150		03.99-	111851	12 2.0
		03.99- 07.03	113889	14 90 A47				
		03.99- 07.03	114790	14 115 A46				
		03.99- 07.03	114792	14 90 A46				
		03.99- 07.03	115485	14 90 A49				
V 220 2.2 CDI	(638)[OM611.980]	03.99-	112197	14 115 A47		03.99- 07.03	113807	
		03.99-	112425	14 150		03.99-	111851	12 2.0
		03.99- 07.03	114790	14 115 A46				
		03.99- 07.03	115485	14 90 A49				
V 230 2.3	[M111.978]	10.96-	111902	14 115		10.96-	111347	12 1.2
		10.96-	111903	14 90				
V 230 2.3 TD	[OM601.970]	04.96- 02.97	113442	14 90		04.96-	111851	12 2.0
		09.96- 07.03	113869#	14 115		09.96-	112226	
V 280 2.8	(638)[M104.900]	08.97- 07.03	113885	14 150		04.96-	112286	12 1.7
Vaneo 1.6	[M166.961]	02.02-	111967	14 90		10.01-	111931	12 1.1
						02.02-	113756	12 0.8
Vaneo 1.7 CDI	[OM668.914]	11.01-	111943	14 90				
		11.01-	113251	14 150				
Vaneo 1.9	[M166.991]				Chas. N230983- 02.02-		111931	12 1.1
Viano 2.1 CDI	(W639)[OM651.940]					A25 07.10-	114850	12 2.5
						07.10-	114305	12 1.7
Viano 2.1 CDI 4 Matic	(639)[OM642.982]	07.05-	113951	14 200				
		07.05-	114102	14 180				
		07.05-	113951	14 200				
Viano 2.1 CDI 4-matic	(W639)[OM651.940]					A25 07.10-	114850	12 2.5
						07.10-	114305	12 1.7
Viano 2.2 CDI	(639)[OM646.982]	09.03-	113951	14 200		09.03-	112226	
		09.03-	114102	14 180		09.03-	111851	12 2.0
Viano 3.0 CDI	(W639)[OM642.990]	07.10-	114042	14 180				
Viano 3.2	(639)[M112.951]	09.03-	113302	14 120		09.03-	113282	12 1.4
		09.03-	113835	14 120				
Viano 3.7	(639)[M112.976]	06.04-	113302	14 120				
Vito 2.1 CDI	(W639)[OM646.981]	08.06-	113951	14 200				
		08.06-	114102	14 180				
Vito 2.1 CDI 110	(W639)[OM651.940]					A25 09.10-	114850	12 2.5
						09.10-	114305	12 1.7
Vito 2.1 CDI 113	(W639)[OM651.940]					A25 09.10-	114850	12 2.5
						09.10-	114305	12 1.7
Vito 2.1 CDI 113 4x4	(W639)[OM651.940]					A25 09.10-	114850	12 2.5
						09.10-	114305	12 1.7
Vito 2.1 CDI 116	(W639)[OM651.940]					A25 09.10-	114850	12 2.5
						09.10-	114305	12 1.7
Vito 2.1 CDI 116 4x4	(W639)[OM651.940]					A25 09.10-	114850	12 2.5
						09.10-	114305	12 1.7
Vito 2.2 CDI	(W639)[OM646.981]	09.07-	113951	14 200				
		09.07-	114102	14 180				
Vito 2.2 CDI 4x4	(W639)[OM646.980]	09.07-	113951	14 200				
		09.07-	114102	14 180				
		09.07-	113951	14 200				
		09.07-	114102	14 180				
	[OM646.981]	09.07-	113951	14 200				
	[OM646.982]	09.07-	113951	14 200				
		09.07-	114102	14 180				
Vito 3.0 CDI 122	(W639)[OM642.890]	09.10-	114042	14 180				
Vito / Mixto 2.1 CDI 110	(W639)[OM651.940]					A25 09.10-	114850	12 2.5
						09.10-	114305	12 1.7
Vito / Mixto 2.1 CDI 113	(W639)[OM651.940]					A25 09.10-	114850	12 2.5
						09.10-	114305	12 1.7
Vito / Mixto 2.1 CDI 116	(W639)[OM651.940]					A25 09.10-	114850	12 2.5
						09.10-	114305	12 1.7
Vito / Mixto 3.0 CDI 122	(W639)[OM642.890]	09.10-	114042	14 180				
Vito 108 2.2 CDI	(638)[OM611A]	03.99-	112197	14 115 A47		03.99- 07.03	113807	
		03.99-	112425	14 150		03.99-	111851	12 2.0
		03.99- 07.03	113889	14 90 A47				
		03.99- 07.03	114790	14 115 A46				
		03.99- 07.03	114792	14 90 A46				
		03.99- 07.03	115485	14 90 A49				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





MERCEDES-BENZ Continued

Application list

	[OM611LA]	03.99- 03.99- 03.99- 07.03 03.99- 07.03 03.99- 07.03 03.99- 07.03	112197 112425 113889 114790 114792 115485	14 115 A47 14 150 14 90 A47 14 115 A46 14 90 A46 14 90 A49	03.99- 07.03 03.99-	113807 111851	12 2.0	
Vito 108 2.3 Diesel	(638)[OM601.942]	02.96- 02.96- 07.03	113442 113869#	14 90 14 115	02.97- 02.96- 01.97	111851 112226	12 2.0	
Vito 109 2.1 CDI	(639)[OM646.980]	09.06- 09.06-	113951 114102	14 200 14 180				
	[OM646.983]	09.03-	113951	14 200	09.03-	111851	12 2.0	
Vito 110 2.2 CDI	(638)[OM611LA]	03.99- 03.99- 03.99- 03.99- 07.03 03.99- 07.03 03.99- 07.03	112197 112425 113889 114790 114792 115485	14 115 A47 14 150 14 90 A47 14 115 A46 14 90 A46 14 90 A49	03.99- 07.03 03.99- 03.99-	113807 111851	12 2.0	
Vito 110 2.3 Diesel	(638)[OM601.970]	02.96- 02.96- 07.03	113442 113869#	14 90 14 115	02.97- 02.96- 01.97	111851 112226	12 2.0	
Vito 110 2.3 TD	(638)[OM601.970]	02.96- 03.97- 07.03	113442 113869#	14 90 14 115	02.97- 02.96- 01.97	111851 112226	12 2.0	
Vito 111 2.2 CDI	(639)[OM646.982]	09.03-	113951	14 200	09.03-	111851	12 2.0	
Vito 112 2.2 CDI	(638)[OM611.980]	03.99- 03.99- 07.03 03.99- 07.03 03.99- 07.03	112197 113889 114790 114792 115485	14 115 A47 14 90 A47 14 115 A46 14 90 A46 14 90 A49	03.99- 07.03 03.99- 03.99-	113807 111851	12 2.0	
			112425	14 150				
Vito 113 2.0	(638)[M111.948]	11.95- Eng. -009961 11.95- 01.97	111903 111902	14 90 14 115	11.95- 12.97	111347	12 1.2	
Vito 113 2.1 CDI 4x4	(W639)[OM651.940]	09.10- 09.10-	114146 114876	14 120 14 180	09.10-	114305	12 1.7	
Vito 114 2.3	(638)[M111.978]	11.95- Eng. -009961 11.95- 01.97	111903 111902	14 90 14 115	11.95- 12.97	111347	12 1.2	
Vito 115 2.2 CDI	(639)[OM646.982]	09.03- 09.03-	113951 114102	14 200 14 180	09.03-	111851	12 2.0	
Vito 116 2.1 CDI 4x4	(W639)[OM651.940]	09.10- 09.10-	114146 114876	14 120 14 180	09.10-	114305	12 1.7	
Vito 119 3.2	(639)[M112.951]	09.03- 10.03-	113835 113302	14 120 14 120	10.03-	113282	12 1.4	
Vito 122 3.2	(639)[M112.951]	09.03- 10.03-	113835 113302	14 120 14 120	10.03-	113282	12 1.4	
Vito 123 3.7	(639)[M112.976]	06.04- 06.04-	113302 113835	14 120 14 120				
<b>PASSENGER CARS US</b>								
200 2.0		01.66- 01.67	110727		01.95- 01.98	113133		
					01.66- 01.67	110869	12 1.5	
220 2.2		01.60- 01.73	110727		01.60- 01.73	110869	12 1.5	
230 2.3		01.66- 01.69	110727		01.66- 01.78	110869	12 1.5	
		01.74- 01.78	110358	14 55				
250 2.5		01.68- 01.68	110727		01.69- 01.70	110869	12 1.5	
250 2.8		01.71- 01.72	110727		01.71- 01.72	110869	12 1.5	
280 2.8		01.73- 01.76	110358	14 55	01.73- 01.76	110869	12 1.5	
300 3.0					01.95- 01.98	113133		
600 6.3		06.69- 07.73	110735#	14 55				
		08.73- 05.81	110358	14 55				
		01.68- 01.72	110727					
180 D 1.8					01.60- 01.62	112249	12 2.7	
180 D 2.0					01.63- 01.63	112249	12 2.7	
190 B 1.9					01.61- 01.62	110869	12 1.5	
190 C 1.9					01.63- 01.65	110869	12 1.5	
190 D 2.2		01.84- 01.85	110923	14 55	01.84- 01.85	112226		
190 D 2.5		01.86- 01.89	111149	14 80	01.86- 01.89	112226		
190 DT 2.5 Turbo		01.87- 01.87	111149	14 80	01.87- 01.87	112226		
190 E 2.3		01.84- 01.93	110358	14 55	01.84- 01.85	110862	12 1.5	
		01.86- 01.93	111149	14 80				
190 E 2.6		01.87- 01.93	111149	14 80	01.87- 01.93	112315		
190 E-16 2.3		01.86- 01.87	110358	14 55				
		01.86- 01.87	111149	14 80				
200 D 2.0		01.66- 01.67	110727		01.95- 01.98	113133		
220 D 2.2		01.68- 01.73	110727		01.68- 01.73	110368	12 2.3	
220 S 2.2		01.60-	110727					
220 SE 2.2		01.60- 01.65	110727		01.60- 01.65	110869	12 1.5	
230 S 2.3		01.66- 01.67	110727		01.66- 01.67	110869	12 1.5	
230 SL 2.3		01.63- 01.66	110727		01.63- 01.66	110869	12 1.5	
240 D 2.4		01.74- 01.83	110358	14 55	01.74- 01.83	110368	12 2.3	
250 C 2.8		01.70- 01.72	110727		01.70- 01.72	110869	12 1.5	
250 S 2.5		01.66- 01.67	110727		01.66- 01.67	110869	12 1.5	
250 SE 2.5		01.66- 01.66	110727		01.66- 01.67	110869	12 1.5	
250 SL 2.5		01.67- 01.67	110727		01.67- 01.67	110869	12 1.5	
260 E 2.6		01.87- 01.89	110358	14 55	01.87- 01.89	112315		
		01.87- 01.89	111149	14 80				
280 C 2.8		01.73- 01.76	110358	14 55	01.73- 01.76	110869	12 1.5	
280 CE 2.8		01.78- 01.81	110358	14 55	01.78- 01.81	110869	12 1.5	
280 E 2.8		01.77- 01.81	110358	14 55	01.77- 01.81	110869	12 1.5	
280 S 2.8		01.75- 01.76	110358	14 55	01.69- 01.76	110869	12 1.5	
		01.69- 01.71	110727					
280 SE 2.8		01.77- 01.80	110358	14 55	01.69- 01.80	110869	12 1.5	
		01.69- 01.72	110727					



280 SE 3.5						01.70-	01.70	110869	12	1.5	
280 SE 4.5						01.73-	01.73	110869	12	1.5	
280 SEL 2.8		01.69-	01.71	110727		01.69-	01.71	110869	12	1.5	
280 SEL 4.5						01.72-	01.73	110869	12	1.5	
280 SL 2.8		01.69-	01.71	110727		01.69-	01.71	110869	12	1.5	
300 CD 3.0		01.78-	01.81	110358	14	55	01.78-	01.81	110368	12	2.3
300 CDT 3.0 Turbo		01.82-	01.85	110358	14	55	01.82-	01.85	110368	12	2.3
300 CE 3.0		01.88-	01.92	111149	14	80	01.88-	01.92	112315		
300 CE 3.2		01.93-	01.93	111369	14	90	01.93-	01.93	112315		
		01.93-	01.93	112529	14	90					
300 D 2.5 Turbo		01.90-	01.93	111149	14	80	01.90-	01.93	112226		
300 D 3.0		01.75-	01.81	110358	14	55	01.75-	01.81	110368	12	2.3
300 D 3.0 Turbo		01.87-		111149	14	80	01.95-	01.98	113133		
300 DT 3.0 Turbo		01.87-	01.87	111149	14	80	01.87-	01.87	112226		
		01.79-	01.85	110358	14	55	01.79-	01.85	110368	12	2.3
300 E 2.6		01.90-	01.92	112734	14	80	01.90-	01.92	112315		
300 E 2.8		01.93-	01.93	111369	14	90	01.93-	01.93	112315		
		01.93-	01.93	112529	14	90					
300 E 3.0		01.86-	01.92	111149	14	80	01.86-	01.92	112315		
300 E 3.0 4 Matic		01.90-	01.93	112734	14	80	01.90-	01.93	112315		
300 E 3.2		01.93-	01.93	111369	14	90	01.93-	01.93	112315		
		01.93-	01.93	112529	14	90					
300 SD 3.0 Turbo		01.78-	01.85	110358	14	55	01.78-	01.85	110368	12	2.3
300 SD 3.4 Turbo		01.92-	01.93	112774#	14	100	01.92-	01.93	112226		
		01.92-	01.93	112529	14	90					
300 SDL 3.0 Turbo		01.86-	01.87	111149	14	80	01.86-	01.87	112226		
300 SE 3.0		01.88-	01.91	111149	14	80	01.95-	01.98	113133		
							01.88-	01.91	112315		
300 SE 3.2		01.92-	01.93	112194	14	120	01.92-	01.93	112315		
300 SEL 2.8							01.68-	01.69	110869	12	1.5
300 SEL 3.0		01.88-	01.91	111149	14	80	01.63-	01.65	110869	12	1.5
							01.88-	01.91	112315		
300 SEL 3.5							01.70-	01.71	110869	12	1.5
300 SEL 4.5							01.72-	01.73	110869	12	1.5
300 SEL 6.3							01.95-	01.98	113133		
300 SL 3.0		01.90-	01.93	112774#	14	100	01.95-	01.98	113133		
							01.90-	01.93	112315		
300 TE 3.0		01.88-	01.92	111149	14	80	01.88-	01.92	112315		
300 TE 3.0 4 Matic		01.90-	01.93	112734	14	80	01.90-	01.93	112315		
300 TE 3.2		01.93-	01.93	111369	14	90	01.93-	01.93	112315		
		01.93-	01.93	112529	14	90					
300B 3.0							01.95-	01.98	113133		
300C 3.0							01.95-	01.98	113133		
300D 3.0							01.95-	01.98	113133		
300S 3.0							01.95-	01.98	113133		
300SC 3.0							01.95-	01.98	113133		
300SE 3.0							01.95-	01.98	113133		
300SEL 3.0							01.95-	01.98	113133		
300SL 3.0							01.95-	01.98	113133		
300TD 3.0							01.95-	01.98	113133		
350 SD 3.4 Turbo		01.91-	01.91	112734	14	80	01.91-	01.91	112226		
350 SDL 3.4 Turbo		01.90-	01.91	112734	14	80	01.90-	01.91	112226		
350 SL 4.5							01.72-	01.72	110869	12	1.5
380 SE 3.8		01.84-	01.85	111149	14	80	01.84-	01.85	110869	12	1.5
380 SEC 3.8		01.82-	01.83	111149	14	80	01.82-	01.83	110869	12	1.5
380 SEL 3.8							01.81-	01.83	110869	12	1.5
380 SL 3.8							01.81-	01.85	110869	12	1.5
380 SLC 3.8							01.81-	01.81	110869	12	1.5
400 E 4.2		01.92-	01.93	112194	14	120	01.92-	01.93	113133		
400 SE 4.2		01.92-	01.92	112194	14	120	01.92-	01.92	113133		
400 SEL 4.2		01.93-	01.93	112194	14	120	01.93-	01.93	113133		
420 SEL 4.2		01.86-	01.91	111149	14	80	01.86-	01.91	110869	12	1.5
450 SE 4.5		01.73-	01.76	110358	14	55	01.73-	01.76	110869	12	1.5
450 SEL 4.5		01.73-	01.80	110358	14	55	01.73-	01.80	110869	12	1.5
450 SL 4.5		01.74-	01.80	110358	14	55	01.73-	01.80	110869	12	1.5
							01.74-	01.80	110838	12	1.5
450 SLC 4.5		01.74-	01.80	110358	14	55	01.73-	01.80	110869	12	1.5
							01.74-	01.80	110838	12	1.5
500 E 5.0		01.92-	01.93	112194	14	120					
500 SEC 5.0		01.93-	01.93	112194	14	120	01.84-	01.85	110869	12	1.5
		01.84-	01.85	111149	14	80					
500 SEL 5.0		01.92-	01.93	112194	14	120	01.84-	01.85	110869	12	1.5
		01.84-	01.85	111149	14	80					
500 SL 5.0		01.90-	01.93	112774#	14	100					
560 SEC 5.6		01.86-	01.91	111149	14	80	01.86-	01.89	110869	12	1.5
560 SEL 5.6		01.86-	01.91	111149	14	80	01.86-	01.89	110869	12	1.5
560 SL 5.6		01.86-	01.89	111149	14	80	01.86-	01.89	110869	12	1.5
600 SEC 6.0		01.93-	01.93	112194	14	120					
600 SEL 6.0		01.92-	01.93	112194	14	120					
600 SL 6.0		01.93-	01.93	112194	14	120					
C 220 2.2		01.94-	01.96	111369	14	90					
		01.94-	01.96	112529	14	90					
C 230 2.3	[111.974]	01.98-	01.98	111369	14	90	01.98-	01.98	111347	12	1.2
		01.98-	01.98	112529	14	90					
		01.98-	01.98	112530	14	120					
		01.97-	01.97	112530	14	120	01.97-	01.97	111347	12	1.2
		01.97-	01.97	111369	14	90					
		01.97-	01.97	112529	14	90					
C 230 2.3 Super	[111.975]	01.99-	01.00	111369	14	90	01.99-	01.00	111347	12	1.2

## STARTERS &amp; ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

**MERCEDES-BENZ** Continued

C 240 2.6	[112.912]					01.02- 01.02	113282	12	1.4
C 280 2.8	[112.920]	01.99- 01.00	111902	14	115				
		01.98- 01.98	111902	14	115	01.94- 01.97	112315		
		01.94- 01.97	111369	14	90				
		01.94- 01.97	112529	14	90				
C 32 AMG 3.2 Super						01.02- 01.03	113282	12	1.4
C 320 3.2	[112.946]					01.02- 01.03	113282	12	1.4
						01.01- 01.01	113282	12	1.4
C 320 3.2 4 Matic	[112.946]					01.03- 01.03	113282	12	1.4
C 36 AMG 3.6		01.95- 01.97	111369	14	90	01.95- 01.97	112315		
		01.95- 01.97	112529	14	90				
		01.95- 01.97	112530	14	120				
CL 500 5.0		01.98- 01.98	111850	14	143				
CL 600 6.0		01.98- 01.99	111850	14	143				
CLK 320 3.2	[112.940]	01.98- 01.02	111902	14	115	01.02- 01.02	113282	12	1.4
E 300 D 3.0		01.95- 01.97	112529	14	90	01.95- 01.97	112226		
		01.95- 01.97	111354	14	70	01.95- 01.97	113133		
		01.95- 01.97	111369	14	90				
E 300 D 3.0 Turbo	[606.962]	01.99- 01.99	111979			01.99- 01.99	112226		
		01.98- 01.98	111979			01.98- 01.98	112226		
						01.98- 01.98	113133		
E 320 3.2	[112.941]	01.99- 01.01	111902	14	115	01.02- 01.02	113282	12	1.4
		01.98- 01.98	111902	14	115	01.94- 01.97	112315		
		01.94- 01.97	111369	14	90				
		01.94- 01.97	112529	14	90				
E 320 3.2 4 Matic	[112.941]	01.99- 01.01	111902	14	115	01.02- 01.02	113282	12	1.4
		01.98- 01.98	111902	14	115				
E 420 4.2		01.94- 01.97	112194	14	120				
E 500 5.0		01.94- 01.94	112194	14	120				
G 500 5.0		01.02- 01.02	111902	14	115				
G-CLASS 5.4 4x4	(W463)	08.06-	114737	14	180				
ML 320 3.2	[112.942]	01.99- 01.01	111902	14	115	01.02- 01.02	113282	12	1.4
		01.98- 01.98	111902	14	115				
S 320 3.2	[104.994]	01.99- 01.99	112530	14	120				
		01.98- 01.98	112530	14	120	01.94- 01.97	112315		
		01.94- 01.97	112194	14	120				
S 350 3.4 TD		01.94- 01.95	112774#	14	100	01.94- 01.95	112226		
S 420 4.2	[119.981]	01.99- 01.99	111850	14	143				
		01.94- 01.98	111850	14	143				
		01.94- 01.97	112194	14	120				
S 500 5.0	[119.980]	01.99- 01.99	111850	14	143				
		01.94- 01.97	112194	14	120				
		01.98- 01.98	111850	14	143				
S 600 6.0		01.94- 01.99	112194	14	120				
SL 320 3.2		01.94- 01.97	112194	14	120	01.94- 01.97	112315		
SL 500 5.0		01.98- 01.98	111850	14	143				
		01.94- 01.97	112194	14	120				
SL 600 6.0	[120.983]	01.99- 01.02	111850	14	143				
		01.98- 01.98	111850	14	143				
		01.94- 01.97	112194	14	120				
SLK 230 2.3 Super	[111.973]					01.99- 01.00	111347	12	1.2
						01.98- 01.98	111347	12	1.2
SLK 320 3.2						01.01- 01.03	113282	12	1.4
<b>PASSENGER CARS AO</b>									
300 T 3.0 TD	(124)	04.85- 06.93	111093	14	70				
		12.84- 06.93	110923	14	55				
CLK 320 3.0 CDI	(209)[OM642.910]	03.05-	114042	14	180				
CLK 500 5.5	(209)[M273.965]					RHD 06.06-	114178	12	1.4
Viano 2.2 CDI	(W639)	08.05-	114102	14	180				
<b>TRUCKS EU</b>									
204 11.9	(Actros MP2 / MP3)	06.08-	113351	28	100				
		06.08-	115497	28	100 A49				
608 3.8	(LP)[OM314.910]	10.69- 10.77	111141	14	55	02.73- 10.77	110524	24	4.0
						RHD 09.73- 10.77	110525	12	3.0
						11.67- 01.73	110512	24	5.4
						09.73- 10.77	110525	12	3.0
	[OM314.944]	10.69- 10.77	111141	14	55	RHD 09.73- 10.77	110525	12	3.0
						10.69- 01.73	110512	24	5.4
						02.73- 10.77	110524	24	4.0
709 3.8	(LP)[OM314.910]	02.66- 07.77	110895	28	55	RHD 11.77- 12.84	110525	12	3.0
		02.66- 07.77	110906	28	30	11.77- 12.84	110524	24	4.0
		02.66- 12.84	111141	14	55				
		02.66- 07.77	113920	28	35				
	[OM314.944]	02.66- 07.77	110727			RHD 11.77- 12.84	110525	12	3.0
		02.66- 12.84	111141	14	55	11.77- 12.84	110524	24	4.0
709 4.0	(LK/LN2)[OM364.907]	03.84- 10.90	110113	28	27	03.84- 02.93	113979	24	4.0
		03.84- 02.93	111628			03.84- 02.93	110524	24	4.0
		11.86- 02.93	110895	28	55				
		11.86- 02.91	110906	28	30				
		10.88- 02.93	112159	28	80				
		03.91- 02.93	113920	28	35				
	[OM364.918]	03.84- 10.90	110113	28	27	02.92-	110524	24	4.0
		11.86- 10.90	110895	28	55	02.92- 11.10	113979	24	4.0
		11.86- 02.91	110906	28	30				
		10.88- 10.90	112159	28	80				
		03.91- 12.98	113920	28	35				
		02.92- 12.99	111628						



711 4.0	(LK/LN2)[OM354.900]	03.94- 03.94- 03.94- 12.98	110895 112159 113920	28 55 28 80 28 35	04.86-	110524	24 4.0
711 4.3	(LK/LN2)[OM904.905]	03.96-	112561	28 80	03.96- 03.96- 12.98 03.96- 12.98	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
712 4.3	(Atego)[OM904.909]	01.98- 01.01 01.98- 01.01	112561 113448	28 80 28 100	01.98- 01.01 01.98- 10.04 01.98- 10.04	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
	(Atego 2)[OM900.911]	10.04- 10.04-	113351 115497	28 100 28 100 A49	10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
	[OM900.917]	10.04- 10.04-	113351 115497	28 100 28 100 A49	10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
	[OM904.909]	10.04-	115497	28 100 A49	10.04-	114523 115514	24 4.0 24 4.0 A49
	[OM904.915]	10.04- 10.04-	113351 115497	28 100 28 100 A49	10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
	[OM904.915]	10.04- 10.04-	113351 115497	28 100 28 100 A49	10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
	[OM904.915]	10.04- 10.04-	113351 115497	28 100 28 100 A49	10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
	[OM904.915]	10.04- 10.04-	113351 115497	28 100 28 100 A49	10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
713 4.3	(Atego 2)[OM900.911]	10.04- 10.04-	113351 115497	28 100 28 100 A49	10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
	[OM900.917]	10.04- 10.04-	113351 115497	28 100 28 100 A49	10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
	[OM904.909]	10.04-	115497	28 100 A49	10.04- 10.04-	114523 115514	24 4.0 24 4.0 A49
	[OM904.915]	10.04- 10.04-	113351 115497	28 100 28 100 A49	10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
	[OM904.915]	10.04- 10.04-	113351 115497	28 100 28 100 A49	10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
714 4.2	(Atego)[OM904.910]	01.98-	113448	28 100	01.98- 10.04 01.98- 01.98- 10.04	114523 111982 115514	24 4.0 24 4.0 24 4.0 A49
	[OM904.916]	09.02- 09.02- 01.98- 01.98- 10.04	113278 113351 113448 115497	28 100 28 100 28 100 28 100 A49	09.00- 01.98- 10.04 01.98- 10.04	111982 115514 114523	24 4.0 24 4.0 A49 24 4.0
	[OM904.916]	09.02- 09.02- 01.98- 01.98- 10.04	113278 113351 113448 115497	28 100 28 100 28 100 28 100 A49	09.00- 01.98- 10.04 01.98- 10.04	111982 115514 114523	24 4.0 24 4.0 A49 24 4.0
715 4.3	(Atego)[OM904.922]	01.98- 01.01 01.98- 01.01	112561 113448	28 80 28 100	01.98- 01.01 01.98- 10.04 01.98- 10.04	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
	(Atego 2)[OM900.912]	10.04- 10.04-	113351 115497	28 100 28 100 A49	10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
	[OM900.918]	10.04- 10.04-	113351 115497	28 100 28 100 A49	10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
	[OM904.922]	10.04-	115497	28 100 A49	10.04- 10.04-	114523 115514	24 4.0 24 4.0 A49
	[OM904.922]	10.04- 10.04-	115497 115497	28 100 A49 28 100 A49	10.04- 10.04-	114523 115514	24 4.0 24 4.0 A49
716 4.3	(Atego 2)[OM900.912]	10.04- 10.04-	113351 115497	28 100 28 100 A49	10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
	[OM900.918]	10.04- 10.04-	113351 115497	28 100 28 100 A49	10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
	[OM904.922]	10.04-	115497	28 100 A49	10.04- 10.04-	114523 115514	24 4.0 24 4.0 A49
	[OM904.922]	10.04- 10.04-	115497 115497	28 100 A49 28 100 A49	10.04- 10.04-	114523 115514	24 4.0 24 4.0 A49
717 4.2	(Atego)[OM904.911]	01.98- 01.98- 01.98- 01.98- 10.04	112561 113278 113448 115497	28 80 28 100 28 100 28 100 A49	01.98- 01.98- 10.04 01.98- 10.04	111982 115514 114523	24 4.0 24 4.0 A49 24 4.0
	[OM904.917]	01.98- 01.98- 01.98- 01.98- 10.04	113278 113351 113448 115497	28 100 28 100 28 100 28 100 A49	09.00- 01.98- 10.04 01.98- 10.04	111982 115514 114523	24 4.0 24 4.0 A49 24 4.0
	[OM904.917]	01.98- 01.98- 01.98- 01.98- 10.04	113278 113351 113448 115497	28 100 28 100 28 100 28 100 A49	09.00- 01.98- 10.04 01.98- 10.04	111982 115514 114523	24 4.0 24 4.0 A49 24 4.0
	[OM904.917]	01.98- 01.98- 01.98- 01.98- 10.04	113278 113351 113448 115497	28 100 28 100 28 100 28 100 A49	09.00- 01.98- 10.04 01.98- 10.04	111982 115514 114523	24 4.0 24 4.0 A49 24 4.0
	[OM904.917]	01.98- 01.98- 01.98- 01.98- 10.04	113278 113351 113448 115497	28 100 28 100 28 100 28 100 A49	09.00- 01.98- 10.04 01.98- 10.04	111982 115514 114523	24 4.0 24 4.0 A49 24 4.0
808 3.8	(LP)[OM314.910]	10.69- 12.84	111141	14 55	10.69- 01.73 RHD 09.73- 12.84 02.73- 12.84	110512 110525 110524	24 5.4 12 3.0 24 4.0
	[OM314.944]	10.69- 12.84	111141	14 55	RHD 09.73- 12.84 10.69- 01.73 02.73- 12.84	110525 110512 110524	12 3.0 24 5.4 24 4.0
	[OM314.964]	11.77- 12.84	111141	14 55	09.63- 12.84 09.63- 12.84	110525 110524	12 3.0 24 4.0
	[OM314.965]	11.77- 12.84	111141	14 55	09.63- 12.84 09.63- 12.84	110525 110524	12 3.0 24 4.0
	[OM314.965]	11.77- 12.84	111141	14 55	09.63- 12.84 09.63- 12.84	110525 110524	12 3.0 24 4.0
809 3.8	(LP)[OM314.910]	10.69- 12.84	111141	14 55	RHD 09.73- 12.84 10.69- 01.73 02.73- 12.84	110525 110512 110524	12 3.0 24 5.4 24 4.0
	[OM314.944]	10.69- 12.84	111141	14 55	RHD 11.77- 12.84 02.73- 12.84	110525 110524	12 3.0 24 4.0
	[OM314.964]	11.77- 12.84	111141	14 55	09.63- 12.84 09.63- 12.84	110525 110524	12 3.0 24 4.0
	[OM314.965]	11.77- 12.84	111141	14 55	09.63- 12.84 09.63- 12.84	110524 110525	24 4.0 12 3.0
	[OM314.965]	11.77- 12.84	111141	14 55	09.63- 12.84 09.63- 12.84	110524 110525	24 4.0 12 3.0

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Application list

809 4.0	(LK/LN2)[OM364.907]	03.84- 10.86	110113	28 27	03.84- 02.93	113979	24 4.0	
		11.86- 02.93	110895	28 55	03.84- 02.93	110524	24 4.0	
		11.86- 02.91	110906	28 30				
		10.88- 02.93	112159	28 80				
		03.91- 02.93	113920	28 35				
	[OM364.918]	03.84- 10.86	110113	28 27	02.92-	110524	24 4.0	
		11.86- 02.91	110906	28 30	02.92- 12.98	113979	24 4.0	
		12.86-	110895	28 55				
		10.88-	112159	28 80				
		03.91- 12.98	113920	28 35				
811 4.0	(LK/LN2)[OM354.900]	03.94-	110895	28 55	03.94- 12.98	110524	24 4.0	
		03.94- 12.99	111628					
		03.94-	112159	28 80				
		03.94- 12.98	113920	28 35				
		[OM904.905]	03.94-	110895	28 55	03.94-	110524	24 4.0
811 4.2	(LK/LN2)[OM904.905]	03.94-	112159	28 80				
		03.94- 12.98	113920	28 35				
		03.96- 12.99	112561	28 80	03.96-	111982	24 4.0	
					03.96- 12.99	114523	24 4.0	
					03.96- 12.98	115514	24 4.0 A49	
812 4.2	(Atego 2)[OM904.909]				10.04-	114523	24 4.0	
					10.04-	115514	24 4.0 A49	
812 4.3	(Atego)[OM904.909]	01.98- 01.01	112561	28 80	01.98- 01.01	111982	24 4.0	
		01.98- 01.01	113448	28 100	01.98- 10.04	114523	24 4.0	
	(Atego 2)[OM900.909]	10.04-	115497	28 100 A49	01.98- 10.04	115514	24 4.0 A49	
					10.04-	114523	24 4.0	
	[OM900.911]	10.04-	113351	28 100	10.04-	115514	24 4.0 A49	
		10.04-	115497	28 100 A49	10.04-	111982	24 4.0	
	[OM900.917]	10.04-	113351	28 100	10.04-	114523	24 4.0	
		10.04-	115497	28 100 A49	10.04-	115514	24 4.0 A49	
	813 4.3	(Atego 2)[OM900.909]	10.04-	115497	28 100 A49	10.04-	111982	24 4.0
						10.04-	114523	24 4.0
[OM900.911]		10.04-	113351	28 100	10.04-	115514	24 4.0 A49	
				10.04-	111982	24 4.0		
				10.04-	114523	24 4.0		
813 5.7	(LP)[OM353.904]	10.69-	110727		10.04-	115514	24 4.0 A49	
		08.79- 03.81	110751	14 35	10.04-	111982	24 4.0	
	08.79- 12.84	111141	14 55	10.04-	114523	24 4.0		
	[OM353.941]	10.69-	111141	14 55	10.04-	115514	24 4.0 A49	
	[OM353.965]	08.79- 03.81	110751	14 35	10.69-	110525	12 3.0	
814 4.0	(LK/LN2)[OM354.920]	08.79- 12.84	111141	14 55	10.69- 12.84	110525	12 3.0	
		Eng. 538581- 10.69-	111141	14 55				
		[OM353.981]	03.73- 12.84	111141	14 55	09.63- 12.84	110525	12 3.0
			08.79- 03.81	110751	14 35			
814 4.2	(LK/LN2)[OM354.920]	03.94-	110895	28 55	03.94-	110524	24 4.0	
		03.94- 12.99	111628					
		03.94-	112159	28 80				
		03.94- 12.98	113920	28 35				
		[OM354.921]	03.94-	110895	28 55	03.94-	110524	24 4.0
	[OM354.922]	03.94- 12.99	111628					
		03.94-	112159	28 80				
		03.94-	110895	28 55	03.94-	110524	24 4.0	
		03.94- 12.99	111628					
		03.94-	112159	28 80				
814 4.2	(Atego)[OM904.910]				01.98-	111982	24 4.0	
					01.98- 10.04	114523	24 4.0	
					01.98- 10.04	115514	24 4.0 A49	
		[OM904.916]	01.98- 10.04	115497	28 100 A49	01.98-	111982	24 4.0
					01.98- 10.04	114523	24 4.0	
(LK/LN2)[OM904.906]	03.96-	112561	28 80	01.98- 10.04	115514	24 4.0 A49		
				03.96-	111982	24 4.0		
				03.96- 12.98	114523	24 4.0		
				03.96- 12.99	115514	24 4.0 A49		
814 6.0	(LK/LN2)[OM356.901]	03.84- 10.86	110113	28 27	03.84- 12.93	110524	24 4.0	
		11.86- 02.93	110895	28 55	02.92- 11.10	113979	24 4.0	
		11.86- 02.91	110906	28 30				
		10.88- 02.93	112159	28 80				
		02.92- 12.99	111628					
	[OM356.902]	02.92-	111842	28 140				
		02.92- 12.98	113920	28 35				
		03.84- 10.86	110113	28 27	03.84- 02.93	110524	24 4.0	
		11.86- 02.91	110906	28 30	02.92- 12.98	113979	24 4.0	
		12.86- 02.93	110895	28 55				
	[OM356.905]	10.88- 02.93	112159	28 80				
		02.92- 12.99	111628					
		02.92- 12.98	113920	28 35				
		[OM356.906]	02.92-	110895	28 55	02.92-	110524	24 4.0
			10.88-	112159	28 80	12.86-	110524	24 4.0
[OM356.911]	06.91-	110895	28 55					
	02.92- 12.99	111628		05.86- 09.93	110524	24 4.0		
	02.92- 12.98	113920	28 35					

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	[OM366.905]	03.84- 10.86 11.86- 02.91 11.86- 02.93 12.86- 02.93 10.88- 02.93	110113 110906 113920 110895 112159	28 27 28 30 28 35 28 55 28 80		03.84- 02.93 03.84- 02.93	110524 113979	24 4.0 24 4.0
	[OM366.906]	03.84- 10.86 11.86- 02.91 12.86- 02.93 10.88- 02.93 03.91- 02.93 02.92- 12.99	110113 110906 110895 112159 113920 111628	28 27 28 30 28 55 28 80 28 35		03.84- 02.93 03.84- 11.10	110524 113979	24 4.0 24 4.0
	[OM366.907]	03.84- 10.86 11.86- 02.91 12.86- 02.93 10.88- 02.93 03.91- 02.93	110113 110906 110895 112159 113920	28 27 28 30 28 55 28 80 28 35		03.84- 02.93 03.84- 12.98	110524 113979	24 4.0 24 4.0
	[OM366.910]	03.84- 10.86 03.84- 02.93 03.84- 02.93 03.84- 12.98 06.84- 02.93 11.86- 02.91	110113 110895 112159 113920 111628 110906	28 27 28 55 28 80 28 35		03.84- 12.98 03.84- 02.93	113979 110524	24 4.0 24 4.0
	[OM366.932]	01.86- 02.93 10.88- 06.91-	111628 112159 110895	28 80 28 55		12.86-	110524	24 4.0
815 4.3	(Atego)[OM900.912]	01.98- 10.04	115497	28 100 A49		01.98- 10.04	115514	24 4.0 A49
	[OM904.922]	01.98- 01.01 01.98- 01.01 01.98- 10.04	112561 113448 115497	28 80 28 100 28 100 A49		01.98- 01.01 01.98- 10.04 01.98- 10.04	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
	[OM906.922]	01.98-	113448	28 100		01.98- 01.98- 10.04 01.98- 10.04	111982 114523 115514	24 4.0 BO 24 4.0 24 4.0 A49
	(Atego 2)[OM900.912]	10.04- 10.04-	113351 115497	28 100 28 100 A49		10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
	[OM900.918]	10.04- 10.04-	113351 115497	28 100 28 100 A49		10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
	[OM904.922]	10.04-	115497	28 100 A49		10.04-	114523 115514	24 4.0 24 4.0 A49
816 4.3	(Atego 2)[OM900.912]	10.04- 10.04-	113351 115497	28 100 28 100 A49		10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
	[OM900.918]	10.04- 10.04-	113351 115497	28 100 28 100 A49		10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
	[OM904.922]	10.04-	115497	28 100 A49		10.04-	114523 115514	24 4.0 24 4.0 A49
817 4.2	(LK/LN2)[OM904.907]	03.96-	112561	28 80		03.96- 03.96- 03.96- 12.99	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
817 4.3	(Atego)[OM904.911]	01.98- 01.01 01.98- 01.01	112561 113448	28 80 28 100		01.98- 01.01 01.98- 10.04 01.98- 10.04	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
	[OM904.917]					01.98- 10.04	115514	24 4.0 A49
817 6.0	(LK/LN2)[OM356.948]	06.91- 06.91-	110895 112159	28 55 28 80		02.92-	110524	24 4.0
	[OM356.951]	03.84- 10.86 11.86- 02.91 12.86- 12.98 10.88- 12.98	110113 110906 110895 112159	28 27 28 30 28 55 28 80		12.92- 12.98 03.84-	113979 110524	24 4.0 24 4.0
	[OM357.900]	06.91- 06.91- 03.94- 12.98	110895 112159 113920	28 55 28 80 28 35		01.86- 09.93	110524	24 4.0
	[OM357.908]	03.84- 10.86 11.86- 02.91 12.86- 10.88-	110113 110906 110895 112159	28 27 28 30 28 55 28 80		03.94- 12.98 03.84-	113979 110524	24 4.0 24 4.0
	[OM357.916]	06.91- 06.91- 03.94- 12.98	110895 112159 113920	28 55 28 80 28 35		03.94-	110524	24 4.0
	[OM357.917]	06.91- 06.91- 03.94- 12.98	110895 112159 113920	28 55 28 80 28 35		02.92-	110524	24 4.0
	[OM366.942]	06.91- 06.91- 02.92- 12.98	110895 112159 113920	28 55 28 80 28 35		01.86- 09.93	110524	24 4.0
	[OM366.943]	06.91- 06.91- 02.92- 12.98	110895 112159 113920	28 55 28 80 28 35		01.86- 09.93	110524	24 4.0
	[OM366.967]	03.84- 02.93 01.86- 02.93 11.86- 12.91 12.86- 02.93 10.88- 02.93	113920 111628 110906 110895 112159	28 35 28 35 28 30 28 55 28 80		03.84- 02.93 03.84- 09.93	113979 110524	24 4.0 24 4.0
	[OM366.968]	01.86- 02.93 01.86- 02.93 10.88- 05.91 06.91-	111628 113920 112159 110895	28 35 28 35 28 80 28 55		01.86-	110524	24 4.0

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Application list

	[OM366.969]	06.86- 02.93 10.88- 05.91 06.91-	111628 112159 110895	28 80 28 55		06.86- 02.93	110524	24 4.0
	[OM366.973]	03.84- 10.86 11.86- 02.91 12.86- 10.88- 03.91- 02.93	110113 110906 110895 112159 113920	28 27 28 30 28 55 28 80 28 35		03.84- 02.93 03.84-	113979 110524	24 4.0 24 4.0
818 4.2	(Atego 2)[OM900.913]	02.06-	115497	28 100 A49		10.04- 02.06-	114523 115514	24 4.0 24 4.0 A49
	[OM900.919]	10.04-	115497	28 100 A49		10.04- 10.04-	114523 115514	24 4.0 24 4.0 A49
818 4.3	(Atego 2)[OM900.913]	10.04- 10.04-	113351 115497	28 100 28 100 A49		10.04- 10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
	[OM900.919]	10.04- 10.04-	113351 115497	28 100 28 100 A49		10.04- 10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
822 4.8	(Atego 2)[OM924.920]	10.04- 10.04- 10.04-	113351 113448 115497	28 100 28 100 28 100 A49		10.04- 10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
	[OM924.922]	10.04- 10.04-	113351 115497	28 100 28 100 A49		06.06- 10.04- 10.04-	111982 115514 114523	24 4.0 24 4.0 24 4.0 A49
	[OM924.930]	10.04-	115497	28 100 A49		10.04-	115514	24 4.0 A49
823 6.4	(Atego)[OM902.916]	01.98- 01.98-	113351 115497	28 100 28 100 A49		01.98- 01.98- 01.98-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
	[OM906.910]	01.98- 01.01 01.98- 01.01 01.98-	112561 113448 115497	28 80 28 100 28 100 A49		01.98- 10.04 01.98- 10.04 01.98- 01.01	114523 115514 111982	24 4.0 24 4.0 A49 24 4.0 BO
	[OM906.915]	01.98-	113351	28 100		01.98- 10.04 01.98- 01.98-	115514 111982 114523	24 4.0 A49 24 4.0 24 4.0
824 6.4	(Atego)[OM902.916]	01.98- 01.98-	113351 115497	28 100 28 100 A49		01.98- 01.98- 01.98-	115514 114523 111982	24 4.0 A49 24 4.0 24 4.0
	[OM906.910]	01.98- 01.98-	113351 115497	28 100 28 100 A49		01.98- 01.98- 01.98-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
	[OM906.915]	01.98-	113351	28 100		01.98- 01.98- 01.98-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
824 7.2	(Atego 2)[OM925.920]	10.04- 10.10-	113351 115497	28 100 28 100 A49				
911 5.7	(LP)[OM352.907]	01.70- 03.77	111141	14 55		09.73- 03.77 01.67- 12.69 01.67- 03.77	110525 110512 110601	12 3.0 24 5.4 24 5.4
	[OM352.986]	01.70- 03.77	111141	14 55		01.67- 12.69 09.73- 03.77 01.67- 03.77	110512 110525 110601	24 5.4 12 3.0 24 5.4
	[OM353.909]	01.70- 03.77	111141	14 55		09.73- 03.77 01.67- 12.69	110525 110512	12 3.0 24 5.4
913 5.7	(LP)[OM353.904]	08.79- 03.81 08.79- 12.84	110751 111141	14 35 14 55		09.73- 12.84	110525	12 3.0
	[OM353.965]	08.79- 03.81 08.79- 12.84	110751 111141	14 35 14 55		09.73- 12.84	110525	12 3.0
	[OM353.981]	08.79- 03.81 08.79- 12.84	110751 111141	14 35 14 55		09.63- 12.84	110525	12 3.0
	[OM353.982]	08.79- 03.81 08.79- 12.84	110751 111141	14 35 14 55		09.73- 12.84	110525	12 3.0
914 6.0	(LK/LN2)[OM356.901]	03.84- 10.86 11.86- 02.91 12.86- 10.88- 02.92- 12.99 02.92- 12.98	110113 110906 110895 112159 111628 113920	28 27 28 30 28 55 28 80 28 35 28 35		03.84- 12.98 03.84-	113979 110524	24 4.0 24 4.0
	[OM356.903]	02.92- 02.92- 12.99 02.92- 12.98	110895 111628 113920	28 55 28 35 28 35		02.92- 02.92- 12.98	110524 113979	24 4.0 24 4.0
	[OM356.911]	01.94- 12.98	113920	28 35		01.94- 01.94- 12.98	110524 113979	24 4.0 24 4.0
	[OM366.905]	03.84- 10.86 11.86- 02.91 12.86- 01.87- 02.93 10.88-	110113 110906 110895 113920 112159	28 27 28 30 28 55 28 35 28 80		03.84- 02.93 03.84- 02.93	113979 110524	24 4.0 24 4.0
	[OM366.907]	03.84- 10.86 03.84- 11.86- 02.91 12.86- 03.91- 02.93	110113 112159 110906 110895 113920	28 27 28 80 28 30 28 55 28 35		03.84- 02.93 03.84-	113979 110524	24 4.0 24 4.0
	[OM366.918]	02.87- 02.93 02.87- 02.93	111628 113920	28 35 28 35		02.87- 02.93 02.87- 02.93	110524 113979	24 4.0 24 4.0
	[OM366.930]	03.84- 10.86 07.86- 12.98 11.86- 02.91 12.86- 10.88-	110113 113920 110906 110895 112159	28 27 28 35 28 30 28 55 28 80		03.84- 12.98 03.84-	113979 110524	24 4.0 24 4.0

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	[OM366.940]	01.87- 02.93	113920	28 35		01.87- 02.93	110524	24 4.0
						01.87- 02.93	113979	24 4.0
	[OM366.944]	02.87- 02.93	113920	28 35		02.87- 02.93	110524	24 4.0
						02.87- 02.93	113979	24 4.0
	[OM366.945]	02.92-	110895	28 55		02.87- 02.93	110524	24 4.0
		02.92- 12.98	113920	28 35		02.87- 02.93	113979	24 4.0
915 4.3	(Atego 2)[OM900.912]	10.04-	113351	28 100		10.04-	111982	24 4.0
		10.04-	115497	28 100 A49		10.04-	114523	24 4.0
						10.04-	115514	24 4.0 A49
	[OM900.918]	10.04-	113351	28 100		10.04-	111982	24 4.0
		10.04-	115497	28 100 A49		10.04-	114523	24 4.0
						10.04-	115514	24 4.0 A49
	[OM904.922]	10.04-	113351	28 100		10.04-	111982	24 4.0
		10.04-	115497	28 100 A49		10.04-	114523	24 4.0
						10.04-	115514	24 4.0 A49
916 4.2	(Atego 2)[OM900.912]	02.06-	115497	28 100 A49		10.04-	114523	24 4.0
						02.06-	115514	24 4.0 A49
	[OM900.918]	10.04-	115497	28 100 A49		10.04-	114523	24 4.0
						10.04-	115514	24 4.0 A49
916 4.3	(Atego 2)[OM900.912]	10.04-	113351	28 100		10.04-	111982	24 4.0
		10.04-	115497	28 100 A49		10.04-	114523	24 4.0
						10.04-	115514	24 4.0 A49
	[OM900.918]	10.04-	113351	28 100		10.04-	111982	24 4.0
		10.04-	115497	28 100 A49		10.04-	114523	24 4.0
						10.04-	115514	24 4.0 A49
	[OM904.922]	10.04-	113351	28 100		10.04-	111982	24 4.0
		10.04-	115497	28 100 A49		10.04-	114523	24 4.0
						10.04-	115514	24 4.0 A49
917 4.2	(Atego)[OM904.911]	01.98-	113278			01.98- 10.04	114523	24 4.0
		01.98-	113351	28 100		01.98- 10.04	115514	24 4.0 A49
		01.98-	113448	28 100		01.98-	111982	24 4.0
		01.98- 10.04	115497	28 100 A49				
	(LK/LN2)[OM904.907]	03.96-	112561	28 80		03.96-	114523	24 4.0
		03.96-	113278			03.96-	111982	24 4.0
						03.96- 12.99	115514	24 4.0 A49
917 4.3	(Atego)[OM904.911]	01.98- 01.01	112561	28 80		01.98- 01.01	111982	24 4.0
		01.98- 01.01	113448	28 100		01.98- 10.04	114523	24 4.0
						01.98- 10.04	115514	24 4.0 A49
	[OM904.917]					01.98- 10.04	115514	24 4.0 A49
	[OM904.949]					01.98- 10.04	115514	24 4.0 A49
917 6.0	(LK/LN2)[OM356.941]	12.92-	110895	28 55		12.92-	110524	24 4.0
		12.92-	112159	28 80		12.92- 12.98	113979	24 4.0
	[OM357.900]	03.94- 12.98	110895	28 55		03.94- 12.98	110524	24 4.0
		03.94- 12.98	112159	28 80		03.94- 12.98	113979	24 4.0
		03.94- 12.98	113920	28 35				
	[OM357.901]	03.94-	110895	28 55		03.94-	110524	24 4.0
		03.94-	112159	28 80		03.94- 12.98	113979	24 4.0
		03.94- 12.98	113920	28 35				
	[OM357.906]	03.94-	110895	28 55		03.94-	110524	24 4.0
		03.94-	112159	28 80		03.94- 11.10	113979	24 4.0
		03.94- 12.98	113920	28 35				
	[OM357.909]	02.87-	110895	28 55		12.92-	110524	24 4.0
		12.92-	112159	28 80		03.94- 11.10	113979	24 4.0
	[OM357.910]	02.87-	110895	28 55		12.92-	110524	24 4.0
		12.92-	112159	28 80		12.92- 12.98	113979	24 4.0
	[OM357.918]	03.94-	110895	28 55		03.94-	110524	24 4.0
		03.94-	112159	28 80		03.94- 12.98	113979	24 4.0
		03.94- 12.98	113920	28 35				
	[OM366.966]	02.87-	110895	28 55		02.87- 02.93	110524	24 4.0
		02.87- 02.93	113920	28 35		02.87- 02.93	113979	24 4.0
	[OM366.974]	02.87-	110895	28 55		02.87- 02.93	110524	24 4.0
		02.87- 02.93	113920	28 35		02.87- 02.93	113979	24 4.0
	[OM366.978]	02.87-	110895	28 55		02.87- 02.93	110524	24 4.0
		02.87- 02.93	113920	28 35		02.87- 02.93	113979	24 4.0
918 4.2	(Atego 2)[OM900.913]	10.04-	113351	28 100		02.06-	111982	24 4.0
		10.04-	115497	28 100 A49		10.04-	115514	24 4.0 A49
						10.04-	114523	24 4.0
	[OM900.919]	10.04-	115497	28 100 A49		10.04-	114523	24 4.0
						10.04-	115514	24 4.0 A49
918 4.3	(Atego 2)[OM900.913]	10.04-	115497	28 100 A49		10.04-	115514	24 4.0 A49
	[OM900.919]	10.04-	113351	28 100		10.04-	111982	24 4.0
		10.04-	115497	28 100 A49		10.04-	114523	24 4.0
						10.04-	115514	24 4.0 A49
922 4.8	(Atego 2)[OM924.920]	10.04-	113351	28 100		10.04-	115514	24 4.0 A49
		10.04-	115497	28 100 A49		10.04-	114523	24 4.0
						10.04-	111982	24 4.0
	[OM924.922]	10.04-	113351	28 100		06.06-	111982	24 4.0
		10.04-	115497	28 100 A49		10.04-	115514	24 4.0 A49
						10.04-	114523	24 4.0
	[OM924.930]	10.04-	115497	28 100 A49		10.04-	115514	24 4.0 A49
923 6.4	(Atego)[OM906.910]	01.98- 01.01	112561	28 80		01.98- 01.01	111982	24 4.0
		01.98- 01.01	113448	28 100		01.98- 10.04	114523	24 4.0
						01.98- 10.04	115514	24 4.0 A49
	[OM906.915]					01.98- 10.04	115514	24 4.0 A49
	(Atego 2)[OM902.916]	10.04-	113351	28 100		10.04-	111982	24 4.0
		10.04-	115497	28 100 A49		10.04-	114523	24 4.0
						10.04-	115514	24 4.0 A49

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Application list

	[OM906.910]	10.04-10.04-	113351 115497	28 28	100 100 A49	10.04-10.04-10.04-	111982 114523 115514	24 24 24	4.0 4.0 4.0 A49
	[OM906.915]	10.04-10.04-	113351 115497	28 28	100 100 A49	10.04-10.04-10.04-	111982 114523 115514	24 24 24	4.0 4.0 4.0 A49
924 6.4	(Atego 2)[OM902.916]	10.04-10.04-	113351 115497	28 28	100 100 A49	10.04-10.04-10.04-	115514 114523 111982	24 24 24	4.0 4.0 4.0 A49
	[OM906.910]	10.04-10.04-	113351 115497	28 28	100 100 A49	10.04-10.04-10.04-	111982 114523 115514	24 24 24	4.0 4.0 4.0 A49
	[OM906.915]	10.04-10.04-	113351 115497	28 28	100 100 A49	10.04-10.04-10.04-	111982 114523 115514	24 24 24	4.0 4.0 4.0 A49
925 6.4	(Atego)[OM906.919]					01.98-	111982	24	4.0
926 6.4	(Atego 2)[OM902.917]	10.04-02.06-	113351 115497	28 28	100 100 A49	02.06-10.04-02.06-	111982 114523 115514	24 24 24	4.0 4.0 4.0 A49
1013 5.7	(LP)[OM353.904]	08.79-03.81 08.79-12.84	110751 111141	14 14	35 55	11.76-12.84	110525	12	3.0
	[OM353.965]	08.79-03.81 08.79-12.84	110751 111141	14 14	35 55	11.76-12.84	110525	12	3.0
	[OM353.981]	08.79-03.81 08.79-12.84	110751 111141	14 14	35 55	11.76-12.84	110525	12	3.0
	[OM353.982]	08.79-03.81 08.79-12.84	110751 111141	14 14	35 55	11.76-12.84	110525	12	3.0
	(NG)[OM353.942]	07.79-12.86	111141	14	55	02.76-12.86	110525	12	3.0
	[OM353.943]	07.79-12.86	111141	14	55	02.76-12.86	110525	12	3.0
	[OM353.945]	08.79-12.84	111141	14	55	02.76-12.84	110525	12	3.0
	[OM353.946]	08.79-12.84	111141	14	55	02.76-12.84	110525	12	3.0
1016 4.2	(Atego 2)[OM900.912]	02.06-	115497	28	100 A49	10.04-02.06-	114523 115514	24 24	4.0 4.0 A49
	[OM900.918]	10.04-	115497	28	100 A49	10.04-10.04-	114523 115514	24 24	4.0 4.0 A49
	[OM904.922]	10.04-	115497	28	100 A49	10.04-	115514	24	4.0 A49
1016 4.3	(Atego 2)[OM900.912]	10.04-10.04-	113351 115497	28 28	100 100 A49	10.04-10.04-10.04-	111982 114523 115514	24 24 24	4.0 4.0 4.0 A49
	[OM900.918]	10.04-10.04-	113351 115497	28 28	100 100 A49	10.04-10.04-10.04-	111982 114523 115514	24 24 24	4.0 4.0 4.0 A49
1017 4.2	(Atego)[OM904.911]	01.98-01.98-01.98-01.98-01.98-10.04	112561 113278 113351 113448 115497	28 28 28 28 28	80 100 100 100 A49	01.98-10.04-01.98-10.04-01.98-	114523 115514 111982	24 24 24	4.0 4.0 A49 4.0
	[OM904.917]	01.98-10.04	115497	28	100 A49	01.98-10.04	115514	24	4.0 A49
1017 4.3	(Atego)[OM900.913]					01.98-10.04	114523	24	4.0
	[OM904.911]	01.98-01.01-01.98-01.01	112561 113448	28 28	80 100	01.98-01.01-01.98-10.04-01.98-10.04-01.98-10.04	111982 114523 115514	24 24 24	4.0 4.0 4.0 A49
	[OM904.917]	01.98-10.04-01.98-10.04-01.98-10.04-01.98-10.04	112561 113351 113448 115497	28 28 28 28	80 100 100 100 A49	01.98-10.04-01.98-10.04-01.98-10.04-01.98-10.04	115514 114523 111982	24 24 24	4.0 4.0 4.0 A49
1017 5.7	(NG)[OM353.950]	11.75-02.91-02.76-09.85-08.79-03.81	111141 110113 110751	14 28 14	55 27 35	11.75-02.91-11.75-02.91	110525 110524	12 24	3.0 4.0
	[OM353.952]	11.75-02.91-08.79-03.81	111141 110751	14 14	55 35	11.75-02.91-11.75-02.91	110524 110525	24 12	4.0 3.0
	[OM353.953]	11.75-02.91-08.79-03.81	111141 110751	14 14	55 35	11.75-02.91-11.75-02.91	110524 110525	24 12	4.0 3.0
	[OM353.954]	11.75-09.85-08.79-03.81	111141 110751	14 14	55 35	11.75-05.84-11.75-09.85	110525 110524	12 24	3.0 4.0
	[OM353.970]	02.76-12.84	111141	14	55	02.76-12.84	110525	12	3.0
	[OM353.971]	02.76-12.84	111141	14	55	02.76-12.84	110525	12	3.0
	[OM353.975]	11.75-02.91-08.79-03.81	111141 110751	14 14	55 35	11.75-02.91-11.75-02.91	110525 110524	12 24	3.0 4.0
1018 4.2	(Atego 2)[OM900.913]	10.04-02.06-	113351 115497	28 28	100 100 A49	02.06-10.04-02.06-	111982 114523 115514	24 24 24	4.0 4.0 4.0 A49
	[OM900.919]	10.04-	115497	28	100 A49	10.04-10.04-	114523 115514	24 24	4.0 4.0 A49
	[OM904.911]	02.06-	115497	28	100 A49	02.06-	115514	24	4.0 A49
1018 4.3	(Atego)[OM900.913]					01.98-10.04-01.98-10.04	114523 115514	24 24	4.0 4.0 A49
	[OM904.911]	01.98-10.04-01.98-10.04-01.98-10.04-01.98-10.04	112561 113351 113448 115497	28 28 28 28	80 100 100 100 A49	01.98-10.04-01.98-10.04-01.98-10.04-01.98-10.04	111982 115514 114523	24 24 24	4.0 4.0 A49 4.0
	[OM904.917]	01.98-10.04-01.98-10.04-01.98-10.04-01.98-10.04	112561 113351 113448 115497	28 28 28 28	80 100 100 100 A49	01.98-10.04-01.98-10.04-01.98-10.04-01.98-10.04	111982 115514 114523	24 24 24	4.0 4.0 A49 4.0
	(Atego 2)[OM900.913]	10.04-10.04-	113351 115497	28 28	100 100 A49	10.04-10.04-	111982 114523 115514	24 24 24	4.0 4.0 4.0 A49

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	[OM900.919]	10.04- 10.04-	113351 115497	28 100 28 100 A49		10.04- 10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
1022 4.8	(Atego 2)[OM924.920]	10.04- 10.04-	113351 115497	28 100 28 100 A49		10.04- 10.04- 10.04-	115514 114523 111982	24 4.0 24 4.0 24 4.0 A49
	[OM924.922]	10.04- 10.04-	113351 115497	28 100 28 100 A49		06.06- 10.04- 10.04-	111982 115514 114523	24 4.0 24 4.0 A49 24 4.0
	[OM924.930]	10.04-	115497	28 100 A49		10.04-	115514	24 4.0 A49
1023 6.4	(Atego)[OM906.910]	01.98- 10.04 01.98- 10.04 01.98- 10.04	112561 113448 115497	28 80 28 100 28 100 A49		01.98- 10.04 01.98- 10.04 01.98- 10.04	114523 111982 115514	24 4.0 24 4.0 24 4.0 A49
	[OM906.915]	01.98- 10.04 01.98- 10.04 01.98- 10.04 01.98- 10.04	112561 113351 113448 115497	28 80 28 100 28 100 28 100 A49		01.98- 10.04 01.98- 10.04 01.98- 10.04	114523 115514 111982	24 4.0 24 4.0 A49 24 4.0
	(Atego 2)[OM902.916]	10.04- 10.04-	113351 115497	28 100 28 100 A49		10.04- 10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
	[OM906.910]	10.04- 10.04-	113351 115497	28 100 28 100 A49		10.04- 10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
	[OM906.915]	10.04- 10.04-	113351 115497	28 100 28 100 A49		10.04- 10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
1024 6.4	(Atego 2)[OM902.916]	10.04- 10.04-	113351 115497	28 100 28 100 A49		10.04- 10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
	[OM906.910]	10.04- 10.04-	113351 115497	28 100 28 100 A49		10.04- 10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
	[OM906.915]	10.04- 10.04-	113351 115497	28 100 28 100 A49		10.04- 10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
1113 5.7	(LP)[OM353.904]	01.80- 12.84	111141	14 55		01.80- 12.84	110525	12 3.0
	[OM353.982]	01.80- 12.84	111141	14 55		01.80- 12.84	110525	12 3.0
1114 6.0	(LK/LN2)[OM356.903]	02.87- 02.87- 02.91 10.88- 02.92- 12.99	110895 110906 112159 113920	28 55 28 30 28 80 28 35		02.87- 02.92- 12.99	110524 113979	24 4.0 24 4.0
	[OM356.904]	03.84- 10.86 11.86- 02.91 12.86- 10.88- 02.92- 12.99	110113 110906 110895 112159 113920	28 27 28 30 28 55 28 80 28 35		03.84- 02.92- 12.99	110524 113979	24 4.0 24 4.0
	[OM356.907]	12.85- 10.88-	110895 112159	28 55 28 80		12.85- 02.92- 12.99	110524 113979	24 4.0 24 4.0
	[OM356.930]	03.84- 10.86 11.86- 02.91 12.86- 10.88- 03.91- 02.93	110113 110906 110895 112159 113920	28 27 28 30 28 55 28 80 28 35		03.84- 02.93	113979	24 4.0
	[OM366.907]	03.84- 10.86 08.84- 02.93 11.86- 02.91 12.86- 10.88-	110113 113920 110906 110895 112159	28 27 28 35 28 30 28 55 28 80		03.84- 03.84- 02.93	110524 113979	24 4.0 24 4.0
	[OM366.914]	03.84- 10.86 10.84- 02.93 11.86- 02.91 12.86- 10.88-	110113 113920 110906 110895 112159	28 27 28 35 28 30 28 55 28 80		03.84- 02.93 03.84-	113979 110524	24 4.0 24 4.0
	[OM366.918]	02.87- 02.87- 02.91 02.87- 02.93 10.88-	110895 110906 113920 112159	28 55 28 30 28 35 28 80		02.87- 02.87- 02.93	110524 113979	24 4.0 24 4.0
	[OM366.931]	07.86- 02.93	113920	28 35		02.87- 02.93 02.87- 02.93	110524 113979	24 4.0 24 4.0
	[OM366.933]	12.85- 10.88-	110895 112159	28 55 28 80		12.85- 12.85- 02.93	110524 113979	24 4.0 24 4.0
	[OM366.935]	07.86- 02.93 07.86- 02.93	110895 113920	28 55 28 35		02.87- 02.93 02.87- 02.93	110524 113979	24 4.0 24 4.0
1117 4.2	(LK/LN2)[OM356.947]	02.92- 12.99	113920	28 35		06.87- 02.92- 12.99	110524 113979	24 4.0 24 4.0
	[OM356.959]	06.87- 12.98	113920	28 35		06.87- 12.98 06.87- 12.98	110524 113979	24 4.0 24 4.0
	[OM357.906]	03.94- 12.99	113920	28 35		03.94- 03.94- 12.99	110524 113979	24 4.0 24 4.0
	[OM366.966]	06.87- 12.92	113920	28 35		06.87- 06.87- 12.92	110524 113979	24 4.0 24 4.0
	[OM366.975]	09.88- 02.93	113920	28 35		06.87- 12.98 09.88- 02.93	110524 113979	24 4.0 24 4.0
	[OM366.976]	09.88- 02.93	113920	28 35		06.87- 12.98 09.88- 02.93	110524 113979	24 4.0 24 4.0
	[OM904.907]	03.96- 03.96- 12.98	112561 113278	28 80		03.96- 03.96- 03.96- 12.99	114523 111982 115514	24 4.0 24 4.0 24 4.0 A49

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Application list

1117 6.0	(LK/LN2)[OM356.949]	06.90- 03.93-	110895 112159	28 55 28 80	03.84- 03.93- 12.99	110524 113979	24 4.0 24 4.0		
	[OM357.901]	03.84- 10.86 07.86- 12.99 11.86- 02.91 12.86- 10.88-	110113 113920 110906 110895 112159	28 27 28 35 28 30 28 55 28 80	07.86- 12.99 03.84-	113979 110524	24 4.0 24 4.0		
	[OM357.902]	03.94- 12.98	113920	28 35	03.94- 12.98 03.94- 12.98	110524 113979	24 4.0 24 4.0		
	[OM357.906]	03.94- 12.98	113920	28 35	03.94- 12.98 03.94- 12.98	110524 113979	24 4.0 24 4.0		
	[OM357.907]	04.84- 12.98 04.84- 12.98 04.84- 12.98 04.84- 12.98	110895 111833 112159 113920	28 55 28 140 28 80 28 35	03.94- 12.98 03.94- 12.98	113979 110524	24 4.0 24 4.0		
	[OM357.918]	03.84- 10.86 11.86- 02.91 12.86- 10.88- 03.94- 12.99	110113 110906 110895 112159 113920	28 27 28 30 28 55 28 80 28 35	03.94- 12.99 03.84-	113979 110524	24 4.0 24 4.0		
	[OM357.919]	06.90- 09.93-	110895 112159	28 55 28 80	03.84- 03.93- 12.99	110524 113979	24 4.0 24 4.0		
	[OM366.941]	03.84- 10.86 11.86- 02.91 12.86- 10.88- 02.92- 12.99	110113 110906 110895 112159 113920	28 27 28 30 28 55 28 80 28 35	02.92- 12.99 03.84-	113979 110524	24 4.0 24 4.0		
	[OM366.953]	03.84- 10.86 04.84- 12.92 11.86- 02.91 12.86- 10.88-	110113 113920 110906 110895 112159	28 27 28 35 28 30 28 55 28 80	03.84- 12.92 03.84- 12.92	110524 113979	24 4.0 24 4.0		
	[OM366.962]	03.84- 10.86 04.84- 12.92 11.86- 02.91 12.86- 10.88-	110113 113920 110906 110895 112159	28 27 28 35 28 30 28 55 28 80	04.84- 12.92 03.84-	113979 110524	24 4.0 24 4.0		
	[OM366.970]	04.84- 10.86 07.86- 02.93 11.86- 02.91 12.86- 10.88-	110113 113920 110906 110895 112159	28 27 28 35 28 30 28 55 28 80	07.86- 02.93	113979	24 4.0		
	[OM366.971]	06.90- 03.93-	110895 112159	28 55 28 80	03.84- 03.93- 12.99	110524 113979	24 4.0 24 4.0		
	1120 6.0	(LK/LN2)[OM356.986]	06.84- 10.86 11.86- 02.91 12.86- 10.88- 02.92- 12.99	110113 110906 110895 112159 113920	28 27 28 30 28 55 28 80 28 35	02.92- 12.99 06.84-	113979 110524	24 4.0 24 4.0	
		[OM356.993]	02.92-	110895	28 55	02.92- 02.92- 12.99	110524 113979	24 4.0 24 4.0	
		[OM356.994]	02.87-	110895	28 55	02.87- 10.92- 12.99	110524 113979	24 4.0 24 4.0	
		[OM356.995]	02.87-	110895	28 55	02.87- 10.92- 12.99	110524 113979	24 4.0 24 4.0	
		[OM356.996]	10.92-	110895	28 55	10.92- 10.92- 12.99	110524 113979	24 4.0 24 4.0	
		[OM357.920]	06.84- 10.86 11.86- 02.91 12.86- 10.88- 06.94- 12.99	110113 110906 110895 112159 113920	28 27 28 30 28 55 28 80 28 35	06.94- 12.99 06.84-	113979 110524	24 4.0 24 4.0	
		[OM357.927]	06.84- 10.86 11.86- 02.91 12.86- 10.88- 06.94- 12.99	110113 110906 110895 112159 113920	28 27 28 30 28 55 28 80 28 35	06.84- 12.99 06.84-	113979 110524	24 4.0 24 4.0	
		[OM357.929]	06.94- 12.99	113920	28 35	02.92- 02.92- 12.99	110524 113979	24 4.0 24 4.0	
		[OM357.932]	06.84- 10.86 11.86- 02.91 12.86- 10.88- 06.94- 12.99	110113 110906 110895 112159 113920	28 27 28 30 28 55 28 80 28 35	06.84- 06.94- 12.99	110524 113979	24 4.0 24 4.0	
		[OM366.962]	08.84- 02.93	113920	28 35	08.84- 02.93 08.84- 02.93	110524 113979	24 4.0 24 4.0	
		[OM366.988]	06.84- 10.86 06.84- 02.93 11.86- 02.91 12.86- 10.88-	110113 113920 110906 110895 112159	28 27 28 35 28 30 28 55 28 80	06.84- 06.84- 02.93	110524 113979	24 4.0 24 4.0	
		[OM366.992]	02.87- 12.92	110895	28 55	02.87- 12.92 08.84- 02.93	110524 113979	24 4.0 24 4.0	
		[OM366.993]	02.92-	110895	28 55	02.92- 02.92- 12.99	110524 113979	24 4.0 24 4.0	
		[OM366.994]	02.87-	110895	28 55	02.87- 02.87- 12.92	110524 113979	24 4.0 24 4.0	
		1124 6.0	(LK/LN2)[OM356.979]	03.92- 03.92- 12.99	110895 113920	28 55 28 35	03.92- 03.92- 12.99	110524 113979	24 4.0 24 4.0

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	[OM356.983]	03.92- 03.92- 12.99	110895 113920	28 55 28 35		03.92- 03.92- 12.99	110524 113979	24 4.0 24 4.0
	[OM356.989]	03.92- 03.92- 12.99	110895 113920	28 55 28 35		03.92- 03.92- 12.99	110524 113979	24 4.0 24 4.0
	[OM356.991]	03.92- 03.92- 12.99	110895 113920	28 55 28 35		03.92- 03.92- 12.99	110524 113979	24 4.0 24 4.0
	[OM357.933]	03.92-	110895	28 55		03.92- 06.94- 12.99	110524 113979	24 4.0 24 4.0
	[OM357.942]	03.92-	110895	28 55		03.92- 06.94- 12.99	110524 113979	24 4.0 24 4.0
	[OM357.943]	06.94-	110895	28 55		03.92- 06.94- 12.99	110524 113979	24 4.0 24 4.0
	[OM357.944]	06.94-	110895	28 55		03.92- 06.94- 12.99	110524 113979	24 4.0 24 4.0
1213 5.7	(NG)[OM353.943]	09.75- 05.86	111141	14 55		09.75- 05.86	110525	12 3.0
	[OM353.944]	09.75- 05.86	111141	14 55		09.75- 05.86	110525	12 3.0
	[OM353.945]	09.75- 05.86	111141	14 55		09.75- 05.86	110525	12 3.0
	[OM353.946]	09.75- 05.86	111141	14 55		09.75- 05.86	110525	12 3.0
1214 4.2	(Atego)[OM904.910]	01.98- 10.04 01.98- 10.04	112561 113448	28 80 28 100		01.98- 10.04 01.98- 10.04	114523 111982	24 4.0 24 4.0
	[OM904.916]	01.98- 10.04 01.98- 10.04	112561 113448	28 80 28 100		01.98- 10.04 01.98- 10.04	114523 111982	24 4.0 24 4.0
1214 4.3	(Atego)[OM904.910]	01.98- 10.04	112561	28 80		01.98- 10.04 01.98- 10.04	111982 114523	24 4.0 24 4.0
	[OM904.916]					01.98- 10.04 01.98- 10.04	111982 114523	24 4.0 24 4.0
1215 4.3	(Atego)[OM904.922]	01.98- 01.01 01.98- 01.01	112561 113448	28 80 28 100		01.98- 01.01 01.98- 10.04	111982 114523	24 4.0 24 4.0
	(Atego 2)[OM900.912]	01.98- 10.04 10.04-	115497 113351	28 100 A49 28 100		01.98- 10.04 10.04-	115514 111982	24 4.0 A49 24 4.0
	[OM904.922]	10.04- 10.04-	113351 115497	28 100 28 100 A49		10.04- 10.04-	111982 114523	24 4.0 24 4.0
1216 4.2	(Atego 2)[OM900.912]	02.06-	115497	28 100 A49		10.04- 02.06-	114523 115514	24 4.0 24 4.0 A49
1216 4.3	(Atego 2)[OM900.912]	10.04- 10.04-	113351 115497	28 100 28 100 A49		10.04- 10.04-	111982 114523	24 4.0 24 4.0
	[OM904.922]	10.04- 10.04-	113351 115497	28 100 28 100 A49		10.04- 10.04-	111982 114523	24 4.0 24 4.0
1217 4.3	(Atego)[OM904.911]	01.98- 01.01 01.98- 01.01	112561 113448	28 80 28 100		01.98- 01.01 01.98- 10.04	111982 114523	24 4.0 24 4.0
	[OM904.917]					01.98- 10.04 11.05.14	115514	24 4.0 A49
1217 5.7	(NG)[OM353.950]	09.75- 09.85 08.79- 03.81	111141 110751	14 55 14 35		09.75- 09.85	110525	12 3.0
	[OM353.951]	05.83- 09.85 05.83- 09.85	110895 110906	28 55 28 30				
	[OM353.952]	05.83- 09.85 05.83- 09.85	112159 112159	28 80 28 80				
	[OM353.953]	09.75- 09.85 07.79- 03.81	111141 110751	14 55 14 35		09.75- 09.85	110525	12 3.0
	[OM353.970]	05.83- 09.85 05.83- 09.85	110895 110906	28 55 28 30				
	[OM353.971]	05.83- 09.85 05.83- 09.85	112159 112159	28 80 28 80				
1217 6.0	(LK/LN2)[OM357.901]	03.94- 12.99	113920	28 35		03.94- 03.94- 12.99	110524 113979	24 4.0 24 4.0
	[OM357.918]	03.94- 12.99	113920	28 35		03.94- 03.94- 12.99	110524 113979	24 4.0 24 4.0
1218 4.2	(Atego 2)[OM900.913]	02.06- 02.06-	112561 115497	28 80 28 100 A49		10.04- 02.06-	114523 115514	24 4.0 24 4.0 A49
1218 4.3	(Atego)[OM904.951]	07.01-	112561	28 80				
	(Atego 2)[OM900.913]	10.04- 10.04-	113351 115497	28 100 28 100 A49		10.04- 10.04-	111982 115514	24 4.0 24 4.0 A49
		02.06-	112561	28 80		10.04-	114523	24 4.0
1219 9.6	(NG)[OM401.905]	04.81- 12.84	111141	14 55		09.75- 02.77 03.77- 12.84	110210 110206	24 6.6 24 5.4
						09.75- 12.84	112120	24 6.6
						09.75- 12.84	113855	24 5.4

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Application list

	[OM401.906]	04.81- 09.84	111141	14	55		03.77- 09.84	110206	24	5.4	
							09.75- 02.77	110210	24	6.6	
							09.75- 09.84	112120	24	6.6	
							09.75- 09.84	113855	24	5.4	
	[OM401.914]	04.81- 09.84	111141	14	55		09.75- 02.77	110210	24	6.6	
							03.77- 09.84	110206	24	5.4	
							09.75- 09.84	112120	24	6.6	
							09.75- 09.84	113855	24	5.4	
	[OM401.915]	04.81- 09.84	111141	14	55		09.75- 02.77	110210	24	6.6	
							03.77- 09.84	110206	24	5.4	
							09.75- 09.84	112120	24	6.6	
							09.75- 09.84	113855	24	5.4	
	[OM401.918]						03.77- 09.84	110206	24	5.4	
							09.75- 02.77	110210	24	6.6	
							09.75- 09.84	112120	24	6.6	
							09.75- 09.84	113855	24	5.4	
	[OM401.919]						03.77- 09.84	110206	24	5.4	
							09.75- 02.77	110210	24	6.6	
							09.75- 09.84	112120	24	6.6	
1222 11.0	(MK)[OM441.905]	07.89- 08.94	110895	28	55		07.89- 08.94	110206	24	5.4	
		07.89- 02.91	110906	28	30		07.89- 08.94	110601	24	5.4	
		07.89- 08.94	112159	28	80		07.89- 08.94	110512	24	5.4	
		03.91- 09.91	113920	28	35		07.89- 08.94	113855	24	5.4	
	[OM441.913]	07.89- 08.94	110895	28	55		07.89- 08.94	110206	24	5.4	
		07.89- 02.91	110906	28	30		07.89- 08.94	110601	24	5.4	
		07.89- 08.94	112159	28	80		07.89- 08.94	110512	24	5.4	
		03.91- 09.91	113920	28	35		07.89- 08.94	113855	24	5.4	
	[OM441.914]	09.89- 07.94	110895	28	55		09.89- 07.94	110206	24	5.4	
		09.89- 02.91	110906	28	30		09.89- 07.94	110601	24	5.4	
		09.89- 07.94	112159	28	80		09.89- 07.94	110512	24	5.4	
		03.91- 09.91	113920	28	35		09.89- 07.94	113855	24	5.4	
	[OM441.915]	09.89- 09.93	110895	28	55		09.89- 09.93	110206	24	5.4	
							09.89- 09.93	113855	24	5.4	
	[OM441.917]	09.89- 09.93	110895	28	55		09.89- 09.93	110206	24	5.4	
							09.89- 09.93	113855	24	5.4	
	[OM441.923]	07.89- 08.94	110895	28	55		07.89- 08.94	110206	24	5.4	
		07.89- 08.94	113920	28	35		07.89- 08.94	113855	24	5.4	
							07.89- 08.94	110512	24	5.4	
							07.89- 08.94	110601	24	5.4	
	[OM441.925]	07.89- 08.94	110895	28	55		07.89- 08.94	110206	24	5.4	
		07.89- 08.94	113920	28	35		07.89- 08.94	110512	24	5.4	
							07.89- 08.94	110601	24	5.4	
							07.89- 08.94	113855	24	5.4	
	[OM441.926]	09.89- 07.94	110895	28	55		09.89- 07.94	110206	24	5.4	
		09.89- 02.91	110906	28	30		08.89- 07.94	110601	24	5.4	
		09.89- 07.94	112159	28	80		09.89- 07.94	110512	24	5.4	
		03.91- 09.91	113920	28	35		09.89- 07.94	113855	24	5.4	
	(NG)[OM421.905]	05.82- 10.90	110895	28	55		05.82- 10.90	110206	24	5.4	
		10.88- 10.90	112159	28	80		05.82- 10.90	113855	24	5.4	
	[OM421.906]	05.82- 12.91	110895	28	55		05.82- 12.91	110206	24	5.4	
		10.88- 12.91	112159	28	80		05.82- 12.92	113855	24	5.4	
1222 4.8	(Atego 2)[OM924.920]	10.04-	113351	28	100		10.04-	115514	24	4.0	A49
		10.04-	115497	28	100 A49		10.04-	114523	24	4.0	
							10.04-	111982	24	4.0	
	[OM924.922]	10.04-	113351	28	100		02.06-	111982	24	4.0	
		10.04-	115497	28	100 A49		10.04-	115514	24	4.0	A49
							10.04-	114523	24	4.0	
	[OM924.930]	10.04-	115497	28	100 A49		10.04-	115514	24	4.0	A49
1222 6.0	(MK)[OM356.999]	02.93-	110895	28	55		02.93-	110524	24	4.0	
		02.93-	112159	28	80						
		02.93- 02.01	113920	28	35						
	[OM357.946]	02.93-	110895	28	55		02.93-	110524	24	4.0	
		02.93-	112159	28	80						
		02.93- 02.01	113920	28	35						
	[OM366.999]	02.93-	110895	28	55		02.93-	110524	24	4.0	
		02.93-	112159	28	80						
		02.93- 02.01	113920	28	35						
1223 6.4	(Atego)[OM906.910]	01.98- 09.04	112561	28	80		01.98- 10.04	114523	24	4.0	
		01.98- 09.04	113351	28	100		01.98- 10.04	115514	24	4.0	A49
		01.98- 09.04	113448	28	100		01.98- 09.04	111982	24	4.0	
		01.98- 09.04	115497	28	100 A49						
	[OM906.915]	01.98- 09.04	112561	28	80		01.98- 09.04	111982	24	4.0	
		01.98- 09.04	113351	28	100		01.98- 09.04	114523	24	4.0	
		01.98- 09.04	113448	28	100		01.98- 10.04	115514	24	4.0	A49
		01.98- 09.04	115497	28	100 A49						
	(Atego 2)[OM902.916]	10.04-	115497	28	100 A49		10.04-	114523	24	4.0	
							10.04-	115514	24	4.0	A49
	[OM906.910]	10.04-	115497	28	100 A49		10.04-	114523	24	4.0	
							10.04-	115514	24	4.0	A49
	[OM906.915]	10.04-	115497	28	100 A49		10.04-	114523	24	4.0	
							10.04-	115514	24	4.0	A49
1224 6.0	(MK)[OM356.999]	07.89- 08.94	110895	28	55		07.89- 08.94	110524	24	4.0	
							07.89- 08.94	113979	24	4.0	
1224 6.4	(Atego 2)[OM902.916]	10.04-	115497	28	100 A49		10.04-	114523	24	4.0	
							10.04-	115514	24	4.0	A49
	[OM906.910]	10.04-	115497	28	100 A49		10.04-	114523	24	4.0	
							10.04-	115514	24	4.0	A49
	[OM906.915]	10.04-	115497	28	100 A49		10.04-	114523	24	4.0	
							10.04-	115514	24	4.0	A49

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1224 9.6	(MK)[OM401.984]	02.93- 09.96	113920	28 35	02.93- 02.93- 09.96	110206 113855	24 5.4 24 5.4
1225 15.1	(NG)[OM442.907]	05.82- 12.91	113920	28 35			
1225 6.4	(Atego)[OM906.919]	01.98- 01.01	112561	28 80	01.98- 01.01	111982	24 4.0
		01.98- 01.01	113448	28 100	01.98- 10.04	114523	24 4.0
					01.98- 10.04	115514	24 4.0 A49
	[OM906.939]				01.98- 10.04	115514	24 4.0 A49
1226 11.0	(MK)[OM441.989]	02.93-	110895	28 55	02.93-	110206	24 5.4
		02.93- 09.96	113920	28 35	02.93- 09.96	113855	24 5.4
1226 15.1	(MK)[OM442.907]	02.90- 09.93	110895	28 55	02.90- 09.93	110206	24 5.4
		02.90- 09.93	112159	28 80	02.90- 09.33	113855	24 5.4
		02.90- 09.93	113920	28 35			
	[OM442.914]	02.90- 09.93	110895	28 55	02.90- 09.93	110206	24 5.4
		02.90- 09.93	112159	28 80	02.90- 09.93	113855	24 5.4
		02.90- 09.93	113920	28 35			
	[OM442.920]	02.90- 09.93	110895	28 55	02.90- 09.93	110206	24 5.4
		02.90- 09.93	112159	28 80	02.90- 09.93	113855	24 5.4
	[OM442.926]	02.90- 09.93	110895	28 55	02.90- 09.93	110206	24 5.4
		02.90- 09.93	113920	28 35	02.90- 09.93	113855	24 5.4
	[OM442.932]	02.90- 09.93	110895	28 55	02.90- 09.93	110206	24 5.4
		02.90- 09.93	113920	28 35	02.90- 09.93	113855	24 5.4
[OM442.933]	02.90- 09.93	110895	28 55	02.90- 09.93	110206	24 5.4	
	02.90- 09.93	112159	28 80	02.90- 09.93	113855	24 5.4	
1226 6.4	(Atego 2)[OM902.917]	10.04-	113351	28 100	10.04-	111982	24 4.0
		10.04-	115497	28 100 A49	10.04-	114523	24 4.0
					10.04-	115514	24 4.0 A49
1226 7.2	(Atego 2)[OM925.920]	10.03-	115497	28 100 A49			
		10.04-	113351	28 100			
1226 9.6	(MK)[OM401.973]	02.93-	110895	28 55	02.93-	110206	24 5.4
		02.93- 09.96	113920	28 35	02.93- 09.96	113855	24 5.4
	[OM401.978]	02.93-	110895	28 55	02.93-	110206	24 5.4
		02.93- 09.96	113920	28 35	02.93- 09.96	113855	24 5.4
	[OM401.984]	02.93-	110895	28 55	02.93-	110206	24 5.4
		02.93- 09.96	113920	28 35	02.93- 09.96	113855	24 5.4
[OM401.989]	02.93-	110895	28 55	02.93-	110206	24 5.4	
		02.93- 09.96	113920	28 35	02.93- 09.96	113855	24 5.4
1227 11.0	(MK)[OM445.933]	01.92- 07.92	110895	28 55			
1227 9.6	(MK)[OM401.973]	01.92- 07.92	110895	28 55	01.92- 07.92	110206	24 5.4
		01.92- 07.92	113920	28 35	01.92- 07.92	113855	24 5.4
		01.92- 07.92	110895	28 55	01.92- 07.92	110206	24 5.4
	[OM401.989]	01.92- 07.92	110895	28 55	01.92- 07.92	110206	24 5.4
		01.92- 07.92	113920	28 35	01.92- 07.92	113855	24 5.4
1228 6.4	(Atego)[OM906.911]	01.98- 01.01	112561	28 80	01.98- 01.01	111982	24 4.0
		01.98- 01.01	113448	28 100	01.98- 10.04	114523	24 4.0
				01.98- 10.04	115514	24 4.0 A49	
	[OM906.916]			01.98- 10.04	115514	24 4.0 A49	
	(Atego 2)[OM902.918]	10.04-	115497	28 100 A49	10.04-	114523	24 4.0
				10.04-	115514	24 4.0 A49	
	[OM906.911]	10.04-	115497	28 100 A49	10.04-	114523	24 4.0
[OM906.916]	10.04-	115497	28 100 A49	10.04-	115514	24 4.0 A49	
				10.04-	114523	24 4.0	
				10.04-	115514	24 4.0 A49	
1229 6.4	(Atego 2)[OM902.918]	10.04-	115497	28 100 A49	10.04-	114523	24 4.0
					10.04-	115514	24 4.0 A49
		[OM906.911]	10.04-	115497	28 100 A49	10.04-	114523
				10.04-	115514	24 4.0 A49	
[OM906.916]	10.04-	115497	28 100 A49	10.04-	114523	24 4.0	
				10.04-	115514	24 4.0 A49	
1229 7.2	(Atego 2)[OM925.920]	10.04-	113351	28 100			
		10.04-	115497	28 100 A49			
1231 9.6	(MK)[OM401.986]	01.92- 09.96	110895	28 55			
		01.92- 09.96	113920	28 35			
1234 11.0	(MK)[OM441.989]	01.92-	110895	28 55	01.92-	110206	24 5.4
		01.92- 09.96	113920	28 35	01.92- 09.96	113855	24 5.4
	[OM441.993]	01.92-	110895	28 55	01.92-	110206	24 5.4
		01.92- 09.96	113920	28 35	01.92- 06.96	113855	24 5.4
	[OM445.923]	01.92-	110895	28 55	01.92-	110206	24 5.4
		01.92-	112159	28 80	01.92- 09.96	113855	24 5.4
		01.94- 09.96	113920	28 35			
	[OM445.933]	01.92-	110895	28 55	01.92-	110206	24 5.4
01.92-		112159	28 80				
01.94- 09.96		113920	28 35				
1314 6.0	(LK/LN2)[OM356.908]	12.92- 09.95	113920	28 35	07.84- 09.95	110524	24 4.0
					12.92- 09.95	113979	24 4.0
	[OM356.909]	07.84- 10.86	110113	28 27	07.84-	110524	24 4.0
		11.86- 02.91	110906	28 30	12.92- 12.99	113979	24 4.0
		12.86-	110895	28 55			
		06.87-	112159	28 80			
		12.92- 12.99	113920	28 35			
	[OM356.910]	07.84- 10.86	110113	28 27	12.92- 12.99	113979	24 4.0
		11.86- 02.91	110906	28 30	07.84-	110524	24 4.0
		12.86-	110895	28 55			
		10.88-	112159	28 80			
		12.92- 12.99	113920	28 35			
[OM366.907]	07.84- 10.86	110113	28 27	07.84-	110524	24 4.0	
	11.86- 02.91	110906	28 30	07.84- 02.93	113979	24 4.0	
	12.86-	110895	28 55				
	10.88-	112159	28 80				
	03.91- 02.93	113920	28 35				

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	[OM366.914]	07.84- 10.86	110113	28 27	07.84- 02.93	113979	24 4.0
		11.86- 02.91	110906	28 30	07.84-	110524	24 4.0
		12.86-	110895	28 55			
		10.88-	112159	28 80			
		03.91- 02.93	113920	28 35			
	[OM366.918]	06.87-	110895	28 55	06.87-	110524	24 4.0
		06.87- 02.91	110906	28 30	06.87- 02.93	113979	24 4.0
		06.87-	112159	28 80			
		03.91- 02.93	113920	28 35			
	[OM366.936]	07.84- 02.93	113920	28 35	07.84- 09.95	110524	24 4.0
					07.84- 02.93	113979	24 4.0
	[OM366.937]	06.87-	110895	28 55	06.87- 02.93	113979	24 4.0
		06.87- 02.91	110906	28 30	06.87-	110524	24 4.0
		06.87-	112159	28 80			
		03.91- 02.93	113920	28 35			
1317 4.2	(LK/LN2)[OM904.907]	03.96-	112159	28 80	03.96-	111982	24 4.0
					03.96- 12.98	114523	24 4.0
					03.96- 12.99	115514	24 4.0 A49
1317 4.3	(Atego)[OM900.917]	01.98- 10.04	115497	28 100 A49	01.98- 10.04	114523	24 4.0
					01.98- 10.04	115514	24 4.0 A49
	[OM904.911]	01.98- 01.01	112561	28 80	01.98- 01.01	111982	24 4.0
		01.98- 01.01	113448	28 100	01.98- 10.04	114523	24 4.0
					01.98- 10.04	115514	24 4.0 A49
	[OM904.913]				01.98- 10.04	115514	24 4.0 A49
	[OM904.917]				01.98- 10.04	115514	24 4.0 A49
1317 6.0	(LK/LN2)[OM356.944]	08.84- 10.86	110113	28 27	12.92- 12.99	113979	24 4.0
		10.86- 02.91	110906	28 30	08.84-	110524	24 4.0
		12.86-	110895	28 55			
		10.88-	112159	28 80			
		12.92- 12.99	113920	28 35			
	[OM356.945]	12.92-	110895	28 55	12.92-	110524	24 4.0
		12.92-	112159	28 80	12.92- 12.99	113979	24 4.0
		12.92- 12.99	113920	28 35			
	[OM356.995]	12.92- 12.98	113920	28 35	12.92-	110524	24 4.0
					12.92- 12.98	113979	24 4.0
	[OM357.902]	07.84- 10.86	110113	28 27	07.84- 12.99	113979	24 4.0
		11.86- 02.91	110906	28 30	07.84-	110524	24 4.0
		12.86-	110895	28 55			
		10.88-	112159	28 80			
		03.94- 12.99	113920	28 35			
	[OM357.903]	03.94-	110895	28 55	03.94- 12.98	113979	24 4.0
		03.94-	112159	28 80	03.94-	110524	24 4.0
		03.94- 12.98	113920	28 35			
	[OM357.907]	03.94-	110895	28 55	03.94- 12.99	113979	24 4.0
		03.94-	112159	28 80	03.94-	110524	24 4.0
		03.94- 12.99	113920	28 35			
	[OM357.961]	07.84- 10.86	110113	28 27	08.84- 12.98	113979	24 4.0
		11.86- 02.91	110906	28 30	07.84-	110524	24 4.0
		12.86-	110895	28 55			
		10.88-	112159	28 80			
		03.94- 12.98	113920	28 35			
	[OM357.962]	03.94-	110895	28 55	03.94-	110524	24 4.0
		03.94-	112159	28 80	03.94- 12.98	113979	24 4.0
		03.94- 12.98	113920	28 35			
	[OM366.944]	08.84- 10.86	110113	28 27	08.84-	110524	24 4.0
		08.84- 02.93	113920	28 35	08.84- 02.93	113979	24 4.0
		11.86- 02.91	110906	28 30			
		12.86-	110895	28 55			
		10.88-	112159	28 80			
	[OM366.946]	08.84- 10.86	110113	28 27	08.84-	110524	24 4.0
		11.86- 02.91	110906	28 30	08.84- 02.93	113979	24 4.0
		12.86-	110895	28 55			
		10.88-	112159	28 80			
		03.91- 02.93	113920	28 35			
	[OM366.953]	08.84- 10.86	110113	28 27	08.84- 02.93	113979	24 4.0
		08.84- 02.93	111628	28 30	08.84-	110524	24 4.0
		11.86- 02.91	110906	28 30			
		12.86-	110895	28 55			
		10.88-	112159	28 80			
		03.91- 02.93	113920	28 35			
	[OM366.962]	07.84- 10.86	110113	28 27	07.84-	110524	24 4.0
		07.84- 12.98	113920	28 35	07.84- 12.98	113979	24 4.0
		08.84- 02.93	111628	28 30			
		11.86- 02.91	110906	28 30			
		12.86-	110895	28 55			
		10.88-	112159	28 80			
	[OM366.966]	06.87- 02.93	110895	28 55	06.87- 02.97	113979	24 4.0
		06.87- 02.91	110906	28 30	06.87- 02.93	110524	24 4.0
		06.87- 02.93	113920	28 35			
		10.88- 02.93	112159	28 80			
1318 4.2	(Atego 2)[OM900.913]	10.04-	115497	28 100 A49	10.04-	114523	24 4.0
					10.04-	115514	24 4.0 A49
1318 4.3	(Atego)[OM900.913]	02.06- 10.04	115497	28 100 A49	01.98- 10.04	114523	24 4.0
					02.06- 10.04	115514	24 4.0 A49
	[OM904.911]				01.98- 10.04	114523	24 4.0
					01.98- 10.04	115514	24 4.0 A49
	(Atego 2)[OM900.913]	10.04-	113351	28 100	10.04-	111982	24 4.0
		10.04-	115497	28 100 A49	10.04-	114523	24 4.0
					10.04-	115514	24 4.0 A49

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1320 6.0	[OM904.949]	10.04-	115497	28	100 A49	10.04-	115514	24	4.0	A49
	(LK/LN2)[OM356.983]	12.92-	110895	28	55	12.92-	110524	24	4.0	
		12.92-	112159	28	80	12.92- 12.98	113979	24	4.0	
		12.92- 12.98	113920	28	35					
	[OM356.992]	10.84- 10.86	110113	28	27	10.84-	110524	24	4.0	
		11.86- 02.91	110906	28	30	12.92- 12.99	113979	24	4.0	
		12.86-	110895	28	55					
		10.88-	112159	28	80					
		12.92- 12.99	113920	28	35					
	[OM356.995]	12.92- 12.98	113920	28	35	12.92- 12.98	110524	24	4.0	
	[OM357.921]	10.84- 10.86	110113	28	27	10.84-	110524	24	4.0	
		11.86- 02.91	110906	28	30	03.94- 12.99	113979	24	4.0	
		12.86-	110895	28	55					
		10.88-	112159	28	80					
		03.94- 12.99	113920	28	35					
	[OM357.932]	10.84- 10.86	110113	28	27	10.84-	110524	24	4.0	
		11.86- 02.91	110906	28	30	03.94- 12.99	113979	24	4.0	
		12.86-	110895	28	55					
		10.88-	112159	28	80					
		03.94- 12.99	113920	28	35					
	[OM366.962]	10.84- 02.93	113920	28	35	10.84- 02.93	110524	24	4.0	
						10.84- 02.93	113979	24	4.0	
	[OM366.966]	03.85- 02.93	113920	28	35	10.84- 02.93	110524	24	4.0	
						03.85- 02.93	113979	24	4.0	
	[OM366.980]	10.84- 10.86	110113	28	27	10.84- 02.93	110524	24	4.0	
		10.84- 02.93	113920	28	35	10.84- 11.10	113979	24	4.0	
		11.86- 02.91	110906	28	30					
		12.86-	110895	28	55					
		10.88-	112159	28	80					
	[OM366.988]	10.84- 10.86	110113	28	27	10.84- 02.93	113979	24	4.0	
		11.86- 02.91	110906	28	30	10.84- 02.93	110524	24	4.0	
		12.86-	110895	28	55					
10.88-		112159	28	80						
03.91- 02.93		113920	28	35						
[OM366.992]	10.84- 10.86	110113	28	27	10.84-	110524	24	4.0		
	11.86- 02.91	110906	28	30	10.84- 03.93	113979	24	4.0		
	12.86-	110895	28	55						
	10.88-	112159	28	80						
	03.91- 02.93	113920	28	35						
[OM366.997]	10.84- 10.86	110113	28	27	10.84- 02.93	113979	24	4.0		
	11.86- 02.91	110906	28	30	10.84- 08.93	110524	24	4.0		
	12.86-	110895	28	55						
	10.88-	112159	28	80						
	03.91- 02.93	113920	28	35						
1322 4.8	(Atego 2)[OM924.920]	10.04-	113351	28	100	10.04-	115514	24	4.0	A49
		10.04-	115497	28	100 A49	10.04-	114523	24	4.0	
						10.04-	111982	24	4.0	
	[OM924.922]	10.04-	113351	28	100	06.06-	111982	24	4.0	
		10.04-	115497	28	100 A49	10.04-	115514	24	4.0	A49
						10.04-	114523	24	4.0	
[OM924.930]	10.04-	115497	28	100 A49	10.04-	115514	24	4.0	A49	
1323 6.4	(Atego)[OM906.910]	01.98- 09.04	112561	28	80	01.98- 10.04	114523	24	4.0	
		01.98- 09.04	113351	28	100	01.98- 10.04	115514	24	4.0	A49
		01.98- 09.04	113448	28	100	01.98- 09.04	111982	24	4.0	
		01.98- 09.04	115497	28	100 A49					
	[OM906.915]	01.98- 09.04	112561	28	80	01.98- 09.04	111982	24	4.0	
		01.98- 09.04	113351	28	100	01.98- 09.04	114523	24	4.0	
		01.98- 09.04	113448	28	100	01.98- 10.04	115514	24	4.0	A49
		01.98- 09.04	115497	28	100 A49					
	(Atego 2)[OM902.916]	10.04-	113351	28	100	10.04-	111982	24	4.0	
		10.04-	115497	28	100 A49	10.04-	114523	24	4.0	
						10.04-	115514	24	4.0	A49
	[OM906.910]	10.04-	113351	28	100	10.04-	111982	24	4.0	
		10.04-	115497	28	100 A49	10.04-	114523	24	4.0	
						10.04-	115514	24	4.0	A49
	[OM906.915]	10.04-	113351	28	100	10.04-	111982	24	4.0	
		10.04-	115497	28	100 A49	10.04-	114523	24	4.0	
					10.04-	115514	24	4.0	A49	
1324 6.0	(LK/LN2)[OM356.983]	01.91-	110895	28	55	01.91- 02.01	113979	24	4.0	
		01.91- 02.91	110906	28	30	01.91- 08.93	110524	24	4.0	
		01.91-	112159	28	80					
		03.91- 02.01	113920	28	35					
	[OM357.940]	01.91-	110895	28	55	03.94- 12.98	113979	24	4.0	
		01.91- 02.91	110906	28	30	01.91-	110524	24	4.0	
		01.91-	112159	28	80					
		03.94- 12.98	111628							
		03.94- 12.98	113920	28	35					
	[OM357.948]	01.91-	110895	28	55	03.94- 12.98	113979	24	4.0	
		01.91- 02.91	110906	28	30	01.91-	110524	24	4.0	
		01.91-	112159	28	80					
		03.94-	111628							
	03.94- 12.98	113920	28	35						
[OM366.997]	01.91-	110895	28	55	01.91- 02.01	110524	24	4.0		
	01.91- 02.01	113920	28	35	01.91- 02.01	113979	24	4.0		
[OM366.999]	01.91-	110895	28	55	01.91-	110524	24	4.0		
	01.91- 02.91	110906	28	30	01.91- 02.01	113979	24	4.0		
	01.91-	112159	28	80						
	01.91- 02.01	113920	28	35						

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1324 6.4	(Atego 2)[OM902.916]	10.04-	113351	28 100	10.04-	111982	24 4.0
		10.04-	115497	28 100 A49	10.04-	114523	24 4.0
					10.04-	115514	24 4.0 A49
	[OM906.910]	10.04-	113351	28 100	10.04-	111982	24 4.0
		10.04-	115497	28 100 A49	10.04-	114523	24 4.0
					10.04-	115514	24 4.0 A49
[OM906.915]	10.04-	113351	28 100	10.04-	111982	24 4.0	
	10.04-	115497	28 100 A49	10.04-	114523	24 4.0	
				10.04-	115514	24 4.0 A49	
1324 7.2	(Atego 2)[OM925.920]	10.04-	113351	28 100			
		10.04-	115497	28 100 A49			
1325 6.4	(Atego)[OM906.919]	01.98- 01.01	112561	28 80	01.98- 01.01	111982	24 4.0
		01.98- 01.01	113448	28 100	01.98- 10.04	114523	24 4.0
				01.98- 10.04	115514	24 4.0 A49	
	[OM906.939]				01.98- 10.04	115514	24 4.0 A49
1326 6.4	(Atego 2)[OM902.917]	10.04-	113351	28 100	10.04-	111982	24 4.0
		10.04-	115497	28 100 A49	10.04-	114523	24 4.0
				10.04-	115514	24 4.0 A49	
1326 7.2	(Atego 2)[OM925.920]	10.04-	113351	28 100			
		10.04-	115497	28 100 A49			
1328 6.4	(Atego)[OM906.911]	01.98- 01.01	112561	28 80	01.98- 01.01	111982	24 4.0
		01.98- 01.01	113448	28 100	01.98- 10.04	114523	24 4.0
				01.98- 10.04	115514	24 4.0 A49	
	[OM906.916]				01.98- 10.04	115514	24 4.0 A49
(Atego 2)[OM902.918]	10.04-	112561	28 80	10.04-	115514	24 4.0 A49	
	10.04-	113351	28 100	10.04-	114523	24 4.0	
		10.04-	113448	28 100			
		10.04-	115497	28 100 A49			
[OM906.911]	10.04-	112561	28 80	10.04-	115514	24 4.0 A49	
	10.04-	113351	28 100	10.04-	114523	24 4.0	
		10.04-	113448	28 100			
		10.04-	115497	28 100 A49			
[OM906.916]	10.04-	112561	28 80	10.04-	115514	24 4.0 A49	
	10.04-	113351	28 100	10.04-	114523	24 4.0	
		10.04-	113448	28 100			
		10.04-	115497	28 100 A49			
1329 6.4	(Atego 2)[OM902.918]	10.04-	112561	28 80	02.06-	111982	24 4.0
		10.04-	113351	28 100	10.04-	115514	24 4.0 A49
		10.04-	113448	28 100	10.04-	114523	24 4.0
		10.04-	115497	28 100 A49			
	[OM906.911]						
		10.04-	112561	28 80	10.04-	115514	24 4.0 A49
		10.04-	113351	28 100	10.04-	114523	24 4.0
		10.04-	113448	28 100			
		10.04-	115497	28 100 A49			
[OM906.916]	10.04-	112561	28 80	10.04-	115514	24 4.0 A49	
	10.04-	113351	28 100	10.04-	114523	24 4.0	
		10.04-	113448	28 100			
		10.04-	115497	28 100 A49			
1329 7.2	(Atego 2)[OM925.920]	10.04-	113351	28 100			
		10.04-	115497	28 100 A49			
1413 5.7	(NG)[OM353.944]	09.75- 12.84	111141	14 55	09.75- 12.84	110525	12 3.0
	[OM353.946]	09.75- 12.84	111141	14 55	09.75- 12.84	110525	12 3.0
	[OM353.964]	09.75- 12.84	111141	14 55	09.75- 12.84	110525	12 3.0
1414 6.0	(NG)[OM366.906]	04.84- 03.91	110113	28 27	04.84- 03.91	110524	24 4.0
		11.86- 03.91	110906	28 30			
		12.86- 03.91	110895	28 55			
		10.88- 03.91	112159	28 80			
		02.91- 03.91	113920	28 35			
	[OM366.909]						
		04.84- 10.86	110113	28 27	04.84- 03.91	110524	24 4.0
		11.86- 03.91	110906	28 30			
		12.86- 03.91	110895	28 55			
		10.88- 03.91	112159	28 80			
		02.91- 03.91	113920	28 35			
1417 5.8	(NG)[OM353.951]	05.75- 12.84	111141	14 55	05.75- 12.84	110525	12 3.0
	[OM353.953]	05.75- 12.84	111141	14 55	05.75- 12.84	110525	12 3.0
	[OM353.971]	05.75- 12.84	111141	14 55	05.75- 12.84	110525	12 3.0
1417 6.0	(MK)[OM356.940]	07.89-	110895	28 55	07.89- 09.96	110524	24 4.0
		07.89- 09.96	113920	28 35			
		06.91-	112159	28 80			
	[OM356.943]						
		07.89-	110895	28 55	07.89-	110524	24 4.0
		09.89- 02.91	110906	28 30	07.92- 09.06	113979	24 4.0
		09.89-	112159	28 80	09.89- 09.96	112315	
		07.92- 09.96	113920	28 35			
	[OM357.915]						
		07.89-	110895	28 55	07.89-	110524	24 4.0
		09.89- 02.91	110906	28 30	01.94- 09.96	113979	24 4.0
		06.91-	112159	28 80			
		01.94- 09.96	113920	28 35			
	[OM366.952]						
		07.89-	110895	28 55	07.89-	110524	24 4.0
		07.89- 02.91	110906	28 30	07.89- 07.92	113979	24 4.0
		07.89-	112159	28 80			
		03.91- 07.92	113920	28 35			
	(NG)[OM366.951]						
		04.84- 10.86	110113	28 27	04.84- 03.91	110524	24 4.0
		11.86- 03.91	110906	28 30			
		12.86- 03.91	110895	28 55			
		10.88- 03.91	112159	28 80			
	[OM366.952]						
		04.84- 10.86	110113	28 27	04.84- 03.91	110524	24 4.0
		11.86- 03.91	110906	28 30			
		12.86- 03.91	110895	28 55			
		10.88- 03.91	112159	28 80			





1419 5.7	(NG)[OM362.906]	05.83- 06.85	110113	28 27	05.83- 06.85	110524	24 4.0
	[OM362.909]	05.83- 06.85	110113	28 27	05.83- 06.85	110524	24 4.0
1419 9.6	(NG)[OM401.905]	03.78- 12.84	111141	14 55	05.75- 02.77	110210	24 6.6
					03.77- 12.84	110206	24 5.4
					08.73- 09.96	112120	24 6.6
					08.73- 09.96	113855	24 5.4
	[OM401.914]	04.81- 12.82	111141	14 55	05.75- 02.77	110210	24 6.6
					03.77- 12.82	110206	24 5.4
1420 10.9	(NG)[OM421.905]	05.82- 10.86	110113	28 27	05.82- 10.90	110206	24 5.4
		11.86- 10.90	110895	28 55	08.73- 09.96	113855	24 5.4
		11.86- 10.90	110906	28 30			
1420 11.0	(MK)[OM441.905]	09.89- 09.96	113920	28 35			
	[OM441.923]	09.89- 09.96	113920	28 35			
1420 6.0	(MK)[OM356.984]	02.90- 06.93	110895	28 55	02.90-	110524	24 4.0
		02.90- 02.91	110906	28 30			
		02.90- 06.93	112159	28 80			
		03.91- 06.93	113920	28 35			
	[OM356.987]	09.89- 09.96	113920	28 35	09.89- 09.96	110524	24 4.0
		08.94-	110895	28 55			
	(NG)[OM366.983]	07.85- 10.86	110113	28 27	07.85- 03.91	110524	24 4.0
		07.85- 03.91	113920	28 35			
		11.86- 03.91	110895	28 55			
		11.86- 03.91	110906	28 30			
1422 10.9	(NG)[OM401.905]	05.82- 05.85	110113	28 27	05.82- 10.90	110206	24 5.4
		06.86- 10.90	113920	28 35			
		10.88- 10.90	112159	28 80			
	[OM421.906]	05.82- 10.90	110895	28 55	05.82- 10.90	113855	24 5.4
1422 11.3	(MK)[OM441.905]	06.89- 08.94	110895	28 55	06.89- 08.94	110206	24 5.4
		06.89- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4
		06.89- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	[OM441.913]	07.89- 09.93	110895	28 55	07.89- 09.93	110206	24 5.4
		07.89- 09.93	112159	28 80	07.89- 09.93	113855	24 5.4
	[OM441.923]	06.89- 08.94	110895	28 55	06.89- 08.94	110206	24 5.4
		06.89- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4
		06.89- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
[OM441.925]	07.89- 09.93	110895	28 55	07.89- 09.93	110206	24 5.4	
	07.89- 09.93	112159	28 80	07.89- 09.93	113855	24 5.4	
1422 6.0	(MK)[OM356.999]	03.93- 08.94	110895	28 55	03.93- 08.94	110524	24 4.0
1422 9.6	(MK)[OM401.973]	02.93- 08.94	113920	28 35	02.93- 08.94	110206	24 5.4
					02.93- 08.94	113855	24 5.4
	[OM401.975]	02.93- 08.94	113920	28 35	02.93- 08.94	110206	24 5.4
					02.93- 08.94	113855	24 5.4
	[OM401.977]	02.93- 08.94	113920	28 35	02.93- 08.94	110206	24 5.4
					02.93- 08.94	113855	24 5.4
	[OM401.978]	02.93- 08.94	113920	28 35	02.93- 08.94	110206	24 5.4
				02.93- 08.94	113855	24 5.4	
	[OM401.979]	02.93- 08.94	113920	28 35	02.93- 08.94	110206	24 5.4
				02.93- 08.94	113855	24 5.4	
1424 11.0	(MK)[OM445.924]	01.95-	110895	28 55	01.95-	110206	24 5.4
		01.95-	112159	28 80	12.87- 09.96	113855	24 5.4
	[OM445.926]	01.95-	110895	28 55	01.95-	110206	24 5.4
		01.95-	112159	28 80	12.87- 09.96	113855	24 5.4
	[OM445.938]	01.95-	110895	28 55	01.95-	110206	24 5.4
	01.95-	112159	28 80	12.87- 09.96	113855	24 5.4	
1424 12.8	(NG)[OM402.910]	11.79- 01.87	111141	14 55	05.75- 02.77	110210	24 6.6
					03.77- 01.87	110206	24 5.4
					08.73- 09.96	112120	24 6.6
					08.73- 09.96	113855	24 5.4
	[OM402.911]	11.79- 01.87	111141	14 55	03.77- 01.87	110206	24 5.4
					05.75- 02.77	110210	24 6.6
					07.75- 01.87	112120	24 6.6
				08.73- 09.96	113855	24 5.4	
	[OM402.919]				03.77- 01.87	110206	24 5.4
					07.75- 02.77	110210	24 6.6
					07.75- 01.87	113855	24 5.4
1424 6.0	(MK)[OM357.946]	07.89- 09.96	110895	28 55	07.89- 09.96	110524	24 4.0
					02.92- 09.96	113979	24 4.0
1424 9.6	(MK)[OM401.973]	02.93-	110895	28 55	02.93-	110206	24 5.4
		02.93-	112159	28 80	12.87- 09.96	113855	24 5.4
		02.93- 09.96	113920	28 35			
	[OM401.975]	02.93-	110895	28 55	02.93-	110206	24 5.4
		02.93-	112159	28 80	12.87- 09.96	113855	24 5.4
		02.93- 09.96	113920	28 35			
	[OM401.994]	02.93-	110895	28 55	02.93-	110206	24 5.4
		02.93-	112159	28 80	12.87- 09.96	113855	24 5.4
		02.93- 09.96	113920	28 35			
1425 14.6	(NG)[OM422.909]	11.82- 10.86	110113	28 27	08.87- 09.96	113855	24 5.4
		11.86- 09.96	110895	28 55	11.82- 09.96	110206	24 5.4
		11.86- 03.91	110906	28 30	08.73- 09.96	112120	24 6.6
		10.88- 03.91	112159	28 80	11.82- 09.96	110210	24 6.6
		03.91- 09.96	113920	28 35			

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





**MERCEDES-BENZ** Continued

**Application list**

1426 15.1	(MK)[OM442.914]	06.89- 09.93	110895	28 55	06.89- 09.93	110206	24 5.4	
		06.89- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4	
		06.89- 09.93	112159	28 80				
		03.91- 09.93	113920	28 35				
	[OM442.932]	06.89- 09.93	110895	28 55	06.89- 09.93	110206	24 5.4	
		06.89- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4	
		06.89- 09.93	112159	28 80				
		03.91- 09.93	113920	28 35				
	1427 3.0	(MK)[OM401.985]	02.93-	110895	28 55	02.93-	110206	24 5.4
			02.93-	112159	28 80	02.93- 09.96	113855	24 5.4
1427 9.6	(MK)[OM401.973]	12.87- 09.96	113920	28 35	12.87- 09.96	110206	24 5.4	
		02.93-	110895	28 55	02.93-	110206	24 5.4	
	[OM401.991]	02.93-	112159	28 80	02.93- 09.96	113855	24 5.4	
		02.93-	110895	28 55	02.93-	110206	24 5.4	
1428 14.6	(NG)[OM422.907]	05.82- 12.91	113920	28 35				
		05.82- 09.96	113920	28 35	08.73- 09.96	110206	24 5.4	
	[OM422.913]	11.86-	110895	28 55				
		11.86- 02.91	110906	28 30				
1429 15.1	(NG)[OM442.907]	08.73- 09.96	113920	28 35				
1431 15.1	(MK)[OM442.907]	12.87- 08.96	113920	28 35	12.87- 08.96	110206	24 5.4	
1431 9.6	(MK)[OM401.979]	12.87- 08.96	113920	28 35	12.87- 08.96	110206	24 5.4	
1514 6.0	(LK/LN2)[OM356.908]	01.89- 12.92	110895	28 55	01.89- 12.92	110524	24 4.0	
		01.89-	110906	28 30	01.89- 11.10	113979	24 4.0	
		01.89- 12.92	112159	28 80				
		12.92- 12.99	113920	28 35				
	[OM366.936]	01.89- 12.92	110895	28 55	01.89- 11.10	113979	24 4.0	
		01.89-	110906	28 30	01.89- 12.92	110524	24 4.0	
		01.89- 12.92	112159	28 80				
		01.89- 12.92	113920	28 35				
	1517 4.2	(Atego)[OM904.911]	01.98- 10.04	112561	28 80	01.98- 10.04	114523	24 4.0
			01.98- 10.04	113351	28 100	01.98- 10.04	115514	24 4.0 A49
01.98- 10.04			113448	28 100	01.98- 10.04	111982	24 4.0	
01.98- 10.04			115497	28 100 A49				
[OM904.917]		01.98- 10.04	112561	28 80	01.98- 10.04	114523	24 4.0	
		01.98- 10.04	113351	28 100	01.98- 10.04	115514	24 4.0 A49	
		01.98- 10.04	113448	28 100	01.98- 10.04	111982	24 4.0	
		01.98- 10.04	115497	28 100 A49				
[LK/LN2][OM904.907]		03.96-	112159	28 80	03.96-	111982	24 4.0	
					03.96- 12.98	114523	24 4.0	
1517 4.3	(Atego)[OM904.911]	01.98- 01.01	112561	28 80	01.98- 01.01	111982	24 4.0	
		01.98- 01.01	113448	28 100	01.98- 10.04	114523	24 4.0	
					01.98- 10.04	115514	24 4.0 A49	
					01.98- 10.04	115514	24 4.0 A49	
	[OM904.917]	01.98- 10.04	112561	28 80	01.98- 10.04	114523	24 4.0	
		01.98- 10.04	113351	28 100	01.98- 10.04	115514	24 4.0 A49	
		01.98- 10.04	113448	28 100	01.98- 10.04	111982	24 4.0	
		01.98- 10.04	115497	28 100 A49				
	1517 6.0	(LK/LN2)[OM356.946]	10.88-	110895	28 55	10.88- 12.92	110524	24 4.0
			10.88-	112159	28 80	10.88- 12.98	113979	24 4.0
10.88- 12.98			113920	28 35				
10.88-			110895	28 55	10.88- 12.92	110524	24 4.0	
[OM356.953]		10.88-	112159	28 80	12.92- 12.99	113979	24 4.0	
		12.92- 12.99	113920	28 35				
		10.88-	110895	28 55	10.88- 12.92	110524	24 4.0	
		10.88-	112159	28 80	03.94- 12.98	113979	24 4.0	
[OM357.903]		10.88-	110895	28 55	10.88- 12.92	110524	24 4.0	
		10.88-	112159	28 80	03.94- 12.98	113979	24 4.0	
	03.94- 12.98	113920	28 35					
	10.88-	110895	28 55	10.88- 12.92	110524	24 4.0		
[OM357.962]	10.88-	112159	28 80	03.94- 12.99	113979	24 4.0		
	03.94- 12.99	113920	28 35					
	10.88-	110895	28 55	10.88- 12.92	110524	24 4.0		
	10.88-	112159	28 80	03.94- 12.99	113979	24 4.0		
[OM357.963]	03.94- 12.99	113920	28 35					
	10.88-	110895	28 55	10.88- 12.92	110524	24 4.0		
	10.88-	112159	28 80	03.94- 12.99	113979	24 4.0		
	03.94- 12.99	113920	28 35					
[OM366.945]	10.88-	110895	28 55	10.88- 12.92	110524	24 4.0		
	10.88-	112159	28 80	01.89- 12.92	113979	24 4.0		
	01.89- 12.92	111628						
	01.89- 12.92	113920	28 35					
[OM366.979]	10.88-	110895	28 55	10.88- 12.92	110524	24 4.0		
	10.88-	112159	28 80	01.89- 12.92	113979	24 4.0		
	01.89- 12.92	111628						
	01.89- 12.92	113920	28 35					
1518 4.2	(Atego 2)[OM900.913]	10.04-	113351	28 100	02.06-	111982	24 4.0	
		10.04-	115497	28 100 A49	10.04-	114523	24 4.0	
	[OM900.913]	10.04-	115497	28 100 A49	10.04-	115514	24 4.0 A49	
					10.04-	115514	24 4.0 A49	
1518 4.3	(Atego 2)[OM900.913]	10.04-	113351	28 100	10.04-	111982	24 4.0	
		10.04-	115497	28 100 A49	10.04-	114523	24 4.0	
					10.04-	115514	24 4.0 A49	
					10.04-	115514	24 4.0 A49	
	[OM904.962]	10.04-	115497	28 100 A49	10.04-	115514	24 4.0 A49	
		10.04-	115497	28 100 A49	10.04-	115514	24 4.0 A49	
	[OM904.967]	10.04-	115497	28 100 A49	10.04-	115514	24 4.0 A49	
	[OM904.968]	10.04-	115497	28 100 A49	10.04-	115514	24 4.0 A49	
	[OM904.972]	10.04-	115497	28 100 A49	10.04-	115514	24 4.0 A49	
	[OM904.976]	10.04-	115497	28 100 A49	10.04-	115514	24 4.0 A49	
1520 6.0	(LK/LN2)[OM356.990]	01.89-	110895	28 55	01.89-	110524	24 4.0	
		01.89-	112159	28 80	12.92- 12.99	113979	24 4.0	
		12.92- 12.99	113920	28 35				
		01.89-	110895	28 55	01.89-	110524	24 4.0	
	[OM357.922]	01.89-	112159	28 80	03.94- 12.99	113979	24 4.0	
		03.94- 12.99	113920	28 35				
		01.89-	110895	28 55	01.89-	110524	24 4.0	
		01.89-	112159	28 80	03.94- 12.99	113979	24 4.0	
[OM357.930]	03.94- 12.99	113920	28 35					
	01.89-	110895	28 55	01.89-	110524	24 4.0		
	01.89-	112159	28 80	03.94- 12.99	113979	24 4.0		
	03.94- 12.99	113920	28 35					



	[OM366.995]	01.89- 01.89- 01.89- 12.92	110895 112159 113920	28 55 28 80 28 35		01.89- 01.89- 12.92	110524 113979	24 4.0 24 4.0
1522 4.8	(Atego 2)[OM924.920]	10.04- 10.04- 10.04-	113351 113448 115497	28 100 28 100 28 100 A49		10.04- 10.04- 10.04-	114523 111982 115514	24 4.0 24 4.0 24 4.0 A49
	[OM924.922]	10.04- 10.04-	113351 115497	28 100 28 100 A49		06.06- 10.04- 10.04-	111982 115514 114523	24 4.0 24 4.0 A49 24 4.0
	[OM924.930]	10.04-	115497	28 100 A49		10.04-	115514	24 4.0 A49
1523 6.4	(Atego)[OM906.910]	01.98- 01.01 01.98- 01.98- 01.98- 01.01 01.98- 10.04	112561 113278 113351 113448 115497	28 80 28 100 28 100 28 100 28 100 A49		01.98- 01.01 01.98- 10.04 01.98- 10.04	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
	[OM906.915]					01.98- 10.04	115514	24 4.0 A49
	(Atego 2)[OM902.916]	10.04- 10.04-	113351 115497	28 100 28 100 A49		10.04- 10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
	[OM906.910]	10.04- 10.04-	113351 115497	28 100 28 100 A49		10.04- 10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
	[OM906.915]	10.04- 10.04-	113351 115497	28 100 28 100 A49		10.04- 10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
1524 6.0	(LK/LN2)[OM356.999]	02.91- 02.91- 02.91- 02.01	110895 112159 113920	28 55 28 80 28 35		02.91- 02.91- 02.01	110524 113979	24 4.0 24 4.0
	[OM357.941]	02.91- 02.91- 02.91- 12.98	110895 112159 113920	28 55 28 80 28 35		02.91- 12.98 02.91-	113979 110524	24 4.0 24 4.0
	[OM357.947]	02.91- 02.91- 02.91- 12.98	110895 112159 113920	28 55 28 80 28 35		02.91- 02.91- 12.98	110524 113979	24 4.0 24 4.0
	[OM366.999]	02.91- 02.91- 02.01 02.91- 02.91- 02.01	110895 111628 112159 113920	28 55 28 80 28 80 28 35		02.91- 02.91- 02.01	110524 113979	24 4.0 24 4.0
1524 6.4	(Atego 2)[OM902.916]	10.04- 10.04-	113351 115497	28 100 28 100 A49		10.04- 10.04- 10.04-	115514 114523 111982	24 4.0 A49 24 4.0 24 4.0
	[OM906.910]	10.04- 10.04-	113351 115497	28 100 28 100 A49		10.04- 10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
	[OM906.915]	10.04- 10.04-	113351 115497	28 100 28 100 A49		10.04- 10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
1524 7.2	(Atego 2)[OM925.920]	10.04- 10.04-	113351 115497	28 100 28 100 A49				
1525 6.4	(Atego)[OM906.919]	01.98- 09.04 01.98- 01.01 01.98- 01.01	111141 112561 113448	14 55 28 80 28 100		01.98- 10.04 01.98- 01.01 01.98- 10.04	115514 111982 114523	24 4.0 A49 24 4.0 24 4.0
1526 6.4	(Atego 2)[OM902.917]	10.04- 10.04-	113351 115497	28 100 28 100 A49		10.04- 10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
1526 7.2	(Atego 2)[OM925.920]	10.04- 10.04-	113351 115497	28 100 28 100 A49				
1528 6.4	(Atego)[OM906.911]	01.98- 09.04 01.98- 09.04 01.98- 09.04 01.98- 09.04	112561 113351 113448 115497	28 80 28 100 28 100 28 100 A49		01.98- 10.04 01.98- 10.04 01.98- 09.04	114523 115514 111982	24 4.0 24 4.0 A49 24 4.0
	[OM906.916]	01.98- 09.04 01.98- 09.04 01.98- 09.04 01.98- 09.04	112561 113351 113448 115497	28 80 28 100 28 100 28 100 A49		01.98- 09.04 01.98- 09.04 01.98- 10.04	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
	(Atego 2)[OM902.918]	10.04-	115497	28 100 A49		10.04- 10.04-	114523 115514	24 4.0 24 4.0 A49
	[OM906.911]	10.04-	115497	28 100 A49		10.04- 10.04-	114523 115514	24 4.0 24 4.0 A49
	[OM906.916]	10.04-	115497	28 100 A49		10.04- 10.04-	114523 115514	24 4.0 24 4.0 A49
1529 6.4	(Atego 2)[OM902.918]	10.04- 10.04-	113351 115497	28 100 28 100 A49		02.06- 10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
	[OM906.911]	10.04-	115497	28 100 A49		10.04- 10.04-	114523 115514	24 4.0 24 4.0 A49
	[OM906.916]	10.04-	115497	28 100 A49		10.04- 10.04-	114523 115514	24 4.0 24 4.0 A49
1529 7.2	(Atego 2)[OM925.920]	10.04- 10.04-	113351 115497	28 100 28 100 A49				
1613 5.7	(NG)[OM353.944] [OM353.946]	01.75- 12.84 01.75- 12.84	111141 111141	14 55 14 55		01.75- 12.84 01.75- 12.84	110525 110525	12 3.0 12 3.0
1614 6.0	(NG)[OM366.906] [OM366.909]	04.84- 10.86 04.84- 03.91 11.86- 03.91 10.88- 03.91 04.84- 03.91	110113 110895 110906 112159 113920	28 27 28 55 28 30 28 80 28 35		04.84- 03.91 04.84- 03.91	110524 110524	24 4.0 24 4.0
1617 5.7	(NG)[OM353.951]	01.75- 07.85	111141	14 55		01.75- 07.85	110525	12 3.0

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



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	[OM353.953]	01.75- 07.85	111141	14 55	01.75- 07.85	110525	12 3.0
	[OM353.971]	01.75- 07.85	111141	14 55	01.75- 07.85	110525	12 3.0
1617 6.0	(NG)[OM366.951]	04.84- 10.86	110113	28 27	04.84- 03.91	110524	24 4.0
		04.84- 03.91	113920	28 35			
		11.86- 03.91	110895	28 55			
		11.86- 03.91	110906	28 30			
		10.88- 03.91	112159	28 80			
	[OM366.952]	04.84- 10.86	110113	28 27	04.84- 03.91	110524	24 4.0
		11.86- 03.91	110895	28 55			
		11.86- 03.91	110906	28 30			
1619 5.7	(NG)[OM362.906]	06.83- 06.85	110113	28 27	06.83- 06.85	110524	24 4.0
	[OM362.909]	06.83- 06.85	110113	28 27	06.83- 06.85	110524	24 4.0
1619 9.6	(NG)[OM401.905]	11.74- 10.86	110113	28 27	03.77- 05.87	110206	24 5.4
		04.81- 01.87	110751	14 35	08.73- 09.96	113855	24 5.4
		04.81- 05.87	111141	14 55	08.73- 09.96	112120	24 6.6
		11.86- 05.87	110906	28 30	11.74- 02.77	110210	24 6.6
	[OM401.914]	11.74- 10.86	110113	28 27	08.73- 09.96	113855	24 5.4
		04.81- 01.87	110751	14 35	03.77- 05.87	110206	24 5.4
		04.81- 05.87	111141	14 55	08.73- 09.96	112120	24 6.6
		11.86- 05.87	110906	28 30	11.74- 02.77	110210	24 6.6
1620 6.0	(NG)[OM366.983]	07.85- 10.86	110113	28 27	07.85- 03.91	110524	24 4.0
		11.86- 03.91	110895	28 55			
		11.86- 03.91	110906	28 30			
		10.88- 03.91	112159	28 80			
1622 10.9	(NG)[OM421.905]	05.82- 10.86	110113	28 27	05.82- 03.91	110210	24 6.6
		11.86- 03.91	110895	28 55	05.82- 03.91	110206	24 5.4
		11.86- 03.91	110906	28 30	08.73- 09.96	113855	24 5.4
	[OM441.906]	05.82- 10.86	110113	28 27	08.73- 09.96	113855	24 5.4
		11.86- 03.91	110895	28 55	05.82- 03.91	110206	24 5.4
		11.86- 03.91	110906	28 30	05.82- 03.91	110210	24 6.6
	[OM441.907]	05.82- 10.86	110113	28 27	05.82- 03.91	110210	24 6.6
		11.86- 03.91	110895	28 55	05.82- 03.91	110206	24 5.4
		11.86- 03.91	110906	28 30	08.73- 09.96	113855	24 5.4
1624 11.0	(MK)[OM445.924]	12.87- 09.96	113920	28 35	12.87- 09.96	110206	24 5.4
1624 12.8	(NG)[OM402.910]	07.75- 10.79	110113	28 27	07.75- 02.77	110210	24 6.6
		11.79- 08.82	111141	14 55	03.77- 08.82	110206	24 5.4
					07.75- 08.82	112120	24 6.6
					07.75- 08.82	113855	24 5.4
	[OM402.911]	11.79- 12.82	111141	14 55	03.77- 12.82	110206	24 5.4
					05.75- 02.77	110210	24 6.6
					08.73- 09.96	112120	24 6.6
					08.73- 09.96	113855	24 5.4
	[OM402.923]	05.75- 12.82	111141	14 55	03.77- 12.82	110206	24 5.4
					05.75- 02.77	110210	24 6.6
					08.73- 09.96	112120	24 6.6
					08.73- 09.96	113855	24 5.4
1624 9.6	(MK)[OM401.975]	12.87- 09.96	113920	28 35	12.87- 09.96	110206	24 5.4
1625 14.6	(NG)[OM422.909]	05.80- 10.86	110113	28 27	08.73- 09.96	112120	24 6.6
		11.86- 11.89	110895	28 55	05.80- 11.89	110210	24 6.6
		11.86- 11.89	110906	28 30	05.80- 11.89	110206	24 5.4
		10.88- 10.89	112159	28 80	05.80- 11.89	113855	24 5.4
1626 12.8	(NG)[OM402.906]	08.73- 12.80	110113	28 27	08.73- 02.77	110210	24 6.6
					03.77- 12.80	110206	24 5.4
					08.73- 09.96	112120	24 6.6
					08.73- 09.96	113855	24 5.4
	[OM402.912]	05.74- 12.80	110113	28 27	05.74- 02.77	110210	24 6.6
					03.77- 12.80	110206	24 5.4
					08.73- 09.96	112120	24 6.6
					08.73- 09.96	113855	24 5.4
	[OM402.916]	05.74- 12.80	110113	28 27	05.74- 02.77	110210	24 6.6
					03.77- 12.80	110206	24 5.4
					08.73- 09.96	112120	24 6.6
					08.73- 09.96	113855	24 5.4
1627 15.1	(MK)[OM442.914]	01.92- 09.96	113920	28 35	01.92- 09.96	110206	24 5.4
	[OM442.920]				01.92- 09.96	110206	24 5.4
	[OM442.932]	01.92- 09.96	113920	28 35	01.92- 08.94	110206	24 5.4
	[OM442.933]				02.90- 09.93	110206	24 5.4
1628 14.6	(NG)[OM422.905]	01.80- 10.86	110113	28 27	01.80- 05.89	110206	24 5.4
		06.85- 05.89	113920	28 35	01.80- 05.89	110210	24 6.6
		11.86- 05.89	110895	28 55	08.73- 09.96	112120	24 6.6
		11.86- 05.89	110906	28 30	08.73- 09.96	113855	24 5.4
		10.88- 05.89	112159	28 80			
	[OM422.906]	01.80- 10.86	110113	28 27	01.80- 05.89	110210	24 6.6
		06.85- 05.89	113920	28 35	01.80- 05.89	110206	24 5.4
		11.86- 05.89	110895	28 55	08.73- 09.96	112120	24 6.6
		11.86- 05.89	110906	28 30	08.73- 09.96	113855	24 5.4
		10.88- 05.89	112159	28 80			
	[OM422.911]	01.80- 10.86	110113	28 27	01.80- 05.89	110206	24 5.4
		06.85- 05.89	113920	28 35	01.80- 05.89	110210	24 6.6
		11.86- 05.89	110895	28 55	08.73- 09.96	112120	24 6.6
		11.86- 05.89	110906	28 30	08.73- 09.96	113855	24 5.4
		10.88- 05.89	112159	28 80			
	[OM422.913]	01.80- 10.86	110113	28 27	01.80- 05.89	110206	24 5.4
		11.86- 05.89	110895	28 55	05.83- 05.89	110210	24 6.6
		11.86- 05.89	110906	28 30	08.73- 09.96	112120	24 6.6
					08.73- 09.96	113855	24 5.4
1632 15.9	(NG)[OM403.916]	03.78- 09.83	110113	28 27	08.73- 09.83	110210	24 6.6
					08.73- 09.96	112120	24 6.6
					08.73- 09.96	113855	24 5.4



	[OM403.931]	05.74- 09.83	110113	28 27		05.74- 09.83	110210	24 6.6
						08.73- 09.96	112120	24 6.6
						08.73- 09.96	113855	24 5.4
	[OM403.932]	05.74- 09.83	110113	28 27		05.74- 09.83	110210	24 6.6
						08.73- 09.96	112120	24 6.6
						08.73- 09.96	113855	24 5.4
1633 14.6	(NG)[OM422.952]	10.80- 10.86	110113	28 27		08.73- 09.96	112120	24 6.6
		11.86- 05.87	110895	28 55		10.80- 05.87	110210	24 6.6
		11.86- 05.87	110906	28 30		08.73- 09.96	113855	24 5.4
	[OM422.954]	10.80- 10.86	110113	28 27		08.73- 09.96	112120	24 6.6
		11.86- 05.87	110895	28 55		10.80- 05.87	110210	24 6.6
		11.86- 05.87	110906	28 30		08.73- 09.96	113855	24 5.4
	[OM422.956]	10.80- 10.86	110113	28 27		08.73- 09.96	113855	24 5.4
		11.86- 05.87	110895	28 55		08.73- 09.96	112120	24 6.6
		11.86- 05.87	110906	28 30		10.80- 05.87	110210	24 6.6
	[OM422.957]	10.80- 10.86	110113	28 27		10.80- 05.87	110210	24 6.6
		11.86- 05.87	110895	28 55		08.73- 09.96	112120	24 6.6
		11.86- 05.87	110906	28 30		08.73- 09.96	113855	24 5.4
	[OM422.958]	10.80- 10.86	110113	28 27		08.73- 09.96	112120	24 6.6
		11.86- 05.87	110895	28 55		10.80- 05.87	110210	24 6.6
		11.86- 05.87	110906	28 30		08.73- 09.96	113855	24 5.4
1635 14.6	(NG)[OM442.950]	02.86- 10.86	110113	28 27		02.86- 07.89	110206	24 5.4
		11.86- 07.89	110895	28 55		08.73- 09.96	113855	24 5.4
		11.86- 07.89	110906	28 30				
		10.88- 07.89	112159	28 80				
	[OM442.952]	02.86- 10.86	110113	28 27		02.86- 07.89	110206	24 5.4
		11.86- 07.89	110895	28 55		08.73- 09.96	113855	24 5.4
		11.86- 07.89	110906	28 30				
		10.88- 07.89	112159	28 80				
1636 18.3	(NG)[OM423.905]	12.83- 10.86	110113	28 27		08.73- 09.96	112120	24 6.6
		11.86- 03.91	110895	28 55		12.83- 03.91	110210	24 6.6
		11.86- 03.91	110906	28 30		08.73- 09.96	113855	24 5.4
	[OM423.908]	12.83- 10.86	110113	28 27		08.73- 09.96	112120	24 6.6
		11.86- 03.91	110895	28 55		12.83- 03.91	110210	24 6.6
		11.86- 03.91	110906	28 30		08.73- 09.96	113855	24 5.4
1638 14.6	(NG)[OM422.953]	11.80- 10.86	110113	28 27		11.80- 12.86	110210	24 6.6
		11.86- 12.86	110895	28 55		08.73- 09.96	112120	24 6.6
		11.86- 12.86	110906	28 30		08.73- 09.96	113855	24 5.4
	[OM422.955]	11.80- 10.86	110113	28 27		08.73- 09.96	112120	24 6.6
		11.86- 12.86	110895	28 55		11.80- 12.86	110210	24 6.6
		11.86- 12.86	110906	28 30		08.73- 09.96	113855	24 5.4
	[OM422.959]	11.80- 10.86	110113	28 27		08.73- 09.96	113855	24 5.4
		11.86- 12.86	110895	28 55		11.80- 12.86	110210	24 6.6
		11.86- 12.86	110906	28 30		08.73- 09.96	112120	24 6.6
1644 14.6	(NG)[OM442.951]	06.86- 10.88	110113	28 27		06.86- 08.89	110210	24 6.6
		11.86- 08.89	110895	28 55		08.73- 09.96	113855	24 5.4
		11.86- 08.89	110906	28 30		06.86- 08.89	110206	24 5.4
		10.88- 08.89	112159	28 80				
	[OM442.953]	06.86- 10.86	110113	28 27		06.86- 08.89	110206	24 5.4
		11.86- 08.89	110895	28 55		06.86- 08.89	110210	24 6.6
		11.86- 08.89	110906	28 30		08.73- 09.96	113855	24 5.4
		10.88- 08.89	112159	28 80				
	[OM442.980]	06.86- 10.86	110113	28 27		08.73- 09.96	113855	24 5.4
		11.86- 08.89	110895	28 55		06.86- 08.89	110206	24 5.4
		11.86- 08.89	110906	28 30		06.86- 08.89	110210	24 6.6
		10.88- 08.89	112159	28 80				
1717 6.0	(MK)[OM356.940]	09.89- 08.94	110895	28 55		09.89- 08.94	110524	24 4.0
		09.89- 02.91	110906	28 30				
		09.89- 08.94	112159	28 80				
		03.91- 08.94	113920	28 35				
	[OM366.952]	09.89- 08.94	110895	28 55		09.89- 08.94	110524	24 4.0
		09.89- 02.91	110906	28 30				
		09.89- 08.94	112159	28 80				
		03.91- 08.94	113920	28 35				
1719 9.6	(NG)[OM401.909]	09.73- 08.82	110113	28 27		09.73- 02.77	110210	24 6.6
						03.77- 08.82	110206	24 5.4
						09.73- 08.82	112120	24 6.6
						09.73- 08.82	113855	24 5.4
	[OM401.916]	09.73- 08.82	110113	28 27		09.73- 02.77	110210	24 6.6
						03.77- 08.82	110206	24 5.4
						09.73- 08.82	112120	24 6.6
						09.73- 08.82	113855	24 5.4
1720 11.3	(MK)[OM441.916]	12.88- 08.94	113920	28 35				
	[OM441.920]	12.88- 08.94	113920	28 35				
	[OM441.932]	12.88- 08.94	113920	28 35				
1720 6.0	(LK/LN2)[OM366.995]	01.84- 12.98	110895	28 55		01.84- 12.98	113979	24 4.0
		01.84- 12.98	111833	28 140		01.84- 12.98	110524	24 4.0
		01.84- 12.98	112159	28 80				
		01.84- 12.98	113920	28 35				
	(MK)[OM356.984]	02.90- 08.94	110895	28 55		02.90- 08.94	110524	24 4.0
		02.90- 02.91	110906	28 30				
		02.90- 08.94	112159	28 80				
		03.91- 08.94	113920	28 35				
	[OM356.985]	02.90-	110895	28 55		02.90-	110524	24 4.0
		02.90- 02.91	110906	28 30				
		02.90-	112159	28 80				
		03.91- 09.96	113920	28 35				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



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	[OM366.983]	02.90-	110895	28 55			
		02.90- 02.91	110906	28 30			
		02.90-	112159	28 80			
		03.91- 09.96	113920	28 35			
1722 11.0	(MK)[OM441.905]	08.88- 08.94	113920	28 35	08.88- 08.94	110206	24 5.4
	[OM441.923]	08.88- 08.94	113920	28 35	08.88- 08.94	110206	24 5.4
1722 11.3	(MK)[OM441.905]	12.88- 08.94	110895	28 55	12.88- 08.94	110206	24 5.4
		12.88- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4
		12.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	[OM441.913]	12.88- 08.94	110895	28 55	12.88- 08.94	110206	24 5.4
		12.88- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4
		12.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	[OM441.914]	12.88- 08.94	110895	28 55	12.88- 08.94	110206	24 5.4
		12.88- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4
		12.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	[OM441.916]	12.88- 08.94	110895	28 55	12.88- 08.94	110206	24 5.4
		12.88- 03.91	110906	28 30	12.87- 09.96	113855	24 5.4
		12.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	[OM441.920]	08.88- 08.94	113920	28 35	08.88- 08.94	110206	24 5.4
		12.88- 08.94	110895	28 55	12.87- 09.96	113855	24 5.4
		12.88- 02.91	110906	28 30			
		12.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	[OM441.923]	12.88- 08.94	110895	28 55	12.88- 08.94	110206	24 5.4
		12.88- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4
		12.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	[OM441.926]	12.88- 08.94	110895	28 55	12.88- 08.94	110206	24 5.4
		12.88- 02.91	110906	28 30	12.88- 08.94	113855	24 5.4
		12.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	[OM441.932]	12.88- 08.94	110895	28 55	12.88- 08.94	110206	24 5.4
		12.88- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4
		12.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	[OM441.933]	12.88- 08.94	110895	28 55	12.88- 08.94	110206	24 5.4
		12.88- 02.91	110906	28 30	12.88- 08.94	113855	24 5.4
		12.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
1722 15.1	(MK)[OM442.907]	12.88- 08.94	110895	28 55	12.88- 08.94	113855	24 5.4
		12.88- 02.91	110906	28 30	12.88- 08.94	110206	24 5.4
		12.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
1722 6.0	(MK)[OM356.999]	12.88- 08.94	110895	28 55	12.88- 08.94	110524	24 4.0
		12.88- 02.91	110906	28 30			
		12.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	[OM366.983]	12.88- 08.94	110895	28 55	12.88- 08.94	110524	24 4.0
		12.88- 02.91	110906	28 30			
		12.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
1722 9.6	(MK)[OM401.973]	12.88- 08.94	110895	28 55	12.88- 08.94	110206	24 5.4
		12.88- 02.91	110906	28 30	12.88- 08.94	113855	24 5.4
		12.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	[OM401.978]	12.88- 08.94	110895	28 55	12.88- 08.94	113855	24 5.4
		12.88- 02.91	110906	28 30	12.88- 08.94	110206	24 5.4
		12.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	[OM401.979]	12.88- 08.94	110895	28 55	12.88- 08.94	110206	24 5.4
		12.88- 02.91	110906	28 30	12.88- 08.94	113855	24 5.4
		12.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
1724 6.0	(LK/LN2)[OM366.999]	11.86- 12.98	110895	28 55	01.84- 12.98	110524	24 4.0
		11.86- 02.91	110906	28 30	02.92- 12.98	113979	24 4.0
		01.91- 02.01	111628				
		03.91- 12.98	113920	28 35			
1726 11.0	(MK)[OM441.960]	12.88- 08.94	110895	28 55	12.88- 08.94	110206	24 5.4
		12.88- 02.91	110906	28 30	12.88- 08.94	113855	24 5.4
		12.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
1726 15.1	(MK)[OM440.909]	12.88- 08.94	110895	28 55	12.88- 08.94	110206	24 5.4
		12.88- 02.91	110906	28 30	12.88- 08.94	113855	24 5.4
		12.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	[OM442.906]	12.88- 08.94	110895	28 55	12.88- 08.94	110206	24 5.4
		12.88- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4
		12.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	[OM442.907]	12.88- 08.94	110895	28 55	12.87- 09.96	113855	24 5.4
		12.88- 02.91	110906	28 30	12.88- 08.94	110206	24 5.4
		12.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



	[OM442.909]	12.88- 08.94	110895	28 55	12.88- 08.94	110206	24 5.4
		12.88- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4
		12.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	[OM442.914]	12.88- 08.94	110895	28 55	12.87- 09.96	113855	24 5.4
		12.88- 02.91	110906	28 30	12.88- 08.94	110206	24 5.4
		12.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	[OM442.922]	12.88- 08.94	110895	28 55	12.87- 09.96	113855	24 5.4
		12.88- 02.91	110906	28 30	12.88- 08.94	110206	24 5.4
		12.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	[OM442.923]	12.88- 08.94	110895	28 55	12.88- 08.94	110206	24 5.4
		12.88- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4
		12.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	[OM442.932]	12.88- 08.94	110895	28 55	12.88- 08.94	110206	24 5.4
		12.88- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4
		12.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	[OM442.935]	06.89- 08.94	110895	28 55	06.89- 08.94	110206	24 5.4
		06.89- 02.91	110906	28 30	06.89- 08.94	113855	24 5.4
		06.89- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
1726 9.6	(MK)[OM401.973]	12.87- 09.96	113920	28 35			
	[OM401.978]	12.87- 09.96	113920	28 35			
1727 9.6	(MK)[OM401.973]	12.88- 08.94	110895	28 55	12.88- 08.94	113855	24 5.4
		12.88- 02.91	110906	28 30	12.88- 08.94	110206	24 5.4
		12.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	[OM401.978]	12.88- 08.94	110895	28 55	12.88- 08.94	110206	24 5.4
		12.88- 02.91	110906	28 30	12.88- 08.94	113855	24 5.4
		12.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
1728 15.1	(SK)[OM442.906]	07.88- 08.94	110895	28 55	07.88- 08.94	110206	24 5.4
		07.88- 02.91	110906	28 30	07.87- 09.96	113855	24 5.4
		07.88- 08.94	112159	28 80			
		02.91- 08.94	113920	28 35			
	[OM442.907]	07.88- 08.94	110895	28 55	07.88- 08.94	110206	24 5.4
		07.88- 02.91	110906	28 30	07.87- 09.96	113855	24 5.4
		07.88- 08.94	112159	28 80			
		02.91- 08.94	113920	28 35			
	[OM442.908]	07.88- 08.94	110895	28 55	07.88- 08.94	110206	24 5.4
		07.88- 02.91	110906	28 30	07.87- 09.96	113855	24 5.4
		07.88- 08.94	112159	28 80			
		02.91- 08.94	113920	28 35			
	[OM442.923]	07.88- 08.94	110895	28 55	07.88- 08.94	110206	24 5.4
		07.88- 02.91	110906	28 30	07.87- 09.96	113855	24 5.4
		07.88- 08.94	112159	28 80			
		02.91- 08.94	113920	28 35			
	[OM442.925]	07.88- 08.94	110895	28 55	07.87- 09.96	113855	24 5.4
		07.88- 02.91	110906	28 30			
		07.88- 08.94	112159	28 80			
		02.91- 08.94	113920	28 35			
1729 15.1	(MK)[OM442.906]	12.87- 08.94	110895	28 55	12.87- 08.94	110206	24 5.4
		12.87- 08.94	113920	28 35			
	[OM442.907]	12.87- 08.94	110895	28 55	12.87- 09.96	110206	24 5.4
		12.87- 09.96	113920	28 35			
	[OM442.923]	12.87- 08.94	113920	28 35	12.87- 08.94	110206	24 5.4
	(SK)[OM442.906]	07.88- 08.94	110895	28 55	07.87- 09.96	113855	24 5.4
		07.88- 02.91	110906	28 30	07.88- 08.94	110206	24 5.4
		07.88- 08.94	112159	28 80			
		02.91- 08.94	113920	28 35			
	[OM442.907]	07.88- 08.94	110895	28 55	07.88- 08.94	110206	24 5.4
		07.88- 02.91	110906	28 30	07.87- 09.96	113855	24 5.4
		07.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	[OM442.908]	07.88- 08.94	110895	28 55	07.88- 08.94	110206	24 5.4
		07.88- 02.91	110906	28 30	07.87- 09.96	113855	24 5.4
		07.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	[OM442.923]	07.88- 08.94	110895	28 55	07.88- 08.94	110206	24 5.4
		07.88- 02.91	110906	28 30	07.87- 09.96	113855	24 5.4
		07.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	[OM442.925]	07.88- 08.94	110895	28 55	07.88- 08.94	110206	24 5.4
		07.88- 02.91	110906	28 30	07.87- 09.96	113855	24 5.4
		07.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	[OM442.926]	07.88- 09.93	110895	28 55	07.88- 09.93	110206	24 5.4
		07.88- 02.91	110906	28 30	07.88- 09.93	113855	24 5.4
		07.88- 09.93	112159	28 80			
		03.91- 09.93	113920	28 35			
1733 11.0	(MK)[OM441.960]	01.89- 07.92	110895	28 55	01.89- 07.92	110206	24 5.4
		01.89- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4
		01.89- 07.92	112159	28 80			
		03.91- 07.92	113920	28 35			





MERCEDES-BENZ Continued

Application list

	[OM441.962]	01.89- 07.92	110895	28 55	01.89- 07.92	110206	24 5.4
		01.89- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4
		01.89- 07.92	112159	28 80			
		03.91- 07.92	113920	28 35			
	[OM441.981]	01.89- 07.92	110895	28 55	01.89- 07.92	110206	24 5.4
		01.89- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4
		01.89- 07.92	112159	28 80			
		03.91- 07.92	113920	28 35			
	[OM441.983]	01.89- 07.92	110895	28 55	01.89- 07.92	110206	24 5.4
		01.89- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4
		01.89- 07.92	112159	28 80			
		03.91- 07.92	113920	28 35			
	[OM441.986]	03.91- 07.92	113920	28 35	01.89- 07.92	110206	24 5.4
					12.87- 09.96	113855	24 5.4
	[OM441.989]	03.91- 07.92	113920	28 35	01.89- 07.92	110206	24 5.4
					12.87- 09.96	113855	24 5.4
	[OM445.920]	03.91- 07.92	113920	28 35	01.89- 07.92	110206	24 5.4
					12.87- 09.96	113855	24 5.4
	[OM445.939]	03.91- 07.92	113920	28 35	01.89- 07.92	110206	24 5.4
					12.87- 09.96	113855	24 5.4
1734 11.0	(MK)[OM441.960]	03.91- 07.92	113920	28 35	01.89- 07.92	110206	24 5.4
					12.87- 09.96	113855	24 5.4
	[OM441.962]	03.91- 07.92	113920	28 35	01.89- 07.92	110206	24 5.4
					12.87- 09.96	113855	24 5.4
	[OM441.981]	03.91- 07.92	113920	28 35	01.89- 07.92	110206	24 5.4
					12.87- 09.96	113855	24 5.4
	[OM441.983]	03.91- 07.92	113920	28 35	01.89- 07.92	110206	24 5.4
					12.87- 09.96	113855	24 5.4
	[OM441.986]	03.91- 07.92	113920	28 35	01.89- 07.92	110206	24 5.4
					12.87- 09.96	113855	24 5.4
	[OM441.989]	03.91- 07.92	113920	28 35	01.89- 07.92	110206	24 5.4
					12.87- 09.96	113855	24 5.4
	[OM445.920]	03.91- 07.92	113920	28 35	01.89- 07.92	110206	24 5.4
					12.87- 09.96	113855	24 5.4
	[OM445.939]	03.91- 07.92	113920	28 35	01.89- 07.92	110206	24 5.4
					12.87- 09.96	113855	24 5.4
1735 14.7	(SK)[OM440.940]	07.88- 08.94	110895	28 55	07.88- 08.94	110206	24 5.4
		07.88- 02.91	110906	28 30	07.88- 08.94	113855	24 5.4
		07.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	[OM442.906]	07.88- 08.94	110895	28 55	07.88- 08.94	110206	24 5.4
		07.88- 02.91	110906	28 30	07.88- 08.94	113855	24 5.4
		07.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	[OM442.942]	08.89- 08.94	110895	28 55	08.89- 08.94	110206	24 5.4
		08.89- 02.91	110906	28 30	08.89- 08.94	113855	24 5.4
		08.89- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	[OM442.944]	07.88- 08.94	110895	28 55	07.88- 08.94	110206	24 5.4
		07.88- 02.91	110906	28 30	07.87- 09.96	113855	24 5.4
		07.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	[OM442.963]	07.88- 08.94	110895	28 55	07.88- 08.94	110206	24 5.4
		07.88- 02.91	110906	28 30	07.87- 09.96	113855	24 5.4
		07.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	[OM442.964]	07.88- 08.94	110895	28 55	07.88- 08.94	110206	24 5.4
		07.88- 02.91	110906	28 30	07.87- 09.96	113855	24 5.4
		07.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	[OM442.966]	08.89- 08.94	110895	28 55	08.89- 08.94	110206	24 5.4
		08.89- 02.91	110906	28 30	08.89- 08.94	113855	24 5.4
		08.89- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	[OM442.976]	07.88- 08.94	110895	28 55	07.88- 08.94	110206	24 5.4
		07.88- 02.91	110906	28 30	07.87- 09.96	113855	24 5.4
		07.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
1748 14.7	(SK)[OM442.985]	07.88- 07.92	110895	28 55	07.88- 07.92	110206	24 5.4
		07.88- 02.91	110906	28 30	07.87- 09.96	113855	24 5.4
		07.88- 07.92	112159	28 80			
		03.91- 07.92	113920	28 35			
	[OM442.989]	07.88- 07.92	110895	28 55	07.88- 07.92	110206	24 5.4
		07.88- 02.91	110906	28 30	07.87- 09.96	113855	24 5.4
		07.88- 07.92	112159	28 80			
		03.91- 07.92	113920	28 35			
1820 6.0	(MK)[OM356.984]	01.91-	110895	28 55	01.91- 02.01	113979	24 4.0
		01.91- 02.91	110906	28 30	01.91-	110524	24 4.0
		01.91-	112159	28 80			
		03.91- 02.01	113920	28 35			
	[OM356.987]	01.91- 01.01	110895	28 55	01.91- 01.01	110524	24 4.0
		01.91- 02.91	110906	28 30	05.92- 09.96	113979	24 4.0
		01.91- 01.01	112159	28 80			
		05.92- 09.96	113920	28 35			
	[OM357.925]	01.91- 01.01	110895	28 55	01.91- 01.01	110524	24 4.0
		01.91- 02.91	110906	28 30	01.94- 09.96	113979	24 4.0
		01.91- 01.01	112159	28 80			
		01.94- 09.96	113920	28 35			



1823 6.4	(Atego)[OM906.920]	01.98- 01.01	112561	28 80	01.98- 01.01	111982	24 4.0
		01.98- 01.01	113448	28 100	01.98- 09.04	114523	24 4.0
		01.98- 09.04	115497	28 100 A49	01.98- 09.04	115514	24 4.0 A49
	[OM906.922]	05.98- 01.01	112561	28 80	05.98- 01.01	111982	24 4.0
		05.98- 01.01	113448	28 100	05.98- 09.04	114523	24 4.0
					05.98- 09.04	115514	24 4.0 A49
	(Axor)[OM906.920]	01.02-	113351	28 100	01.02- 10.04	114523	24 4.0
		01.02-	113448	28 100	01.02-	111982	24 4.0
		01.02- 10.04	115497	28 100 A49	01.02- 10.04	115514	24 4.0 A49
	(Axor 2)[OM906.920]				10.04-	111982	24 4.0
				10.04-	114523	24 4.0	
				10.04-	115514	24 4.0 A49	
(Econic)[OM906.940]	03.98- 01.01	112561	28 80	03.98- 01.01	111982	24 4.0	
	03.98- 01.01	113448	28 100	03.98-	114523	24 4.0	
	03.98-	115497	28 100 A49	03.98- 03.01	115514	24 4.0 A49	
1824 11.0	(MK)[OM445.924]	01.94-	110895	28 55	01.94-	110206	24 5.4
		01.94-	112159	28 80	01.94- 09.96	113855	24 5.4
	[OM445.925]	01.94-	110895	28 55	01.94-	110206	24 5.4
		01.94-	112159	28 80	01.94- 09.96	113855	24 5.4
	[OM445.926]	01.94-	110895	28 55	01.94-	110206	24 5.4
		01.94-	112159	28 80			
	[OM445.930]	01.94-	110895	28 55	01.94-	110206	24 5.4
		01.94-	112159	28 80	01.94- 09.96	113855	24 5.4
	[OM445.933]	01.94-	110895	28 55	01.94-	110206	24 5.4
		01.94-	112159	28 80			
[OM445.938]	01.94-	110895	28 55	01.94-	110206	24 5.4	
	01.94-	112159	28 80	01.94- 09.96	113855	24 5.4	
1824 15.1	(MK)[OM442.907]	12.88- 08.94	113920	28 35			
1824 6.0	(MK)[OM356.999]	08.92- 09.96	113920	28 35	08.92-	110210	24 6.6
					08.92- 09.96	113979	24 4.0
1824 6.4	(Axor)[OM902.913]	09.06-	115497	28 100 A49	10.04-	114523	24 4.0
					09.06-	115514	24 4.0 A49
	(Axor 2)[OM902.913]				10.04-	111982	24 4.0
				10.04-	114523	24 4.0	
				10.04-	115514	24 4.0 A49	
1824 9.6	(MK)[OM401.975]	08.92- 09.96	110895	28 55	08.92- 09.96	110206	24 5.4
		08.92-	112159	28 80	08.92- 09.96	113855	24 5.4
		08.92- 09.96	113920	28 35	08.92-	110210	24 6.6
	[OM401.984]	08.92-	110895	28 55	08.92-	110206	24 5.4
		08.92-	112159	28 80	08.92- 09.96	113855	24 5.4
		08.92- 09.96	113920	28 35	08.92-	110210	24 6.6
	[OM445.924]	08.92-	110895	28 55	08.92-	110206	24 5.4
		08.92-	112159	28 80	12.87- 09.96	113855	24 5.4
		01.94- 09.96	113920	28 35			
	[OM445.938]	08.92-	110895	28 55	08.92-	110206	24 5.4
		08.92-	110906	28 30	12.87- 09.96	113855	24 5.4
		08.92-	112159	28 80			
	[OM445.941]	08.92-	110895	28 55	08.92-	110206	24 5.4
	08.92-	112159	28 80	12.87- 09.96	113855	24 5.4	
	01.94- 09.96	113920	28 35				
1826 6.4	(Axor)[OM902.914]	09.06-	115497	28 100 A49	10.04-	114523	24 4.0
					09.06-	115514	24 4.0 A49
1827 11.0	(MK)[OM445.926]	01.94-	110895	28 55	01.94-	110206	24 5.4
		01.94-	112159	28 80	12.87- 09.96	113855	24 5.4
	[OM445.933]	08.92- 09.96	112159	28 80	08.92- 09.96	110206	24 5.4
	[OM445.936]	01.94-	110895	28 55	01.94-	110206	24 5.4
	01.94-	112159	28 80	12.87- 09.96	113855	24 5.4	
1827 9.6	(MK)[OM401.973]	12.90-	110895	28 55	12.90- 09.96	110206	24 5.4
		12.90- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4
		12.90-	112159	28 80			
		02.91- 02.01	113920	28 35			
	[OM401.977]	12.90-	110895	28 55	12.90-	110206	24 5.4
		12.90- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4
		12.90-	112159	28 80			
		03.91- 02.01	113920	28 35			
	[OM401.989]	08.92- 09.96	113920	28 35	08.92- 09.96	110206	24 5.4
	[OM401.991]	12.90-	110895	28 55	12.90-	110206	24 5.4
	12.90- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4	
	12.90-	112159	28 80				
	02.91- 02.01	113920	28 35				
1828 6.4	(Atego)[OM906.921]	05.98- 09.04	112561	28 80	05.98- 01.01	111982	24 4.0
		05.98- 09.04	113448	28 100	05.98- 09.04	114523	24 4.0
		05.98- 09.04	115497	28 100 A49	05.98- 09.04	115514	24 4.0 A49
	[OM906.923]	05.98- 01.01	112561	28 80	05.98- 09.04	114523	24 4.0
		05.98- 01.01	113448	28 100	05.98- 01.01	111982	24 4.0
					05.98- 09.04	115514	24 4.0 A49
	(Axor)[OM902.915]	10.04-	115497	28 100 A49	10.04-	114523	24 4.0
					10.04-	115514	24 4.0 A49
	[OM902.932]	10.04-	115497	28 100 A49	10.04-	114523	24 4.0
					10.04-	115514	24 4.0 A49
	[OM906.921]	01.02- 08.06	112561	28 80	10.04-	114523	24 4.0
		01.02- 08.06	113448	28 100	01.02- 08.06	115514	24 4.0 A49
		01.02- 08.06	115497	28 100 A49			
	[OM906.923]	10.04-	115497	28 100 A49	10.04-	114523	24 4.0
					10.04-	115514	24 4.0 A49
[OM906.926]	09.00-	112561	28 80	10.04-	115514	24 4.0 A49	
	10.04-	115497	28 100 A49	10.04-	114523	24 4.0	
[OM906.928]	10.04-	115497	28 100 A49	10.04-	114523	24 4.0	
				10.04-	115514	24 4.0 A49	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





MERCEDES-BENZ Continued

Application list

	(Econic)[OM906.941]	03.98- 01.01 03.98- 01.01	112561 113448	28 80 28 100		03.98- 03.98- 01.01 03.98- 03.01	114523 111982 115514	24 4.0 24 4.0 24 4.0	A49
1828 6.9	(Econic)[M906.900]	10.00- 10.00- 10.00- 10.00-	112561 113351 113448 115497	28 80 28 100 28 100 28 100 A49		10.00- 10.00- 10.00-	114523 115514 111982	24 4.0 24 4.0 24 4.0	A49
1828 7.2	(Econic)[M902.900] [M902.903]					09.06- 09.06-	115514 115514	24 4.0 24 4.0	A49 A49
1829 6.4	(Axor)[OM902.915]	10.04-	115497	28 100 A49		10.04- 10.04-	114523 115514	24 4.0 24 4.0	A49 A49
	[OM902.932]	10.04-	115497	28 100 A49		10.04- 10.04-	114523 115514	24 4.0 24 4.0	A49 A49
	[OM906.921]	01.02- 08.06	115497	28 100 A49		10.04- 01.02- 08.06	114523 115514	24 4.0 24 4.0	A49 A49
	[OM906.923]	10.04-	115497	28 100 A49		10.04- 10.04-	114523 115514	24 4.0 24 4.0	A49 A49
	[OM906.926]	10.04-	115497	28 100 A49		10.04- 10.04-	114523 115514	24 4.0 24 4.0	A49 A49
	[OM906.928]	10.04-	115497	28 100 A49		10.04- 10.04-	114523 115514	24 4.0 24 4.0	A49 A49
	(Axor 2)[OM902.915]					10.04- 10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0	A49
1831 11.0	(MK)[OM445.929]	01.94- 01.94-	110895 112159	28 55 28 80		01.94- 12.87- 09.96	110206 113855	24 5.4 24 5.4	
	[OM445.937]	01.94- 01.94-	110895 112159	28 55 28 80		01.94- 12.87- 09.96	110206 113855	24 5.4 24 5.4	
	(SK)[OM441.986]	07.92- 07.92- 07.92- 09.96	110895 112159 113920	28 55 28 80 28 35		07.92- 09.96 07.92- 07.92-	113855 110206	24 5.4 24 5.4	
	[OM441.993]	07.92- 07.92- 07.92- 09.96	110895 112159 113920	28 55 28 80 28 35		07.92- 07.92- 09.96	110206 113855	24 5.4 24 5.4	
	[OM445.929]	01.94- 01.94- 01.94- 01.94-	110895 112159 113351 113448	28 55 28 80 28 100 28 100		07.87- 09.96 07.92-	113855 110206	24 5.4 24 5.4	
	[OM445.930]	01.94- 01.94-	110895 112159	28 55 28 80		01.94- 09.96 01.94-	113855 110206	24 5.4 24 5.4	
	[OM445.937]	01.94- 01.94-	110895 112159	28 55 28 80		07.92- 07.87- 09.96	110206 113855	24 5.4 24 5.4	
1831 11.9	(Actros)[OM541.920]	04.96- 10.02 09.96- 09.96- 09.96- 09.03	115497 112561 113278 113351 113448	28 100 A49 28 80 28 100 28 100 28 100		04.96- 10.02 04.96- 10.02 04.96- 10.02	113851 111771 113609	24 7.5 24 6.2 24 6.2	
	[OM541.926]	04.97- 04.97- 04.97- 04.97- 04.97- 10.02	112561 113278 113351 113448 115497	28 80 28 100 28 100 28 100 A49		04.97- 10.02 04.97- 10.02 04.97- 10.02	113851 113609 111771	24 7.5 24 6.2 24 6.2	
	[OM541.940]	04.96- 10.02	115497	28 100 A49					
	[OM541.941]	04.97- 10.02	115497	28 100 A49					
1831 12.8	(MK)[OM402.987]	12.88- 08.94	113920	28 35		12.88- 08.94	110206	24 5.4	
1831 9.6	(MK)[OM401.972]	12.90- 12.90- 02.91 12.90- 03.91- 02.01	110895 110906 112159 113920	28 55 28 30 28 80 28 35		12.90- 12.87- 09.96	110206 113855	24 5.4 24 5.4	
	[OM401.979]	12.88- 02.01 12.90- 12.90- 02.91 12.90- 12.90- 02.01 12.90- 02.01	113920 110895 110906 112159 113351 113448	28 35 28 55 28 30 28 80 28 100 28 100		12.88- 08.94 12.87- 09.96	110206 113855	24 5.4 24 5.4	
	[OM401.993]	12.90- 12.90- 02.91 12.90- 03.91- 02.01	110895 110906 112159 113920	28 55 28 30 28 80 28 35		12.87- 09.96 12.90-	113855 110206	24 5.4 24 5.4	
	(SK)[OM401.972]	12.90- 06.96 12.90- 02.01 02.91- 02.01 06.96- 02.01 06.96- 02.01	110895 112159 113920 113351 113448	28 55 28 80 28 35 28 100 28 100		07.92- 07.87- 09.96	110206 113855	24 5.4 24 5.4	
	[OM401.979]	02.91- 02.01 07.92- 07.92-	113920 110895 112159	28 35 28 55 28 80		07.92- 07.87- 09.96	110206 113855	24 5.4 24 5.4	
	[OM401.986]	05.91- 05.91- 05.91- 09.96	110895 112159 113920	28 55 28 80 28 35		05.91- 09.96 05.91-	113855 110206	24 5.4 24 5.4	
	[OM401.993]	02.91- 02.01 07.92- 07.92- 07.92- 02.01 07.92- 02.01	113920 110895 112159 113351 113448	28 35 28 55 28 80 28 100 28 100		07.87- 09.96 07.92-	113855 110206	24 5.4 24 5.4	



1832 11.9	(Actros)[OM541.940]	04.03- 04.03- 04.03- 04.03- 04.03-	112561 113278 113351 113448 115497	28 80 28 100 28 100 28 100 28 100 A49	04.03- 04.03- 04.03-	113851 113609 111771	24 7.5 24 6.2 24 6.2			
	[OM541.970]	04.03-	115497	28 100 A49	04.03- 04.03-	113609 113851	24 6.2 24 7.5			
	[OM541.971]	04.03-	115497	28 100 A49	04.03- 04.03-	113609 113851	24 6.2 24 7.5			
	[OM541.996]	04.03-	115497	28 100 A49						
	[OM541.997]	04.03-	115497	28 100 A49						
	1833 7.2	(Axor)[OM926.913]	10.04- 08.06	115497	28 100 A49	10.04- 10.04- 08.06	114523 115514	24 4.0 24 4.0 A49		
		(Axor 2)[OM926.913]				10.04- 10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49		
(Econic)[OM926.934]		09.06- 10.07-	115497 113351	28 100 A49 28 100	10.07- 09.06- 09.06-	114523 111982 115514	24 4.0 24 4.0 24 4.0 A49			
(Zetros)[OM926.935]		09.08-	115497	28 100 A49	09.08- 09.08-	114523 115514	24 4.0 24 4.0 A49			
[OM926.936]		09.08-	115497	28 100 A49	09.08- 09.08-	114523 115514	24 4.0 24 4.0 A49			
1834 11.0		(MK)[OM441.986]	01.91- 01.91- 02.91 01.91- 03.91- 02.01	110895 110906 112159 113920	28 55 28 30 28 80 28 35	01.91- 12.87- 09.96	110206 113855	24 5.4 24 5.4		
		[OM441.987]	01.91- 01.91- 02.91 01.91- 03.91- 09.96	110895 110906 112159 113920	28 55 28 30 28 80 28 35	12.87- 09.96 01.91-	113855 110206	24 5.4 24 5.4		
	[OM441.989]	01.91- 01.91- 02.91 01.91- 03.91- 02.01	110895 110906 112159 113920	28 55 28 30 28 80 28 35	01.91- 12.87- 09.96	110206 113855	24 5.4 24 5.4			
	[OM441.991]	01.91- 01.91- 02.91 01.91- 03.91- 02.01	110895 110906 112159 113920	28 55 28 30 28 80 28 35	01.91- 12.87- 09.96	110206 113855	24 5.4 24 5.4			
	[OM445.920]	01.91- 01.91- 02.91 01.91- 01.94- 01.01	110895 110906 112159 113920	28 55 28 30 28 80 28 35	01.91- 12.87- 09.96	110206 113855	24 5.4 24 5.4			
	[OM445.921]	01.91- 01.91- 02.91 01.91- 03.94- 09.96	110895 110906 112159 113920	28 55 28 30 28 80 28 35	01.91- 12.87- 09.96	110206 113855	24 5.4 24 5.4			
	[OM445.939]	01.91- 01.91- 02.91 01.91- 01.94- 01.01	110895 110906 112159 113920	28 55 28 30 28 80 28 35	01.91- 12.87- 09.96	110206 113855	24 5.4 24 5.4			
	(SK)[OM441.986]	10.93- 10.93- 10.93- 09.96	110895 112159 113920	28 55 28 80 28 35	07.87- 09.96 10.93-	113855 110206	24 5.4 24 5.4			
	[OM441.989]	07.88- 09.93	113920	28 35						
	[OM441.996]	10.93- 10.93- 10.93- 09.96	110895 112159 113920	28 55 28 80 28 35	10.93- 07.87- 09.96	110206 113855	24 5.4 24 5.4			
	[OM445.920]	10.93- 10.93- 01.94- 09.96	110895 112159 113920	28 55 28 80 28 35	07.87- 09.96 10.93-	113855 110206	24 5.4 24 5.4			
	[OM445.939]	10.93- 10.93- 01.94- 09.96	110895 112159 113920	28 55 28 80 28 35	10.93- 07.87- 09.96	110206 113855	24 5.4 24 5.4			
	1835 11.9	(Actros)[OM541.922]	04.96- 10.02 09.96- 09.96- 09.96- 09.96-	115497 112561 113278 113351 113448	28 100 A49 28 80 28 100 28 100 28 100	04.96- 10.02 04.96- 10.02 04.96- 10.02	111771 113851 113609	24 6.2 24 7.5 24 6.2		
		[OM541.927]	04.97- 04.97- 04.97- 04.97- 04.97- 10.02	112561 113278 113351 113448 115497	28 80 28 100 28 100 28 100 28 100 A49	04.97- 10.02 04.97- 10.02 04.97- 10.02	113609 113851 111771	24 6.2 24 7.5 24 6.2		
		[OM541.942]	04.96- 10.02	115497	28 100 A49					
		[OM541.943]	04.97- 10.02	115497	28 100 A49					
		1835 12.0	(Axor)[OM457.937]	01.02- 01.02- 01.02- 10.04	113278 113351 115497	28 100 28 100 28 100 A49	01.02- 10.04 01.02-	113851 113609	24 7.5 24 6.2	
			1836 11.9	(Actros)[OM541.942]	04.03- 04.03- 04.03- 04.03- 04.03- 04.03-	112561 113278 113351 113448 115497	28 80 28 100 28 100 28 100 28 100 A49	04.03- 04.03- 04.03-	111771 113609 113851	24 6.2 24 6.2 24 7.5
				[OM541.972]	04.03-	115497	28 100 A49			
	[OM541.998]			04.03-	115497	28 100 A49				
	[OM541.999]	04.03-		115497	28 100 A49					
	(Actros MP2 / MP3)[OM541.943]			112561	28 80					



MERCEDES-BENZ Continued

Application list

1836 12.0	(Axor 2)[OM457.937]	10.04-	113351	28 100				
		10.04-	115497	28 100 A49				
	[OM457.948]	10.04-	113351	28 100				
		10.04-	115497	28 100 A49				
	[OM457.980]	10.04-	113351	28 100				
		10.04-	115497	28 100 A49				
1838 12.8	(SK)[OM402.971]	12.90- 08.96	110895	28 55	12.90- 02.01	110206	24 5.4	
		12.90- 02.91	110906	28 30	07.87- 09.96	113855	24 5.4	
		12.90- 02.01	112159	28 80				
		03.91- 02.01	113920	28 35				
	[OM402.972]	12.90-	110895	28 55	12.90- 02.01	110206	24 5.4	
		12.90- 02.91	110906	28 30	07.87- 09.96	113855	24 5.4	
		12.90-	112159	28 80				
		03.91- 02.01	113920	28 35				
	[OM402.975]	12.90- 08.96	110895	28 55	12.90- 02.01	110206	24 5.4	
		12.90- 02.91	110906	28 30	07.87- 09.96	113855	24 5.4	
		12.90-	112159	28 80				
		03.91- 02.01	113920	28 35				
	[OM402.978]	12.92-	110895	28 55	12.92- 09.96	113855	24 5.4	
		12.92-	112159	28 80	12.92-	110206	24 5.4	
		12.92- 02.01	113920	28 35				
	[OM402.985]	12.90-	110895	28 55	12.90- 02.01	110206	24 5.4	
		12.90- 02.91	110906	28 30	07.87- 09.96	113855	24 5.4	
		12.90-	112159	28 80				
		03.91- 02.01	113920	28 35				
	[OM402.986]	12.90-	110895	28 55	12.90- 02.01	110206	24 5.4	
		12.90- 02.91	110906	28 30	07.87- 09.96	113855	24 5.4	
		12.90-	112159	28 80				
		03.91- 02.01	113920	28 35				
	[OM402.996]	12.92-	110895	28 55	12.92-	110206	24 5.4	
		12.92-	112159	28 80	12.92- 09.96	113855	24 5.4	
		12.92- 09.96	113920	28 35				
	1838 14.6	(SK)[OM440.978]	12.90- 02.01	113920	28 35	12.90- 02.01	110206	24 5.4
[OM440.979]		12.92- 09.96	113920	28 35	12.92-	110206	24 5.4	
[OM440.982]		12.92- 09.96	113920	28 35	12.92-	110206	24 5.4	
[OM440.991]		12.90- 02.01	113920	28 35	12.90- 02.01	110206	24 5.4	
[OM446.924]		06.95-	110895	28 55	07.87- 09.96	113855	24 5.4	
		06.95-	112159	28 80	06.95- 02.01	110206	24 5.4	
[OM446.925]		06.95-	110895	28 55	07.87- 09.96	113855	24 5.4	
		06.95-	112159	28 80	06.95-	110206	24 5.4	
[OM446.927]		01.94-	112159	28 80	01.94-	110206	24 5.4	
[OM446.943]		12.90- 02.01	113920	28 35	12.90- 02.01	110206	24 5.4	
1840 11.9		(Actros)[OM541.923]	04.96- 10.02	115497	28 100 A49	04.96- 10.02	113609	24 6.2
		09.96- 09.03	112561	28 80	04.96- 10.02	113851	24 7.5	
		09.96-	113278		04.96- 10.02	111771	24 6.2	
		09.96-	113351	28 100				
		09.96-	113448	28 100				
	[OM541.924]	04.97-	112561	28 80	04.97- 10.02	111771	24 6.2	
		04.97-	113278		04.97- 10.02	113851	24 7.5	
		04.97-	113351	28 100	04.97- 10.02	113609	24 6.2	
		04.97-	113448	28 100				
		04.97- 10.02	115497	28 100 A49				
	[OM541.944]	04.96- 10.02	115497	28 100 A49				
	[OM541.945]	04.97- 10.02	115497	28 100 A49				
	1840 12.0	(Axor)[OM457.937]	01.02-	113278		01.02- 10.04	113851	24 7.5
		01.02-	113351	28 100	01.02-	113609	24 6.2	
		01.02- 10.04	115497	28 100 A49				
(Axor 2)[OM457.937]		10.04-	113351	28 100				
		10.04-	115497	28 100 A49				
[OM457.948]		10.04-	113351	28 100				
		10.04-	115497	28 100 A49				
[OM457.955]		10.04-	113351	28 100				
		10.04-	115497	28 100 A49				
[OM457.980]		10.04-	113351	28 100				
		10.04-	115497	28 100 A49				
1840 12.8	(SK)[OM402.971]	07.91- 07.92	110895	28 55	07.91- 07.92	113855	24 5.4	
		07.91- 07.92	112159	28 80	07.91- 07.92	110206	24 5.4	
		07.91- 07.92	113920	28 35				
1841 11.9	(Actros)[OM541.944]	04.03-	112561	28 80	04.03-	113609	24 6.2	
		04.03-	113278		04.03-	111771	24 6.2	
		04.03-	113351	28 100	04.03-	113851	24 7.5	
		04.03-	113448	28 100				
		04.03-	115497	28 100 A49				
	[OM541.974]	04.03-	115497	28 100 A49	04.03-	113609	24 6.2	
					04.03-	113851	24 7.5	
	[OM541.990]	04.03-	115497	28 100 A49				
(Actros MP2 / MP3)[OM541.991]	04.03-	113351	28 100					
	04.03-	115497	28 100 A49					
1841 12.0	(Actros)[OM541.944]	02.05-	115497	28 100 A49	02.05-	113851	24 7.5	
					02.05-	113609	24 6.2	
	[OM541.974]	02.05-	115497	28 100 A49	02.05-	113851	24 7.5	
					02.05-	113609	24 6.2	
1843 11.9	(Actros)[OM541.921]	04.97-	112561	28 80	04.97- 10.02	113851	24 7.5	
		04.97-	113278		04.97- 10.02	113609	24 6.2	
		04.97-	113351	28 100	04.97- 10.02	111771	24 6.2	
		04.97-	113448	28 100				
		04.97- 10.02	115497	28 100 A49				

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



	[OM541.925]	04.96- 10.02	115497	28	100 A49	04.96- 10.02	113609	24	6.2
		09.96-	112561	28	80	04.96- 10.02	113851	24	7.5
		09.96-	113278			04.96- 10.02	111771	24	6.2
		09.96-	113351	28	100				
		09.96-	113448	28	100				
	[OM541.946]	04.96- 10.02	115497	28	100 A49				
	[OM541.947]	04.97- 10.02	115497	28	100 A49				
1843 12.0	(Axor)[OM457.937]	01.02-	113278			01.02-	113851	24	7.5
		01.02-	113351	28	100	01.02-	113609	24	6.2
		01.02- 10.04	115497	28	100 A49				
	(Axor 2)[OM457.937]	10.04-	113351	28	100				
		10.04-	115497	28	100 A49				
	[OM457.948]	10.04-	113351	28	100				
		10.04-	115497	28	100 A49				
	[OM457.980]	10.04-	113351	28	100				
		10.04-	115497	28	100 A49				
1844 11.9	(Actros)[OM541.921]	04.03-	112561	28	80	04.03-	113609	24	6.2
		04.03-	113278			04.03-	111771	24	6.2
		04.03-	113351	28	100	04.03-	113851	24	7.5
		04.03-	113448	28	100				
		04.03-	115497	28	100 A49				
	[OM541.946]	04.03-	112561	28	80	04.03-	111771	24	6.2
		04.03-	113278			04.03-	113851	24	7.5
		04.03-	113351	28	100	04.03-	113609	24	6.2
		04.03-	113448	28	100				
		04.03-	115497	28	100 A49				
	[OM541.947]	04.03-	115497	28	100 A49				
	[OM541.976]	04.03-	115497	28	100 A49	04.03-	113609	24	6.2
						04.03-	113851	24	7.5
	[OM541.993]	04.03-	115497	28	100 A49				
1844 12.0	(Actros)[OM541.946]	04.03-	115497	28	100 A49	04.03-	113851	24	7.5
						04.03-	113609	24	6.2
	[OM541.976]	04.03-	115497	28	100 A49	04.03-	113851	24	7.5
						04.03-	113609	24	6.2
1844 14.6	(SK)[OM440.970]	11.91-	110895	28	55	11.91-	110206	24	5.4
		11.91-	112159	28	80	07.87- 09.96	113855	24	5.4
		11.91- 09.96	113920	28	35				
	[OM446.922]	11.91-	110895	28	55	11.91-	110206	24	5.4
		11.91-	112159	28	80	07.87- 09.96	113855	24	5.4
		01.94- 09.96	113920	28	35				
1846 11.9	(Actros)[OM541.948]	04.03-	112561	28	80	04.03-	113851	24	7.5
		04.03-	113278			04.03-	113609	24	6.2
		04.03-	113351	28	100				
		04.03-	115497	28	100 A49				
	[OM541.949]	04.03-	115497	28	100 A49	04.03-	113609	24	6.2
						04.03-	113851	24	7.5
	[OM541.980]	04.03-	113351	28	100	04.03-	113851	24	7.5
		04.03-	115497	28	100 A49	04.03-	113609	24	6.2
	[OM541.981]	04.03-	115497	28	100 A49				
	[OM541.995]	04.03-	115497	28	100 A49				
1846 12.0	(Actros)[OM541.948]	04.03-	115497	28	100 A49	04.03-	113851	24	7.5
						04.03-	113609	24	6.2
1848 11.9	(Actros)[OM541.948]	04.03-	115497	28	100 A49	04.03-	113851	24	7.5
						04.03-	113609	24	6.2
1848 12.0	(Actros)[OM541.948]	04.03-	115497	28	100 A49	04.03-	113851	24	7.5
						04.03-	113609	24	6.2
1848 15.9	(Actros)[OM542.921]	04.03-	112159	28	80	04.96- 10.02	111771	24	6.2
		04.96- 10.02	115497	28	100 A49	04.96- 10.02	113851	24	7.5
		09.96-	112561	28	80	04.96- 10.02	113609	24	6.2
		09.96-	113278						
		09.96-	113351	28	100				
		09.96-	113448	28	100				
	[OM542.925]	04.97-	112561	28	80	04.97- 10.02	113609	24	6.2
		04.97-	113278			04.97- 10.02	113851	24	7.5
		04.97-	113351	28	100	04.97- 10.02	111771	24	6.2
		04.97-	113448	28	100				
		04.97- 10.02	115497	28	100 A49				
	[OM542.940]	04.96- 10.02	115497	28	100 A49				
1850 14.6	(SK)[OM440.973]	07.87- 09.96	111889			07.87- 09.96	110206	24	5.4
		12.90-	110895	28	55	07.87- 09.96	113855	24	5.4
		12.90- 02.91	110906	28	30				
		12.90-	112159	28	80				
		03.91- 02.01	113920	28	35				
	[OM442.971]	12.90-	110895	28	55	12.90-	110206	24	5.4
		12.90- 02.91	110906	28	30	07.87- 09.96	113855	24	5.4
		12.90-	112159	28	80				
		03.91- 02.01	113920	28	35				
	[OM442.985]	07.87- 09.96	111889			07.87- 09.96	110206	24	5.4
		12.90-	110895	28	55	07.87- 09.96	113855	24	5.4
		12.90- 02.91	110906	28	30				
		12.90-	112159	28	80				
		03.91- 02.01	113920	28	35				
	[OM442.989]	12.90-	110895	28	55	12.90-	110206	24	5.4
		12.90- 02.91	110906	28	30	07.87- 09.96	113855	24	5.4
		12.90-	112159	28	80				
		03.91- 02.01	113920	28	35				

# STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



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	[OM442.992]	07.87- 09.96	111629	28 120	07.87- 09.96	113855	24 5.4
		12.90-	110895	28 55	07.87- 09.96	110206	24 5.4
		12.90- 02.91	110906	28 30			
		12.90-	112159	28 80			
		03.91- 02.01	113920	28 35			
	[OM442.997]	12.90-	110895	28 55	12.90-	110206	24 5.4
		12.90- 02.91	110906	28 30	07.87- 09.96	113855	24 5.4
		12.90-	112159	28 80			
		03.91- 02.01	113920	28 35			
1850 15.9	(Actros)[OM542.940]	04.03-	112561	28 80	04.03-	111771	24 6.2
		04.03-	113278		04.03-	113609	24 6.2
		04.03-	113351	28 100	04.03-	113851	24 7.5
		04.03-	113448	28 100			
		04.03-	115497	28 100 A49			
1851 15.9	(Actros)[OM542.940]	04.03-	115497	28 100 A49	04.03-	113851	24 7.5
					04.03-	113609	24 6.2
	[OM542.941]	04.03-	112561	28 80	04.03-	111771	24 6.2
		04.03-	113351	28 100	04.03-	113609	24 6.2
		04.03-	113448	28 100	04.03-	113851	24 7.5
		04.03-	115497	28 100 A49			
	[OM542.960]	04.03-	112561	28 80	04.03-	113609	24 6.2
		04.03-	113351	28 100	04.03-	113851	24 7.5
		04.03-	113448	28 100	04.03-	111771	24 6.2
		04.03-	115497	28 100 A49			
	[OM542.961]	04.03-	115497	28 100 A49			
1853 14.6	(SK)[OM446.920]	01.96-	110895	28 55	01.96-	110206	24 5.4
		01.96-	112159	28 80	07.87- 09.96	113855	24 5.4
	[OM446.946]	01.96-	110895	28 55	01.96- 09.96	113855	24 5.4
		01.96-	112159	28 80	01.96-	110206	24 5.4
1853 15.9	(Actros)[OM542.920]	04.96- 10.02	115497	28 100 A49	04.96- 10.02	113851	24 7.5
		09.96-	112561	28 80	04.96- 10.02	111771	24 6.2
		09.96-	113278		04.96- 10.02	113609	24 6.2
		09.96-	113351	28 100			
		09.96-	113448	28 100			
	[OM542.942]	04.96- 10.02	115497	28 100 A49			
1854 15.9	(Actros)[OM542.942]	04.03-	112561	28 80	04.03-	113609	24 6.2
		04.03-	113278		04.03-	111771	24 6.2
		04.03-	113351	28 100	04.03-	113851	24 7.5
		04.03-	113448	28 100			
		04.03-	115497	28 100 A49			
	[OM542.962]	04.03-	115497	28 100 A49			
1855 15.9	(Actros MP2 / MP3)	06.08-	113351	28 100			
			115497	28 100 A49			
1857 15.9	(Actros)[OM542.922]	04.97-	112561	28 80	04.97- 10.02	113851	24 7.5
		04.97-	113278		04.97- 10.02	111771	24 6.2
		04.97-	113351	28 100	04.97- 10.02	113609	24 6.2
		04.97-	113448	28 100			
		04.97- 10.02	115497	28 100 A49			
	[OM542.944]	04.97- 10.02	115497	28 100 A49			
1858 15.9	(Actros)[OM542.944]	04.03-	112561	28 80	04.03-	111771	24 6.2
		04.03-	113278		10.02-	113609	24 6.2
		04.03-	113351	28 100	10.02-	113851	24 7.5
		04.03-	113448	28 100			
		04.03-	115497	28 100 A49			
1860 15.9	(Actros MP2/MP3) [OM542.964]	06.08-	113351	28 100			
			115497	28 100 A49			
1860 16.0	(Actros)[OM542.964]	05.05-	115497	28 100 A49	05.05-	113609	24 6.2
					05.05-	113851	24 7.5
1919 9.6	(NG)[OM401.909]	03.78- 08.82	110113	28 27	05.74- 02.77	110210	24 6.6
					03.77- 08.82	110206	24 5.4
					05.74- 08.82	112120	24 6.6
					05.74- 08.82	113855	24 5.4
	[OM401.916]	03.78- 08.82	110113	28 27	03.77- 08.82	110206	24 5.4
					05.74- 02.77	110210	24 6.6
					05.74- 08.82	112120	24 6.6
					05.74- 08.82	113855	24 5.4
1922 10.9	(NG)[OM421.905]	10.81- 10.86	110113	28 27	10.81- 03.91	113855	24 5.4
		11.86- 03.91	110895	28 55	10.81- 03.91	110206	24 5.4
		11.86- 03.91	110906	28 30	05.83- 03.91	110210	24 6.6
		10.88- 03.91	112159	28 80			
1922 11.3	(SK)[OM441.905]	05.89- 08.94	110895	28 55	05.89- 08.94	110206	24 5.4
		05.89- 02.91	110906	28 30	05.89- 08.94	113855	24 5.4
		05.89- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	[OM441.914]	05.89- 08.94	110895	28 55	05.89- 08.94	110206	24 5.4
		05.89- 02.91	110906	28 30	05.89- 08.94	113855	24 5.4
		05.89- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	[OM441.923]	05.89- 08.94	110895	28 55	05.89- 08.94	110206	24 5.4
		05.89- 02.91	110906	28 30	05.89- 08.94	113855	24 5.4
		05.89- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	[OM441.926]	08.89- 08.94	110895	28 55	08.89- 08.94	110206	24 5.4
		08.89- 02.91	110906	28 30	08.89- 08.94	113855	24 5.4
		08.89- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			



1926 12.8	(NG)[OM402.906]	03.78- 12.80	110113	28 27	03.77- 12.80	110206	24 5.4		
					08.73- 02.77	110210	24 6.6		
					08.73- 09.96	112120	24 6.6		
					08.73- 09.96	113855	24 5.4		
		[OM402.912]	03.78- 12.80	110113	28 27	03.77- 12.80	110206	24 5.4	
						08.73- 02.77	110210	24 6.6	
						08.73- 09.96	112120	24 6.6	
						08.73- 09.96	113855	24 5.4	
		[OM402.916]	03.78- 12.80	110113	28 27	03.77- 12.80	110206	24 5.4	
					05.74- 02.77	110210	24 6.6		
					08.73- 09.96	112120	24 6.6		
					08.73- 09.96	113855	24 5.4		
1926 15.1	(MK)[OM442.914]	12.87- 09.96	110895	28 55	12.87- 09.96	110206	24 5.4		
		12.87- 12.91	110906	28 30					
		12.87- 09.96	113920	28 35					
		[OM442.922]	12.87- 09.96	110895	28 55	12.87- 09.96	110206	24 5.4	
			12.87- 02.91	110906	28 30				
			12.87- 09.96	113920	28 35				
		[OM442.932]	12.87- 09.96	110895	28 55	12.87- 09.96	110206	24 5.4	
			12.87- 02.91	110906	28 30				
			12.87- 09.96	113920	28 35				
1928 14.6	(NG)[OM422.905]	10.86- 03.91	110113	28 27	05.83- 03.91	110210	24 6.6		
		11.86- 03.91	110895	28 55	01.80- 03.91	110206	24 5.4		
		11.86- 03.91	110906	28 30	01.80- 03.91	113855	24 5.4		
		10.88- 03.91	112159	28 80					
1928 14.6	(NG)[OM422.905]	01.80- 10.86	110113	28 27	08.73- 09.96	112120	24 6.6		
		11.86- 03.91	110895	28 55	01.80- 03.91	110206	24 5.4		
		11.86- 03.91	110906	28 30	08.73- 09.96	113855	24 5.4		
		10.88- 03.91	112159	28 80	05.83- 03.91	110210	24 6.6		
		[OM422.906]	01.80- 10.86	110113	28 27	05.83- 03.91	110210	24 6.6	
			11.86- 03.91	110895	28 55	01.80- 03.91	110206	24 5.4	
			11.86- 03.91	110906	28 30	08.73- 09.96	113855	24 5.4	
			10.88- 03.91	112159	28 80	08.73- 09.96	112120	24 6.6	
		[OM422.907]	01.80- 10.86	110113	28 27	08.73- 09.96	113855	24 5.4	
			11.86- 03.91	110895	28 55	01.80- 03.91	110206	24 5.4	
			11.86- 03.91	110906	28 30	05.83- 03.91	110210	24 6.6	
			10.88- 03.91	112159	28 80	08.73- 09.96	112120	24 6.6	
		[OM422.911]	01.80- 10.86	110113	28 27	08.73- 09.96	113855	24 5.4	
			11.86- 03.91	110895	28 55	01.80- 03.91	110206	24 5.4	
			11.86- 03.91	110906	28 30	05.83- 03.91	110210	24 6.6	
			10.88- 03.91	112159	28 80	08.73- 09.96	112120	24 6.6	
		[OM422.913]	01.80- 10.86	110113	28 27	05.83- 03.91	110210	24 6.6	
			11.86- 03.91	110895	28 55	01.80- 03.91	110206	24 5.4	
			11.86- 03.91	110906	28 30	08.73- 09.96	112120	24 6.6	
			10.88- 03.91	112159	28 80	08.73- 09.96	113855	24 5.4	
	1929 15.1	(SK)[OM442.906]	07.88- 08.94	110895	28 55	07.87- 09.96	113855	24 5.4	
			07.88- 02.91	110906	28 30	07.88- 08.94	110206	24 5.4	
			07.88- 08.94	113920	28 35				
			10.88- 08.94	112159	28 80				
			[OM442.907]	07.88- 08.94	110895	28 55	07.88- 08.94	110206	24 5.4
				07.88- 02.91	110906	28 30	07.87- 09.96	113855	24 5.4
				07.88- 08.94	113920	28 35			
				10.88- 08.94	112159	28 80			
			[OM442.908]	07.88- 08.94	110895	28 55	07.88- 08.94	110206	24 5.4
				07.88- 02.91	110906	28 30	07.87- 09.96	113855	24 5.4
				10.88- 08.94	112159	28 80			
			03.91- 08.94	113920	28 35				
		[OM442.909]	07.88- 08.94	113920	28 35	07.88- 08.94	110206	24 5.4	
		[OM442.916]	07.88- 08.94	110895	28 55	07.88- 08.94	110206	24 5.4	
			07.88- 02.91	110906	28 30	07.87- 09.96	113855	24 5.4	
			10.88- 08.94	112159	28 80				
			03.91- 08.94	113920	28 35				
		[OM442.923]	07.88- 08.94	110895	28 55	07.88- 08.94	110206	24 5.4	
			07.88- 02.91	110906	28 30	07.87- 09.96	113855	24 5.4	
			10.88- 08.94	112159	28 80				
			03.91- 08.94	113920	28 35				
		[OM442.924]	07.88- 08.94	113920	28 35	07.88- 08.94	110206	24 5.4	
		[OM442.925]	07.88- 08.94	110895	28 55	07.88- 08.94	110206	24 5.4	
			07.88- 02.91	110906	28 30	07.87- 09.96	113855	24 5.4	
			07.88- 08.94	112159	28 80				
			03.91- 08.94	113920	28 35				
		[OM442.926]	07.88- 08.94	110895	28 55	07.88- 08.94	110206	24 5.4	
			07.88- 02.91	110906	28 30	07.88- 08.94	113855	24 5.4	
			10.88- 08.94	112159	28 80				
			03.91- 08.94	113920	28 35				
		[OM442.929]	07.88- 08.94	110895	28 55	07.88- 08.94	110206	24 5.4	
			07.88- 02.91	110906	28 30	07.88- 08.94	113855	24 5.4	
		10.88- 08.94	112159	28 80					
		03.91- 08.94	113920	28 35					
	[OM442.971]	07.88- 09.93	113920	28 35	07.88- 09.93	110206	24 5.4		
1929 18.3	(SK)[OM443.940]	07.88- 08.94	110895	28 55	07.88- 08.94	110206	24 5.4		
1932 15.9	(NG)[OM403.916]	08.73- 09.83	110113	28 27	08.73- 09.83	110210	24 6.6		
					08.73- 09.96	112120	24 6.6		
					08.73- 09.96	113855	24 5.4		
	[OM403.931]	08.73- 09.83	110113	28 27	08.73- 09.83	110210	24 6.6		
					08.73- 09.96	112120	24 6.6		
					08.73- 09.96	113855	24 5.4		

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



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1933 14.6	(NG)[OM422.952]	11.80- 10.86	110113	28 27	08.73- 09.96	112120	24 6.6
		11.86- 03.91	110895	28 55	11.80- 03.91	110210	24 6.6
		11.86- 03.91	110906	28 30	08.73- 09.96	113855	24 5.4
		10.88- 03.91	112159	28 80			
	[OM422.954]	11.80- 10.86	110113	28 27	11.80- 03.91	110210	24 6.6
		11.86- 03.91	110895	28 55	08.73- 09.96	113855	24 5.4
		11.86- 03.91	110906	28 30	08.73- 09.96	112120	24 6.6
		10.88- 03.91	112159	28 80			
	[OM422.956]	11.80- 10.86	110113	28 27	08.73- 09.96	113855	24 5.4
		11.86- 03.91	110895	28 55	11.80- 03.91	110210	24 6.6
		11.86- 03.91	110906	28 30	08.73- 09.96	112120	24 6.6
		10.88- 03.91	112159	28 80			
	[OM422.957]	11.80- 10.86	110113	28 27	08.73- 09.96	113855	24 5.4
		11.86- 03.91	110895	28 55	11.80- 03.91	110210	24 6.6
		11.86- 03.91	110906	28 30	08.73- 09.96	112120	24 6.6
		10.88- 03.91	112159	28 80			
	[OM422.958]	11.80- 10.86	110113	28 27	08.73- 09.96	112120	24 6.6
		11.86- 03.91	110895	28 55	11.80- 03.91	110210	24 6.6
		11.86- 03.91	110906	28 30	08.73- 09.96	113855	24 5.4
		10.88- 03.91	112159	28 80			
1935 14.6	(NG)[OM442.950]	02.86- 10.86	110113	28 27	02.86- 09.89	110206	24 5.4
		11.86- 09.89	110895	28 55	08.73- 09.96	113855	24 5.4
		11.86- 09.89	110906	28 30			
		10.88- 09.89	112159	28 80			
	[OM442.952]	02.86- 10.86	110113	28 27	08.73- 09.96	113855	24 5.4
		11.86- 09.89	110895	28 55	02.86- 09.89	110206	24 5.4
		11.86- 09.89	110906	28 30			
		10.88- 09.89	112159	28 80			
	[OM442.962]	09.87- 03.91	110895	28 55	09.87- 03.91	113855	24 5.4
		09.87- 03.91	110906	28 30	09.87- 03.91	110206	24 5.4
		10.88- 03.91	112159	28 80			
	(SK)[OM440.940]	05.89- 08.94	110895	28 55	05.89- 08.94	110206	24 5.4
		05.89- 02.91	110906	28 30	05.89- 08.94	113855	24 5.4
		05.89- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	[OM442.942]	05.89- 08.94	110895	28 55	05.89- 08.94	113855	24 5.4
		05.89- 02.91	110906	28 30	05.89- 08.94	110206	24 5.4
		05.89- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	[OM442.943]	05.89- 08.94	110895	28 55	05.89- 08.94	110206	24 5.4
05.89- 02.91		110906	28 30	05.89- 08.94	113855	24 5.4	
05.89- 08.94		112159	28 80				
03.91- 08.94		113920	28 35				
[OM442.944]	05.89- 08.94	110895	28 55	05.89- 08.94	110206	24 5.4	
	05.89- 02.91	110906	28 30	05.89- 08.94	113855	24 5.4	
	05.89- 08.94	112159	28 80				
	03.91- 08.94	113920	28 35				
[OM442.963]	05.89- 08.94	110895	28 55	05.89- 08.94	110206	24 5.4	
	05.89- 02.91	110906	28 30	05.89- 08.94	113855	24 5.4	
	05.89- 08.94	112159	28 80				
	03.91- 08.94	113920	28 35				
[OM442.964]	05.89- 08.94	110895	28 55	05.89- 08.94	110206	24 5.4	
	05.89- 02.91	110906	28 30	05.89- 08.94	113855	24 5.4	
	05.89- 08.94	112159	28 80				
	03.91- 08.94	113920	28 35				
[OM442.966]	05.89- 08.94	110895	28 55	05.89- 08.94	113855	24 5.4	
	05.89- 02.91	110906	28 30	05.89- 08.94	110206	24 5.4	
	05.89- 08.94	112159	28 80				
	03.91- 08.94	113920	28 35				
[OM442.971]	05.89- 08.94	110895	28 55	05.89- 08.94	110206	24 5.4	
	05.89- 02.91	110906	28 30	05.89- 08.94	113855	24 5.4	
	05.89- 08.94	112159	28 80				
	03.91- 08.94	113920	28 35				
[OM442.972]	05.89- 08.94	110895	28 55	05.89- 08.94	110206	24 5.4	
	05.89- 02.91	110906	28 30	05.89- 08.94	113855	24 5.4	
	05.89- 08.94	112159	28 80				
	03.91- 08.94	113920	28 35				
[OM442.976]	05.89- 08.94	110895	28 55	05.89- 08.94	110206	24 5.4	
	05.89- 02.91	110906	28 30	05.89- 08.94	113855	24 5.4	
	05.89- 08.94	112159	28 80				
	03.91- 08.94	113920	28 35				
[OM442.977]	05.89- 08.94	110895	28 55	05.89- 08.94	113855	24 5.4	
	05.89- 02.91	110906	28 30	05.89- 08.94	110206	24 5.4	
	05.89- 08.94	112159	28 80				
	03.91- 08.94	113920	28 35				
[OM442.978]	03.81- 08.94	113920	28 35	05.89- 08.94	110206	24 5.4	
	05.89- 08.94	110895	28 55	05.89- 08.94	113855	24 5.4	
	05.89- 02.91	110906	28 30				
	05.89- 08.94	112159	28 80				
1936 18.3	(NG)[OM423.905]	10.81- 10.86	110113	28 27	10.81- 03.91	113855	24 5.4
		11.86- 03.91	110895	28 55	10.81- 03.91	112120	24 6.6
		11.86- 03.91	110906	28 30	10.81- 03.91	110210	24 6.6
		10.88- 03.91	112159	28 80			
	[OM423.906]	10.81- 10.86	110113	28 27	10.81- 03.91	112120	24 6.6
		11.86- 03.91	110895	28 55	10.81- 03.91	110210	24 6.6
		11.86- 03.91	110906	28 30	10.81- 03.91	113855	24 5.4
		10.88- 03.91	112159	28 80			





	[OM423.907]	10.81- 10.86 11.86- 03.91 11.86- 03.91 10.88- 03.91	110113 110895 110906 112159	28 27 28 55 28 30 28 80		10.81- 03.91 10.81- 03.91 10.81- 03.91	110210 113855 112120	24 6.6 24 5.4 24 6.6
	[OM423.908]	10.81- 10.86 06.85- 09.96 11.86- 03.91 11.86- 03.91 10.88- 03.91	110113 113920 110895 110906 112159	28 27 28 35 28 55 28 30 28 80		08.73- 09.96 10.81- 03.91 10.81- 03.91	112120 113855 110210	24 6.6 24 5.4 24 6.6
1938 14.6	(NG)[OM422.953]	11.80- 10.86 11.86- 06.90 11.86- 06.90 10.88- 06.90	110113 110895 110906 112159	28 27 28 55 28 30 28 80		08.73- 09.96 11.80- 06.90 08.73- 09.96	112120 110210 113855	24 6.6 24 6.6 24 5.4
	[OM422.955]	11.80- 10.86 11.86- 06.90 11.86- 06.90 10.88- 06.90	110113 110895 110906 112159	28 27 28 55 28 30 28 80		11.80- 06.90 08.73- 09.96	110210 113855	24 6.6 24 5.4
	[OM422.959]	11.80- 10.86 11.86- 06.90 11.86- 06.90 10.88- 06.90	110113 110895 110906 112159	28 27 28 55 28 30 28 80		08.73- 09.96 11.80- 06.90 08.73- 09.96	112120 110210 113855	24 6.6 24 6.6 24 5.4
1944 14.6	(NG)[OM442.951]	10.85- 10.86 11.86- 12.89 11.86- 12.89 10.88- 12.89	110113 110895 110906 112159	28 27 28 55 28 30 28 80		08.73- 09.96 10.85- 12.89	113855 110206	24 5.4 24 5.4
1945 18.3	(SK)[OM443.940]					07.88- 08.94	110210	24 6.6
1948 14.6	(SK)[OM442.982]	09.88- 07.92 09.88- 02.91 10.88- 07.92 03.91- 07.92	110895 110906 112159 113920	28 55 28 30 28 80 28 35		09.88- 07.92 09.88- 07.92	110206 113855	24 5.4 24 5.4
	[OM442.984]	09.88- 07.92 09.88- 02.91 10.88- 07.92 03.91- 07.92	110895 110906 112159 113920	28 55 28 30 28 80 28 35		09.88- 07.92 09.88- 07.92	110206 113855	24 5.4 24 5.4
	[OM442.985]	09.88- 07.92 09.88- 02.91 10.88- 07.92 03.91- 07.92	110895 110906 112159 113920	28 55 28 30 28 80 28 35		09.88- 07.92 09.88- 07.92	113855 110206	24 5.4 24 5.4
	[OM442.989]	09.88- 07.92 09.88- 02.91 10.88- 07.92 03.91- 07.92	110895 110906 112159 113920	28 55 28 30 28 80 28 35		09.88- 07.92 09.88- 07.92	113855 110206	24 5.4 24 5.4
2020 6.0	(LK/LN2)[OM366.988]	01.84- 02.91 03.91- 12.98 03.91- 12.98	110906 110895 113920	28 30 28 55 28 35		05.92- 12.98 01.84- 12.98	113979 110524	24 4.0 24 4.0
2024 11.0	(SK)[OM445.924]					01.94-	110206	24 5.4
	[OM445.925]					01.94-	110206	24 5.4
2024 6.0	(LK/LN2)[OM356.999]	01.84- 12.98	113920	28 35		01.84- 12.98 01.84- 12.98	110524 113979	24 4.0 24 4.0
	[OM357.941]	01.84- 12.98	113920	28 35		01.84- 12.98 01.84- 12.98	110524 113979	24 4.0 24 4.0
	[OM357.947]	01.84- 12.98	113920	28 35		01.84- 12.98 01.84- 12.98	110524 113979	24 4.0 24 4.0
2024 9.6	(SK)[OM401.975]	02.93- 02.93- 02.93- 09.94	110895 112159 113920	28 55 28 80 28 35		02.93- 02.93- 09.96 02.93-	110206 113855 110210	24 5.4 24 5.4 24 6.6
	[OM401.984]	02.93- 02.93- 02.93- 09.96	110895 112159 113920	28 55 28 80 28 35		02.93- 09.96 02.93- 02.93-	113855 110206 110210	24 5.4 24 5.4 24 6.6
2025 12.8	(NG)[OM402.912]	10.76- 10.80	110113	28 27		03.77- 10.80 10.76- 02.77 10.76- 10.80	110206 110210 113855	24 5.4 24 6.6 24 5.4
	[OM402.916]	10.76- 10.80	110113	28 27		03.77- 10.80 10.76- 02.77 10.76- 10.80	110206 110210 113855	24 5.4 24 6.6 24 5.4
2025 14.6	(NG)[OM422.909]	08.83- 10.86 11.86- 03.91 11.86- 03.91 10.88- 03.91	110113 110895 110906 112159	28 27 28 55 28 30 28 80		08.83- 03.91 08.83- 03.91 08.83- 03.91	113855 110210 112120	24 5.4 24 6.6 24 6.6
2027 11.0	(SK)[OM445.933]					02.93- 09.96	110206	24 5.4
2027 9.6	(SK)[OM401.989]					02.93- 09.96	110206	24 5.4
2028 14.6	(NG)[OM422.905]	01.80- 10.86 11.86- 06.89 11.86- 06.89 10.88- 06.89	110113 110895 110906 112159	28 27 28 55 28 30 28 80		01.80- 06.89 01.80- 06.89 01.80- 06.89	113855 110206 110210	24 5.4 24 5.4 24 6.6
	[OM422.906]	01.80- 10.86 11.86- 06.89 11.86- 06.89 10.88- 06.89	110113 110895 110906 112159	28 27 28 55 28 30 28 80		01.80- 06.89 01.80- 06.89 01.80- 06.89	113855 110206 112120	24 5.4 24 5.4 24 6.6
	[OM422.907]	01.80- 05.85 06.85- 06.89 11.86- 06.89 10.88- 06.89	110113 113920 110895 112159	28 27 28 35 28 55 28 80		05.83- 06.89 01.80- 06.89	110210 110206	24 6.6 24 5.4
	[OM422.910]	01.80- 10.86 11.86- 06.89 11.86- 06.89 10.88- 06.89	110113 110895 110906 112159	28 27 28 55 28 30 28 80		01.80- 06.89 01.80- 06.89 01.80- 06.89	113855 110206 110210 112120	24 5.4 24 5.4 24 6.6 24 6.6

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





MERCEDES-BENZ Continued

Application list

	[OM422.911]	01.80- 10.86	110113	28 27	01.80- 06.89	110206	24 5.4
		06.85- 06.89	113920	28 35	01.80- 06.89	112120	24 6.6
		11.86- 06.89	110895	28 55	01.80- 06.89	113855	24 5.4
		11.86- 06.89	110906	28 30	01.80- 06.89	110210	24 6.6
		10.88- 06.89	112159	28 80			
	[OM422.913]	01.80- 05.85	110113	28 27	01.80- 06.89	110206	24 5.4
		06.85- 06.89	113920	28 35	05.83- 06.89	110210	24 6.6
		11.86- 06.89	110895	28 55			
		10.88- 06.89	112159	28 80			
2031 11.0	(SK)[OM445.929]				01.94- 09.96	110206	24 5.4
	[OM445.930]	01.94-	110895	28 55	01.94-	110206	24 5.4
2031 11.9	(Actros)[OM541.920]	04.96-	112561	28 80	04.96- 10.02	113609	24 6.2
		04.96-	113278		04.96- 10.02	113851	24 7.5
		04.96-	113351	28 100	04.96- 10.02	111771	24 6.2
		04.96-	113448	28 100			
		04.96- 10.02	115497	28 100 A49			
	[OM541.926]	04.96- 01.01	112561	28 80	04.96- 10.02	113851	24 7.5
		04.96- 01.01	113278		04.96- 10.02	113609	24 6.2
		04.96- 01.01	113351	28 100	04.96- 10.02	111771	24 6.2
		04.96- 01.01	113448	28 100			
		04.96- 10.02	115497	28 100 A49			
	[OM541.940]	04.96- 10.02	115497	28 100 A49			
	[OM541.941]	04.96- 10.02	115497	28 100 A49			
2031 12.8	(SK)[OM402.978]	03.92- 08.96	110895	28 55	03.92-	110206	24 5.4
		03.92- 08.96	113920	28 35	03.92-	110210	24 6.6
	[OM402.996]	03.92- 08.96	110895	28 55	03.92-	110206	24 5.4
		03.92- 08.96	113920	28 35	03.92-	110210	24 6.6
	[OM440.979]	03.92- 08.96	113920	28 35	03.92-	110206	24 5.4
2031 14.6	(SK)[OM446.927]	01.94-	112159	28 80	01.94-	110206	24 5.4
2031 9.6	(SK)[OM401.972]	03.92- 09.96	110895	28 55	03.92- 09.96	110206	24 5.4
		03.92- 09.96	112159	28 80	03.92- 09.96	113855	24 5.4
		03.92- 09.96	113920	28 35	03.92-	110210	24 6.6
	[OM401.979]	03.92- 09.96	110895	28 55	03.92- 09.96	113855	24 5.4
		03.92- 09.96	112159	28 80	03.92- 09.96	110206	24 5.4
		03.92- 09.96	113920	28 35	03.92-	110210	24 6.6
	[OM401.986]	03.92- 08.96	110895	28 55	03.92-	110206	24 5.4
		03.92- 08.96	113920	28 35	03.92-	110210	24 6.6
	[OM401.993]	03.92- 09.96	110895	28 55	03.92- 09.96	113855	24 5.4
		03.92- 09.96	112159	28 80	03.92- 09.96	110206	24 5.4
		03.92- 09.96	113920	28 35			
2032 11.9	(Actros)[OM541.920]	04.03-	113278		04.03-	113851	24 7.5
		04.03-	113351	28 100	04.03-	113609	24 6.2
		04.03-	113448	28 100	04.03-	111771	24 6.2
		04.03-	115497	28 100 A49			
	[OM541.926]	04.03-	113278		04.03-	113609	24 6.2
		04.03-	113351	28 100	04.03-	113851	24 7.5
		04.03-	113448	28 100	04.03-	111771	24 6.2
		04.03-	115497	28 100 A49			
	[OM541.940]	04.03-	113278		04.03-	113851	24 7.5
		04.03-	113351	28 100	04.03-	113609	24 6.2
		04.03-	113448	28 100	04.03-	111771	24 6.2
		04.03-	115497	28 100 A49			
	[OM541.941]	04.03-	113278		04.03-	113851	24 7.5
		04.03-	113351	28 100	04.03-	113609	24 6.2
		04.03-	113448	28 100	04.03-	111771	24 6.2
		04.03-	115497	28 100 A49			
	[OM541.970]	04.03-	115497	28 100 A49			
	[OM541.996]	04.03-	115497	28 100 A49			
	[OM541.997]	04.03-	115497	28 100 A49			
2032 14.6	(NG)[OM422.952]	12.81- 10.86	110113	28 27	12.81- 05.87	113855	24 5.4
		11.86- 05.87	110895	28 55	12.81- 05.87	110210	24 6.6
		11.86- 05.87	110906	28 30			
	[OM422.956]	12.81- 10.86	110113	28 27	12.81- 05.87	113855	24 5.4
		11.86- 05.87	110895	28 55	12.81- 05.87	110210	24 6.6
		11.86- 05.87	110906	28 30			
2032 15.9	(NG)[OM403.931]	08.75- 09.83	110113	28 27	08.75- 09.83	110210	24 6.6
					08.75- 09.83	112120	24 6.6
					08.75- 09.83	113855	24 5.4
	[OM403.932]	08.75- 09.83	110113	28 27	08.75- 09.83	110210	24 6.6
					08.75- 09.83	112120	24 6.6
					08.75- 09.83	113855	24 5.4
2035 11.9	(Actros)[OM541.922]	04.96-	113351	28 100	04.96- 10.02	111771	24 6.2
		04.96-	113448	28 100	04.96- 10.02	113609	24 6.2
		04.96- 10.02	115497	28 100 A49	04.96- 10.02	113851	24 7.5
	[OM541.927]	04.97-	112561	28 80	04.97- 10.02	113609	24 6.2
		04.97-	113278		04.97- 10.02	113851	24 7.5
		04.97-	113351	28 100	04.97- 10.02	111771	24 6.2
		04.97-	113448	28 100			
		04.97- 10.02	115497	28 100 A49			
	[OM541.942]	04.96- 10.02	115497	28 100 A49			
	[OM541.943]	04.97- 10.02	115497	28 100 A49			
2035 14.6	(NG)[OM442.950]	06.86- 10.86	110113	28 27	06.86- 07.89	110206	24 5.4
		11.86- 07.89	110895	28 55	08.73- 09.96	113855	24 5.4
		11.86- 07.89	110906	28 30			
	[OM442.952]	06.86- 10.86	110113	28 27	08.73- 09.96	113855	24 5.4
		11.86- 07.89	110895	28 55	06.86- 07.89	110206	24 5.4
		11.86- 07.89	110906	28 30			



	[OM442.958]	06.86- 10.86 11.86- 07.89 11.86- 07.89	110113 110895 110906	28 27 28 55 28 30		08.73- 09.96 06.86- 07.89	113855 110206	24 5.4 24 5.4
2036 11.9	(Actros)[OM541.922]	04.03- 04.03- 04.03- 04.03-	113278 113351 113448 115497	28 100 28 100 28 100 28 100 A49		04.03- 04.03- 04.03-	113851 113609 111771	24 7.5 24 6.2 24 6.2
	[OM541.927]	04.03- 04.03- 04.03- 04.03-	113278 113351 113448 115497	28 100 28 100 28 100 28 100 A49		04.03- 04.03- 04.03-	111771 113609 113851	24 6.2 24 6.2 24 7.5
	[OM541.942]	04.03- 04.03- 04.03- 04.03-	113278 113351 113448 115497	28 100 28 100 28 100 28 100 A49		04.03- 04.03- 04.03-	111771 113609 113851	24 6.2 24 6.2 24 7.5
	[OM541.943]	04.03- 04.03- 04.03- 04.03-	113278 113351 113448 115497	28 100 28 100 28 100 28 100 A49		04.03- 04.03- 04.03-	111771 113609 113851	24 6.2 24 6.2 24 7.5
	[OM541.972]	04.03-	115497	28 100 A49				
	(Actros MP2 / MP3) B33438[OM541.922]	04.03-	112561	28 80				
	[OM541.942]	04.03-	112561	28 80				
	[OM541.972]	04.03-	112561	28 80				
	[OM541.998]	04.03-	112561	28 80				
2036 14.6	(NG)[OM442.950]	03.84- 05.85 06.85- 11.86 11.86- 06.89 10.88- 06.89	110113 113920 110895 112159	28 27 28 35 28 55 28 80		03.84- 06.89	110210	24 6.6
	[OM442.962]	03.84- 05.85 03.84- 06.89 11.86- 06.89 10.88- 06.89	110113 113920 110895 112159	28 27 28 35 28 55 28 80		03.84- 06.89	110210	24 6.6
2036 18.3	(NG)[OM423.905]	03.84- 10.86 11.86- 03.91 11.86- 03.91 10.88- 03.91	110113 110895 110906 112159	28 27 28 55 28 30 28 80		03.84- 03.91 03.84- 03.91 03.84- 03.91	112120 110210 113855	24 6.6 24 6.6 24 5.4
	[OM423.908]	03.84- 10.86 11.86- 03.91 11.86- 03.91 10.88- 03.91	110113 110895 110906 112159	28 27 28 55 28 30 28 80		03.84- 03.91 03.84- 03.91 03.84- 03.91	110210 112120 113855	24 6.6 24 6.6 24 5.4
2038 12.8	(SK)[OM402.971]	11.91- 11.91- 11.91- 08.96	110895 112159 113920	28 55 28 80 28 35		11.91- 11.91- 09.96 11.91-	110206 113855 110210	24 5.4 24 5.4 24 6.6
	[OM402.972]	11.91- 08.96	113920	28 35		11.91- 11.91- 11.91- 09.96	110206 110210 113855	24 5.4 24 6.6 24 5.4
	[OM402.978]	12.92- 12.92- 12.92- 09.96	110895 112159 113920	28 55 28 80 28 35		12.92- 12.92- 09.96	110206 113855	24 5.4 24 5.4
	[OM402.985]	11.91- 11.91- 11.91- 09.96	110895 112159 113920	28 55 28 80 28 35		11.91- 09.96 11.91- 11.91-	113855 110206 110210	24 5.4 24 5.4 24 6.6
	[OM402.986]	11.91- 08.96	113920	28 35		11.91- 11.91- 11.91- 09.96	110206 110210 113855	24 5.4 24 6.6 24 5.4
2038 14.6	(SK)[OM440.970]	12.92- 09.96	113920	28 35		12.92-	110206	24 5.4
	[OM440.979]	12.92-	112159	28 80		12.92-	110206	24 5.4
	[OM446.925]	01.94-	112159	28 80		01.94-	110206	24 5.4
	[OM446.927]	01.94-	112159	28 80		01.94-	110206	24 5.4
2040 11.9	(Actros)[OM541.923]	04.96- 04.96- 04.96- 04.96- 04.96- 10.02	112561 113278 113351 113448 115497	28 80 28 100 28 100 28 100 28 100 A49		04.96- 10.02 04.96- 10.02 04.96- 10.02	113609 113851 111771	24 6.2 24 7.5 24 6.2
	[OM541.924]	04.96- 01.01 04.96- 01.01 04.96- 01.01 04.96- 01.01 04.96- 10.02	112561 113278 113351 113448 115497	28 80 28 100 28 100 28 100 28 100 A49		04.96- 10.02 04.96- 10.02 04.96- 10.02	113609 113851 111771	24 6.2 24 7.5 24 6.2
	[OM541.944]	04.96- 10.02	115497	28 100 A49				
	[OM541.945]	04.96- 10.02	115497	28 100 A49				
2041 11.9	(Actros)[OM541.923]	04.03- 04.03- 04.03- 04.03-	113278 113351 113448 115497	28 100 28 100 28 100 28 100 A49		04.03- 04.03- 04.03-	113609 113851 111771	24 6.2 24 7.5 24 6.2
	[OM541.924]	04.03- 04.03- 04.03- 04.03-	113278 113351 113448 115497	28 100 28 100 28 100 28 100 A49		04.03- 04.03- 04.03-	113609 113851 111771	24 6.2 24 7.5 24 6.2
	[OM541.944]	04.03- 04.03- 04.03- 04.03-	113278 113351 113448 115497	28 100 28 100 28 100 28 100 A49		04.03- 04.03- 04.03-	113851 113609 111771	24 7.5 24 6.2 24 6.2
	[OM541.945]	04.03-	115497	28 100 A49				
	[OM541.974]	04.03-	115497	28 100 A49				
	[OM541.990]	04.03-	115497	28 100 A49				
	[OM541.991]	04.03-	115497	28 100 A49				

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2043 11.9	(Actros)[OM541.921]	04.96- 10.02	115497	28 100 A49				
	[OM541.925]	04.96-	113351	28 100	04.96- 10.02	111771	24 6.2	
		04.96- 10.02	115497	28 100 A49	04.96- 10.02	113609	24 6.2	
					04.96- 10.02	113851	24 7.5	
	[OM541.947]	04.96- 10.02	115497	28 100 A49				
2044 11.9	(Actros)[OM541.921]	04.03-	113278		04.03-	113609	24 6.2	
		04.03-	113351	28 100	04.03-	113851	24 7.5	
		04.03-	113448	28 100	04.03-	111771	24 6.2	
		04.03-	115497	28 100 A49				
	[OM541.925]	04.03-	113278		04.03-	113609	24 6.2	
		04.03-	113351	28 100	04.03-	113851	24 7.5	
		04.03-	113448	28 100	04.03-	111771	24 6.2	
		04.03-	115497	28 100 A49				
	[OM541.946]	04.03-	113278		04.03-	113609	24 6.2	
		04.03-	113351	28 100	04.03-	113851	24 7.5	
		04.03-	113448	28 100	04.03-	111771	24 6.2	
		04.03-	115497	28 100 A49				
	[OM541.947]	04.03-	115497	28 100 A49				
	[OM541.976]	04.03-	115497	28 100 A49				
(Actros MP2 / MP3) [OM541.925]	04.03-	113448	28 100					
[OM541.946]	04.03-	113448	28 100					
[OM541.976]	04.03-	113448	28 100					
[OM541.992]	04.03-	113448	28 100					
2044 12.0	(Actros)[OM541.947]	04.03-	115497	28 100 A49	04.03-	111771	24 6.2	
					04.03-	113609	24 6.2	
					04.03-	113851	24 7.5	
	[OM541.993]	04.03-	115497	28 100 A49				
2044 14.6	(SK)[OM440.970]	01.92-	110895	28 55	01.91-	110210	24 6.6	
		01.92-	112159	28 80	01.92- 09.96	113855	24 5.4	
		01.92- 09.96	113920	28 35	01.92- 09.96	110206	24 5.4	
	[OM440.979]	01.94- 09.96	113920	28 35	01.94- 09.96	110206	24 5.4	
					01.91-	110210	24 6.6	
	[OM446.922]	01.92-	110895	28 55	01.92- 09.96	113855	24 5.4	
	01.92-	112159	28 80	01.92-	110206	24 5.4		
	01.92- 09.96	113920	28 35	01.91-	110210	24 6.6		
2046 11.9	(Actros)[OM541.948]	04.03-	113278		04.03-	113609	24 6.2	
		04.03-	113351	28 100	04.03-	113851	24 7.5	
		04.03-	115497	28 100 A49				
	[OM541.949]	04.03-	115497	28 100 A49				
	[OM541.980]	04.03-	113278		04.03-	113851	24 7.5	
		04.03-	113351	28 100	04.03-	113609	24 6.2	
		04.03-	115497	28 100 A49				
	[OM541.995]	04.03-	115497	28 100 A49				
	(Actros MP2 / MP3)[OM541.948]	04.03-	112561	28 80				
	[OM541.980]	04.03-	112561	28 80				
[OM541.994]	04.03-	112561	28 80					
2048 11.9	(Actros)[OM541.948]	04.03-	115497	28 100 A49	04.03-	113851	24 7.5	
					04.03-	113609	24 6.2	
	(Actros MP2 / MP3)[OM541.978]	04.03-	113351	28 100				
		04.03-	115497	28 100 A49				
		06.08-	113351	28 100				
	06.08-	115497	28 100 A49					
2048 12.0	(Actros)[OM541.948]	04.03-	115497	28 100 A49	04.03-	113609	24 6.2	
					04.03-	113851	24 7.5	
2048 15.9	(Actros)[OM542.925]	04.03-	112159	28 80	04.96- 10.02	111771	24 6.2	
		04.96-	113351	28 100	04.96- 10.02	113609	24 6.2	
		04.96- 10.02	115497	28 100 A49	04.96- 10.02	113851	24 7.5	
2050 14.6	(SK)[OM440.976]	01.91-	110895	28 55	01.91-	110210	24 6.6	
		01.91- 02.91	110906	28 30	01.91-	110206	24 5.4	
		01.91-	112159	28 80	01.91- 09.96	113855	24 5.4	
		01.91- 02.01	113920	28 35				
	[OM442.985]	01.91-	110895	28 55	01.91-	110210	24 6.6	
		01.91- 02.91	110906	28 30	01.91- 09.96	113855	24 5.4	
		01.91-	112159	28 80	01.91-	110206	24 5.4	
		03.91- 02.01	113920	28 35				
	[OM442.989]	01.91-	110895	28 55	01.91-	110206	24 5.4	
		01.91- 02.91	110906	28 30	01.91- 09.96	113855	24 5.4	
		01.91-	112159	28 80	01.91-	110210	24 6.6	
		03.91- 02.01	113920	28 35				
	[OM442.992]	01.91-	110895	28 55	01.91-	110210	24 6.6	
		01.91- 02.91	110906	28 30	01.91- 09.96	113855	24 5.4	
		01.91-	112159	28 80	01.91-	110206	24 5.4	
		03.91- 02.01	113920	28 35				
	[OM442.997]	01.91-	110895	28 55	01.91-	110210	24 6.6	
		01.91- 02.91	110906	28 30	01.91-	110206	24 5.4	
		01.91-	112159	28 80	01.91- 09.96	113855	24 5.4	
		03.91- 02.01	113920	28 35				
[OM446.920]	01.91-	110895	28 55	01.91-	110206	24 5.4		
	01.91- 02.91	110906	28 30	01.91-	110210	24 6.6		
	01.91-	112159	28 80	01.91- 09.96	113855	24 5.4		
	03.91- 02.01	113920	28 35					
2050 15.9	(Actros)[OM542.940]	04.03-	113278		04.03-	113609	24 6.2	
		04.03-	113351	28 100	04.03-	113851	24 7.5	
		04.03-	113448	28 100	04.03-	111771	24 6.2	
		04.03-	115497	28 100 A49				

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	[OM542.941]	04.03- 04.03- 04.03- 04.03-	113278 113351 113448 115497	28 100 28 100 28 100 28 100 A49		04.03- 04.03- 04.03-	113609 113851 111771	24 6.2 24 7.5 24 6.2
2051 15.9	(Actros MP2 / MP3)	06.08- 06.08-	113351 115497	28 100 28 100 A49				
2051 16.0	(Actros)[OM542.940]	04.03-	115497	28 100 A49		04.03- 04.03- 04.03-	113851 113609 113851	24 7.5 24 6.2 24 7.5
	[OM542.960]	04.03-	115497	28 100 A49		04.03- 04.03-	113851 113609	24 7.5 24 6.2
2053 11.9	(Actros)[OM542.920]	04.96- 04.96- 04.96- 04.96- 04.96- 10.02	112561 113278 113351 113448 115497	28 80 28 100 28 100 28 100 28 100 A49		04.96- 10.02 04.96- 10.02 04.96- 10.02	113609 113851 111771	24 6.2 24 7.5 24 6.2
2054 15.9	(Actros MP2 / MP3)[OM542.942]	04.03-	113448	28 100				
2055 14.6	(SK)[OM442.997]					01.92- 09.96	110206	24 5.4
2055 15.9	(Actros MP2 / MP3)	06.08- 06.08-	113351 115497	28 100 28 100 A49				
2219 5.7	(NG)[OM362.906]	02.83- 09.85	110113	28 27		02.83- 09.85	110524	24 4.0
	[OM362.909]	02.83- 09.85	110113	28 27		02.83- 09.85	110524	24 4.0
2219 9.6	(NG)[OM401.914]	04.81- 01.87	111141	14 55		03.77- 01.87 06.76- 02.77 06.76- 01.87 06.76- 01.87	110206 110210 112120 113855	24 5.4 24 6.6 24 6.6 24 5.4
	[OM401.923]	04.81- 01.87	111141	14 55		06.76- 01.87 06.76- 01.87 08.73- 09.96 08.73- 09.96	110206 110210 112120 113855	24 5.4 24 6.6 24 6.6 24 5.4
	[OM401.925]	04.81- 01.87	111141	14 55		03.77- 01.87 06.76- 02.77 06.76- 01.87 06.76- 01.87	110206 110210 112120 113855	24 5.4 24 6.6 24 6.6 24 5.4
	[OM401.926]	04.81- 01.87	111141	14 55		06.76- 01.87 06.76- 01.87 08.73- 09.96 08.73- 09.96	110210 110206 112120 113855	24 6.6 24 5.4 24 6.6 24 5.4
	[OM401.927]	04.81- 01.87	111141	14 55		06.76- 01.87 06.76- 01.87 08.73- 09.96 08.73- 09.96	110206 110210 112120 113855	24 5.4 24 6.6 24 6.6 24 5.4
2220 6.0	(NG)[OM366.983]	07.85- 10.86 11.86- 03.91 11.86- 03.91 10.88- 03.91	110113 110895 110906 112159	28 27 28 55 28 30 28 80		07.85- 03.91	110524	24 4.0
2222 11.0	(NG)[OM421.905]	08.73- 09.96 05.82- 10.86 11.86- 03.91 11.86- 03.91 10.88- 03.91	113920 110113 110895 110906 112159	28 35 28 27 28 55 28 30 28 80		05.82- 03.91 08.73- 09.96 08.73- 09.96 05.82- 03.91	110210 112120 113855 110206	24 6.6 24 6.6 24 5.4 24 5.4
	[OM421.907]	05.82- 10.86 11.86- 03.91 11.86- 03.91 10.88- 03.91	110113 110895 110906 112159	28 27 28 55 28 30 28 80		05.82- 03.91 05.82- 03.91 05.82- 03.91 05.82- 03.91	110210 110206 113855 112120	24 6.6 24 5.4 24 5.4 24 6.6
	[OM441.905]	08.73- 09.96	113920	28 35		08.73- 09.96	112120	24 6.6
	[OM441.906]	05.82- 10.86 11.86- 03.91 11.86- 03.91 10.88- 03.91	110113 110895 110906 112159	28 27 28 55 28 30 28 80		05.82- 03.91 05.82- 03.91 05.82- 03.91 05.82- 03.91	110210 113855 112120 110206	24 6.6 24 5.4 24 6.6 24 5.4
	[OM441.917]					08.73- 09.96	112120	24 6.6
2222 11.3	(NG)[OM441.914]	08.73- 09.96	113920	28 35				
	[OM441.919]	08.73- 09.96	113920	28 35				
2224 12.8	(NG)[OM402.910]	04.76- 12.82	111141	14 55		03.77- 12.82 04.76- 02.77 04.76- 12.82 04.76- 12.82	110206 110210 112120 113855	24 5.4 24 6.6 24 6.6 24 5.4
	[OM402.911]	04.76- 12.82	111141	14 55		04.76- 12.82 04.76- 12.82 04.76- 12.82 04.76- 12.82	110210 110206 112120 113855	24 6.6 24 5.4 24 6.6 24 5.4
	[OM402.914]	03.78- 06.82	110113	28 27		05.75- 02.77 03.77- 03.84	110210 110206	24 6.6 24 5.4
	[OM402.927]	04.76- 12.82	111141	14 55		04.76- 12.82 03.77- 12.82 04.76- 12.82 04.76- 12.82	110210 110206 112120 113855	24 6.6 24 5.4 24 6.6 24 5.4
	[OM402.928]	04.76- 12.82	111141	14 55		04.76- 12.82 04.76- 12.82 04.76- 12.82 04.76- 12.92	110210 110206 112120 113855	24 6.6 24 5.4 24 6.6 24 5.4
2225 14.6	(NG)[OM422.909]	08.73- 09.96 04.85- 10.86 11.86- 03.91 11.86- 03.91 10.88- 03.91	113920 110113 110895 110906 112159	28 35 28 27 28 55 28 30 28 80		08.73- 09.96 04.85- 03.91 04.85- 03.91 04.85- 03.91	112120 110210 113855 110206	24 6.6 24 6.6 24 5.4 24 5.4

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	[OM422.912]	08.83- 10.86	110113	28 27	08.83- 03.91	113855	24 5.4
		11.86- 03.91	110895	28 55	08.83- 03.91	112120	24 6.6
		11.86- 03.91	110906	28 30	08.83- 03.91	110210	24 6.6
		10.88- 03.91	112159	28 80	08.83- 03.91	110206	24 5.4
2226 12.8	(NG)[OM402.912]	09.75- 12.80	110113	28 27	06.75- 02.77	110210	24 6.6
					03.77- 12.80	110206	24 5.4
					08.73- 09.96	112120	24 6.6
					08.73- 09.96	113855	24 5.4
	[OM402.916]	09.75- 12.80	110113	28 27	06.75- 02.77	110210	24 6.6
					03.77- 12.80	110206	24 5.4
					08.73- 09.96	112120	24 6.6
					08.73- 09.96	113855	24 5.4
	[OM402.924]	09.75- 12.80	110113	28 27	03.77- 12.80	110206	24 5.4
					06.75- 02.77	110210	24 6.6
					08.73- 09.96	112120	24 6.6
					08.73- 09.96	113855	24 5.4
2228 14.6	(NG)[OM422.905]	12.79- 10.86	110113	28 27	08.73- 09.96	112120	24 6.6
		11.86- 03.91	110895	28 55	12.79- 03.91	110210	24 6.6
		11.86- 03.91	110906	28 30	12.79- 03.91	110206	24 5.4
					08.73- 09.96	113855	24 5.4
	[OM422.906]	12.79- 10.86	110113	28 27	12.79- 03.91	110210	24 6.6
		11.86- 03.91	110895	28 55	08.73- 09.96	112120	24 6.6
		11.86- 03.91	110906	28 30	12.79- 03.91	110206	24 5.4
					08.73- 09.96	113855	24 5.4
	[OM422.911]	12.79- 10.86	110113	28 27	12.79- 03.91	110210	24 6.6
		11.86- 03.91	110895	28 55	12.79- 03.91	110206	24 5.4
		11.86- 03.91	110906	28 30	08.73- 09.96	112120	24 6.6
					08.73- 09.96	113855	24 5.4
2232 15.9	(NG)[OM403.931]	05.75- 09.83	110113	28 27	05.74- 09.83	110210	24 6.6
					08.73- 09.96	112120	24 6.6
					08.73- 09.96	113855	24 5.4
	[OM403.932]	05.75- 09.83	110113	28 27	05.74- 09.83	110210	24 6.6
					08.73- 09.96	112120	24 6.6
					08.73- 09.96	113855	24 5.4
2233 14.6	(NG)[OM422.952]	11.80- 10.86	110113	28 27	11.80- 05.87	110210	24 6.6
		11.86- 05.87	110895	28 55	08.73- 09.96	112120	24 6.6
		11.86- 05.87	110906	28 30	08.73- 09.96	113855	24 5.4
	[OM422.954]	11.80- 10.86	110113	28 27	08.73- 09.96	113855	24 5.4
		11.86- 05.87	110895	28 55	08.73- 09.96	112120	24 6.6
		11.86- 05.87	110906	28 30	11.80- 05.87	110210	24 6.6
	[OM422.957]	11.80- 10.86	110113	28 27	11.80- 05.87	110210	24 6.6
		06.85- 05.87	113920	28 35	08.73- 09.96	112120	24 6.6
		11.86- 05.87	110895	28 55	08.73- 09.96	113855	24 5.4
		11.86- 05.87	110906	28 30			
	[OM422.958]	11.80- 10.86	110113	28 27	11.80- 05.87	110210	24 6.6
		06.85- 05.87	113920	28 35	08.73- 09.96	112120	24 6.6
		11.86- 05.87	110895	28 55	08.73- 09.96	113855	24 5.4
		11.86- 05.87	110906	28 30			
2235 14.6	(NG)[OM442.950]	11.83- 07.89	110895	28 55	03.86- 07.89	110206	24 5.4
		03.86- 10.86	110113	28 27	08.73- 09.96	113855	24 5.4
		11.86- 07.89	110906	28 30			
		10.88- 07.89	112159	28 80			
2236 18.3	(NG)[OM423.905]	09.82- 10.86	110113	28 27	09.82- 03.91	112120	24 6.6
		11.86- 03.91	110895	28 55	09.82- 03.91	110210	24 6.6
		11.86- 03.91	110906	28 30	09.82- 03.91	113855	24 5.4
	[OM423.908]	09.82- 10.86	110113	28 27	09.82- 03.91	113855	24 5.4
		11.86- 03.91	110895	28 55	09.82- 03.91	110210	24 6.6
		11.86- 03.91	110906	28 30	09.82- 03.91	112120	24 6.6
2238 14.6	(NG)[OM422.953]	01.81- 10.86	110113	28 27	01.81- 12.86	110210	24 6.6
		11.86- 12.86	110895	28 55	08.73- 09.96	113855	24 5.4
		11.86- 12.86	110906	28 30	08.73- 09.96	112120	24 6.6
					01.81- 12.86	110206	24 5.4
	[OM422.955]	01.81- 10.86	110113	28 27	08.73- 09.96	112120	24 6.6
		11.86- 12.86	110895	28 55	01.81- 12.86	110210	24 6.6
		11.86- 12.86	110906	28 30	08.73- 09.96	113855	24 5.4
					01.81- 12.86	110206	24 5.4
	[OM422.959]	01.81- 10.86	110113	28 27	08.73- 09.96	113855	24 5.4
		11.86- 12.86	110895	28 55	01.81- 12.86	110210	24 6.6
		11.86- 12.86	110906	28 30	08.73- 09.96	112120	24 6.6
					01.81- 12.86	110206	24 5.4
2244 14.6	(NG)[OM442.951]	10.85- 10.86	110113	28 27	08.73- 09.96	113855	24 5.4
		11.86- 07.89	110895	28 55	10.85- 07.89	110206	24 5.4
		11.86- 07.89	110906	28 30			
		10.88- 07.89	112159	28 80			
2320 6.0	(MK)[OM356.984]	12.87- 09.96	113920	28 35	12.87- 09.96	110524	24 4.0
	[OM356.987]	12.87- 09.96	113920	28 35	12.87- 09.96	110524	24 4.0
2327 11.0	(MK)[OM445.926]	12.87- 09.96	113920	28 35	12.87- 09.96	110206	24 5.4
2327 9.6	(MK)[OM401.973]	12.87- 09.96	113920	28 35	12.87- 09.96	110206	24 5.4
2420 6.0	(MK)[OM356.984]	02.90- 08.94	110895	28 55	02.90- 08.94	110524	24 4.0
		02.90- 02.91	110906	28 30			
		02.90- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	[OM366.983]	02.90- 08.94	110895	28 55	02.90- 08.94	110524	24 4.0
		02.90- 02.91	110906	28 30			
		02.90- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
2422 11.0	(MK)[OM441.905]	12.87- 09.96	113920	28 35	12.87- 09.96	110206	24 5.4
	[OM441.923]	12.87- 09.96	113920	28 35	12.87- 09.96	110206	24 5.4
	(NG)[OM421.905]	10.81- 03.91	113920	28 35			



	[OM441.905]	08.73- 09.96	113920	28 35				
	[OM441.917]	08.73- 09.96	113920	28 35				
	(SK)[OM441.905]	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4	
	[OM441.923]	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4	
2422 11.3	(MK)[OM441.905]	09.89- 08.94	110895	28 55	09.89- 08.94	110206	24 5.4	
		09.89- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4	
		09.89- 08.94	112159	28 80				
		03.91- 08.94	113920	28 35				
	[OM441.912]	09.89- 08.94	110895	28 55	09.89- 08.94	113855	24 5.4	
		09.89- 02.91	110906	28 30	09.89- 08.94	110206	24 5.4	
		09.89- 08.94	112159	28 80				
		03.91- 08.94	113920	28 35				
	[OM441.916]	09.89- 08.94	113920	28 35	09.89- 08.94	110206	24 5.4	
	[OM441.920]	12.87- 09.96	113920	28 35	12.87- 09.96	110206	24 5.4	
		09.89- 08.94	110895	28 55	12.87- 09.96	113855	24 5.4	
		09.89- 02.91	110906	28 30				
		09.89- 08.94	112159	28 80				
	[OM441.923]	09.89- 08.94	110895	28 55	09.89- 08.94	110206	24 5.4	
		09.89- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4	
		09.89- 08.94	112159	28 80				
		03.91- 08.94	113920	28 35				
	[OM441.924]	09.89- 08.94	110895	28 55	12.87- 09.96	113855	24 5.4	
		09.89- 02.91	110906	28 30	09.89- 08.94	110206	24 5.4	
		09.89- 08.94	112159	28 80				
		03.91- 08.94	113920	28 35				
	[OM441.932]	09.89- 08.94	113920	28 35	09.89- 08.94	110206	24 5.4	
	(NG)[OM441.914]	08.73- 09.96	113920	28 35				
	[OM441.919]	08.73- 09.96	113920	28 35				
2425 14.6	(NG)[OM422.909]	11.86- 06.89	110895	28 55	09.85- 06.89	110206	24 5.4	
		11.86- 06.89	110906	28 30				
2426 11.0	(MK)[OM441.960]				02.90- 08.94	110206	24 5.4	
2426 15.1	(MK)[OM442.909]	12.87- 09.96	113920	28 35	12.87- 09.96	110206	24 5.4	
	[OM442.914]	12.87- 09.96	113920	28 35	12.87- 09.96	110206	24 5.4	
		01.90- 08.94	110895	28 55	01.90- 08.94	113855	24 5.4	
		01.90- 02.91	110906	28 30				
		01.90- 08.94	112159	28 80				
	[OM442.921]	01.90- 08.94	110895	28 55	01.90- 08.94	110206	24 5.4	
		01.90- 02.91	110906	28 30	01.90- 08.94	113855	24 5.4	
		01.90- 08.94	112159	28 80				
		03.91- 08.94	113920	28 35				
	[OM442.922]	12.87- 09.96	113920	28 35	12.87- 09.96	110206	24 5.4	
		02.90- 08.94	110895	28 55	02.90- 08.94	113855	24 5.4	
		02.90- 02.91	110906	28 30				
		02.90- 08.94	112159	28 80				
	[OM442.932]	12.87- 09.96	113920	28 35	01.90- 08.94	113855	24 5.4	
		01.90- 08.94	110895	28 55	12.87- 09.96	110206	24 5.4	
		01.90- 02.91	110906	28 30				
		01.90- 08.94	112159	28 80				
	[OM442.934]	01.90- 08.94	110895	28 55	01.90- 08.94	113855	24 5.4	
		01.90- 02.91	110906	28 30	01.90- 08.94	110206	24 5.4	
		01.90- 08.94	112159	28 80				
		03.91- 08.94	113920	28 35				
2426 6.0	(MK)[OM401.973]				02.90- 08.94	110206	24 5.4	
	[OM401.979]				02.90- 08.94	110206	24 5.4	
2427 15.1	(MK)[OM442.923]	02.90- 08.94	113920	28 35				
2427 9.6	(MK)[OM401.973]	12.87- 09.96	113920	28 35	12.87- 09.96	110206	24 5.4	
	[OM401.977]	12.87- 09.96	113920	28 35	12.87- 09.96	110206	24 5.4	
	[OM401.978]	02.90- 08.94	113920	28 35	02.90- 08.94	110206	24 5.4	
2428 14.6	(NG)[OM422.905]	08.73- 09.96	113920	28 35				
	[OM422.911]	08.73- 09.96	113920	28 35				
	[OM422.913]	08.73- 09.96	113920	28 35				
	[OM422.916]	08.73- 09.96	113920	28 35				
2429 14.6	(SK)[OM422.916]	07.87- 09.96	113920	28 35				
2429 15.1	(MK)[OM442.906]				12.87- 08.94	110206	24 5.4	
	[OM442.907]	12.87- 09.96	113920	28 35	12.87- 08.94	110206	24 5.4	
	[OM442.909]	12.87- 09.96	113920	28 35				
	[OM442.923]				12.87- 08.94	110206	24 5.4	
	(SK)[OM442.906]	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4	
		07.88- 08.94	110895	28 55	07.87- 09.96	113855	24 5.4	
		07.88- 02.91	110906	28 30				
		10.88- 08.94	112159	28 80				
	[OM442.907]	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4	
		07.88- 08.94	110895	28 55	07.87- 09.96	113855	24 5.4	
		07.88- 02.91	110906	28 30				
		10.88- 08.94	112159	28 80				
	[OM442.908]	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4	
	[OM442.916]	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4	
	[OM442.923]	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4	
		07.88- 08.94	110895	28 55	07.88- 08.94	113855	24 5.4	
		07.88- 02.91	110906	28 30				
		10.88- 08.94	112159	28 80				
	[OM442.925]	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4	
		07.88- 08.94	110895	28 55	07.87- 09.96	113855	24 5.4	
		07.88- 02.91	110906	28 30				
		10.88- 08.94	112159	28 80				
2431 11.0	(MK)[OM445.929]	12.87- 09.96	113920	28 35				
	[OM445.937]	12.87- 09.96	113920	28 35				
2431 9.6	(MK)[OM401.972]	12.87- 09.96	110895	28 55	12.87- 09.96	110206	24 5.4	
		12.87- 09.96	113920	28 35				

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Application list

	[OM401.979]	12.87- 09.96	110895	28 55	12.87- 09.96	110206	24 5.4
		12.87- 09.96	113920	28 35			
	[OM401.993]	12.87- 09.96	110895	28 55	12.87- 09.96	110206	24 5.4
		12.87- 09.96	113920	28 35			
2432 11.9	(Actros MP2 / MP3)[OM541.970]	06.08-	113351	28 100			
		06.08-	115497	28 100 A49			
	[OM541.996]	06.08-	113351	28 100			
		06.08-	115497	28 100 A49			
2433 11.0	(MK)[OM441.960]	12.87- 09.96	113920	28 35	12.87- 09.96	110206	24 5.4
		05.89- 07.92	110895	28 55	12.87- 09.96	113855	24 5.4
		05.89- 02.91	110906	28 30			
		05.89- 07.92	112159	28 80			
	[OM441.962]	05.89- 07.92	110895	28 55	05.89- 07.92	110206	24 5.4
		05.89- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4
		05.89- 07.92	112159	28 80			
		03.91- 07.92	113920	28 35			
	[OM441.981]	12.87- 09.96	113920	28 35	12.87- 09.96	110206	24 5.4
		05.89- 07.92	110895	28 55	12.87- 09.96	113855	24 5.4
		05.89- 02.91	110906	28 30			
		05.89- 07.92	112159	28 80			
	[OM441.983]	05.89- 07.92	110895	28 55	05.89- 07.92	110206	24 5.4
		05.89- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4
		05.89- 07.92	112159	28 80			
		03.91- 07.92	113920	28 35			
	[OM441.986]	12.87- 09.96	113920	28 35	12.87- 09.96	110206	24 5.4
		05.89- 07.92	110895	28 55	12.87- 09.96	113855	24 5.4
		05.89- 02.91	110906	28 30			
		05.89- 07.92	112159	28 80			
	[OM441.989]	12.87- 09.96	113920	28 35	12.87- 09.96	110206	24 5.4
		05.89- 07.92	110895	28 55	12.87- 09.96	113855	24 5.4
		05.89- 02.91	110906	28 30			
		05.89- 07.92	112159	28 80			
	[OM445.920]	05.89- 07.92	110895	28 55	05.89- 07.92	110206	24 5.4
		05.89- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4
		05.89- 07.92	112159	28 80			
		03.91- 07.92	113920	28 35			
	[OM445.939]	05.89- 07.92	110895	28 55	05.89- 07.92	110206	24 5.4
		05.89- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4
		05.89- 07.92	112159	28 80			
		03.91- 07.92	113920	28 35			
2433 14.6	(NG)[OM422.954]	11.80- 03.91	112159	28 80	12.82- 11.91	110206	24 5.4
		06.85- 11.91	113920	28 35	05.83- 11.91	110210	24 6.6
		11.86- 11.91	110895	28 55			
	[OM422.957]	11.80- 03.91	112159	28 80	12.82- 11.91	110206	24 5.4
		06.85- 11.91	113920	28 35	05.83- 11.91	110210	24 6.6
		11.86- 11.91	110895	28 55			
2434 11.0	(MK)[OM441.960]	05.89- 07.92	110895	28 55	05.89- 07.92	110206	24 5.4
		05.89- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4
		05.89- 07.92	112159	28 80			
		03.91- 07.92	113920	28 35			
	[OM441.962]	05.89- 07.92	110895	28 55	05.89- 07.92	110206	24 5.4
		05.89- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4
		05.89- 07.92	112159	28 80			
		03.91- 07.92	113920	28 35			
	[OM441.981]	05.89- 07.92	110895	28 55	05.89- 07.92	110206	24 5.4
		05.89- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4
		05.89- 07.92	112159	28 80			
		03.91- 07.92	113920	28 35			
	[OM441.983]	05.89- 07.92	110895	28 55	05.89- 07.92	110206	24 5.4
		05.89- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4
		05.89- 07.92	112159	28 80			
		03.91- 07.92	113920	28 35			
	[OM441.986]	05.89- 07.92	110895	28 55	05.89- 07.92	110206	24 5.4
		05.89- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4
		05.89- 07.92	112159	28 80			
		03.91- 07.92	113920	28 35			
	[OM441.989]	05.89- 07.92	110895	28 55	05.89- 07.92	110206	24 5.4
		05.89- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4
		05.89- 07.92	112159	28 80			
	[OM445.920]	05.89- 07.92	110895	28 55	05.89- 07.92	110206	24 5.4
		05.89- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4
		05.89- 07.92	112159	28 80			
	[OM445.939]	05.89- 07.92	110895	28 55	05.89- 07.92	110206	24 5.4
		05.89- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4
		05.89- 07.92	112159	28 80			
	(SK)[OM441.986]	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4
	[OM441.989]	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4
2435 14.6	(SK)[OM440.940]	07.88- 08.94	110895	28 55	07.88- 08.94	113855	24 5.4
		07.88- 02.91	110906	28 30	07.88- 08.94	110206	24 5.4
		10.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	[OM440.941]	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4
	[OM440.942]	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4
	[OM442.942]	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4
	[OM442.943]	07.88- 08.94	110895	28 55	07.88- 08.94	110206	24 5.4
		07.88- 02.91	110906	28 30	07.87- 09.96	113855	24 5.4
		10.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			

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	[OM442.944]	07.87- 09.96	113920	28 35		07.87- 09.96	110206	24 5.4
		07.88- 08.94	110895	28 55		07.87- 09.96	113855	24 5.4
		07.88- 02.91	110906	28 30				
		10.88- 08.94	112159	28 80				
	[OM442.962]	07.87- 09.96	113920	28 35		07.87- 09.96	110206	24 5.4
	[OM442.963]	07.87- 09.96	113920	28 35		07.87- 09.96	110206	24 5.4
		07.88- 08.94	110895	28 55		07.87- 09.96	113855	24 5.4
		07.88- 02.91	110906	28 30				
		10.88- 08.94	112159	28 80				
	[OM442.964]	07.88- 08.94	110895	28 55		07.88- 08.94	110206	24 5.4
		07.88- 02.91	110906	28 30		07.87- 09.96	113855	24 5.4
		10.88- 08.94	112159	28 80				
		03.91- 08.94	113920	28 35				
	[OM442.965]	07.88- 08.94	110895	28 55		07.87- 09.96	113855	24 5.4
		07.88- 02.91	110906	28 30		07.88- 08.94	110206	24 5.4
		07.88- 08.94	112159	28 80				
		03.91- 08.94	113920	28 35				
	[OM442.966]	07.87- 09.96	113920	28 35		07.87- 09.96	110206	24 5.4
	[OM442.968]	07.88- 08.94	110895	28 55		07.87- 09.96	113855	24 5.4
		07.88- 02.91	110906	28 30		07.88- 08.94	110206	24 5.4
		10.88- 08.94	112159	28 80				
		03.91- 08.94	113920	28 35				
	[OM442.971]	07.87- 09.96	113920	28 35		07.87- 09.96	110206	24 5.4
	[OM442.976]	07.87- 09.96	113920	28 35		07.87- 09.96	110206	24 5.4
		07.88- 08.94	110895	28 55		07.87- 09.96	113855	24 5.4
		07.88- 02.91	110906	28 30				
		10.88- 08.94	112159	28 80				
	[OM442.978]	07.87- 09.96	113920	28 35		07.87- 09.96	110206	24 5.4
2436 11.9	(Actros MP2 / MP3)[OM541.972]	06.08-	113351	28 100				
		06.08-	115497	28 100 A49				
	[OM541.998]	06.08-	113351	28 100				
		06.08-	115497	28 100 A49				
2438 14.6	(NG)[OM442.953]	06.85- 12.86	113920	28 35		05.83- 12.86	110210	24 6.6
		11.86- 12.86	110895	28 55		01.81- 12.86	110206	24 5.4
	[OM442.955]	11.80- 06.90	113920	28 35		01.81- 12.86	110206	24 5.4
		11.86- 12.86	110895	28 55		05.83- 12.86	110210	24 6.6
	[OM442.959]	11.80- 06.90	113920	28 35		01.81- 12.86	110206	24 5.4
		11.86- 12.86	110895	28 55		05.83- 12.86	110210	24 6.6
2440 12.0	(Axor 2)[OM457.948]	10.04-	113351	28 100				
		10.04-	115497	28 100 A49				
	[OM457.981]	10.04-	113351	28 100				
		10.04-	115497	28 100 A49				
2441 11.9	(Actros MP2 / MP3)[OM541.974]	06.08-	113351	28 100				
		06.08-	115497	28 100 A49				
	[OM541.990]	06.08-	113351	28 100				
		06.08-	115497	28 100 A49				
2444 11.9	(Actros MP2 / MP3)[OM541.976]	06.08-	113351	28 100				
		06.08-	115497	28 100 A49				
	[OM541.992]	06.08-	113351	28 100				
		06.08-	115497	28 100 A49				
2444 14.6	(NG)[OM442.951]	08.73- 09.96	113920	28 35		10.85- 09.96	110206	24 5.4
		11.86- 09.96	110895	28 55				
		11.86- 02.91	110906	28 30				
	[OM442.953]	08.73- 09.96	113920	28 35		03.91- 09.96	110206	24 5.4
		11.86- 09.96	110895	28 55				
		11.86- 02.91	110906	28 30				
	[OM442.980]	08.73- 09.96	113920	28 35		10.85- 09.96	110206	24 5.4
		11.86- 09.96	110895	28 55				
		11.86- 02.91	110906	28 30				
2446 11.9	(Actros MP2 / MP3)[OM541.980]	06.08-	113351	28 100				
		06.08-	115497	28 100 A49				
	[OM541.994]	06.08-	113351	28 100				
		06.08-	115497	28 100 A49				
2448 11.9	(Actros MP2 / MP3)[OM541.978]	06.08-	113351	28 100				
		06.08-	115497	28 100 A49				
2448 14.6	(SK)[OM442.984]	01.88- 07.92	112159	28 80		07.87- 09.96	113855	24 5.4
		07.88- 07.92	110895	28 55		07.88- 07.92	110206	24 5.4
		07.88- 01.92	110906	28 30				
		03.91- 07.92	113920	28 35				
	[OM442.985]	07.88- 07.92	110895	28 55		07.87- 09.96	113855	24 5.4
		07.88- 02.91	110906	28 30		07.88- 07.92	110206	24 5.4
		07.88- 07.92	113920	28 35				
		10.88- 07.92	112159	28 80				
	[OM442.989]	07.88- 07.92	110895	28 55		07.88- 07.92	110206	24 5.4
		07.88- 02.91	110906	28 30		07.87- 09.96	113855	24 5.4
		10.88- 07.92	112159	28 80				
		03.91- 07.92	113920	28 35				
	[OM442.992]	07.88- 07.92	113920	28 35		07.88- 07.92	110206	24 5.4
2522 11.0	(MK)[OM441.905]	12.87- 09.96	113920	28 35				
2522 11.3	(MK)[OM441.920]	12.87- 09.96	113920	28 35				
2523 6.4	(Atego)[OM906.920]	05.98- 01.01	112561	28 80		05.98- 09.04	114523	24 4.0
		05.98- 01.01	113448	28 100		05.98- 01.01	111982	24 4.0
						05.98- 09.04	115514	24 4.0 A49

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2532 11.9	(Actros)[OM541.920]	04.03-	113278		04.03-	113609	24 6.2	
		04.03-	113351	28 100	04.03-	113851	24 7.5	
		04.03-	113448	28 100	04.03-	111771	24 6.2	
		04.03-	115497	28 100 A49				
	[OM541.940]	04.03-	113278		04.03-	113609	24 6.2	
		04.03-	113351	28 100	04.03-	113851	24 7.5	
		04.03-	113448	28 100	04.03-	111771	24 6.2	
		04.03-	115497	28 100 A49				
	[OM541.970]	04.03-	115497	28 100 A49				
	[OM541.996]	04.03-	115497	28 100 A49				
(Actros MP2 / MP3)	06.08-	113351	28 100					
	06.08-	115497	28 100 A49					
2533 7.2	(Axor 2)[OM926.913]	10.04-	112561	28 80	10.04-	111982	24 4.0	
					10.04-	114523	24 4.0	
					10.04-	115514	24 4.0 A49	
	[OM926.919]	10.04-	112561	28 80	10.04-	111982	24 4.0	
				10.04-	114523	24 4.0		
				10.04-	115514	24 4.0 A49		
	[OM926.921]	10.04-	112561	28 80	10.04-	111982	24 4.0	
				10.04-	114523	24 4.0		
				10.04-	115514	24 4.0 A49		
	[OM926.945]	10.04-	112561	28 80	10.04-	111982	24 4.0	
			10.04-	114523	24 4.0			
			10.04-	115514	24 4.0 A49			
[OM926.990]	10.04-	112561	28 80	10.04-	111982	24 4.0		
			10.04-	114523	24 4.0			
			10.04-	115514	24 4.0 A49			
2534 11.0	(MK)[OM441.986]	01.91-	110895	28 55	01.91-	110206	24 5.4	
		01.91- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4	
		01.91-	112159	28 80	01.91-	110210	24 6.6	
		03.91- 02.01	113920	28 35				
	[OM441.987]	01.91-	110895	28 55	01.91-	110206	24 5.4	
		01.91- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4	
		01.91-	112159	28 80				
		03.91- 01.01	113920	28 35				
	[OM441.989]	01.91-	110895	28 55	01.91-	110206	24 5.4	
		01.91- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4	
		01.91-	112159	28 80	01.91-	110210	24 6.6	
		03.91- 02.01	113920	28 35				
	[OM441.991]	01.91-	110895	28 55	12.87- 09.96	113855	24 5.4	
		01.91- 02.91	110906	28 30	01.91-	110206	24 5.4	
		01.91-	112159	28 80				
		03.91- 09.96	113920	28 35				
	[OM445.920]	01.91-	110895	28 55	01.91-	110210	24 6.6	
		01.91- 02.91	110906	28 30	12.87- 09.96	110206	24 5.4	
		01.91-	112159	28 80	12.87- 09.96	113855	24 5.4	
		03.94- 01.01	113920	28 35				
	[OM445.921]	01.91-	110895	28 55	01.91-	110206	24 5.4	
		01.91- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4	
		01.91-	112159	28 80				
01.94- 01.01		113920	28 35					
[OM445.922]	01.91-	110895	28 55	01.91-	110206	24 5.4		
	01.91- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4		
	01.91-	112159	28 80					
	01.94- 01.01	113920	28 35					
[OM445.929]	12.87- 09.96	113920	28 35	12.87- 09.96	110206	24 5.4		
(SK)[OM441.986]	07.87- 09.96	113920	28 35					
[OM441.996]	07.87- 09.96	113920	28 35					
[OM445.920]	07.87- 09.96	113920	28 35					
[OM445.930]	07.87- 09.96	113920	28 35					
[OM445.939]	07.87- 09.96	113920	28 35					
2535 11.9	(Actros)[OM541.922]	09.96- 01.01	112561	28 80	09.96- 10.02	113609	24 6.2	
		09.96- 01.01	113278		09.96- 10.02	111771	24 6.2	
		09.96- 01.01	113351	28 100	09.96- 10.02	113851	24 7.5	
		09.96- 01.01	113448	28 100				
		09.96- 10.02	115497	28 100 A49				
[OM541.942]	09.96- 10.02	115497	28 100 A49					
2535 12.0	(Axor 2)[OM457.937]	10.04-	113351	28 100				
		10.04-	115497	28 100 A49				
		[OM457.948]	10.04-	113351	28 100			
		[OM457.980]	10.04-	115497	28 100 A49			
2536 11.9	(Actros)[OM541.922]	04.03-	112561	28 80	04.03-	113609	24 6.2	
		04.03-	113278		04.03-	113851	24 7.5	
		04.03-	113351	28 100	04.03-	111771	24 6.2	
		04.03-	113448	28 100				
		04.03-	115497	28 100 A49				
	[OM541.942]	04.03-	113278		04.03-	113609	24 6.2	
		04.03-	113351	28 100	04.03-	113851	24 7.5	
		04.03-	113448	28 100	04.03-	111771	24 6.2	
		04.03-	115497	28 100 A49				
	[OM541.943]	04.03-	113278		04.03-	113609	24 6.2	
		04.03-	113351	28 100	04.03-	113851	24 7.5	
		04.03-	113448	28 100	04.03-	111771	24 6.2	
		04.03-	115497	28 100 A49				
[OM541.972]	04.03-	115497	28 100 A49					
[OM541.998]	04.03-	115497	28 100 A49					



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Application list

	(Actros MP2 / MP3)	06.08-	113351	28 100				
		06.08-	115497	28 100 A49				
2536 12.0	(Axor 2)[OM457.937]	10.04-	113351	28 100				
		10.04-	115497	28 100 A49				
	[OM457.948]	10.04-	113351	28 100				
		10.04-	115497	28 100 A49				
	[OM457.980]	10.04-	113351	28 100				
		10.04-	115497	28 100 A49				
2536 14.6	(NG)[OM442.950]	10.81- 03.91	113920	28 35				
	[OM442.952]	10.81- 03.91	113920	28 35				
	[OM442.962]	10.81- 03.91	113920	28 35				
2536 18.3	(NG)[OM423.905]	10.81- 03.91	113920	28 35				
	[OM423.907]	10.81- 03.91	113920	28 35				
2538 12.8	(SK)[OM402.971]	03.91-	110895	28 55	03.91-	110210	24 6.6	
		03.91- 09.96	113920	28 35	03.91-	110206	24 5.4	
					07.87- 09.96	113855	24 5.4	
	[OM402.972]	03.91-	110895	28 55	03.91-	110210	24 6.6	
		03.91-	110906	28 30	07.87- 09.96	113855	24 5.4	
		03.91- 09.96	113920	28 35	03.91-	110206	24 5.4	
	[OM402.975]	03.91-	110895	28 55	03.91-	110210	24 6.6	
		03.91- 08.96	113920	28 35	03.91-	110206	24 5.4	
					07.87- 09.96	113855	24 5.4	
	[OM402.985]	03.91-	110895	28 55	03.91-	110210	24 6.6	
		03.91- 08.96	113920	28 35	03.91-	110206	24 5.4	
					07.87- 09.96	113855	24 5.4	
	[OM402.986]	03.91-	110895	28 55	03.91-	110210	24 6.6	
		03.91- 02.01	113920	28 35	03.91-	110206	24 5.4	
					07.87- 09.96	113855	24 5.4	
	[OM402.989]	03.91-	110895	28 55	03.91-	110210	24 6.6	
		03.91-	110906	28 30	07.87- 09.96	113855	24 5.4	
		03.91- 08.96	113920	28 35	03.91-	110206	24 5.4	
	[OM402.990]	03.91- 08.96	113920	28 35	03.91-	110206	24 5.4	
2538 14.6	(SK)[OM440.970]	03.91-	112159	28 80	03.91-	110210	24 6.6	
		03.91- 09.96	113920	28 35	03.91-	110206	24 5.4	
	[OM440.971]	03.91- 09.96	113920	28 35	03.91-	110206	24 5.4	
					03.91-	110210	24 6.6	
	[OM440.978]	03.91-	112159	28 80	03.91-	110210	24 6.6	
		03.91- 02.01	113920	28 35	03.91-	110206	24 5.4	
	[OM440.980]	03.91-	112159	28 80	03.91-	110210	24 6.6	
		03.91- 09.96	113920	28 35	03.91-	110206	24 5.4	
	[OM440.981]	03.91- 09.96	113920	28 35	03.91-	110206	24 5.4	
					03.91-	110210	24 6.6	
	[OM442.989]	03.91- 08.96	113920	28 35	03.91-	110206	24 5.4	
					03.91-	110210	24 6.6	
	[OM442.997]	03.91- 09.96	113920	28 35	03.91-	110206	24 5.4	
					03.91-	110210	24 6.6	
	[OM446.924]	01.94-	112159	28 80	01.94-	110206	24 5.4	
	[OM446.925]	01.94-	112159	28 80	01.94-	110206	24 5.4	
	[OM446.928]	01.94-	112159	28 80	01.94-	110206	24 5.4	
	[OM446.929]	01.94-	112159	28 80	01.94-	110206	24 5.4	
	[OM446.942]	03.91-	112159	28 80	03.91-	110206	24 5.4	
	[OM446.948]	03.91-	112159	28 80	03.91-	110206	24 5.4	
2540 11.9	(Actros)[OM541.923]	09.96- 01.01	112561	28 80	09.96- 10.02	113609	24 6.2	
		09.96- 01.01	113278		09.96- 10.02	111771	24 6.2	
		09.96- 01.01	113351	28 100	09.96- 10.02	113851	24 7.5	
		09.96- 01.01	113448	28 100				
		09.96- 10.02	115497	28 100 A49				
	[OM541.944]	09.96-	112561	28 80	09.96- 10.02	113609	24 6.2	
		09.96-	113351	28 100	09.96- 10.02	113851	24 7.5	
		09.96-	113448	28 100	09.96- 10.02	111771	24 6.2	
		09.96- 10.02	115497	28 100 A49				
2540 12.0	(Axor 2)[OM457.937]	10.04-	113351	28 100				
		10.04-	115497	28 100 A49				
	[OM457.948]	10.04-	113351	28 100				
		10.04-	115497	28 100 A49				
	[OM457.980]	10.04-	113351	28 100				
		10.04-	115497	28 100 A49				
	[OM457.981]	10.04-	113351	28 100				
		10.04-	115497	28 100 A49				
2541 11.9	(Actros)[OM541.923]	04.03-	113278		04.03-	113609	24 6.2	
		04.03-	113351	28 100	04.03-	113851	24 7.5	
		04.03-	113448	28 100	04.03-	111771	24 6.2	
		04.03-	115497	28 100 A49				
	[OM541.944]	04.03-	115497	28 100 A49	04.03-	111771	24 6.2	
					04.03-	113609	24 6.2	
					04.03-	113851	24 7.5	
	[OM541.974]	04.03-	115497	28 100 A49				
	[OM541.990]	04.03-	115497	28 100 A49				
	(Actros MP2 / MP3)[OM541.974]	06.08-	112561	28 80				
2543 11.9	(Actros)[OM541.925]	09.96- 01.01	112561	28 80	09.96- 10.02	113851	24 7.5	
		09.96- 01.01	113278		09.96- 10.02	111771	24 6.2	
		09.96- 01.01	113351	28 100	09.96- 10.02	113609	24 6.2	
		09.96- 01.01	113448	28 100				
		09.96- 10.02	115497	28 100 A49				
	[OM541.946]	09.96-	112561	28 80	09.96- 10.02	113851	24 7.5	
		09.96-	113351	28 100	09.96- 10.02	113609	24 6.2	
		09.96-	113448	28 100	09.96- 10.02	111771	24 6.2	
		09.96- 10.02	115497	28 100 A49				

STARTERS & ALTERNATORS

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2543 12.0	(Axor 2)[OM457.937]	10.04-	113351	28 100				
		10.04-	115497	28 100 A49				
	[OM457.948]	10.04-	113351	28 100				
		10.04-	115497	28 100 A49				
	[OM457.980]	10.04-	113351	28 100				
		10.04-	115497	28 100 A49				
2544 11.9	(Actros)[OM541.925]	04.03-	113278		04.03-	113851	24 7.5	
		04.03-	113351	28 100	04.03-	113609	24 6.2	
		04.03-	113448	28 100	04.03-	111771	24 6.2	
		04.03-	115497	28 100 A49				
	[OM541.946]	04.03-	115497	28 100 A49	04.03-	111771	24 6.2	
					04.03-	113609	24 6.2	
					04.03-	113851	24 7.5	
	[OM541.976]	04.03-	115497	28 100 A49				
	[OM541.992]	04.03-	115497	28 100 A49				
	(Actros MP2 / MP3)[OM541.976]	06.08-	113351	28 100				
	06.08-	115497	28 100 A49					
2544 14.6	(SK)[OM440.970]	07.88- 09.96	113920	28 35	01.92- 09.96	110206	24 5.4	
		01.92-	112159	28 80	01.92-	110210	24 6.6	
	[OM440.972]	01.92- 09.96	110895	28 55	01.92- 09.96	110206	24 5.4	
		01.92-	112159	28 80				
		01.92- 09.96	113920	28 35				
	[OM440.978]	01.92- 09.96	113920	28 35	01.92-	110210	24 6.6	
					01.92- 09.96	110206	24 5.4	
	[OM446.922]	01.92- 09.96	113920	28 35	01.92- 09.96	110206	24 5.4	
		01.94-	112159	28 80	01.92-	110210	24 6.6	
	[OM446.942]				01.92- 09.96	110206	24 5.4	
				01.92-	110210	24 6.6		
2546 11.9	(Actros)[OM541.948]	04.03-	113278		04.03-	113609	24 6.2	
		04.03-	113351	28 100	04.03-	113851	24 7.5	
		04.03-	115497	28 100 A49				
	[OM541.980]	04.03-	115497	28 100 A49				
	[OM541.994]	04.03-	115497	28 100 A49				
	(Actros MP2 / MP3)	06.08-	113351	28 100				
		06.08-	115497	28 100 A49				
2548 11.9	(Actros)[OM541.948]	04.03-	115497	28 100 A49	04.03-	113851	24 7.5	
					04.03-	113609	24 6.2	
	[OM541.978]	04.03-	115497	28 100 A49				
	(Actros MP2 / MP3)[OM541.948]	04.03-	113351	28 100	04.03-	113609	24 6.2	
		04.03-	115497	28 100 A49				
	[OM541.978]	04.03-	113351	28 100	04.03-	113609	24 6.2	
		04.03-	115497	28 100 A49				
2548 15.9	(Actros)[OM542.921]	09.96- 01.01	112561	28 80	09.96- 10.02	113609	24 6.2	
		09.96- 01.01	113278		09.96- 10.02	113851	24 7.5	
		09.96- 01.01	113351	28 100	09.96- 10.02	111771	24 6.2	
		09.96- 01.01	113448	28 100				
		09.96- 10.02	115497	28 100 A49				
	[OM542.940]	09.96- 10.02	115497	28 100 A49				
2550 14.6	(SK)[OM440.971]	01.91- 09.96	113920	28 35	01.91- 09.96	110206	24 5.4	
					01.91-	110210	24 6.6	
	[OM440.973]	01.91- 09.96	113920	28 35	01.91-	110210	24 6.6	
					01.91-	110206	24 5.4	
	[OM440.981]	07.87- 09.96	113920	28 35				
	[OM440.998]	01.91- 09.96	111629	28 120	01.91- 09.96	110206	24 5.4	
		01.91- 09.96	111833	28 140	01.91-	110210	24 6.6	
		07.91-	110895	28 55				
		07.91- 09.96	113920	28 35				
	[OM442.989]	07.87- 09.96	113920	28 35	01.91- 09.96	110206	24 5.4	
					01.91-	110210	24 6.6	
	[OM442.997]	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4	
		01.91-	110895	28 55	01.91-	110210	24 6.6	
		01.91-	112159	28 80				
	[OM442.998]	06.91-	112159	28 80	07.87- 09.96	110206	24 5.4	
		07.91-	110895	28 55				
		07.91- 08.96	113920	28 35				
[OM446.920]	01.94-	112159	28 80	01.94-	110206	24 5.4		
				01.91-	110210	24 6.6		
2550 15.9	(Actros MP2 / MP3)[OM542.940]	04.03-	112561	28 80				
		04.03-	113448	28 100				
2551 15.9	(Actros MP2 / MP3)[OM542.960]	04.03-	113351	28 100				
		04.03-	115497	28 100 A49				
2551 16.0	(Actros)[OM542.960]	04.03-	115497	28 100 A49	04.03-	113851	24 7.5	
					04.03-	113609	24 6.2	
2553 14.6	(SK)[OM446.920]	01.96-	112159	28 80	01.96-	110206	24 5.4	
2553 15.9	(Actros)[OM542.920]	09.96- 01.01	112561	28 80	09.96- 10.02	113851	24 7.5	
		09.96- 01.01	113278		09.96- 10.02	113609	24 6.2	
		09.96- 01.01	113351	28 100	09.96- 10.02	111771	24 6.2	
		09.96- 01.01	113448	28 100				
		09.96- 10.02	115497	28 100 A49				
	[OM542.942]	09.96- 10.02	115497	28 100 A49				
2554 15.9	(Actros MP2 / MP3)[OM542.942]	04.03-	113448	28 100				
2555 15.9	(Actros MP2 / MP3)[OM542.962]	04.03-	113351	28 100				
		04.03-	115497	28 100 A49				

## STARTERS &amp; ALTERNATORS

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2555 16.0	(Actros)[OM542.962]	09.05-	115497	28	100 A49	09.05-09.05-	113851	24	7.5
							113609	24	6.2
2557 15.9	(Actros)[OM542.922]	09.96-09.96-09.96-09.96-09.96-10.02	112561 113278 113351 113448 115497	28	80 100 100 100 A49	09.96-10.02 09.96-10.02 09.96-10.02	113609 113851 111771	24	6.2 7.5 6.2
2558 15.9	(Actros MP2 / MP3)[OM542.944]	04.03-	113448	28	100				
2560 15.9	(Actros MP2 / MP3)[OM542.964]	04.03-04.03-	113351 115497	28	100 100 A49				
2626 12.8	(NG)[OM402.906]	03.78-12.81	110113	28	27	03.77-12.81 08.73-02.77 08.73-12.81 08.73-12.81	110206 110210 112120 113855	24	5.4 6.6 6.6 5.4
	[OM402.912]	03.78-12.81	110113	28	27	08.73-02.77 03.77-12.81 08.73-12.81 08.73-12.81	110210 110206 112120 113855	24	6.6 5.4 6.6 5.4
	[OM402.916]	03.78-03.81	110113	28	27	03.77-03.81 06.75-02.77 06.75-03.81 06.75-03.81	110206 110210 112120 113855	24	5.4 6.6 6.6 5.4
	[OM402.926]	03.78-12.80	110113	28	27	03.77-12.80 05.74-02.77 05.74-12.80 05.74-12.80	110206 110210 112120 113855	24	5.4 6.6 6.6 5.4
2628 14.6	(NG)[OM422.905]	02.80-10.86 11.86-03.91 11.86-03.91	110113 110895 110906	28	27 55 30	05.83-03.91 02.80-03.91 02.80-03.91 02.80-03.91	110210 110206 112120 113855	24	6.6 5.4 6.6 5.4
	[OM422.907]	02.80-10.86 11.86-03.91 11.86-03.91	110113 110895 110906	28	27 55 30	05.83-03.91 02.80-03.91 02.80-03.91 02.80-03.91	110210 112120 110206 113855	24	6.6 6.6 5.4 5.4
	[OM422.911]	02.80-10.86 11.86-03.91 11.86-03.91	110113 110895 110906	28	27 55 30	05.83-03.91 02.80-03.91 02.80-03.91 02.80-03.91	110210 110206 112120 113855	24	6.6 5.4 6.6 5.4
	[OM422.913]	02.80-10.86 11.86-03.91 11.86-03.91	110113 110895 110906	28	27 55 30	05.83-03.91 02.80-03.91 02.80-03.91 02.80-03.91	110210 110206 112120 113855	24	6.6 5.4 6.6 5.4
2628 18.3	(NG)[OM443.940]	01.90-03.91 01.90-03.91	110895 110906	28	55 30	01.90-03.91 01.90-03.91 01.90-03.91	110210 112120 113855	24	6.6 6.6 5.4
2628 6.4	(Atego)[OM906.921]	05.98-01.01 05.98-01.01	112561 113448	28	80 100	05.98-09.04 05.98-01.01 05.98-09.04	114523 111982 115514	24	4.0 4.0 4.0 A49
	(Axor)[OM902.915]	10.04-	115497	28	100 A49	10.04-10.04-	114523 115514	24	4.0 4.0 A49
	[OM906.921]	01.02-01.02-01.02-08.06	113351 113448 115497	28	100 100 100 A49	01.02-09.06 01.02-10.04	111982 115514 114523	24	4.0 4.0 A49 4.0
	[OM906.926]	10.04-	115497	28	100 A49	10.04-10.04-	114523 115514	24	4.0 4.0 A49
	(Econic)[OM906.941]	03.98-01.01 03.98-01.01	112561 113448	28	80 100	01.98-03.98-01.01 01.98-03.01	114523 111982 115514	24	4.0 4.0 4.0 A49
	[OM906.952]	03.98-03.98-	112561 113448	28	80 100	03.98-01.98-01.98-03.01	111982 114523 115514	24	4.0 4.0 4.0 A49
2628 6.9	(Econic)[M906.900]	10.00-10.00-10.00-10.00-	112561 113351 113448 115497	28	80 100 100 100 A49	10.00-10.00-10.00-	114523 115514 111982	24	4.0 4.0 A49 4.0
2629 12.8	(SK)[OM402.982]	07.88-08.94	113920	28	35	07.88-08.94	110206	24	5.4
2629 14.6	(SK)[OM440.970]	07.88-08.94	113920	28	35	07.88-08.94	110206	24	5.4
	[OM440.971]	07.88-08.94	113920	28	35	07.88-08.94	110206	24	5.4
	[OM442.942]	07.88-08.94	113920	28	35	07.88-08.94	110206	24	5.4
	[OM442.959]	07.88-08.94	113920	28	35	07.88-08.94	110206	24	5.4
	[OM442.966]	07.88-08.94	113920	28	35	07.88-08.94	110206	24	5.4
	[OM442.989]	07.88-08.94	113920	28	35	07.88-08.94	110206	24	5.4
	[OM442.997]	07.88-08.94	113920	28	35	07.88-08.94	110206	24	5.4
2629 15.1	(SK)[OM442.906]	07.88-08.94 07.88-08.94	112159 113920	28	80 35	07.88-08.94	110206	24	5.4
	[OM442.907]	07.88-08.94 07.88-08.94	112159 113920	28	80 35	07.88-08.94	110206	24	5.4
	[OM442.917]	07.88-08.94 07.88-08.94	112159 113920	28	80 35	07.88-08.94	110206	24	5.4
	[OM442.925]	07.88-08.94	113920	28	35	07.88-08.94	110206	24	5.4
	[OM442.926]	07.88-08.94 10.88-08.94	113920 112159	28	35 80	07.88-08.94	110206	24	5.4
	[OM442.929]	07.88-08.94	113920	28	35	07.88-08.94	110206	24	5.4
2629 18.3	(SK)[OM443.940]	07.88-08.94	113920	28	35	07.88-08.94	110206	24	5.4
2629 4.1	(SK)[OM442.906]	07.88-08.94	113920	28	35	07.88-08.94	110206	24	5.4
		10.88-08.94	112159	28	80				
2629 6.4	(Axor)[OM902.915]	10.04-	115497	28	100 A49	10.04-10.04-	114523 115514	24	4.0 4.0 A49

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	[OM906.921]	10.04-	115497	28	100	A49	10.04-	114523	24	4.0
	[OM906.926]	10.04-	115497	28	100	A49	10.04-	115514	24	4.0 A49
2629 9.6	(SK)[OM401.979]						10.04-	114523	24	4.0
2631 11.0	(SK)[OM441.998]	07.88- 09.96	113920	28	35		07.88- 08.94	110206	24	5.4
	[OM445.920]	06.92- 09.96	113920	28	35		06.92-	110206	24	5.4
	[OM445.929]	07.88- 09.96	113920	28	35		06.92-	110210	24	6.6
	[OM445.930]	06.92- 09.96	113920	28	35		01.94-	110206	24	5.4
	[OM445.931]	06.92- 09.96	113920	28	35		06.92-	110210	24	6.6
2631 11.9	(Actros)[OM541.920]	04.96- 10.02	115497	28	100	A49	04.96- 10.02	113609	24	6.2
		04.97-	112561	28	80		04.96- 10.02	113851	24	7.5
		04.97-	113278	28	100		04.97- 10.02	111771	24	6.2
		04.97-	113351	28	100					
		04.97-	113448	28	100					
	[OM541.940]	04.97- 10.02	115497	28	100	A49				
2631 9.6	(SK)[OM401.972]	06.92-	112159	28	80		06.92-	110206	24	5.4
		06.92- 09.96	113920	28	35		06.92-	110210	24	6.6
	[OM401.979]	07.88- 08.94	113920	28	35		07.88- 08.94	110206	24	5.4
	[OM401.981]	06.92-	112159	28	80		06.92-	110210	24	6.6
	[OM401.986]	06.92-	112159	28	80		06.92-	110206	24	5.4
		06.92- 08.96	113920	28	35		06.92-	110210	24	6.6
	[OM401.987]	06.92- 09.96	110895	28	55		06.92-	110210	24	6.6
		06.92- 09.96	112159	28	80		06.92-	110206	24	5.4
		06.92- 09.96	113920	28	35					
	[OM401.993]	06.92- 09.96	113920	28	35		06.92-	110206	24	5.4
							06.92-	110210	24	6.6
2632 11.9	(Actros)[OM541.940]	04.03-	112561	28	80		04.03-	113851	24	7.5
		04.03-	113278	28	100		04.03-	113609	24	6.2
		04.03-	113351	28	100		04.03-	111771	24	6.2
		04.03-	113448	28	100					
		04.03-	115497	28	100	A49				
	[OM541.970]	04.03-	115497	28	100	A49	04.03-	113851	24	7.5
							04.03-	113609	24	6.2
	[OM541.996]	04.03-	115497	28	100	A49				
2632 15.9	(NG)[OM403.916]	03.78- 09.83	110113	28	27		08.73- 09.83	110210	24	6.6
							08.73- 09.83	112120	24	6.6
							08.73- 09.83	113855	24	5.4
	[OM403.931]	03.78- 09.83	110113	28	27		08.73- 09.83	110210	24	6.6
							08.73- 09.83	112120	24	6.6
							08.73- 09.83	113855	24	5.4
	[OM403.932]	03.78- 09.83	110113	28	27		05.74- 09.83	110210	24	6.6
							05.74- 09.83	112120	24	6.6
							05.74- 09.83	113855	24	5.4
	[OM403.935]	03.78- 09.83	110113	28	27		08.73- 09.83	110210	24	6.6
							08.73- 09.83	112120	24	6.6
							08.73- 09.83	113855	24	5.4
2633 14.6	(NG)[OM422.952]	05.82- 10.86	110113	28	27		05.82- 05.87	110210	24	6.6
		11.86- 05.87	110895	28	55		05.82- 05.87	112120	24	6.6
		11.86- 05.87	110906	28	30		05.82- 05.87	113855	24	5.4
	[OM422.954]	05.82- 10.86	110113	28	27		05.82- 05.87	110210	24	6.6
		11.86- 05.87	110895	28	55		05.82- 05.87	113855	24	5.4
		11.86- 05.87	110906	28	30		05.82- 05.87	112120	24	6.6
	[OM422.956]	05.82- 10.87	110113	28	27		05.82- 05.87	110210	24	6.6
		11.86- 05.87	110895	28	55		05.82- 05.87	113855	24	5.4
		11.86- 05.87	110906	28	30		05.82- 05.87	112120	24	6.6
2633 6.4	(Econic)							111982	24	4.0
								114523	24	4.0
							03.00-	115514	24	4.0 A49
2633 7.2	(Axor)[OM926.913]	10.04- 08.06	115497	28	100	A49	10.04-	114523	24	4.0
							10.04- 08.06	115514	24	4.0 A49
	(Axor 2)[OM926.913]	10.04-	113448	28	100					
	[OM926.919]	10.04-	113448	28	100					
	[OM926.945]	10.04-	113448	28	100					
	(Econic)[OM926.921]	10.01-	113351	28	100		10.01-	111982	24	4.0
		10.01-	115497	28	100	A49	10.01-	114523	24	4.0
							10.01-	115514	24	4.0 A49
	[OM926.934]	10.01-	113351	28	100		10.01-	111982	24	4.0
		10.01-	115497	28	100	A49	10.01-	114523	24	4.0
							10.01-	115514	24	4.0 A49
2634 11.0	(SK)[OM441.986]	06.92- 09.96	113920	28	35		06.92- 09.96	110206	24	5.4
2634 9.6	(SK)[OM401.986]	06.92- 08.96	113920	28	35					
2635 11.9	(Actros)[OM541.922]	04.96- 10.02	115497	28	100	A49	04.97- 10.02	111771	24	6.2
		04.97-	112561	28	80		04.96- 10.02	113851	24	7.5
		04.97-	113278	28	100		04.96- 10.02	113609	24	6.2
		04.97-	113351	28	100					
		04.97-	113448	28	100					
	[OM541.942]	04.97-	112561	28	80		04.97- 10.02	113851	24	7.5
		04.97-	113278	28	100		04.97- 10.02	113609	24	6.2
		04.97-	113351	28	100		04.97- 10.02	111771	24	6.2
		04.97-	113448	28	100					
		04.97- 10.02	115497	28	100	A49				

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Application list

2635 12.8	(SK)[OM402.971]	01.91- 08.94	113920	28 35	01.91- 08.94	110206	24 5.4
2635 14.6	(NG)[OM442.950]	04.86- 10.86	110113	28 27	04.86- 03.91	113855	24 5.4
		11.86- 03.91	110895	28 55	04.86- 03.91	110206	24 5.4
	[OM442.952]	11.86- 03.91	110906	28 30			
		04.86- 10.86	110113	28 27	04.86- 03.91	113855	24 5.4
		11.86- 03.91	110895	28 55	04.86- 03.91	110206	24 5.4
	[OM442.962]	11.86- 03.91	110906	28 30			
		09.87- 03.91	113920	28 35	09.87- 03.91	110206	24 5.4
	(SK)[OM440.940]	10.88- 03.91	112159	28 80			
		07.88- 08.94	112159	28 80	07.88- 08.94	110206	24 5.4
	[OM440.941]	03.91- 08.94	113920	28 35	02.90- 08.94	110206	24 5.4
		03.91- 08.94	113920	28 35	02.90- 08.94	110206	24 5.4
	[OM440.970]	07.91- 08.94	113920	28 35	07.91- 08.94	110206	24 5.4
		12.91- 08.94	113920	28 35	02.90- 08.94	110206	24 5.4
	[OM440.971]	12.91- 08.94	113920	28 35	02.90- 08.94	110206	24 5.4
		12.91- 08.94	113920	28 35	02.90- 08.94	110206	24 5.4
	[OM442.942]	02.90- 08.94	112159	28 80	02.90- 08.94	110206	24 5.4
		02.90- 08.94	113920	28 35			
	[OM442.944]	07.88- 08.94	113920	28 35	07.88- 08.94	110206	24 5.4
		10.88- 08.94	112159	28 80			
	[OM442.964]	07.88- 08.94	113920	28 35	07.88- 08.94	110206	24 5.4
		10.88- 08.94	112159	28 80			
	[OM442.966]	07.88- 08.94	113920	28 35	07.88- 08.94	110206	24 5.4
		10.88- 08.94	112159	28 80			
	[OM442.972]	02.90- 08.94	112159	28 80	02.90- 08.94	110206	24 5.4
		02.90- 08.94	113920	28 35			
	[OM442.976]	07.88- 08.94	110895	28 55			
		07.88- 08.94	113920	28 35			
		10.88- 08.94	112159	28 80			
	[OM442.989]	07.88- 09.96	113920	28 35	07.88- 08.94	110206	24 5.4
		07.88- 08.94	113920	28 35	07.88- 08.94	110206	24 5.4
	[OM442.994]	07.88- 08.94	113920	28 35	07.88- 08.94	110206	24 5.4
		07.88- 08.94	113920	28 35	07.88- 08.94	110206	24 5.4
2635 15.1	(SK)[OM442.909]	07.88- 08.94	113920	28 35	07.88- 08.94	110206	24 5.4
		07.88- 08.94	113920	28 35	07.88- 08.94	110206	24 5.4
2636 11.9	(Actros)[OM541.942]	04.03-	112561	28 80	04.03-	113851	24 7.5
		04.03-	113278		04.03-	113609	24 6.2
		04.03-	113351	28 100	04.03-	111771	24 6.2
		04.03-	113448	28 100			
		04.03-	115497	28 100 A49			
		04.03-	115497	28 100 A49	04.03-	113851	24 7.5
	[OM541.972]	04.03-	115497	28 100 A49	04.03-	113609	24 6.2
2636 12.0	(Axor)[OM457.937]	10.04-	115497	28 100 A49	10.04-	113609	24 6.2
		10.04-	115497	28 100 A49	10.04-	113851	24 7.5
	[OM457.948]	10.04-	115497	28 100 A49	10.04-	113609	24 6.2
		10.04-	115497	28 100 A49	10.04-	113851	24 7.5
	(Axor 2)[OM457.937]	10.04-	113351	28 100			
		10.04-	115497	28 100 A49			
2636 18.3	(NG)[OM423.905]	11.81- 10.86	110113	28 27	11.81- 03.91	110210	24 6.6
		11.86- 03.91	110895	28 55	11.81- 03.91	112120	24 6.6
		11.86- 03.91	110906	28 30	11.81- 03.91	113855	24 5.4
	[OM423.907]	11.81- 10.86	110113	28 27	11.81- 03.91	113855	24 5.4
		11.86- 03.91	110895	28 55	11.81- 03.91	110210	24 6.6
		11.86- 03.91	110906	28 30	11.81- 03.91	112120	24 6.6
	[OM443.940]	11.81- 10.86	110113	28 27	11.81- 03.91	112120	24 6.6
		11.86- 03.91	110895	28 55	11.81- 03.91	110210	24 6.6
		11.86- 03.91	110906	28 30			
2638 12.8	(SK)[OM402.971]	09.91-	110895	28 55	09.91-	110206	24 5.4
		09.91-	112159	28 80			
		09.91- 08.96	113920	28 35			
	[OM402.972]	09.91-	110895	28 55	09.91-	110206	24 5.4
		09.91-	112159	28 80			
		09.91- 08.96	113920	28 35			
	[OM402.975]	09.91- 09.96	110895	28 55	09.91- 09.96	110206	24 5.4
		09.91- 09.96	112159	28 80			
		09.91- 09.96	113920	28 35			
	[OM402.978]	09.91- 09.96	110895	28 55	09.91- 09.96	110206	24 5.4
		09.91- 09.96	112159	28 80			
		09.91- 09.96	113920	28 35			
	[OM402.985]	03.91-	110895	28 55	09.91-	110206	24 5.4
		03.91- 09.96	113920	28 35			
	[OM402.986]	03.91-	110895	28 55	09.91-	110206	24 5.4
		03.91- 09.96	113920	28 35			
	[OM402.996]	09.91- 09.96	110895	28 55	09.91- 09.96	110206	24 5.4
		09.91- 09.96	112159	28 80			
09.91- 09.96		113920	28 35				
2638 14.6	(NG)[OM422.953]	01.81- 10.86	110113	28 27	01.81- 12.86	113855	24 5.4
		06.85- 12.86	113920	28 35	01.81- 12.86	110210	24 6.6
		11.86- 12.86	110895	28 55	01.81- 12.86	112120	24 6.6
		11.86- 12.86	110906	28 30			
	[OM422.955]	01.81- 10.86	110113	28 27	01.81- 12.86	113855	24 5.4
06.85- 12.86		113920	28 35	01.81- 12.86	110210	24 6.6	
11.86- 12.86		110895	28 55	01.81- 12.86	112120	24 6.6	
11.86- 12.86		110906	28 30				
[OM422.959]	06.85- 12.86	113920	28 35	01.81- 12.86	112120	24 6.6	
	11.86- 12.86	110895	28 55	01.81- 12.86	110210	24 6.6	
(SK)[OM440.970]	09.91- 09.96	113920	28 35	09.91- 09.96	110206	24 5.4	
	09.91- 08.96	113920	28 35	09.91-	110206	24 5.4	
[OM440.978]	09.91- 08.96	113920	28 35	07.92- 09.96	110206	24 5.4	
[OM440.979]	07.92- 09.96	113920	28 35				

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	[OM440.981]	09.91- 08.96	113920	28 35	09.91-	110206	24 5.4
	[OM440.982]	07.92- 08.96	113920	28 35	07.92-	110206	24 5.4
	[OM440.990]	09.91- 08.96	113920	28 35	09.91-	110206	24 5.4
	[OM442.989]	09.91- 09.96	113920	28 35	09.91-	110206	24 5.4
	[OM442.997]	09.91- 09.96	113920	28 35	09.91-	110206	24 5.4
	[OM446.924]	09.91- 01.94-	112159 110895	28 80 28 55	09.91-	110206	24 5.4
	[OM446.925]	09.91- 01.94-	112159 110895	28 80 28 55	09.91-	110206	24 5.4
	[OM446.926]	09.91- 01.94-	112159 110895	28 80 28 55	09.91-	110206	24 5.4
	[OM446.927]	01.94- 09.96	112159	28 80	01.94- 09.96	110206	24 5.4
	[OM446.936]	07.92- 08.96	113920	28 35	07.92-	110206	24 5.4
2640 11.9	(Actros)[OM541.923]	04.96- 10.02	115497	28 100 A49	12.90-	110206	24 5.4
		09.96-	112561	28 80	04.96- 10.02	113851	24 7.5
		09.96-	113278		04.96- 10.02	113609	24 6.2
		09.96-	113351	28 100	09.96- 10.02	111771	24 6.2
		09.96-	113448	28 100			
	[OM541.944]	09.96- 10.02	115497	28 100 A49			
2640 12.0	(Axor)[OM457.956]	10.04-	115497	28 100 A49	10.04-	113851	24 7.5
					10.04-	113609	24 6.2
	[OM457.957]	10.04-	115497	28 100 A49	10.04-	113851	24 7.5
					10.04-	113609	24 6.2
	(Axor 2)[OM457.937]	10.04- 10.04-	113351 115497	28 100 28 100 A49			
2641 11.9	(Actros)[OM541.944]	04.03- 04.03- 04.03- 04.03-	112561 113278 113351 113448	28 80 28 100 28 100 28 100	04.03- 04.03- 04.03-	113609 113851 111771	24 6.2 24 7.5 24 6.2
		04.03-	115497	28 100 A49			
	[OM541.974]	04.03-	115497	28 100 A49	04.03-	113851	24 7.5
					04.03-	113609	24 6.2
	[OM541.990]	04.03-	115497	28 100 A49			
2643 11.9	(Actros)[OM541.925]	04.96- 10.02	115497	28 100 A49	04.97- 10.02	111771	24 6.2
		04.97-	112561	28 80	04.96- 10.02	113851	24 7.5
		04.97-	113278		04.96- 10.02	113609	24 6.2
		04.97-	113351	28 100			
		04.97-	113448	28 100			
	[OM541.946]	04.97- 10.02	115497	28 100 A49			
2643 12.0	(Axor)[OM457.956]	10.04-	115497	28 100 A49	10.04-	113851	24 7.5
					10.04-	113609	24 6.2
	[OM457.957]	10.04-	115497	28 100 A49	10.04-	113851	24 7.5
					10.04-	113609	24 6.2
	(Axor 2)[OM457.937]	10.04- 10.04-	113351 115497	28 100 28 100 A49			
2644 11.9	(Actros)[OM541.925]	06.03- 06.03- 06.03- 06.03-	112561 113278 113351 113448	28 80 28 100 28 100 28 100	04.03- 04.03- 04.03-	113609 113851 111771	24 6.2 24 7.5 24 6.2
		06.03-	115497	28 100 A49			
	[OM541.946]	04.03- 06.03- 06.03- 06.03-	115497 112561 113278 113351	28 100 A49 28 80 28 100 28 100	04.03- 04.03- 04.03-	111771 113609 113851	24 6.2 24 6.2 24 7.5
		06.03-	113448	28 100			
	[OM541.976]	06.03-	115497	28 100 A49	04.03- 04.03-	113851 113609	24 7.5 24 6.2
	[OM541.992]	06.03-	115497	28 100 A49			
2644 14.6	(NG)[OM442.951]	10.85- 02.90	113920	28 35	10.85- 02.90	110206	24 5.4
		11.86- 02.90	110895	28 55			
	[OM442.953]	10.85- 10.86	110113	28 27	10.85- 02.90	113851	24 5.4
		10.85- 02.90	113920	28 35	10.85- 02.90	110206	24 5.4
		10.86- 02.90	110895	28 55			
		10.86- 02.90	110906	28 30			
		10.88- 02.90	112159	28 80			
	[OM442.980]	10.85- 10.86	110113	28 27	10.85- 02.90	113851	24 5.4
		10.85- 02.90	113920	28 35	10.85- 02.90	110206	24 5.4
		11.86- 02.90	110895	28 55			
		11.86- 02.90	110906	28 30			
		10.88- 02.90	112159	28 80			
	(SK)[OM440.970]	01.92- 09.96	110895	28 55	01.92- 09.96	110206	24 5.4
		01.92- 09.96	112159	28 80			
		01.92- 09.96	113920	28 35			
	[OM440.979]	01.92- 01.92- 09.96	110895 113920	28 55 28 35	01.92- 09.96	110206	24 5.4
	[OM446.922]	01.94- 01.94-	110895 112159	28 55 28 80	01.92-	110206	24 5.4
	[OM446.936]	01.94- 09.96	112159	28 80	01.92- 09.96	110206	24 5.4
2645 14.6	(SK)[OM442.989]	02.90- 09.96	113920	28 35			
2646 11.9	(Actros)[OM541.948]	04.03- 06.03- 06.03- 06.03-	115497 112561 113278 113351	28 100 A49 28 80 28 100 28 100	04.03- 06.03- 04.03-	113851 111771 113609	24 7.5 24 6.2 24 6.2
		04.03-	115497	28 100 A49	04.03-	113851	24 7.5
	[OM541.980]	04.03-	115497	28 100 A49	04.03-	113609	24 6.2
	[OM541.994]	04.03-	115497	28 100 A49			
2648 11.9	(Actros)[OM541.948]	04.03-	115497	28 100 A49	04.03- 04.03-	113851 113609	24 7.5 24 6.2
	[OM541.978]	04.03-	115497	28 100 A49			

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**Application list**

	(Actros MP2 / MP3)[OM541.948]	04.03-	113351	28	100				
		04.03-	115497	28	100 A49				
	[OM541.978]	04.03-	113351	28	100				
		04.03-	115497	28	100 A49				
2648 14.6	(SK)[OM442.983]	12.88- 07.92	113920	28	35	12.88- 07.92	110206	24	5.4
	[OM442.985]	12.88- 07.92	112159	28	80	12.88- 07.92	110206	24	5.4
		12.88- 07.92	113920	28	35				
	[OM442.989]	07.88- 08.94	113920	28	35	12.88- 08.94	110206	24	5.4
		12.88- 07.92	112159	28	80				
	[OM442.992]	12.88- 07.92	112159	28	80	12.88- 07.92	110206	24	5.4
		12.88- 07.92	113920	28	35				
	[OM442.994]	12.88- 07.92	112159	28	80	12.88- 07.92	110206	24	5.4
		12.88- 07.92	113920	28	35				
2648 15.9	(Actros)[OM542.921]	04.96- 10.02	115497	28	100 A49	04.96- 10.02	113609	24	6.2
		09.96-	112561	28	80	04.96- 10.02	113851	24	7.5
		09.96-	113278			09.96- 10.02	111771	24	6.2
		09.96-	113351	28	100				
		09.96-	113448	28	100				
	[OM542.940]	09.96- 10.02	115497	28	100 A49				
2650 14.6	(SK)[OM440.971]	07.88- 09.96	113920	28	35	07.88- 08.94	110206	24	5.4
						07.92-	110210	24	6.6
	[OM440.973]	07.92- 09.96	110895	28	55	07.92-	110206	24	5.4
		07.92- 09.96	113920	28	35	07.92-	110210	24	6.6
	[OM440.982]	07.87- 09.96	113920	28	35	07.87- 09.96	110206	24	5.4
	[OM442.989]	07.88- 08.94	113920	28	35	07.88- 08.94	110206	24	5.4
	[OM442.994]	07.88- 08.94	113920	28	35	07.88- 08.94	110206	24	5.4
	[OM442.997]	07.88- 09.96	113920	28	35	07.88- 09.96	110206	24	5.4
		07.92-	112159	28	80	07.92-	110210	24	6.6
2650 15.9	(Actros)[OM542.940]	04.03-	112561	28	80	04.03-	113851	24	7.5
		04.03-	113278			04.03-	113609	24	6.2
		04.03-	113351	28	100	04.03-	111771	24	6.2
		04.03-	113448	28	100				
		04.03-	115497	28	100 A49				
2651 15.9	(Actros)[OM542.960]	04.03-	112561	28	80	04.03-	113851	24	7.5
		04.03-	113351	28	100	04.03-	111771	24	6.2
		04.03-	113448	28	100				
		04.03-	115497	28	100 A49				
	(Actros MP2 / MP3)[OM542.960]	04.03-	113351	28	100				
		04.03-	115497	28	100 A49				
2653 14.6	(SK)[OM446.920]					01.96-	110206	24	5.4
	[OM446.946]					07.92- 09.96	110206	24	5.4
2653 15.9	(Actros)[OM542.920]	04.96- 10.02	115497	28	100 A49	04.96- 10.02	113851	24	7.5
		09.96-	112561	28	80	04.96- 10.02	113609	24	6.2
		09.96-	113278			09.96- 10.02	111771	24	6.2
		09.96-	113351	28	100				
		09.96-	113448	28	100				
	[OM542.942]	09.96- 10.02	115497	28	100 A49				
2654 15.9	(Actros)[OM542.920]	04.03-	115497	28	100 A49				
	[OM542.942]	04.03-	112561	28	80	04.03-	113609	24	6.2
		04.03-	113278			04.03-	113851	24	7.5
		04.03-	113351	28	100	04.03-	111771	24	6.2
		04.03-	113448	28	100				
		04.03-	115497	28	100 A49				
	[OM542.962]	04.03-	115497	28	100 A49				
2655 15.9	(Actros)[OM542.942]	04.03-	112561	28	80	04.03-	111771	24	6.2
		04.03-	113351	28	100	04.03-	113609	24	6.2
		04.03-	113448	28	100	04.03-	113851	24	7.5
		04.03-	115497	28	100 A49				
	(Actros MP2 / MP3)[OM542.962]	04.03-	113351	28	100				
		04.03-	115497	28	100 A49				
2657 15.9	(Actros)[OM542.922]	04.97- 01.01	112561	28	80	04.97- 10.02	113609	24	6.2
		04.97- 01.01	113278			04.97- 10.02	113851	24	7.5
		04.97- 01.01	113351	28	100	04.97- 10.02	111771	24	6.2
		04.97- 01.01	113448	28	100				
		04.97- 10.02	115497	28	100 A49				
	[OM542.944]	04.97- 10.02	115497	28	100 A49				
2658 15.9	(Actros)[OM542.944]	04.03-	112561	28	80	04.03-	113609	24	6.2
		04.03-	113278			04.03-	113851	24	7.5
		04.03-	113351	28	100	04.03-	111771	24	6.2
		04.03-	113448	28	100				
		04.03-	115497	28	100 A49				
2660 15.9	(Actros MP2 / MP3)[OM542.964]	05.05-	113351	28	100				
		05.05-	115497	28	100 A49				
2732 11.9	(Actros MP2 / MP3)	06.08-	113351	28	100				
		06.08-	115497	28	100 A49				
2733 7.2	(Zetros)[OM926.935]	09.08-	115497	28	100 A49	09.08-	114523	24	4.0
						09.08-	115514	24	4.0 A49
	[OM926.936]	09.08-	115497	28	100 A49	09.08-	114523	24	4.0
						09.08-	115514	24	4.0 A49
2736 11.9	(Actros MP2 / MP3)	06.08-	113351	28	100				
		06.08-	115497	28	100 A49				
2741 11.9	(Actros MP2 / MP3)	06.08-	113351	28	100				
		06.08-	115497	28	100 A49				
2744 11.9	(Actros MP2 / MP3)	06.08-	113351	28	100				
		06.08-	115497	28	100 A49				

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2746 11.9	(Actros MP2 / MP3)	06.08-	113351	28	100				
		06.08-	115497	28	100 A49				
2748 11.9	(Actros MP2 / MP3)	06.08-	113351	28	100				
		06.08-	115497	28	100 A49				
3025 14.6	(NG)[OM422.909]	08.83- 03.91	113920	28	35	08.83- 03.91	112120	24	6.6
		08.83- 03.91	113920	28	35	08.83- 03.91	112120	24	6.6
	[OM422.912]	12.85- 10.86	110113	28	27	12.85- 07.87	110206	24	5.4
		11.86- 07.87	110895	28	55	12.85- 07.87	110210	24	6.6
	[OM422.919]	11.86- 07.87	110906	28	30	12.85- 07.87	112120	24	6.6
						12.85- 07.87	113855	24	5.4
	[OM422.920]	12.85- 10.86	110113	28	27	12.85- 07.87	110206	24	5.4
		11.86- 07.87	110895	28	55	12.85- 07.87	110210	24	6.6
	[OM442.920]	11.86- 07.87	110906	28	30	12.85- 07.87	112120	24	6.6
						12.85- 07.87	113855	24	5.4
3028 14.6	(NG)[OM422.905]	06.85- 08.89	113920	28	35	05.83- 08.89	110210	24	6.6
		11.86- 08.89	110895	28	55	02.80- 08.89	110206	24	5.4
[OM422.911]	06.85- 08.89	113920	28	35	05.83- 08.89	110210	24	6.6	
	11.86- 08.89	110895	28	55	02.80- 08.89	110206	24	5.4	
[OM422.919]	12.85- 07.87	113920	28	35	12.85- 07.87	110210	24	6.6	
					12.85- 07.87	110206	24	5.4	
3033 14.6	(NG)[OM422.954]	06.85- 05.87	113920	28	35	05.83- 05.87	110210	24	6.6
		11.86- 05.87	110895	28	55	12.82- 05.87	110206	24	5.4
[OM422.957]	06.85- 05.87	113920	28	35	05.83- 05.87	110210	24	6.6	
	11.86- 05.87	110895	28	55	12.82- 05.87	110206	24	5.4	
3036 18.3	(NG)[OM423.905]	11.86- 08.89	110895	28	55	12.82- 08.89	110210	24	6.6
		11.86- 08.89	113920	28	35				
[OM423.908]	06.85- 08.89	113920	28	35	12.82- 08.89	110210	24	6.6	
	11.86- 08.89	110895	28	55					
3038 14.6	(NG)[OM422.953]	06.85- 12.86	113920	28	35	01.81- 12.86	110210	24	6.6
		11.86- 12.86	110895	28	55				
[OM422.955]	06.85- 12.86	113920	28	35	01.81- 12.86	110210	24	6.6	
	11.86- 12.86	110895	28	55					
[OM422.959]	06.85- 12.86	113920	28	35	01.81- 12.86	110210	24	6.6	
	11.86- 12.86	110895	28	55					
3050 14.6	(SK)[OM440.976]	12.93- 09.96	110895	28	55	12.93- 09.96	110206	24	5.4
		12.93- 09.96	112159	28	80	02.91-	110210	24	6.6
		12.93- 09.96	113920	28	35				
		01.94- 09.96	112159	28	80	01.94- 09.96	110206	24	5.4
3053 14.6	(SK)[OM440.976]	12.93- 09.96	110895	28	55	12.93-	110206	24	5.4
		12.93- 09.96	112159	28	80				
		12.93- 09.96	113920	28	35				
3228 14.6	(NG)[OM422.919]	07.87- 03.91	110895	28	55	07.87- 03.91	110206	24	5.4
		07.87- 03.91	110906	28	30	07.87- 03.91	113855	24	5.4
		10.88- 03.91	112159	28	80				
	[OM422.921]	07.87- 03.91	110895	28	55	07.87- 03.91	110206	24	5.4
		07.87- 03.91	110906	28	30	07.87- 03.91	113855	24	5.4
		10.88- 03.91	112159	28	80				
3229 15.1	(SK)[OM442.915]	09.89- 08.94	113920	28	35	09.89- 08.94	110206	24	5.4
		09.89- 07.92	110113	28	27	09.89- 08.94	110206	24	5.4
	[OM442.916]	09.89- 07.92	110895	28	55				
		09.89- 07.92	110906	28	30				
	[OM442.923]	09.89- 07.92	112159	28	80				
		09.89- 08.94	113920	28	35				
	[OM442.927]	09.89- 01.92	113920	28	35	09.89- 01.92	110206	24	5.4
		09.89- 08.94	112159	28	80	09.89- 08.94	110206	24	5.4
[OM442.928]	09.89- 08.91	113920	28	35					
	09.89- 08.94	112159	28	80	09.89- 08.94	110206	24	5.4	
3231 11.0	(MK)[OM445.929]	12.87- 09.96	113920	28	35				
3231 11.9	(Actros)[OM541.920]	04.97- 01.01	112561	28	80	04.97- 10.02	113851	24	7.5
		04.97- 01.01	113278			04.97- 10.02	111771	24	6.2
		04.97- 01.01	113351	28	100	04.97- 10.02	113609	24	6.2
		04.97- 01.01	113448	28	100				
		04.97- 10.02	115497	28	100 A49				
		04.03-	113351	28	100	04.03-	113609	24	6.2
[OM541.940]	04.97- 10.02	115497	28	100 A49	04.03-	111771	24	6.2	
					04.03-	113851	24	7.5	
3231 9.6	(MK)[OM401.972]	12.87- 09.96	113920	28	35				
		12.87- 09.96	113920	28	35				
		12.87- 09.96	113920	28	35				
3232 11.9	(Actros)[OM541.970]	04.03-	113351	28	100	04.03-	111771	24	6.2
		04.03-	115497	28	100 A49	04.03-	113609	24	6.2
	[OM541.996]	04.03-	113351	28	100	04.03-	113851	24	7.5
		04.03-	115497	28	100 A49	04.03-	111771	24	6.2
	(Actros MP2 / MP3)[OM541.970]	04.03-	112561	28	80	04.03-	113609	24	6.2
						04.03-	113851	24	7.5
[OM541.996]	04.03-	112561	28	80	04.03-	111771	24	6.2	
3233 11.0	(SK)[OM441.982]	10.90- 07.92	112159	28	80	10.90- 07.92	110206	24	5.4
		10.90- 08.91	113920	28	35				
		10.90- 07.92	112159	28	80	10.90- 07.92	110206	24	5.4
[OM441.985]	10.90- 08.91	113920	28	35					
3234 11.0	(SK)[OM441.988]	02.92-	112159	28	80	02.92-	110206	24	5.4
		02.92-	112159	28	80	02.92-	110206	24	5.4
	[OM441.990]	02.92-	112159	28	80	02.92-	110206	24	5.4
	[OM441.992]	02.92-	112159	28	80	02.92-	110206	24	5.4
[OM445.922]	02.92- 09.96	113920	28	35	02.92-	110206	24	5.4	

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3235 11.9	(Actros)[OM541.922]	04.97-	112561	28 80	04.97- 10.02	113609	24 6.2	
		04.97-	113278		04.97- 10.02	111771	24 6.2	
		04.97-	113351	28 100	04.97- 10.02	113851	24 7.5	
		04.97-	113448	28 100				
		04.97- 10.02	115497	28 100 A49				
	[OM541.942]	04.97-	112561	28 80	04.97-	113851	24 7.5	
		04.97-	113278		04.97-	113609	24 6.2	
		04.97-	113351	28 100	04.97- 10.02	111771	24 6.2	
		04.97-	113448	28 100				
		04.97- 10.02	115497	28 100 A49				
3235 14.6	(NG)[OM442.944]	07.88- 08.94	113920	28 35	07.88- 08.94	110206	24 5.4	
		10.88- 08.94	110895	28 55				
	(SK)[OM442.944]	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4	
		07.87- 02.91	113920	28 35	07.87- 07.92	110206	24 5.4	
	[OM442.952]	10.88- 05.91	112159	28 80				
		10.88- 07.92	112159	28 80	07.87- 07.92	110206	24 5.4	
	[OM442.959]	10.88- 08.91	113920	28 35				
		07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4	
[OM442.976]	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4		
3236 11.9	(Actros MP2 / MP3)[OM541.942]	04.03-	113351	28 100				
		04.03-	115497	28 100 A49				
		[OM541.972]	04.03-	112561	28 80	04.03-	111771	24 6.2
			04.03-	113448	28 100			
		[OM541.998]	04.03-	112561	28 80	04.03-	111771	24 6.2
	04.03-		113448	28 100				
	06.08-	113351	28 100					
	06.08-	115497	28 100 A49					
	3236 12.0	(Axor)[OM457.956]	10.04-	115497	28 100 A49	10.04-	113609	24 6.2
			10.04-			10.04-	113851	24 7.5
[OM457.957]		10.04-	115497	28 100 A49	10.04-	113609	24 6.2	
3238 12.8	(SK)[OM402.971]	10.90- 02.01	112159	28 80	10.90- 02.01	110206	24 5.4	
		10.90- 09.96	113920	28 35				
	[OM402.972]	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4	
	[OM402.973]	10.90- 02.01	112159	28 80	10.90- 02.01	110206	24 5.4	
		10.90- 08.91	113920	28 35				
	[OM402.975]	03.91- 09.96	113920	28 35				
	[OM402.977]	10.90- 02.01	113920	28 35	10.90- 02.01	110206	24 5.4	
	[OM402.982]	10.90- 02.01	112159	28 80	10.90- 02.01	110206	24 5.4	
		10.90- 08.91	113920	28 35				
	[OM402.985]	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4	
	[OM402.986]	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4	
	[OM402.987]	10.90- 02.01	113920	28 35	10.90- 02.01	110206	24 5.4	
	3238 14.6	(SK)[OM440.970]	06.91- 02.01	112159	28 80	10.90- 02.01	110206	24 5.4
			10.91- 02.01	113920	28 35			
[OM440.971]		10.90- 02.01	113920	28 35	10.90- 02.01	110206	24 5.4	
[OM440.980]		06.91- 02.01	112159	28 80	10.90- 02.01	110206	24 5.4	
		10.91- 02.01	113920	28 35				
[OM442.989]		10.90- 02.01	113920	28 35	10.90- 02.01	110206	24 5.4	
[OM442.997]					10.90- 02.01	110206	24 5.4	
[OM446.925]					07.87- 09.96	110206	24 5.4	
[OM446.926]		01.94-	112159	28 80	01.94-	110206	24 5.4	
[OM446.927]					07.87- 09.96	110206	24 5.4	
[OM446.939]	01.94-	112159	28 80	01.94-	110206	24 5.4		
3238 18.3	(SK)[OM423.905]	03.91- 09.96	113920	28 35				
		03.91- 09.96	113920	28 35				
3240 11.9	(Actros)[OM541.923]	04.97- 01.01	112561	28 80	04.97- 10.02	113609	24 6.2	
		04.97- 01.01	113278		04.97- 10.02	113851	24 7.5	
		04.97- 01.01	113351	28 100	04.97- 10.02	111771	24 6.2	
		04.97- 01.01	113448	28 100				
		04.97- 10.02	115497	28 100 A49				
[OM541.944]	04.97- 10.02	115497	28 100 A49					
3240 12.0	(Axor)[OM457.937]	03.05-	115497	28 100 A49	03.05-	113609	24 6.2	
		03.05-			03.05-	113851	24 7.5	
	[OM457.948]	03.05-	115497	28 100 A49	03.05-	113609	24 6.2	
		03.05-			03.05-	113851	24 7.5	
	[OM457.956]	10.04-	115497	28 100 A49	10.04-	113609	24 6.2	
	[OM457.957]	10.04-	115497	28 100 A49	10.04-	113851	24 7.5	
3241 11.9	(Actros)[OM541.944]	04.03-	113351	28 100	04.03-	111771	24 6.2	
		04.03-	115497	28 100 A49	04.03-	113609	24 6.2	
		04.03-			04.03-	113851	24 7.5	
	[OM541.974]	04.03-	115497	28 100 A49				
	[OM541.990]	04.03-	115497	28 100 A49				
	(Actros MP2 / MP3)[OM541.944]	06.08-	113351	28 100				
		06.08-	115497	28 100 A49				
[OM541.974]	04.03-	113448	28 100	04.03-	111771	24 6.2		
[OM541.990]	04.03-	113448	28 100	04.03-	111771	24 6.2		
3243 11.9	(Actros)[OM541.924]	04.97-	112561	28 80	04.97- 10.02	113609	24 6.2	
		04.97-	113278		04.97- 10.02	113851	24 7.5	
		04.97-	113351	28 100	04.97- 10.02	111771	24 6.2	
		04.97-	113448	28 100				
		04.97- 10.02	115497	28 100 A49				

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	[OM541.925]	04.97- 01.01	112561	28 80	04.97- 10.02	113609	24 6.2
		04.97- 01.01	113278		04.97- 10.02	111771	24 6.2
		04.97- 01.01	113351	28 100	04.97- 10.02	113851	24 7.5
		04.97- 01.01	113448	28 100			
		04.97- 10.02	115497	28 100 A49			
	[OM541.946]	04.97- 10.02	115497	28 100 A49			
3243 12.0	(Axor)[OM457.948]	03.05-	115497	28 100 A49	03.05-	113851	24 7.5
					03.05-	113609	24 6.2
	[OM457.956]	10.04-	115497	28 100 A49	10.04-	113851	24 7.5
					10.04-	113609	24 6.2
	[OM457.957]	10.04-	115497	28 100 A49	10.04-	113851	24 7.5
					10.04-	113609	24 6.2
3244 11.9	(Actros MP2 / MP3)[OM541.976]	04.03-	113351	28 100			
		04.03-	115497	28 100 A49			
	[OM541.992]	04.03-	113351	28 100			
		04.03-	115497	28 100 A49			
3244 14.6	(SK)[OM440.970]	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4
	[OM440.980]	01.94- 09.96	113920	28 35	01.94- 09.96	110206	24 5.4
	[OM446.922]	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4
	[OM446.939]	01.94- 09.96	113920	28 35	01.94- 09.96	110206	24 5.4
3246 11.9	(Actros)[OM541.948]	01.02-	115497	28 100 A49	04.03-	113851	24 7.5
					04.03-	113609	24 6.2
	(Actros MP2 / MP3)[OM541.948]	04.03-	112561	28 80			
	[OM541.980]	04.03-	112561	28 80			
	[OM541.994]	04.03-	112561	28 80			
3248 11.9	(Actros MP2 / MP3)[OM541.978]	04.03-	113351	28 100			
		04.03-	115497	28 100 A49			
3248, 11.9	(Actros MP2 / MP3)[OM541.978]	04.03-	113351	28 100			
		04.03-	115497	28 100 A49			
3248 14.6	(SK)[OM442.984]	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4
	[OM442.985]	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4
	[OM442.989]	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4
	[OM442.992]	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4
3250 14.6	(SK)[OM440.971]	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4
	[OM440.973]	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4
	[OM440.975]	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4
	[OM442.997]	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4
3250 18.3	(NG)[OM423.908]	09.85- 08.94	110895	28 55	09.85- 08.94	110210	24 6.6
		10.88- 08.94	112159	28 80	09.85- 08.94	112120	24 6.6
					09.85- 08.94	113855	24 5.4
	[OM423.950]	09.85- 08.94	110895	28 55	09.85- 08.94	110210	24 6.6
		10.88- 08.94	112159	28 80	09.85- 08.94	112120	24 6.6
					09.85- 08.94	113855	24 5.4
	[OM423.951]	09.85- 08.94	110895	28 55	09.85- 08.94	110210	24 6.6
		10.88- 08.94	112159	28 80	09.85- 08.94	112120	24 6.6
					09.85- 08.94	113855	24 5.4
3253 14.6	(SK)[OM446.920]	01.96-	112159	28 80	01.96-	110206	24 5.4
	[OM446.933]	01.96-	112159	28 80	01.96-	110206	24 5.4
	[OM446.945]	01.96-	112159	28 80	01.96-	110206	24 5.4
3328 14.6	(NG)[OM422.905]	02.80- 03.91	113920	28 35	02.80- 03.91	112120	24 6.6
	[OM422.907]	02.80- 03.91	113920	28 35	02.80- 03.91	112120	24 6.6
	[OM422.911]	02.80- 03.91	113920	28 35	02.80- 03.91	112120	24 6.6
	[OM422.913]	02.80- 03.91	113920	28 35	02.80- 03.91	112120	24 6.6
	[OM422.914]	07.82- 10.86	110113	28 27	07.82- 07.87	112120	24 6.6
		11.86- 07.87	110895	28 55	05.83- 07.87	110210	24 6.6
		11.86- 07.87	110906	28 30	07.82- 07.87	110206	24 5.4
					07.82- 07.87	113855	24 5.4
	[OM422.916]	02.80- 03.91	113920	28 35	02.80- 03.91	112120	24 6.6
	[OM422.919]	07.82- 10.86	110113	28 27	07.82- 07.87	110206	24 5.4
		11.86- 07.87	110895	28 55	05.83- 07.87	110210	24 6.6
		11.86- 07.87	110906	28 30	07.82- 07.87	112120	24 6.6
					07.82- 07.87	113855	24 5.4
3331 11.9	(Actros)[OM541.920]	04.97-	112561	28 80	04.97- 10.02	113851	24 7.5
		04.97-	113278		04.97- 10.02	113609	24 6.2
		04.97-	113351	28 100	04.97- 10.02	111771	24 6.2
		04.97-	113448	28 100			
		04.97- 10.02	115497	28 100 A49			
	[OM541.926]	04.97-	112561	28 80	04.97- 10.02	113851	24 7.5
		04.97-	113278		04.97- 10.02	111771	24 6.2
		04.97-	113351	28 100	04.97- 10.02	113609	24 6.2
		04.97-	113448	28 100			
		04.97- 10.02	115497	28 100 A49			
	[OM541.940]	04.97-	112561	28 80	04.97- 10.02	113851	24 7.5
		04.97-	113351	28 100	04.97- 10.02	113609	24 6.2
		04.97-	113448	28 100	04.97- 10.02	111771	24 6.2
		04.97- 10.02	115497	28 100 A49			
	[OM541.941]	04.97- 10.02	115497	28 100 A49			
	[OM541.946]	04.97- 10.02	115497	28 100 A49			
	[OM541.970]	04.03-	115497	28 100 A49	04.03-	111771	24 6.2
					04.03-	113609	24 6.2
					04.03-	113851	24 7.5
3332 11.9	(Actros)[OM541.920]	04.03-	113351	28 100	04.03-	113609	24 6.2
		04.03-	115497	28 100 A49	04.03-	111771	24 6.2
					04.03-	113851	24 7.5

## STARTERS & ALTERNATORS

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MERCEDES-BENZ Continued

Application list

	[OM541.926]	04.03- 04.03-	113351 115497	28 100 28 100 A49		04.03- 04.03- 04.03-	111771 113609 113851	24 6.2 24 6.2 24 7.5
	[OM541.940]	04.03- 04.03-	113351 115497	28 100 28 100 A49		04.03- 04.03- 04.03-	113609 113851 111771	24 6.2 24 7.5 24 6.2
	[OM541.941]	04.03- 04.03-	113351 115497	28 100 28 100 A49		04.03- 04.03- 04.03-	113609 113851 111771	24 6.2 24 7.5 24 6.2
	[OM541.970]	04.03-	115497	28 100 A49		04.03- 04.03- 04.03-	111771 113609 113851	24 6.2 24 6.2 24 7.5
	[OM541.971]	04.03-	115497	28 100 A49				
	[OM541.996]	04.03-	115497	28 100 A49				
	[OM541.997]	04.03-	115497	28 100 A49				
	(Actros MP2 / MP3)		113448	28 100				
3332 12.0	(Actros)[OM541.970]	02.05-	115497	28 100 A49		04.03- 04.03-	113851 113609	24 7.5 24 6.2
3333 14.6	(NG)[OM422.954]	12.82- 05.85 06.85- 11.91 11.86- 11.91 10.88- 11.91	110113 113920 110895 112159	28 27 28 35 28 55 28 80		05.83- 11.91 12.82- 11.91	110210 110206	24 6.6 24 5.4
3335 11.9	(Actros)[OM541.922]	04.97- 01.01 04.97- 01.01 04.97- 01.01 04.97- 01.01 04.97- 10.02	112561 113278 113351 113448 115497	28 80 28 100 28 100 28 100 A49		04.97- 10.02 04.97- 10.02 04.97- 10.02	113851 113609 111771	24 7.5 24 6.2 24 6.2
	[OM541.942]	04.97- 10.02	115497	28 100 A49				
3335 12.0	(Axor)[OM457.937]	10.04-	113448	28 100				
3335 14.6	(NG)[OM442.950]	04.86- 03.91 04.86- 03.91	110895 113920	28 55 28 35				
	[OM442.962]	04.86- 03.91	113920	28 35				
3336 11.9	(Actros)[OM541.927]	04.03-	115497	28 100 A49		04.03- 04.03-	113851 113609	24 7.5 24 6.2
	[OM541.942]	04.03- 04.03- 04.03-	112561 113351 115497	28 80 28 100 28 100 A49		04.03- 04.03- 04.03-	111771 113851 113609	24 6.2 24 7.5 24 6.2
	[OM541.943]	04.03-	115497	28 100 A49		04.03-	113851	24 7.5
	[OM541.972]	04.03-	115497	28 100 A49		04.03-	113609	24 6.2
	[OM541.973]	04.03-	115497	28 100 A49				
	[OM541.999]	04.03-	115497	28 100 A49				
	(Actros MP2 / MP3)		112561	28 80				
3336 12.0	(Actros)[OM541.942]	04.03-	115497	28 100 A49		04.03- 04.03-	113851 113609	24 7.5 24 6.2
	[OM541.972]	04.03-	115497	28 100 A49				
	[OM541.998]	04.03-	115497	28 100 A49				
3336 14.6	(NG)[OM442.950]	11.81- 03.91	113920	28 35				
	[OM442.952]	11.81- 03.91	113920	28 35				
3336 18.3	(NG)[OM423.905]	11.81- 11.91 12.82- 10.86 11.86- 11.91 11.86- 02.91 10.88- 11.91	113920 110113 110895 110906 112159	28 35 28 27 28 55 28 30 28 80		12.82- 11.91 11.81- 11.91 12.82- 11.91	110210 112120 113855	24 6.6 24 6.6 24 5.4
	[OM423.907]	11.81- 11.91 09.86- 10.86 11.86- 02.91 10.88- 11.91 03.91- 11.91	113920 110113 110906 112159 110895	28 35 28 27 28 30 28 80 28 55		11.81- 11.91 09.86- 11.91 09.86- 11.91	112120 113855 110210	24 6.6 24 5.4 24 6.6
3338 14.6	(NG)[OM442.950]	01.81- 12.86	113920	28 35				
3340 11.9	(Actros)[OM541.923]	04.97- 04.97- 04.97- 04.97- 04.97- 10.02	112561 113278 113351 113448 115497	28 80 28 100 28 100 28 100 28 100 A49		04.97- 10.02 04.97- 10.02 04.97- 10.02	113851 111771 113609	24 7.5 24 6.2 24 6.2
	[OM541.924]	04.97- 04.97- 04.97- 04.97- 04.97- 10.02	112561 113278 113351 113448 115497	28 80 28 100 28 100 28 100 28 100 A49		04.97- 10.02 04.97- 10.02 04.97- 10.02	113609 111771 113851	24 6.2 24 6.2 24 7.5
	[OM541.944]	04.97- 10.02	115497	28 100 A49				
	[OM541.945]	04.97- 10.02	115497	28 100 A49				
3340 12.0	(Axor)[OM457.937]	10.04- 10.04-	113448 115497	28 100 28 100 A49		10.04- 10.04-	113851 113609	24 7.5 24 6.2
	[OM457.948]	10.04-	115497	28 100 A49		10.04- 10.04-	113851 113609	24 7.5 24 6.2
	[OM457.956]	10.04-	115497	28 100 A49		10.04- 10.04-	113851 113609	24 7.5 24 6.2
	[OM457.957]	10.04-	115497	28 100 A49		10.04- 10.04-	113851 113609	24 7.5 24 6.2
3341 11.9	(Actros)[OM541.923]	04.03-	115497	28 100 A49		04.03- 04.03- 04.03-	111771 113609 113851	24 6.2 24 6.2 24 7.5
	[OM541.944]	04.03-	115497	28 100 A49				
	[OM541.945]	04.03-	115497	28 100 A49		04.03- 04.03-	113851 113609	24 7.5 24 6.2
	[OM541.974]	04.03- 04.03-	113351 115497	28 100 28 100 A49		04.03- 04.03- 04.03-	113609 111771 113851	24 6.2 24 6.2 24 7.5





	[OM541.975]	04.03-	115497	28	100 A49				
	[OM541.991]	04.03-	115497	28	100 A49				
	(Actros MP2 / MP3)[OM541.974]	04.03-	112561	28	80	04.03-	111771	24	6.2
	[OM541.990]	04.03-	112561	28	80	04.03-	111771	24	6.2
	[OM541.991]	04.03-	112561	28	80				
			113448	28	100				
3341 12.0	(Actros)[OM541.974]	04.03-	115497	28	100 A49	04.03-	113851	24	7.5
						04.03-	113609	24	6.2
3343 11.9	(Actros)[OM541.921]	04.97-	112561	28	80	04.97- 10.02	113851	24	7.5
		04.97-	113278			04.97- 10.02	113609	24	6.2
		04.97-	113351	28	100	04.97- 10.02	111771	24	6.2
		04.97-	113448	28	100				
		04.97- 10.02	115497	28	100 A49				
	[OM541.925]	04.97-	112561	28	80	04.97- 10.02	113851	24	7.5
		04.97-	113278			04.97- 10.02	111771	24	6.2
		04.97-	113351	28	100	04.97- 10.02	113609	24	6.2
		04.97-	113448	28	100				
		04.97- 10.02	115497	28	100 A49				
	[OM541.946]	04.97- 10.02	115497	28	100 A49				
	[OM541.947]	04.97-	112561	28	80	04.97- 10.02	113609	24	6.2
		04.97-	113351	28	100	04.97- 10.02	113851	24	7.5
		04.97-	113448	28	100	04.97-	111771	24	6.2
		04.97- 10.02	115497	28	100 A49				
3343 12.0	(Axor)[OM457.937]	10.04-	113448	28	100				
3344 11.9	(Actros)[OM541.921]	04.03-	115497	28	100 A49	04.03-	111771	24	6.2
						04.03-	113609	24	6.2
						04.03-	113851	24	7.5
	[OM541.946]	04.03-	113351	28	100	04.03-	113609	24	6.2
		04.03-	115497	28	100 A49	04.03-	111771	24	6.2
						04.03-	113851	24	7.5
	[OM541.947]	04.03-	113351	28	100	04.03-	113609	24	6.2
		04.03-	115497	28	100 A49	04.03-	113851	24	7.5
						04.03-	111771	24	6.2
	[OM541.976]	04.03-	115497	28	100 A49				
	(Actros MP2 / MP3)[OM541.976]	04.03-	112561	28	80	04.03-	111771	24	6.2
	[OM541.992]	04.03-	112561	28	80	04.03-	111771	24	6.2
			112561	28	80				
3344 12.0	(Actros)[OM541.947]	04.03-	115497	28	100 A49	04.03-	111771	24	6.2
						04.03-	113609	24	6.2
						04.03-	113851	24	7.5
	[OM541.976]	04.03-	115497	28	100 A49	04.03-	113851	24	7.5
						04.03-	113609	24	6.2
3346 11.9	(Actros)[OM541.948]	04.03-	113351	28	100	04.97-	113609	24	6.2
		04.03-	115497	28	100 A49	04.97- 10.02	113851	24	7.5
		06.03-	112561	28	80				
		06.03-	113278						
	[OM541.949]	04.03-	115497	28	100 A49	04.03-	113851	24	7.5
						04.03-	113609	24	6.2
	[OM541.980]	04.03-	115497	28	100 A49				
	[OM541.994]	04.03-	115497	28	100 A49				
	[OM541.995]	04.03-	115497	28	100 A49				
	(Actros MP2 / MP3)[OM541.948]	04.03-	112561	28	80	04.03-	113609	24	6.2
	[OM541.949]	04.03-	112561	28	80				
	[OM541.980]	04.03-	112561	28	80				
	[OM541.994]	04.03-	112561	28	80				
	[OM541.995]	04.03-	112561	28	80				
			112561	28	80				
3348 11.9	(Actros)[OM541.948]	04.03-	115497	28	100 A49	04.03-	113851	24	7.5
						04.03-	113609	24	6.2
	[OM541.978]	04.03-	113351	28	100				
		04.03-	115497	28	100 A49				
	(Actros MP2 / MP3)[OM541.978]	04.03-	113351	28	100				
			115497	28	100 A49				
			113351	28	100				
		04.03-	115497	28	100 A49				
3348 15.9	(Actros)[OM542.921]	04.97-	112561	28	80	04.97- 10.02	111771	24	6.2
		04.97-	113278			04.97- 10.02	113609	24	6.2
		04.97-	113351	28	100	04.97- 10.02	113851	24	7.5
		04.97-	113448	28	100				
		04.97- 10.02	115497	28	100 A49				
	[OM542.925]	04.97-	112561	28	80	04.97- 10.02	113851	24	7.5
		04.97-	113278			04.97- 10.02	111771	24	6.2
		04.97-	113351	28	100	04.97- 10.02	113609	24	6.2
		04.97-	113448	28	100				
		04.97- 10.02	115497	28	100 A49				
	(Actros MP2 / MP3)[OM542.921]	04.03-	113351	28	100				
			115497	28	100 A49				
3350 15.9	(Actros)[OM542.940]	04.03-	113351	28	100	04.03-	111771	24	6.2
		04.03-	115497	28	100 A49	04.03-	113609	24	6.2
						04.03-	113851	24	7.5
3351 15.9	(Actros)[OM542.940]	04.03-	115497	28	100 A49	04.03-	113609	24	6.2
						04.03-	113851	24	7.5
	[OM542.960]	04.03-	113351	28	100	04.03-	113609	24	6.2
		04.03-	115497	28	100 A49	04.03-	111771	24	6.2
						04.03-	113851	24	7.5

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



MERCEDES-BENZ Continued

Application list

	(Actros MP2 / MP3)[OM542.940]	04.03-	113351	28	100				
		04.03-	115497	28	100 A49				
	[OM542.960]	04.03-	113351	28	100				
		04.03-	115497	28	100 A49				
	[OM542.961]	06.08-	113351	28	100				
		06.08-	115497	28	100 A49				
3351 16.0	(Actros)[OM542.941]	04.03-	115497	28	100 A49	04.03-	113851	24	7.5
		04.03-				04.03-	113609	24	6.2
	[OM542.961]	04.03-	115497	28	100 A49				
3353 15.9	(Actros)[OM542.920]	04.97-	112561	28	80	04.97- 10.02	113851	24	7.5
		04.97-	113278			04.97- 10.02	111771	24	6.2
		04.97-	113351	28	100	04.97- 10.02	113609	24	6.2
		04.97-	113448	28	100				
		04.97- 10.02	115497	28	100 A49				
	[OM542.926]	04.97- 10.02	115497	28	100 A49				
	[OM542.943]	04.97- 10.02	115497	28	100 A49				
3354 15.9	(Actros)[OM542.942]	04.03-	113351	28	100	04.03-	111771	24	6.2
		04.03-	115497	28	100 A49	04.03-	113609	24	6.2
						04.03-	113851	24	7.5
	[OM542.962]	04.03-	113351	28	100	04.03-	111771	24	6.2
		04.03-	115497	28	100 A49	04.03-	113609	24	6.2
						04.03-	113851	24	7.5
3355 15.9	(Actros)[OM542.942]	04.03-	113351	28	100	04.03-	111771	24	6.2
		04.03-	115497	28	100 A49	04.03-	113609	24	6.2
						04.03-	113851	24	7.5
	[OM542.962]	04.03-	113351	28	100	04.03-	111771	24	6.2
		04.03-	115497	28	100 A49	04.03-	113609	24	6.2
						04.03-	113851	24	7.5
	(Actros MP2 / MP3)[OM542.963]	04.03-	112159	28	80				
3355 16.0	(Actros)[OM542.962]	04.03-	115497	28	100 A49	04.03-	113851	24	7.5
						04.03-	113609	24	6.2
3357 15.9	(Actros)[OM542.922]	04.97- 01.01	112561	28	80	04.97- 10.02	113851	24	7.5
		04.97- 01.01	113278			04.97- 10.02	113609	24	6.2
		04.97- 01.01	113351	28	100	04.97- 10.02	111771	24	6.2
		04.97- 01.01	113448	28	100				
		04.97- 10.02	115497	28	100 A49				
	[OM542.944]	04.97- 10.02	115497	28	100 A49				
3358 15.9	(Actros)[OM542.944]	04.03-	112561	28	80	04.03-	113851	24	7.5
		04.03-	113351	28	100	04.03-	113609	24	6.2
		04.03-	113448	28	100	04.03-	111771	24	6.2
		04.03-	115497	28	100 A49				
	(Actros MP2 / MP3)[OM542.944]	04.03-	112561	28	80				
3360 15.9	(Actros MP2 / MP3)	04.03-	113351	28	100				
		04.03-	115497	28	100 A49				
3525 14.6	(SK)[OM442.950]	07.87- 02.91	113920	28	35	07.87- 07.92	110206	24	5.4
		10.88- 05.91	112159	28	80				
3528 14.6	(NG)[OM422.905]	07.82- 07.87	113920	28	35				
	[OM422.919]	07.82- 07.87	113920	28	35	07.82- 09.89	110206	24	5.4
		07.87- 09.89	110895	28	55	07.87- 09.89	113855	24	5.4
		07.87- 09.89	110906	28	30				
		10.88- 09.89	112159	28	80				
3529 15.1	(SK)[OM442.906]	07.88- 08.94	113920	28	35				
	[OM442.907]	07.88- 08.94	113920	28	35				
	[OM442.925]	07.88- 08.94	113920	28	35				
3534 11.0	(SK)[OM441.988]	10.93- 09.96	113920	28	35	10.93-	110206	24	5.4
	[OM445.922]	10.93- 09.96	113920	28	35	10.93-	110206	24	5.4
3535 12.8	(SK)[OM402.982]	03.91- 08.94	113920	28	35	03.91- 08.94	110206	24	5.4
	[OM402.983]	03.91- 08.94	113920	28	35	03.91- 08.94	110206	24	5.4
3535 14.6	(NG)[OM442.950]	09.87- 02.90	110895	28	55	09.87- 02.90	110206	24	5.4
		09.87- 02.90	110906	28	30	09.87- 02.90	113855	24	5.4
		10.88- 02.90	112159	28	80				
	[OM442.952]	09.87- 02.90	110895	28	55	09.87- 02.90	110206	24	5.4
		09.87- 02.90	110906	28	30	09.87- 02.90	113855	24	5.4
		10.88- 02.90	112159	28	80				
	[OM442.959]	09.87- 01.89	110895	28	55	09.87- 01.89	110206	24	5.4
		09.87- 01.89	110906	28	30	09.87- 01.89	113855	24	5.4
		10.88- 01.89	112159	28	80				
	(SK)[OM440.940]	07.88- 08.94	113920	28	35				
	[OM442.942]	07.87- 09.96	113920	28	35	07.88- 08.94	110206	24	5.4
	[OM442.944]	07.88- 08.94	113920	28	35	07.88- 08.94	110206	24	5.4
	[OM442.945]	10.88- 08.94	112159	28	80	10.88- 08.94	110206	24	5.4
		10.88- 08.94	113920	28	35				
	[OM442.946]	02.90- 08.94	110895	28	55	02.90- 08.94	110206	24	5.4
		02.90- 02.91	110906	28	30				
		02.90- 08.94	112159	28	80				
		03.91- 08.94	113920	28	35				
	[OM442.957]	02.90- 08.94	112159	28	80	02.90- 08.94	110206	24	5.4
		02.90- 08.94	113920	28	35				
	[OM442.959]	07.88- 08.94	113920	28	35	07.88- 08.94	110206	24	5.4
		10.88- 08.94	112159	28	80				
	[OM442.964]	07.88- 08.94	113920	28	35	07.88- 08.94	110206	24	5.4
	[OM442.966]	07.87- 09.96	113920	28	35	07.88- 08.94	110206	24	5.4
	[OM442.989]	10.88- 08.94	113920	28	35	10.88- 08.94	110206	24	5.4
3536 18.3	(NG)[OM423.907]	12.82- 11.91	113920	28	35	12.82- 11.91	112120	24	6.6
3538 12.8	(SK)[OM402.971]	09.91- 09.96	113920	28	35				
	[OM402.972]	09.91- 09.96	113920	28	35				



	[OM402.973]	03.91- 03.91- 03.91- 09.96	110895 28 55 112159 28 80 113920 28 35		03.91- 03.91- 09.96	110210 24 6.6 110206 24 5.4	
	[OM402.974]	09.91- 09.96	113920 28 35				
	[OM402.975]	09.91- 09.96	113920 28 35				
	[OM402.977]	09.91- 09.96	113920 28 35				
	[OM402.978]	03.91- 03.91- 03.91- 09.96	110895 28 55 112159 28 80 113920 28 35		03.91- 03.91- 09.96	110210 24 6.6 110206 24 5.4	
	[OM402.982]	03.91- 03.91- 03.91- 09.96	110895 28 55 112159 28 80 113920 28 35		03.91- 03.91-	110210 24 6.6 110206 24 5.4	
	[OM402.983]	03.91- 03.91- 03.91- 09.96	110895 28 55 112159 28 80 113920 28 35		03.91- 03.91-	110206 24 5.4 110210 24 6.6	
	[OM402.984]	09.91- 09.96	113920 28 35				
	[OM402.985]	09.91- 09.96	113920 28 35				
	[OM402.987]	03.91- 03.91- 03.91- 09.96	110895 28 55 112159 28 80 113920 28 35		03.91- 03.91- 09.96	110210 24 6.6 110206 24 5.4	
3538 14.6	(SK)[OM440.970]	03.91- 09.96	113920 28 35		03.91- 03.91-	110206 24 5.4 110210 24 6.6	
	[OM440.975]	03.91- 09.96	113920 28 35		03.91- 03.91-	110206 24 5.4 110210 24 6.6	
	[OM440.979]	03.91- 09.96	113920 28 35		03.91- 03.91-	110206 24 5.4 110210 24 6.6	
	[OM440.982]	03.91- 09.96	113920 28 35		03.91- 03.91-	110206 24 5.4 110210 24 6.6	
	[OM440.983]	03.91- 09.96	113920 28 35		03.91- 03.91-	110206 24 5.4 110210 24 6.6	
	[OM440.984]	03.91- 09.96	113920 28 35		03.91- 03.91-	110206 24 5.4 110210 24 6.6	
	[OM440.985]	05.92- 09.96	113920 28 35		05.92- 03.91-	110206 24 5.4 110210 24 6.6	
	[OM440.987]	03.91- 09.96	113920 28 35		03.91-	110210 24 6.6	
	[OM440.990]	09.91- 09.96	113920 28 35				
	[OM442.989]	03.91- 09.96	113920 28 35		03.91- 03.91-	110206 24 5.4 110210 24 6.6	
	[OM442.997]				03.91- 03.91-	110206 24 5.4 110210 24 6.6	
	[OM446.924]	09.91- 09.96	113920 28 35				
	[OM446.926]	03.91- 09.96 01.94- 01.94-	113920 28 35 110895 28 55 112159 28 80		03.91- 01.94-	110210 24 6.6 110206 24 5.4	
	[OM446.930]	01.94- 01.94-	110895 28 55 112159 28 80		01.94-	110206 24 5.4	
	[OM446.931]	01.94-	112159 28 80		01.94-	110206 24 5.4	
	[OM446.939]	05.92- 09.96 01.94-	113920 28 35 112159 28 80		03.91- 03.91-	110206 24 5.4 110210 24 6.6	
	[OM446.940]	01.94- 01.94- 09.96	112159 28 80 113920 28 35		03.91- 03.91-	110210 24 6.6 110206 24 5.4	
3544 14.6	(NG)[OM442.951]	08.73- 09.96 09.87- 03.92 09.87- 03.92	112159 28 80 110895 28 55 113920 28 35		08.73- 09.96	110206 24 5.4	
	[OM442.953]	09.87- 03.92 09.87- 03.92	110895 28 55 113920 28 35		09.87- 03.92	110206 24 5.4	
	[OM442.980]	08.73- 09.96 09.87- 03.92 09.87- 03.92	112159 28 80 110895 28 55 113920 28 35		08.73- 09.96	110206 24 5.4	
	(SK)[OM440.970]	03.91- 09.96	113920 28 35		03.91- 09.96	110206 24 5.4	
	[OM440.978]	01.92- 09.96	113920 28 35		01.92- 09.96	110206 24 5.4	
	[OM440.980]	03.91- 09.96	113920 28 35				
	[OM440.985]	03.91- 09.96	113920 28 35				
	[OM446.922]	01.92- 09.96	113920 28 35		01.92- 09.96	110206 24 5.4	
3548 14.6	(SK)[OM440.975]	05.92- 09.96	113920 28 35				
	[OM442.993]	05.92- 09.96	113920 28 35				
3550 14.6	(SK)[OM440.975]	03.91- 09.96 05.92-	113920 28 35 112159 28 80		05.92-	110206 24 5.4	
	[OM440.976]	05.92- 09.96 05.92- 09.96 05.92- 09.96	110895 28 55 112159 28 80 113920 28 35		12.93-	110206 24 5.4	
	[OM440.982]	03.91- 09.96	113920 28 35				
	[OM442.993]				05.92-	110206 24 5.4	
	[OM442.997]	03.91- 09.96 05.92- 09.96	113920 28 35 111629 28 120		05.92-	110206 24 5.4	
3553 14.6	(SK)[OM440.975]	05.92- 09.96 05.92- 09.96	110895 28 55 113920 28 35				
	[OM446.920]				01.94- 09.96	110206 24 5.4	
	[OM446.933]	01.96-	112159 28 80		01.96-	110206 24 5.4	
3836 18.3	(NG)[OM423.907]	11.81- 03.91	113920 28 35		11.81- 03.91	112120 24 6.6	
3850 18.3	(NG)[OM423.950]	09.85- 08.94 10.88- 08.94	110895 28 55 112159 28 80		09.85- 08.94 09.85- 08.94 09.85- 08.94	110210 24 6.6 112120 24 6.6 113855 24 5.4	
4140 11.9	(Actros)[OM541.923]	04.97- 01.01 04.97- 01.01 04.97- 01.01 04.97- 01.01 04.97- 10.02	112561 28 80 113278 113351 28 100 113448 28 100 115497 28 100 A49		04.97- 10.02 04.97- 10.02 04.97- 10.02	111771 24 6.2 113851 24 7.5 113609 24 6.2	

## STARTERS & ALTERNATORS

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MERCEDES-BENZ Continued

Application list

	[OM541.924]	04.97-	112561	28 80	04.97- 10.02	113851	24 7.5
		04.97-	113278		04.97- 10.02	113609	24 6.2
		04.97-	113351	28 100	04.97- 10.02	111771	24 6.2
		04.97-	113448	28 100			
		04.97- 10.02	115497	28 100 A49			
	[OM541.944]	04.03-	113351	28 100	04.03-	113609	24 6.2
		04.97- 10.02	115497	28 100 A49	04.03-	111771	24 6.2
					04.03-	113851	24 7.5
	[OM541.945]	04.97-	112561	28 80	04.97- 10.02	113851	24 7.5
		04.97-	113278		04.97- 10.02	113609	24 6.2
		04.97-	113351	28 100	04.97-	111771	24 6.2
		04.97-	113448	28 100			
		04.97- 10.02	115497	28 100 A49			
4141 11.9	(Actros MP2 / MP3)[OM541.974]	04.03-	112561	28 80	04.03-	111771	24 6.2
	[OM541.990]	04.03-	112561	28 80	04.03-	111771	24 6.2
	[OM541.991]	04.03-	113351	28 100	04.03-	113609	24 6.2
		04.03-	115497	28 100 A49			
4141 12.0	(Actros)[OM541.974]	04.03-	115497	28 100 A49	04.03-	113851	24 7.5
					04.03-	113609	24 6.2
	[OM541.990]	04.03-	115497	28 100 A49			
4143 11.9	(Actros)[OM541.921]	04.97-	112561	28 80	04.97- 10.02	113609	24 6.2
		04.97-	113278		04.97- 10.02	111771	24 6.2
		04.97-	113351	28 100	04.97- 10.02	113851	24 7.5
		04.97-	113448	28 100			
		04.97- 10.02	115497	28 100 A49			
	[OM541.925]	04.97-	112561	28 80	04.97- 10.02	113609	24 6.2
		04.97-	113278		04.97- 10.02	113851	24 7.5
		04.97-	113351	28 100	04.97- 10.02	111771	24 6.2
		04.97-	113448	28 100			
		04.97- 10.02	115497	28 100 A49			
	[OM541.946]	04.97- 10.02	115497	28 100 A49			
	[OM541.947]	04.97-	112561	28 80	04.97- 10.02	113851	24 7.5
		04.97-	113351	28 100	04.97- 10.02	113609	24 6.2
		04.97-	113448	28 100			
		04.97- 10.02	115497	28 100 A49			
4144 11.9	(Actros)[OM541.925]	04.03-	115497	28 100 A49	04.03-	111771	24 6.2
					04.03-	113609	24 6.2
					04.03-	113851	24 7.5
	[OM541.946]	04.03-	115497	28 100 A49	04.03-	111771	24 6.2
					04.03-	113609	24 6.2
					04.03-	113851	24 7.5
	[OM541.976]	04.03-	115497	28 100 A49	04.03-	111771	24 6.2
					04.03-	113609	24 6.2
					04.03-	113851	24 7.5
	(Actros MP2 / MP3)[OM541.946]	04.03-	113448	28 100	04.03-	111771	24 6.2
	[OM541.947]	04.03-	113448	28 100			
	[OM541.976]	04.03-	112561	28 80	04.03-	111771	24 6.2
		04.03-	113448	28 100			
	[OM541.992]	04.03-	113448	28 100	04.03-	111771	24 6.2
	[OM541.993]	04.03-	112561	28 80	04.03-	111771	24 6.2
		04.03-	113448	28 100			
4144 12.0	(Actros)[OM541.976]	04.03-	115497	28 100 A49	04.03-	113851	24 7.5
					04.03-	113609	24 6.2
	[OM541.992]	04.03-	115497	28 100 A49			
4146 11.9	(Actros)[OM541.948]	04.03-	115497	28 100 A49	04.03-	113851	24 7.5
					04.03-	113609	24 6.2
	[OM541.980]	04.03-	115497	28 100 A49			
	[OM541.994]	04.03-	115497	28 100 A49			
	(Actros MP2 / MP3)[OM541.948]	04.03-	112561	28 80			
	[OM541.949]	04.03-	112561	28 80			
	[OM541.980]	04.03-	112561	28 80			
	[OM541.994]	04.03-	112561	28 80			
4148 11.9	(Actros)[OM541.948]	03.00-	115497	28 100 A49	04.03-	113851	24 7.5
					04.03-	113609	24 6.2
	[OM541.978]	03.00-	115497	28 100 A49			
	(Actros MP2 / MP3)[OM541.948]	04.03-	113351	28 100			
		04.03-	115497	28 100 A49			
	[OM541.978]	04.03-	113351	28 100			
		04.03-	115497	28 100 A49			
		04.03-	113351	28 100			
		04.03-	115497	28 100 A49			
4148 15.9	(Actros)[OM542.921]	04.97-	112561	28 80	04.97- 10.02	113609	24 6.2
		04.97-	113351	28 100	04.97- 10.02	111771	24 6.2
		04.97-	113448	28 100	04.97- 10.02	113851	24 7.5
		04.97- 10.02	115497	28 100 A49			
	[OM542.925]	04.97- 01.01	112561	28 80	04.97- 10.02	113851	24 7.5
		04.97- 01.01	113278		04.97- 10.02	113609	24 6.2
		04.97- 01.01	113351	28 100	04.97- 10.02	111771	24 6.2
		04.97- 01.01	113448	28 100			
		04.97- 10.02	115497	28 100 A49			
4150 15.9	(Actros MP2 / MP3)[OM542.940]	04.03-	113448	28 100			
	[OM542.941]	04.03-	112561	28 80			
		04.03-	113448	28 100			
4151 15.9	(Actros MP2 / MP3)[OM542.961]	04.03-	113351	28 100			
		04.03-	115497	28 100 A49			

## STARTERS & ALTERNATORS

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4151 16.0	(Actros)[OM542.960]	05.05-	115497	28	100 A49	05.05- 05.05-	113851 113609	24	7.5 6.2
4160 15.9	(Actros)[OM542.956]	10.02-	112159	28	80				
	[OM542.957]	10.02-	112159	28	80				
4844 14.6	(SK)[OM440.970]	12.91- 08.94	113920	28	35				
	[OM440.979]	12.91- 08.94	113920	28	35				
	[OM440.984]	03.91- 09.96	113920	28	35				
	[OM446.940]	03.91- 09.96	113920	28	35				
4850 18.3	(SK)[OM423.950]					07.87- 08.96	110206	24	5.4
1850 K 14.6	(SK)[OM442.997]	07.88- 08.94	112159	28	80				
1861 LS 15.9	(Actros)[OM542.958]	05.05-	113351	28	100	05.05-	113851	24	7.5
		05.05-	115497	28	100 A49				
1924 L 6.4	(Atego 2)[OM902.916]	10.04-	113278			10.04-	114523	24	4.0
		10.04-	113351	28	100	10.04-	115514	24	4.0 A49
		10.04-	115497	28	100 A49				
1926 L 6.4	(Atego 2)[OM902.917]	10.04-	113278			10.04-	115514	24	4.0 A49
		10.04-	113351	28	100				
		10.04-	115497	28	100 A49				
1929 L 6.4	(Atego 2)[OM902.918]	10.04-	113278			10.04-	114523	24	4.0
		10.04-	113351	28	100	10.04-	115514	24	4.0 A49
		10.04-	115497	28	100 A49				
2224 L 6.4	(Atego 2)[OM902.916]	10.04-	113278			10.04-	114523	24	4.0
		10.04-	113351	28	100	10.04-	115514	24	4.0 A49
		10.04-	115497	28	100 A49				
2226 L 6.4	(Atego 2)[OM902.917]	10.04-	113278			10.04-	114523	24	4.0
		10.04-	113351	28	100	10.04-	115514	24	4.0 A49
		10.04-	115497	28	100 A49				
2229 L 6.4	(Atego 2)[OM902.918]	10.04-	113278			10.04-	114523	24	4.0
		10.04-	113351	28	100	10.04-	115514	24	4.0 A49
		10.04-	115497	28	100 A49				
4140 B 12.0	(Axor)[OM457.956]	01.11-	113351	28	100				
	[OM457.957]	01.11-	115497	28	100 A49				
		01.11-	113351	28	100				
		01.11-	115497	28	100 A49				
4148 K 12.0	(Actros)[OM541.948]	04.03-	113351	28	100				
		04.03-	115497	28	100 A49				
925 AF 6.4	(Atego)[OM906.911]	01.98- 09.04	112561	28	80				
O 100 2.9 Diesel	[OM602.940]	01.94-	112734	14	80	01.94-	113389	12	2.2
		01.94-	113768	14	95				
		06.96-	112529	14	90				
	ACPS 01.94-		110923	14	55				
O 301 6.0	[OM366.917]					06.86- 05.87	110524	24	4.0
	[OM366.965]					02.86- 05.87	110524	24	4.0
O 302 5.7	[OM352.980]					12.69- 12.74	110512	24	5.4
						11.64- 11.75	110601	24	5.4
	[OM352.993]					12.69- 12.74	110512	24	5.4
						11.64- 11.75	110601	24	5.4
O 302 8.7	[OM360.916]					05.69- 12.74	110512	24	5.4
						12.69- 12.74	110531	24	6.6
						05.69- 12.74	110601	24	5.4
	[OM360.979]					05.69- 12.74	110512	24	5.4
						12.69- 12.74	110531	24	6.6
						05.69- 12.74	110601	24	5.4
	[OM360.980]					05.69- 12.74	110512	24	5.4
						12.69- 12.74	110531	24	6.6
						05.69- 12.74	110601	24	5.4
	[OM360.981]					05.69- 12.74	110512	24	5.4
						12.69- 12.74	110531	24	6.6
						05.69- 12.74	110601	24	5.4
	[OM360.984]					12.69- 12.74	110531	24	6.6
	[OM360.985]					05.69- 12.74	110512	24	5.4
						12.69- 12.74	110531	24	6.6
	[OM360.986]					12.69- 12.74	110531	24	6.6
O 303 11.0	[OM421.908]	01.80- 04.89	111629	28	120	01.80- 04.89	110206	24	5.4
		01.87- 04.89	111833	28	140	05.83- 09.87	110210	24	6.6
	AC 01.80- 04.89		111629	28	120				
	[OM421.951]	01.87- 04.89	111833	28	140	11.85- 04.89	110206	24	5.4
	AC 01.87- 04.89		111629	28	120	11.85- 09.87	110210	24	6.6
	[OM441.908]	01.80- 09.92	111629	28	120	05.83- 09.87	110210	24	6.6
		01.87- 09.92	111833	28	140	01.80- 04.89	110206	24	5.4
	AC 01.80- 09.92		111629	28	120				
	[OM441.909]	01.80- 09.92	111629	28	120	05.83- 09.87	110210	24	6.6
		01.87- 09.92	111833	28	140	01.80- 04.89	110206	24	5.4
	AC 01.80- 09.92		111629	28	120				
	[OM441.911]	01.87- 04.89	111629	28	120	05.83- 09.87	110210	24	6.6
		01.87- 01.89	111833	28	140	01.80- 04.89	110206	24	5.4
	AC 01.80- 04.89		111629	28	120				
	[OM441.918]	01.87- 04.89	111629	28	120	05.83- 09.87	110210	24	6.6
		01.87- 01.89	111833	28	140	01.80- 01.89	110206	24	5.4
	AC 01.80- 01.89		111629	28	120				
	[OM441.950]	12.87- 09.92	111833	28	140	12.87- 09.92	110206	24	5.4
	AC 12.87- 09.92		111629	28	120				
	[OM441.953]	12.87- 09.92	111833	28	140	12.87- 09.92	110206	24	5.4
	AC 12.87- 09.92		111629	28	120				
O 303 12.8	[OM402.907]	12.78- 06.83	111629	28	120	03.77- 06.83	110206	24	5.4
						03.75- 02.77	110210	24	6.6

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



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O 303 14.6	[OM422.908]	01.80- 12.83	111629	28 120	01.80- 09.87	110206	24 5.4
		01.87- 09.87	111833	28 140	05.83- 09.87	110210	24 6.6
	Klim	01.80- 09.87	113920	28 35			
	AC	01.87- 09.87	111629	28 120			
[OM422.917]		01.80- 12.83	111629	28 120	05.83- 09.87	110210	24 6.6
		01.87- 09.87	111833	28 140	01.80- 09.87	110206	24 5.4
		AC 01.87- 09.87	111629	28 120			
[OM422.951]		08.80- 12.83	111629	28 120	05.83- 09.87	110210	24 6.6
		01.87- 09.87	111833	28 140	08.80- 09.87	110206	24 5.4
		AC 01.87- 09.87	111629	28 120			
[OM422.963]		08.80- 12.83	111629	28 120	08.80- 09.87	110206	24 5.4
		01.87- 09.87	111833	28 140	05.83- 09.87	110210	24 6.6
		AC 01.87- 09.87	111629	28 120			
[OM442.954]		09.87- 09.92	111833	28 140	09.87- 09.92	110206	24 5.4
	AC	09.87- 09.92	111629	28 120			
[OM442.955]		09.87- 09.92	111833	28 140	09.87- 09.92	110206	24 5.4
	AC	09.87- 09.92	111629	28 120			
[OM442.960]		09.87- 09.92	111833	28 140	09.87- 09.92	110206	24 5.4
	AC	09.87- 09.92	111629	28 120			
[OM442.961]		09.87- 09.92	111833	28 140	09.87- 09.92	110206	24 5.4
	AC	09.87- 09.92	111629	28 120			
O 303 15.1	[OM442.910]	09.87- 09.92	111833	28 140	09.87- 09.92	110206	24 5.4
		AC 09.87- 09.92	111629	28 120			
[OM442.911]		09.87- 09.92	111833	28 140	09.87- 09.92	110206	24 5.4
		AC 09.87- 09.92	111629	28 120			
[OM442.918]		09.87- 09.92	111833	28 140	09.87- 09.92	110206	24 5.4
		AC 09.87- 09.92	111629	28 120			
[OM442.919]		09.87- 09.92	111833	28 140	09.87- 09.92	110206	24 5.4
		AC 09.87- 09.92	111629	28 120			
[OM442.939]		09.87- 09.92	111833	28 140	09.87- 09.92	110206	24 5.4
	AC	09.87- 09.92	111629	28 120			
O 303 15.9	[OM403.918]	12.78- 06.83	111629	28 120	07.75- 06.83	110210	24 6.6
O 303 9.6	[OM401.907]				10.74- 06.83	110206	24 5.4
	[OM401.908]				10.74- 06.83	110206	24 5.4
					10.74- 02.77	110210	24 6.6
	[OM401.912]	12.78- 06.83	111629	28 120	03.77- 06.83	110206	24 5.4
					10.74- 02.77	110210	24 6.6
O 305 11.0	[OM407.905]				04.73- 07.77	110210	24 6.6
	[OM407.908]				04.73- 07.77	110210	24 6.6
	[OM407.909]				04.73- 07.77	110210	24 6.6
	[OM407.911]				04.73- 07.77	110210	24 6.6
O 305 11.4	[OM407.913]	12.78- 05.87	111629	28 120	11.76- 05.87	110210	24 6.6
	[OM407.914]	12.78- 05.87	111629	28 120	11.76- 05.87	110210	24 6.6
	[OM407.917]	12.78- 05.87	111629	28 120	11.76- 05.87	110210	24 6.6
	[OM407.919]	12.78- 05.87	111629	28 120	02.78- 05.87	110210	24 6.6
	[OM407.951]	02.79- 05.87	111629	28 120	02.79- 05.87	110210	24 6.6
	[OM407.955]	02.79- 05.87	111629	28 120	02.79- 05.87	110210	24 6.6
O 305 8.7	[OM360.911]				01.69- 05.73	110512	24 5.4
					01.69- 05.73	110601	24 5.4
O 307 11.0	[OM407.907]				04.73- 07.77	110210	24 6.6
	[OM407.911]				04.73- 07.77	110210	24 6.6
O 307 11.4	[OM407.915]	12.78- 07.87	111629	28 120	11.76- 07.87	110210	24 6.6
	[OM407.916]	01.87- 07.87	111629	28 120	11.76- 07.77	110210	24 6.6
	[OM407.918]	01.87- 07.87	111629	28 120	11.76- 07.77	110210	24 6.6
	[OM407.955]				11.76- 07.87	110206	24 5.4
	[OM314.962]				01.70- 02.89	110601	24 5.4
O 309 3.8	[OM314.963]				01.70- 02.89	110601	24 5.4
O 309 5.7	[OM353.969]	05.77- 02.89	111141	14 55			
O 309 D 3.8	[OM314.946]	01.68- 12.69	110727		01.68- 12.69	110512	24 5.4
					01.70- 02.89	110601	24 5.4
	[OM314.948]	08.79- 08.82	111141	14 55	01.70- 01.73	110512	24 5.4
		11.86-	110906	28 30	02.73- 12.86	110524	24 4.0
					01.70- 02.89	110601	24 5.4
	[OM314.959]	08.79- 08.82	111141	14 55	08.74- 02.89	110524	24 4.0
		11.86- 02.89	110895	28 55	01.70- 02.89	110601	24 5.4
		11.86- 02.89	110906	28 30			
O 317 10.8	[OM346.911]				01.66- 01.76	110531	24 6.6
	[OM346.918]				01.66- 01.76	110531	24 6.6
O 345 12.0	(Conecto)[OM457.942]				11.01-	113608	24 6.2
O 345 6.4	(Conecto)[OM906.960]	11.01-	113448	28 100	11.01-	111982	24 4.0 BO
					11.01-	114523	24 4.0
					11.01-	115514	24 4.0 A49
O 350 11.0	(Tourismo)[OM441.980]	10.95-	111833	28 140	10.95-	110206	24 5.4
	[OM445.934]	10.95-	111833	28 140	10.95-	110206	24 5.4
O 350 12.0	(Tourismo)[OM457.944]				09.03-	113608	24 6.2
O 350 12.8	(Tourismo)[OM402.970]	10.95-	111833	28 140	10.95-	110206	24 5.4
O 350 14.6	(Tourismo)[OM446.938]	08.95-	111833	28 140	10.95-	110206	24 5.4
O 402 6.0	[OM366.917]	02.86- 02.01	111833	28 140	02.86- 02.01	110524	24 4.0
					02.86- 02.01	113979	24 4.0
	[OM366.965]	06.86- 02.01	111833	28 140	02.86- 02.01	110524	24 4.0
					02.86- 02.01	113979	24 4.0
O 404 11.0	[OM441.980]	09.91- 10.99	111833	28 140	09.91- 10.99	110206	24 5.4
	[OM445.934]	09.91- 10.99	111833	28 140	09.91- 10.99	110206	24 5.4
	[OM445.935]	01.95- 10.99	111833	28 140	09.94- 10.99	110206	24 5.4
	[OM441.921]	09.91- 01.92	111833	28 140	09.91- 01.92	110206	24 5.4
	[OM441.922]	09.91- 01.92	111833	28 140	09.91- 01.92	110206	24 5.4
O 404 12.8	[OM402.970]	09.91- 10.99	111833	28 140	09.91- 10.99	110206	24 5.4
O 404 14.6	[OM446.934]	01.95- 10.99	111833	28 140	01.95- 10.99	110206	24 5.4
	[OM446.938]	01.95- 10.99	111833	28 140	01.95- 10.99	110206	24 5.4





O 404 15.1	[OM442.930]	09.91- 01.92	111833	28	140	09.91- 01.92	110206	24	5.4	
	[OM442.931]	09.91- 01.92	111833	28	140	09.91- 01.92	110206	24	5.4	
O 404 9.6	[OM401.970]	09.91- 10.99	111833	28	140	09.91- 10.99	110206	24	5.4	
O 404 9.8	[OM401.974]	09.91- 10.99	111833	28	140	09.91- 10.99	110206	24	5.4	
O 405 12.0	[OM427.905]	11.86-	111833	28	140	11.86-	110210	24	6.6	
	[OM427.910]	11.85-	111833	28	140	11.85-	110210	24	6.6	
	[OM427.911]	11.85-	111833	28	140	11.85-	110210	24	6.6	
	[OM427.950]	11.85- 02.01	111833	28	140	11.85- 02.01	110210	24	6.6	
	[OM447.905]	11.86-	111833	28	140	11.86-	110210	24	6.6	
	[OM447.907]	11.85-	111833	28	140	11.85-	110210	24	6.6	
	[OM447.908]	11.85-	111833	28	140	11.85-	110210	24	6.6	
	[OM447.910]	11.85-	111833	28	140	11.85-	110210	24	6.6	
	[OM447.911]	11.86-	111833	28	140	11.86-	110210	24	6.6	
	[OM447.913]	11.86-	111833	28	140	11.86-	110210	24	6.6	
	[OM447.914]	11.86-	111833	28	140	11.86-	110210	24	6.6	
	[OM447.950]	11.85- 02.01	111833	28	140	11.85- 02.01	110210	24	6.6	
	[OM447.951]	11.85- 02.01	111833	28	140	11.85- 02.01	110210	24	6.6	
	[OM447.955]	11.85-	111833	28	140	11.85-	110210	24	6.6	
	[OM447.956]	11.85-	111833	28	140	11.85-	110210	24	6.6	
	[OM447.957]	11.85-	111833	28	140	11.85-	110210	24	6.6	
	[OM447.959]	11.85-	111833	28	140	11.85-	110210	24	6.6	
	[OM447.970]	11.86-	111833	28	140	11.86-	110210	24	6.6	
	[OM447.971]	11.85-	111833	28	140	11.85-	110210	24	6.6	
	[OM447.972]	11.91-	111833	28	140	11.91-	110210	24	6.6	
	[OM447.973]	11.86-	111833	28	140	11.86-	110210	24	6.6	
	[OM447.974]	11.85-	111833	28	140	11.85-	110210	24	6.6	
	[OM447.975]	11.91-	111833	28	140	11.91-	110210	24	6.6	
	[OM447.976]	11.85-	111833	28	140	11.85-	110210	24	6.6	
	[OM447.981]	11.91-	111833	28	140	11.91-	110210	24	6.6	
	[OM447.986]	11.91-	111833	28	140	11.91-	110210	24	6.6	
	O 405 G 12.0	[OM447.977]					09.91-	110210	24	6.6
		[OM447.980]					09.91-	110210	24	6.6
	O 405 GN 12.0	[OM447.978]	11.85-	111833	28	140	11.85-	110210	24	6.6
		[OM447.979]					09.91-	110210	24	6.6
		[OM447.984]	09.91-	111833	28	140	09.91-	110210	24	6.6
	O 405 GNTD 12.0	[OM447.998]					09.91-	110210	24	6.6
O 407 12.0	[OM447.906]	03.87- 02.01	111833	28	140	03.87- 02.01	110210	24	6.6	
	[OM447.908]	03.87- 02.01	111833	28	140	03.87- 02.01	110210	24	6.6	
	[OM447.954]	03.87- 02.01	111833	28	140	03.87- 02.01	110210	24	6.6	
	[OM447.985]	11.91- 02.01	111833	28	140	02.91- 02.01	110210	24	6.6	
	[OM447.990]	03.87- 02.01	111833	28	140	03.87- 02.01	110210	24	6.6	
	[OM447.991]	11.91- 02.01	111833	28	140	02.91- 02.01	110210	24	6.6	
O 408 12.0	[OM447.912]	01.91- 12.01	111833	28	140	01.91- 12.01	110210	24	6.6	
						01.95- 12.98	113133			
	[OM447.958]	01.91- 12.01	111833	28	140	01.91- 12.01	110210	24	6.6	
						01.95- 12.98	113133			
	[OM447.987]	08.92- 12.01	111833	28	140	08.92-	110210	24	6.6	
						01.95- 12.98	113133			
	[OM447.992]	01.91- 12.01	111833	28	140	01.91- 12.01	110210	24	6.6	
						01.95- 12.98	113133			
	[OM447.993]	08.92- 12.01	111833	28	140	08.92- 12.01	110210	24	6.6	
						01.95- 12.98	113133			
O 500 12.0	(Touro)[OM457.944]					10.01-	113608	24	6.2	
						10.01-	113609	24	6.2	
						10.01-	113851	24	7.5	
O 510 6.4	(Tourino)[OM906.961]	10.03-	111833	28	140	10.03-	111982	24	4.0	
		10.03-	113448	28	100	10.03-	114523	24	4.0	
						10.03-	115514	24	4.0 A49	
	[OM906.962]	10.03-	111833	28	140	10.03-	111982	24	4.0	
		10.03-	113448	28	100	10.03-	114523	24	4.0	
						10.03-	115514	24	4.0 A49	
O 520 4.3	(Cito)[OM904.942]	06.99-	113448	28	100	01.99-	111982	24	4.0	
						06.99-	114523	24	4.0	
						01.99-	115514	24	4.0 A49	
O 530 G 6.4	(Axor)[OM909.901]	01.99-	113351	28	100	01.99-	114523	24	4.0	
		01.99-	113448	28	100	01.99-	111982	24	4.0	
		01.99- 09.04	115497	28	100 A49	01.99- 09.04	115514	24	4.0 A49	
	(Citaro)[OM457.935]					01.98-	113608	24	6.2	
	[OM906.930]	01.99-	113448	28	100	01.99-	111982	24	4.0	
						01.99-	114523	24	4.0	
						01.99- 09.04	115514	24	4.0 A49	
	[OM906.960]	01.99-	113351	28	100	01.99-	114523	24	4.0	
		01.99-	113448	28	100	01.99-	111982	24	4.0	
		01.99- 09.04	115497	28	100 A49	01.99- 09.04	115514	24	4.0 A49	
[OM906.961]	01.99-	113448	28	100	01.99-	111982	24	4.0		
					01.99-	114523	24	4.0		
					01.99- 09.04	115514	24	4.0 A49		
[OM909.921]	01.99-	113351	28	100	01.99-	111982	24	4.0		
	01.99-	113448	28	100	01.99-	114523	24	4.0		
	01.99- 09.04	115497	28	100 A49	01.99- 09.04	115514	24	4.0 A49		
O 530 GNG 12.0	(Citaro)[M476.930]					04.00-	110210	24	6.6	
O 530 L 6.4	(Citaro)[OM906.930]	01.99-	113448	28	100	01.99-	111982	24	4.0	
						01.99-	114523	24	4.0	
						01.99- 09.04	115514	24	4.0 A49	
	[OM906.960]	01.01-	113351	28	100	01.99-	111982	24	4.0	
	01.01-	113448	28	100	01.99-	114523	24	4.0		
		01.01-	115497	28	100 A49	01.99-	115514	24	4.0 A49	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





MERCEDES-BENZ Continued

Application list

	[OM909.901]	01.99-	113351	28 100	01.99-	114523	24 4.0
		01.99-	113448	28 100	01.99-	111982	24 4.0
		01.99- 09.04	115497	28 100 A49	01.99- 09.04	115514	24 4.0 A49
	[OM909.921]	01.99-	113351	28 100	01.99-	114523	24 4.0
		01.99-	113448	28 100	01.99-	111982	24 4.0
		01.99- 09.04	115497	28 100 A49	01.99- 09.04	115514	24 4.0 A49
O 530 N 12.0	(Citaro)[OM457.934]				01.98-	110210	24 6.6
					01.98-	113608	24 6.2
	[OM457.942]	01.98-	111833	28 140	01.98-	113608	24 6.2
					01.98-	110210	24 6.6
O 530 N 6.4	(Citaro)[OM906.962]	04.00-	113278		04.99-	114523	24 4.0
		04.00-	113351	28 100	04.00-	115514	24 4.0 A49
		04.00-	113448	28 100	04.00-	111982	24 4.0
		04.00-	115497	28 100 A49			
	[OM906.963]	04.99-	113351	28 100	04.99-	114523	24 4.0
		04.99-	113448	28 100	04.99-	111982	24 4.0
		04.99-	115497	28 100 A49	04.99-	115514	24 4.0 A49
O 530 N3 6.4	(Citaro)[OM906.930]	01.98-	112561	28 80	01.98-	111982	24 4.0
		01.98-	113448	28 100	01.98-	114523	24 4.0
					01.98- 09.04	115514	24 4.0 A49
	[OM906.931]	01.98-	112561	28 80	01.98-	111982	24 4.0
		01.98-	113448	28 100	01.98-	114523	24 4.0
					01.98-	115514	24 4.0 A49
O 530 NG 12.0	(Citaro)[M476.930]				04.00-	110210	24 6.6
	[M476.932]				06.00-	110210	24 6.6
	[M476.933]	04.00-	111833	28 140	04.00-	110210	24 6.6
					04.00-	113608	24 6.2
	[M476.934]	04.00-	111833	28 140	04.00-	110210	24 6.6
					04.00-	113608	24 6.2
O 550 12.0	(Integro)[OM457.952]				01.06-	113609	24 6.2
					01.06-	113851	24 7.5
O 580 RHD 12.0	(Travego)[OM457.936]				10.99-	113608	24 6.2
O 580-15 RH 12.0	(Travego)[OM457.940]				10.99-	113608	24 6.2
O 580-15 RHD 12.0	(Travego)[OM457.944]				10.99-	113608	24 6.2
O 580-17 RHD 12.0	(Travego)[OM457.944]				10.99-	113608	24 6.2
O 580-17 RHD 15.9	(Travego)[OM542.948]				10.99-	111771	24 6.2
					10.99-	113609	24 6.2
					10.99-	113851	24 7.5
U 100 2.9	(Unimog)[OM602.981]	07.96-	111890	14 90	07.96-	111851	12 2.0
	[OM602.989]	07.96-	111890	14 90	07.96-	111851	12 2.0 BO
					09.96-	112226	
U 100 5.7	(Unimog)[OM353.901]				09.73- 12.76	110525	12 3.0
U 1000 5.7	(Unimog)[OM353.940]	01.77- 12.82	111141	14 55			
	[OM353.962]	01.77- 05.88	111141	14 55	06.84- 05.88	110525	12 3.0
					01.77- 05.88	110512	24 5.4
					01.77- 05.88	110601	24 5.4
	[OM353.980]	01.77- 12.82	111141	14 55			
U 1000 6.0	(Unimog)[OM356.914]	01.88- 12.92	111141	14 55	01.88- 01.91	110525	12 3.0
		01.88- 12.92	113920	28 35	01.91- 12.92	110524	24 4.0
	[OM366.915]	01.88- 12.92	111141	14 55	01.88- 01.91	110525	12 3.0
		01.88- 12.92	113920	28 35	01.91- 12.92	110524	24 4.0
U 110 4.0	(Unimog)[OM364.955]	07.92-	111141	14 55	07.92-	110525	12 3.0
	Eng. 393454-	07.92-	113611	14 90			
	[OM364.958]	07.92-	111141	14 55	02.92-	110525	12 3.0
		07.92-	113611	14 90			
U 1100 5.7	(Unimog)[OM353.901]	01.77- 05.88	112098	14 65			
	[OM353.907]	01.77- 01.88	112098	14 65			
	[OM353.980]	01.77- 05.88	112098	14 65			
		05.79- 12.82	111141	14 55			
U 1150 5.7	(Unimog)[OM353.907]	05.88- 02.01	110766	28 27	Eng. -708449 05.88- 02.01	110512	24 5.4
					05.88-	110601	24 5.4
	[OM353.940]	05.88- 02.01	110766	28 27	05.88- 02.01	110512	24 5.4
		05.88- 02.01	112098	14 65	05.88-	110601	24 5.4
U 1200 5.7	(Unimog)[OM353.973]	02.82- 05.88	111141	14 55	02.82- 05.88	110525	12 3.0
	[OM353.995]	02.82- 05.88	111141	14 55	02.82- 05.88	110525	12 3.0
U 1200 6.0	(Unimog)[OM356.950]	01.88- 02.01	111141	14 55	01.91- 02.01	110524	24 4.0
		01.88- 02.01	113920	28 35	01.88- 01.91	110525	12 3.0
	[OM356.954]	01.88- 02.01	111141	14 55	01.91- 02.01	110524	24 4.0
		01.88- 02.01	113920	28 35	01.88- 01.91	110525	12 3.0
		01.96-	110895	28 55	01.91-	113979	24 4.0
	[OM366.949]	01.88- 02.01	111141	14 55	01.88- 01.91	110525	12 3.0
		01.88- 02.01	113920	28 35	01.91- 02.01	110524	24 4.0
U 125 5.7	(Unimog)[OM353.907]				09.73- 12.76	110525	12 3.0
U 1250 5.7	(Unimog)[OM353.973]	12.84- 11.87	111141	14 55	12.84- 05.88	110525	12 3.0
	[OM353.995]	12.84- 11.87	111141	14 55	12.84- 05.88	110525	12 3.0
U 1250 6.0	(Unimog)[OM356.950]	01.88- 02.01	111141	14 55	01.88- 01.91	110525	12 3.0
		01.88- 02.01	113920	28 35	01.91- 02.01	110524	24 4.0
	[OM356.954]	01.88- 02.01	111141	14 55	09.91-	110524	24 4.0
		01.88- 02.01	113920	28 35	09.91- 02.01	113979	24 4.0
	[OM366.949]	01.88- 02.01	111141	14 55	01.88- 01.91	110525	12 3.0
		01.88- 02.01	113920	28 35	01.91- 02.01	110524	24 4.0
	[OM366.955]	05.88- 02.01	111141	14 55	05.88- 02.01	110525	12 3.0
		05.88- 02.01	113920	28 35	05.88- 02.01	110524	24 4.0
					05.88- 02.01	113979	24 4.0
U 130 4.0	(Unimog)[OM364.982]	07.92-	111141	14 55	07.92-	110525	12 3.0
		07.92-	113611	14 90			
	[OM364.985]	07.92-	111141	14 55	07.92-	110525	12 3.0
		07.92-	113611	14 90			

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U 1300 5.7	(Unimog)[OM353.961]	01.77- 05.88	111141	14 55	01.77- 05.88	110525	12 3.0
		10.78- 05.88	112288	28 55	03.82-	110524	24 4.0
	[OM353.973]	01.77- 05.88	111141	14 55	01.81- 12.84	110525	12 3.0
		10.78- 05.88	112288	28 55	01.77- 12.80	110208	24 5.4
					03.82-	110524	24 4.0
	[OM353.995]	01.77- 12.84	111141	14 55			
U 1350 6.0	(Unimog)[OM366.955]	05.88- 02.01	111141	14 55	05.88- 02.01	110525	12 3.0
		05.88- 02.01	113920	28 35	05.88- 02.01	110524	24 4.0
					05.88- 02.01	113979	24 4.0
U 140 4.0	(Unimog)[OM364.982]	07.92-	111141	14 55	07.92-	110525	12 3.0
		07.92-	113611	14 90			
	[OM364.985]	05.93-	111141	14 55	05.93-	110525	12 3.0
		05.93-	113611	14 90			
U 1400 6.0	(Unimog)[OM357.912]	01.88- 04.00	111141	14 55	01.88- 04.00	110524	24 4.0
		01.88- 04.00	113920	28 35	01.88- 04.00	113979	24 4.0
		07.94- 04.00	112288	28 55	01.88- 04.00	110525	12 3.0
	[OM366.947]	01.88- 04.00	111141	14 55	01.88- 04.00	110524	24 4.0
		01.88- 04.00	113920	28 35	01.88- 04.00	113979	24 4.0
		07.94- 04.00	112288	28 55	01.88- 04.00	110525	12 3.0
	[OM366.948]	01.88- 04.00	111141	14 55	01.88- 04.00	110525	12 3.0
		01.88- 04.00	113920	28 35	01.88- 04.00	113979	24 4.0
		07.94- 04.00	112288	28 55	01.88- 04.00	110524	24 4.0
	[OM366.955]	01.88- 04.00	111141	14 55	01.88- 04.00	110524	24 4.0
		01.88- 04.00	113920	28 35	01.88- 04.00	113979	24 4.0
		07.94- 04.00	112288	28 55	01.88- 04.00	110525	12 3.0
	[OM366.956]	01.88- 04.00	111141	14 55	01.88- 04.00	110524	24 4.0
		01.88- 04.00	113920	28 35	01.88- 04.00	113979	24 4.0
		07.94- 04.00	112288	28 55	01.88- 04.00	110525	12 3.0
U 1450 6.0	(Unimog)[OM357.912]	Eng. 371352- 07.94- 04.00	110895	28 55	07.94-	110524	24 4.0
		Eng. -371351 07.94- 04.00	112288	28 55	07.94- 04.00	113979	24 4.0
	[OM366.947]	01.91- 04.00	113920	28 35	01.91- 04.00	110524	24 4.0
		01.94- 04.00	111141	14 55	01.88- 01.91	110525	12 3.0
	[OM366.948]	01.88-	111141	14 55	01.88- 04.00	110524	24 4.0
					01.88- 04.00	113979	24 4.0
		Mot. 01.88- 04.00	113920	28 35	01.88- 04.00	110525	12 3.0
	[OM366.955]	01.88-	111141	14 55	01.88- 04.00	110524	24 4.0
					01.88- 04.00	113979	24 4.0
	Mot. 01.88- 04.00	113920	28 35	01.88- 04.00	110525	12 3.0	
[OM366.956]	01.88-	111141	14 55	01.88- 04.00	110524	24 4.0	
				01.88- 04.00	113979	24 4.0	
	Mot. 01.88- 04.00	113920	28 35	01.88- 04.00	110525	12 3.0	
U 1500 5.7	(Unimog)[OM353.958]	01.77- 05.88	111141	14 55	01.77- 05.88	110525	12 3.0
U 1550 5.7	(Unimog)[OM353.958]	01.86- 05.88	111141	14 55	04.86- 05.88	110525	12 3.0
	[OM353.961]	02.86- 05.88	111141	14 55	02.86- 05.88	110525	12 3.0
	[OM353.995]	02.86- 05.88	111141	14 55	02.86- 05.88	110525	12 3.0
U 1550 6.0	(Unimog)[OM356.955]	01.92- 12.95	113920	28 35	01.92- 04.00	113979	24 4.0
		01.96- 04.00	110895	28 55	01.92- 04.00	110524	24 4.0
	[OM356.956]	01.92- 12.95	113920	28 35	01.92- 04.00	113979	24 4.0
		01.96- 04.00	110895	28 55	01.92- 04.00	110524	24 4.0
	[OM356.980]	03.90- 04.00	110895	28 55	03.90- 04.00	110524	24 4.0
		03.90- 04.00	111141	14 55	03.90- 04.00	110525	12 3.0
		03.90- 04.00	112288	28 55	03.90- 04.00	113979	24 4.0
	[OM356.997]	05.88- 04.00	110895	28 55	05.88- 04.00	110524	24 4.0
		05.88- 04.00	111141	14 55	05.88- 04.00	110525	12 3.0
		01.91- 04.00	112288	28 55	05.88- 04.00	113979	24 4.0
	[OM357.924]	05.88- 04.00	110895	28 55	05.88- 04.00	110525	12 3.0
		05.88- 04.00	112288	28 55	05.88- 04.00	110524	24 4.0
					05.88- 04.00	113979	24 4.0
	[OM357.945]	03.90- 04.00	110895	28 55	03.90- 04.00	110525	12 3.0
		03.90- 04.00	111141	14 55	03.90- 04.00	110524	24 4.0
		03.90- 04.00	112288	28 55	03.90- 04.00	113979	24 4.0
	[OM366.955]	05.88- 04.00	111141	14 55	05.88- 04.00	110525	12 3.0
		05.88- 04.00	113920	28 35	05.88- 04.00	110524	24 4.0
					05.88- 04.00	113979	24 4.0
	[OM366.956]	05.88- 04.00	111141	14 55	05.88- 04.00	110525	12 3.0
		05.88- 04.00	113920	28 35	05.88- 04.00	110524	24 4.0
					05.88- 04.00	113979	24 4.0
	[OM366.963]	01.92-	110895	28 55	01.92-	110525	12 3.0
	01.92-	111141	14 55	01.92- 04.00	113979	24 4.0	
	01.92- 04.00	113920	28 35	01.92-	110524	24 4.0	
[OM366.984]	05.88- 04.00	110895	28 55	05.88- 04.00	110525	12 3.0	
	05.88- 04.00	112288	28 55	05.88- 04.00	110524	24 4.0	
				05.88- 04.00	113979	24 4.0	
U 1600 6.0	(Unimog)[OM356.956]	01.88- 02.00	111141	14 55	01.91- 04.00	110524	24 4.0
		01.88- 04.00	113920	28 35	01.88- 01.91	110525	12 3.0
	[OM356.980]	05.91-	110895	28 55	05.91-	110524	24 4.0
		05.91-	111141	14 55	05.91-	110525	12 3.0
		05.91-	112288	28 55	05.91- 11.10	113979	24 4.0
	[OM356.997]	11.92-	110895	28 55	11.92-	110524	24 4.0
		11.92-	112288	28 55	11.92-	113979	24 4.0
	[OM357.924]	11.92-	110895	28 55	11.92-	110524	24 4.0
		11.92-	112288	28 55	11.92-	113979	24 4.0
	[OM357.945]	11.92-	112288	28 55	05.91-	110524	24 4.0
					05.91-	110525	12 3.0
				05.91- 11.10	113979	24 4.0	
[OM366.949]	01.88- 04.00	111141	14 55	01.88- 01.91	110525	12 3.0	
	01.88- 04.00	113920	28 35	01.91- 04.00	110524	24 4.0	

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Application list

	[OM366.984]	11.92-	110895	28 55	09.89-	110525	12 3.0	
		11.92-	112288	28 55	11.92-	113979	24 4.0	
U 1650 6.0	(Unimog)[OM356.956]	01.88- 04.00	111141	14 55	01.91- 04.00	110524	24 4.0	
		01.88- 04.00	113920	28 35	01.88- 01.91	110525	12 3.0	
	[OM356.980]	05.91- 02.01	112288	28 55	05.91- 02.01	110525	12 3.0	
		01.96- 02.01	110895	28 55	05.91- 02.01	110524	24 4.0	
					05.91- 02.01	113979	24 4.0	
	[OM356.997]	09.89- 02.01	112288	28 55	09.89- 02.01	110524	24 4.0	
					09.89- 02.01	113979	24 4.0	
	[OM357.924]	09.89- 02.01	112288	28 55	01.88- 02.01	110524	24 4.0	
					01.88- 02.01	113979	24 4.0	
	[OM357.945]	01.88- 02.01	112288	28 55				
	[OM366.948]	01.88- 04.00	111141	14 55	01.88- 01.91	110525	12 3.0	
		01.88- 04.00	113920	28 35	01.91- 04.00	110524	24 4.0	
	[OM366.949]	01.88- 02.01	111141	14 55	01.91- 04.00	110524	24 4.0	
		01.88- 02.01	113920	28 35	01.88- 01.91	110525	12 3.0	
	[OM366.984]	09.89- 02.01	112288	28 55	09.89-	110524	24 4.0	
					09.89- 02.01	113979	24 4.0	
U 1700 5.7	(Unimog)[OM353.959]	05.78- 09.88	111141	14 55	05.78- 09.88	110525	12 3.0	
		05.79- 05.80	110751	14 35	03.87- 09.88	110524	24 4.0	
U 1700 6.0	(Unimog)[OM356.957]	09.88- 02.01	110895	28 55	09.88- 02.01	110524	24 4.0	
		09.88- 02.01	111141	14 55	09.88- 02.01	110525	12 3.0	
		09.88- 02.01	113920	28 35	09.88- 08.02	113979	24 4.0	
	[OM366.963]	09.88- 02.01	110895	28 55	09.88- 02.01	110524	24 4.0	
		09.88- 02.01	111141	14 55	09.88- 02.01	113979	24 4.0	
		09.88- 02.01	113920	28 35	09.88- 02.01	110525	12 3.0	
U 1750 6.0	(Unimog)[OM356.957]	09.88- 02.01	110895	28 55	09.88- 02.01	110525	12 3.0	
		09.88- 02.01	111141	14 55	09.88- 02.01	110524	24 4.0	
		09.88- 02.01	113920	28 35	09.88- 02.01	113979	24 4.0	
	[OM356.981]	05.91-	110895	28 55	09.88- 02.01	110525	12 3.0	
		05.91-	111141	14 55	09.88- 02.01	110524	24 4.0	
		05.91-	112288	28 55	09.88- 02.01	113979	24 4.0	
	[OM366.963]	09.88- 02.01	110895	28 55	09.88- 02.01	110525	12 3.0	
		09.88- 02.01	111141	14 55	09.88- 02.01	110524	24 4.0	
		09.88- 02.01	113920	28 35	09.88- 02.01	113979	24 4.0	
U 1800 6.0	(Unimog)[OM356.998]	04.92-	110895	28 55	04.92-	110524	24 4.0	
		04.92-	112288	28 55	04.92- 08.02	113979	24 4.0	
U 1850 6.0	(Unimog)[OM356.998]	04.92-	110895	28 55	04.92-	110524	24 4.0	
		04.92-	112288	28 55	04.92- 08.02	113979	24 4.0	
U 2100 6.0	(Unimog)[OM356.997]	09.89- 02.01	110895	28 55	09.89- 02.01	110525	12 3.0	
		09.89- 02.01	111141	14 55	09.89- 02.01	110524	24 4.0	
		09.89- 02.01	112288	28 55	09.89- 08.02	113979	24 4.0	
	[OM366.984]	09.89- 02.01	110895	28 55	09.89- 02.01	110525	12 3.0	
		09.89- 02.01	111141	14 55	09.89- 02.01	110524	24 4.0	
		09.89- 02.01	112288	28 55	09.89- 02.01	113979	24 4.0	
U 2150 6.0	(Unimog)[OM356.980]	05.91- 08.02	110895	28 55	05.91- 08.02	110524	24 4.0	
		05.91- 08.02	111141	14 55	05.91- 08.02	110525	12 3.0	
		05.91- 08.02	112288	28 55	05.91- 08.02	113979	24 4.0	
	[OM356.997]	09.89- 02.01	110895	28 55	09.89- 02.01	110524	24 4.0	
		09.89- 02.01	111141	14 55	09.89- 02.01	110525	12 3.0	
		09.89- 02.01	112288	28 55	09.89- 02.01	113979	24 4.0	
	[OM357.945]	05.91- 08.02	110895	28 55	05.91- 08.02	110525	12 3.0	
		05.91- 08.02	113920	28 35	05.91- 08.02	110524	24 4.0	
					05.91- 08.02	113979	24 4.0	
	[OM366.984]	09.89- 02.01	110895	28 55	09.89- 02.01	110525	12 3.0	
		09.89- 02.01	111141	14 55	09.89- 02.01	110524	24 4.0	
		09.89- 02.01	112288	28 55	09.89- 02.01	113979	24 4.0	
U 2400 6.0	(Unimog)[OM356.980]	05.91-	110895	28 55	05.91-	110525	12 3.0	
		05.91-	111141	14 55	05.91- 08.02	113979	24 4.0	
		05.91-	112288	28 55	05.91-	110524	24 4.0	
	[OM357.945]	05.91- 08.02	110895	28 55	05.91-	110525	12 3.0	
		05.91- 08.02	113920	28 35	05.91-	110524	24 4.0	
		07.93- 08.02	112288	28 55	05.91- 08.02	113979	24 4.0	
U 2450 6.0	(Unimog)[OM356.980]	07.93- 08.02	110895	28 55	05.91- 08.02	110525	12 3.0	
		07.93- 08.02	111141	14 55	05.91- 08.02	113979	24 4.0	
		07.93- 08.02	112288	28 55	05.91- 08.02	110524	24 4.0	
	[OM357.945]	07.93- 08.02	110895	28 55	05.91- 08.02	110525	12 3.0	
		07.93- 08.02	111141	14 55	05.91- 08.02	113979	24 4.0	
		07.93- 08.02	112288	28 55	05.91- 08.02	110524	24 4.0	
U 300 4.2	(Unimog)[OM904.927]	04.00-	112561	28 80	04.00-	111982	24 4.0	
		04.00-	113278		03.00-	114523	24 4.0	
		04.00-	113351	28 100	03.00-	115514	24 4.0	A49
		04.00-	113448	28 100				
		04.00-	115497	28 100 A49				
	[OM904.928]	04.00-	112561	28 80	03.00-	114523	24 4.0	
		04.00-	113278		03.00-	115514	24 4.0	A49
		04.00-	113351	28 100	04.00-	111982	24 4.0	
		04.00-	113448	28 100				
		04.00-	115497	28 100 A49				
U 3000 4.2	(Unimog)[OM904.952]				09.02-	111982	24 4.0	
					09.02-	114523	24 4.0	
					09.02-	115514	24 4.0	A49
	[OM904.953]	09.02-	113278		09.02-	114523	24 4.0	
		09.02-	113351	28 100	09.02-	111982	24 4.0	
		09.02-	115497	28 100 A49	09.02-	115514	24 4.0	A49



U 400 4.2	(Unimog)[OM904.928]	04.00-	112561	28	80	04.00-	111982	24	4.0
		04.00-	113278			03.00-	114523	24	4.0
		04.00-	113351	28	100	03.00-	115514	24	4.0 A49
		04.00-	113448	28	100				
		04.00-	115497	28	100 A49				
U 400 6.4	(Unimog)[OM906.935]	04.00-	112561	28	80	03.00-	114523	24	4.0
		04.00-	113278			04.00-	111982	24	4.0
		04.00-	113351	28	100	03.00-	115514	24	4.0 A49
		04.00-	113448	28	100				
		04.00-	115497	28	100 A49				
U 4000 4.2	(Unimog)[OM904.952]	09.02-	113278			09.02-	111982	24	4.0
		09.02-	113351	28	100	09.02-	114523	24	4.0
		09.02-	115497	28	100 A49	09.02-	115514	24	4.0 A49
	[OM904.953]	09.02-	115497	28	100 A49	09.02-	114523	24	4.0
						09.02-	115514	24	4.0 A49
U 4000 4.8	(Unimog)[OM924.923]	09.02-	115497	28	100 A49	09.02-	114523	24	4.0
						09.02-	115514	24	4.0 A49
U 45 2.2	(Unimog)[OM615.911]	01.68- 12.71	110727			01.66- 04.71	110368	12	2.3
U 500 6.4	(Unimog)[OM906.935]	02.01-	112561	28	80	10.00-	114523	24	4.0
		02.01-	113278			02.01-	115514	24	4.0 A49
		02.01-	113351	28	100	02.01-	111982	24	4.0
		02.01-	113448	28	100				
		02.01-	115497	28	100 A49				
	[OM906.955]	02.01-	112561	28	80	10.00-	114523	24	4.0
		02.01-	113448	28	100	02.01-	111982	24	4.0
						02.01-	115514	24	4.0 A49
U 500	[OM906]	01.01-	114395						
U 5000 4.8	(Unimog)[OM924.916]	03.03-	112561	28	80	03.03-	111982	24	4.0
		03.03-	113278			09.02-	114523	24	4.0
						03.03-	115514	24	4.0 A49
U 5000 6.4	(Unimog)[OM906.935]	11.02-	115497	28	100 A49	11.02-	114523	24	4.0
						11.02-	115514	24	4.0 A49
U 52 2.4	(Unimog)[OM616.911]					01.77- 05.88	110368	12	2.3
						01.77- 05.88	110368	12	2.3
						01.77- 05.88	110368	12	2.3
						01.77- 05.88	110368	12	2.3
U 54 3.8	(Unimog)[OM314.916]	04.66- 03.72	111141	14	55	09.73- 12.76	110525	12	3.0
U 60 2.4	(Unimog)[OM616.911]					01.77- 05.88	110368	12	2.3
						01.77- 05.88	110368	12	2.3
						01.77- 05.88	110368	12	2.3
						01.77- 05.88	110368	12	2.3
U 600 2.4	(Unimog)[OM616.911]	01.77- 05.88	112098	14	65	01.77- 05.88	110368	12	2.3
		01.77- 05.88	112098	14	65	01.77- 05.88	110368	12	2.3
		01.77- 05.88	112098	14	65	01.77- 05.88	110368	12	2.3
		01.77- 05.88	112098	14	65	01.77- 05.88	110368	12	2.3
		01.77- 05.88	112098	14	65	01.77- 05.88	110368	12	2.3
		05.88- 02.01	112098	14	65	05.88- 02.01	110368	12	2.3
		05.88- 02.01	112098	14	65	05.88- 02.01	110368	12	2.3
U 650 2.4	(Unimog)[OM616.942]	05.88- 02.01	112098	14	65	05.88- 02.01	110368	12	2.3
						05.88-	112174	24	3.2
		05.88- 02.01	112098	14	65	05.88- 02.01	110368	12	2.3
	[OM616.943]	05.88- 02.01	112098	14	65	05.88-	112174	24	3.2
						05.88-	112174	24	3.2
U 66 3.8	(Unimog)[OM314.917]					09.73- 12.75	110525	12	3.0
U 72 3.8	(Unimog)[OM314.917]					01.76- 12.76	110525	12	3.0
U 80 3.8	(Unimog)[OM314.917]					09.73- 01.77	110525	12	3.0
U 80 5.7	(Unimog)[OM352.903]					05.66- 01.88	110525	12	3.0
						09.73-	110525	12	3.0
	[OM352.984]					09.73- 12.76	110525	12	3.0
	[OM353.902]								
U 800 3.8	(Unimog)[OM314.917]	04.82- 03.90	112098	14	65				
U 84 5.7	(Unimog)[OM352.903]					05.69- 01.88	110525	12	3.0
						09.73- 12.76	110525	12	3.0
	[OM353.902]								
U 90 2.9	(Unimog)[OM602.981]	07.96-	111890	14	90	07.96-	111851	12	2.0
		07.96-	111890	14	90	07.96-	111851	12	2.0
U 90 5.7	(Unimog)[OM352.903]					05.66- 01.88	110525	12	3.0
						09.73- 12.75	110525	12	3.0
						05.69- 01.88	110525	12	3.0
	[OM352.984]								
	[OM353.902]								
U 900 5.7	(Unimog)[OM353.902]	04.82- 02.01	112098	14	65				
		01.77- 05.88	112098	14	65				
	[OM353.940]								
U 900 6.0	(Unimog)[OM356.912]	11.88- 02.01	110766	28	27				
		11.88- 02.01	112098	14	65				
		11.88- 02.01	110766	28	27				
	[OM366.939]								
		11.88- 02.01	112098	14	65				
Various Models	(Hanomag)					07.72- 06.73	110210	24	6.6
						06.70- 02.74	110368	12	2.3
						03.71- 02.74	110512	24	5.4
						12.69- 12.73	110536	12	2.7
						03.71- 02.74	110775	12	1.8
						07.82-	111003	24	5.4
							111793	12	3.0
						01.80-	112670	24	4.0
					114003	12	5.5		
<b>AGRICULTURE</b>									
700 3.8	[OM314.956]	07.73- 12.75	111141	14	55	04.74- 12.75	110525	12	3.0
						03.74- 12.75	110525	12	3.0
	[OM314.957]								
700 4.0	[OM364.908]	03.87- 12.91	111141	14	55	03.87- 12.91	110525	12	3.0
800 3.8	[OM314.957]	07.73- 12.75	111141	14	55	03.74- 12.75	110525	12	3.0
800 4.0	[OM364.909]	03.87- 12.91	111141	14	55	03.87- 12.91	110525	12	3.0
900 3.8	[OM314.970]	09.81- 12.82	111141	14	55	09.81- 12.82	110525	12	3.0
900 4.0 Turbo	[OM364.951]	03.87- 12.91	111141	14	55	03.87- 12.91	110525	12	3.0
1000 5.7	[OM353.985]	12.82- 03.87	111141	14	55	12.82- 03.87	110525	12	3.0

## STARTERS & ALTERNATORS

O. E. M. names and numbers are used for reference purposes only.



Application list

**MERCEDES-BENZ** *Continued*

1000 6.0	[OM366.908]	03.87- 12.91	111141	14 55		03.87- 12.91	110525	12 3.0
	[OM366.912]	03.87- 12.91	111141	14 55		03.87- 12.91	110525	12 3.0
1100 5.7	[OM353.949]	03.79- 03.87	111141	14 55		01.81- 03.87	110525	12 3.0
1100 6.0	[OM366.908]	03.87- 12.91	111141	14 55		03.87- 12.91	110525	12 3.0
	[OM366.912]	03.87- 12.91	111141	14 55		03.87- 12.91	110525	12 3.0
1300 5.7	[OM353.957]	10.76- 03.87	111141	14 55				
1300 6.0	[OM366.958]	03.87- 12.91	111141	14 55		03.87- 12.91	110525	12 3.0
	[OM366.977]	03.87- 12.91	111141	14 55		03.87- 12.91	110525	12 3.0
1400 6.0	[OM366.958]	03.87- 12.91	111141	14 55		03.87- 12.91	110525	12 3.0
	[OM366.977]	03.87- 12.91	111141	14 55		03.87- 12.91	110525	12 3.0
1500 5.7	[OM353.976]	07.80- 03.87	111141	14 55		07.80- 03.87	110525	12 3.0
1600 6.0	[OM366.954]	06.90- 12.91	111141	14 55		06.90- 12.91	110525	12 3.0
65/70 3.8	[OM314.956]	07.73- 12.75	112098	14 65		03.74- 12.75	110525	12 3.0
<b>MOTORS</b>								
Engine 11.0	[421]					02.86-	110539	12 3.6
Engine 3.8	[314]					04.71- 12.88	110512	24 5.4
Engine 9.6	[401...]					05.94-	110539	12 3.6
<b>Mer cruiser</b>								
<b>MARINE</b>								
Various Models 2.5		01.73- 01.76	111250	14 42 DR				
Various Models 3.0		01.69- 01.79	111250	14 42 DR		01.98-	112239	12 1.4
		01.90- 01.95	110959	14 55	Mando type			
Various Models 4.3						01.96- 01.01	112239	12 1.4
							110216	12 1.4
Various Models 5.0		01.70- 01.77	111250	14 42 DR		01.98- 01.01	112239	12 1.4
						01.87- 01.95	111786	12 1.7
						01.96-	111699	12 1.6
						01.85- 01.90	111277	12
						01.73- 01.95	112232	12 2.4
Various Models 5.7		01.69- 01.77	111250	14 42 DR		01.89- 01.98	111786	12 1.7
							110216	12 1.4
						01.87- 01.95	112233	12
						01.75- 01.87	112232	12 2.4
						01.98- 01.01	112239	12 1.4
Various Models 5.8		01.73- 01.77	111250	14 42 DR		01.73- 01.77	112232	12 2.4
Various Models							114402	12 2.3
							112897	12 1.7
<b>Mercury</b>								
<b>PASSENGER CARS US</b>								
Bobcat 2.3		01.75- 01.80	110237	14 60		01.75- 01.79	110230	12
		01.75- 01.80	110238	14 70				
Bobcat 2.8		01.75- 01.79	110237	14 60		01.75- 01.79	110230	12
		01.75- 01.79	110238	14 70				
Breezeway 7.0						01.65- 01.65	110226	12
Brougham 6.7						01.67- 01.67	110226	12
Brougham 7.0						01.67- 01.67	110226	12
Calliente 7.0						01.65- 01.65	110226	12
Capri 1.6						01.91- 01.94	110149	12 0.9
						01.71- 01.72	110336	12 0.75
Capri 1.6 Turbo XR2						01.91- 01.94	110149	12 0.9
Capri 2.0		01.71- 01.74	111086	14 65		01.71- 01.74	110336	12 0.75
		01.71- 01.74	110179	14 36				
Capri 2.3		01.79- 01.86	110237	14 60		01.81- 01.86	112963	12 1.4
		01.79- 01.80	110238	14 70				
Capri 2.3 Ghia		01.79- 01.80	110238	14 70				
		01.79- 01.80	110237	14 60				
Capri 2.3 Turbo		01.79- 01.84	110237	14 60		01.83- 01.84	112963	12 1.4
		01.79- 01.79	110238	14 70				
Capri 2.3 Turbo Ghia		01.79- 01.79	110237	14 60				
		01.79- 01.79	110238	14 70				
Capri 2.6						01.72- 01.73	110868#	12 1.1
Capri 2.8		01.79- 01.79	110237	14 60		01.74- 01.77	110868#	12 1.1
		01.79- 01.79	110238	14 70				
		01.76- 01.77	110759	14 35				
Capri 2.8 Ghia		01.79- 01.79	110238	14 70				
		01.79- 01.79	110237	14 60				
Capri 3.3		01.79- 01.82	110238	14 70				
		01.79- 01.82	110237	14 60				
Capri 3.3 Ghia		01.79- 01.80	110237	14 60				
		01.79- 01.80	110238	14 70				
Capri 4.2		01.80- 01.82	110237	14 60		01.80- 01.82	110225	12
		01.80- 01.82	110238	14 70				
Capri 4.2 Ghia		01.80- 01.80	110238	14 70		01.80- 01.80	110225	12
		01.80- 01.80	110237	14 60				
Capri 5.0		01.79- 01.85	110237	14 60		01.79- 01.82	110225	12
		01.79- 01.85	110238	14 70				
		01.86- 01.86	112835	14 65				
Capri 5.0 Ghia		01.79- 01.79	110238	14 70		01.79- 01.79	110225	12
		01.79- 01.79	110237	14 60				
Colony Park 5.0		01.84- 01.91	112914	14 100		01.79- 01.82	110225	12
		01.86- 01.91	112835	14 65				
		01.79- 01.82	110237	14 60				
		01.79- 01.82	110238	14 70				
Colony Park 5.8		01.79- 01.81	110237	14 60		01.71- 01.73	110225	12
		01.79- 01.81	110238	14 70				
		01.79- 01.81	112914	14 100				
Colony Park 6.4						01.65- 01.70	110226	12
Colony Park 6.6						01.71- 01.76	110228	12



Colony Park 7.0						01.65- 01.68	110226	12	
						01.69- 01.73	110229	12	
Colony Park 7.5		01.72- 01.76	110238	14	70	01.72- 01.76	110229	12	
		01.72- 01.76	110237	14	60				
Comet 2.4						01.60- 01.63	110226	12	
Comet 2.8						01.61- 01.64	110226	12	
Comet 3.3		01.76- 01.77	110237	14	60	01.64- 01.77	110226	12	
Comet 4.1		01.77- 01.77	110237	14	60	01.69- 01.77	110225	12	
Comet 4.3						01.63- 01.64	110225	12	
						01.63- 01.64	110224	12	1.3
Comet 4.7						01.64- 01.67	110225	12	
						01.64- 01.67	110224	12	1.3
Comet 5.0		01.77- 01.77	110237	14	60	01.68- 01.77	110225	12	
						01.68- 01.76	110224	12	1.3
Comet 5.8						01.69- 01.69	110224	12	1.3
						01.69- 01.69	110225	12	
Comet 6.4						01.66- 01.69	110226	12	
Comet 7.0						01.65- 01.67	110226	12	
Cougar 2.0						01.99- 01.02	112235	12	1.4
						01.99- 01.02	112340	12	1.4
Cougar 2.3		01.81- 01.81	110237	14	60	01.81- 01.81	112963	12	1.4
Cougar 2.3 Turbo		01.84- 01.86	110237	14	60	01.84- 01.86	112963	12	1.4
Cougar 2.5		01.99- 01.02	112939	14	130	01.99- 01.02	111374	12	1.5
Cougar 2.5 S		01.01- 01.01	112939	14	130	01.01- 01.01	111374	12	1.5
Cougar 3.3		01.81- 01.82	110237	14	60				
		01.81- 01.82	110238	14	70				
Cougar 3.3 XR-7		01.80- 01.82	110238	14	70				
		01.80- 01.82	110237	14	60				
Cougar 3.8 30TH Anniversary		01.94- 12.97	112933	14	130	01.89- 01.96	111183	12	1.4
Cougar 3.8 LS		01.89- 01.92	112835	14	65	01.89- 01.96	111183	12	1.4
		01.87- 01.92	111252	14	75				
Cougar 3.8 XR-7		01.97- 01.97	112933	14	130	01.89- 01.97	111183	12	1.4
		01.93- 01.96	111252	14	75				
Cougar 3.8 Super XR-7						01.89- 01.96	111183	12	1.4
Cougar 4.2		01.81- 01.81	110237	14	60				
		01.81- 01.81	112914	14	100				
		01.81- 01.81	110238	14	70				
Cougar 4.2 XR-7		01.80- 01.81	110238	14	70	01.80- 01.81	110225	12	
		01.80- 01.81	110237	14	60				
		01.80- 12.81	112914	14	100				
Cougar 4.6 30TH Anniversary						01.97- 01.97	112646	12	1.4
Cougar 4.6 XR-7		01.94- 01.96	112927	14	130	01.97- 01.97	112646	12	1.4
						01.94- 01.96	112592	12	1.4
Cougar 4.7						01.67- 01.68	110225	12	
						01.67- 01.68	110224	12	1.3
Cougar 4.7 XR-7						01.67- 01.67	110225	12	
						01.67- 01.67	110224	12	1.3
Cougar 5.0		01.77- 01.86	110237	14	60	01.68- 01.79	110225	12	
		01.77- 01.79	110238	14	70	01.68- 01.70	110224	12	1.3
Cougar 5.0 BOSS 302						01.69- 01.69	110225	12	
						01.69- 01.69	110224	12	1.3
Cougar 5.0 Brougham		01.77- 01.77	110237	14	60	01.77- 01.77	110225	12	
		01.77- 01.77	110238	14	70				
Cougar 5.0 LS		01.87- 01.88	112835	14	65				
Cougar 5.0 XR-7		01.87- 01.88	112835	14	65	01.68- 01.81	110225	12	
		01.77- 01.81	110238	14	70	01.68- 01.70	110224	12	1.3
		01.77- 01.81	110237	14	60				
Cougar 5.8		01.75- 01.79	110238	14	70	01.69- 01.79	110225	12	
		01.75- 01.79	110237	14	60	01.69- 01.73	110224	12	1.3
						01.75- 01.77	110228	12	
Cougar 5.8 Brougham		01.77- 01.77	110238	14	70	01.77- 01.77	110225	12	
		01.77- 01.77	110237	14	60	01.77- 01.77	110228	12	
Cougar 5.8 Brougham Villager		01.77- 01.77	110238	14	70	01.77- 01.77	110225	12	
		01.77- 01.77	110237	14	60	01.77- 01.77	110228	12	
Cougar 5.8 XR-7		01.76- 01.79	110237	14	60	01.69- 01.79	110225	12	
		01.76- 01.79	110238	14	70	01.69- 01.74	110224	12	1.3
						01.76- 01.77	110228	12	
Cougar 6.4						01.68- 01.69	110226	12	
Cougar 6.4 XR-7						01.68- 01.69	110226	12	
Cougar 6.6		01.75- 01.78	110238	14	70	01.75- 01.78	110228	12	
		01.75- 01.78	110237	14	60				
Cougar 6.6 Brougham		01.77- 01.77	110237	14	60	01.77- 01.77	110228	12	
		01.77- 01.77	110238	14	70				
Cougar 6.6 Brougham Villager		01.77- 01.77	110237	14	60	01.77- 01.77	110228	12	
		01.77- 01.77	110238	14	70				
Cougar 6.6 XR-7		01.73- 01.78	110237	14	60	01.73- 01.78	110228	12	
		01.73- 01.78	110238	14	70				
Cougar 7.0						01.68- 01.70	110226	12	
						01.71- 01.71	110229	12	
Cougar 7.0 Cobra Jet						01.71- 01.71	110229	12	
						01.69- 01.70	110226	12	
Cougar 7.0 XR-7						01.68- 01.70	110226	12	
						01.71- 01.71	110229	12	
Cougar 7.5		01.75- 01.75	110237	14	60	01.75- 01.75	110229	12	
		01.75- 01.75	110238	14	70				
Cougar 7.5 XR-7		01.73- 01.76	110238	14	70	01.73- 01.76	110229	12	
		01.73- 01.76	110237	14	60				
Cyclone 4.7						01.64- 01.67	110224	12	1.3
						01.64- 01.67	110225	12	

## STARTERS & ALTERNATORS

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Application list

**MERCURY** *Continued*

Cyclone 5.0					01.68- 01.69	110225	12
					01.68- 01.69	110224	12 1.3
Cyclone 5.0 CJ					01.69- 01.69	110225	12
					01.69- 01.69	110224	12 1.3
Cyclone 5.0 GT					01.70- 01.70	110224	12 1.3
					01.70- 01.70	110225	12
Cyclone 5.8					01.69- 01.71	110225	12
					01.69- 01.71	110224	12 1.3
Cyclone 5.8 GT					01.70- 01.71	110224	12 1.3
					01.70- 01.71	110225	12
Cyclone 5.8 Spoiler					01.71- 01.71	110225	12
					01.71- 01.71	110224	12 1.3
Cyclone 6.4					01.66- 01.69	110226	12
Cyclone 7.0					01.70- 01.71	110229	12
					01.68- 01.69	110226	12
Cyclone 7.0 CJ					01.69- 01.69	110226	12
Cyclone 7.0 GT					01.70- 01.71	110229	12
Cyclone 7.0 Spoiler					01.70- 01.71	110229	12
Grand Marquis 4.2		01.81- 01.82	110238	14 70	03.92- 01.99	112646	12 1.4
		01.81- 01.82	110237	14 60			
		01.81- 01.82	112914	14 100			
Grand Marquis 4.6		01.98- 01.02	112947	14 135	01.96- 01.02	112646	12 1.4
		01.99- 01.02	112942	14 130	01.92- 01.95	112592	12 1.4
		01.92- 01.95	112921	14 95			
		01.93- 01.95	112932	14 130			
		01.93- 01.95	112927	14 130			
		01.86- 01.91	112835	14 65			
		01.83- 12.88	112914	14 100			
Grand Marquis 5.0		01.83- 01.91	112914	14 100	01.79- 01.82	110225	12
		01.91- 01.91	112835	14 65			
		01.79- 01.91	110237	14 60			
		01.79- 01.82	110238	14 70			
Grand Marquis 5.0 Colony Park		01.83- 01.83	110237	14 60			
		01.83- 01.83	112914	14 100			
Grand Marquis 5.8		01.83- 01.89	112914	14 100	01.79- 01.81	110225	12
		01.78- 01.81	110237	14 60			
		01.78- 01.81	110238	14 70			
Grand Marquis 5.8 Colony Park		01.86- 01.86	112914	14 100			
Grand Marquis 6.6		01.75- 01.78	110237	14 60	01.75- 01.78	110228	12
		01.75- 01.78	110238	14 70			
Grand Marquis 7.5		01.75- 01.78	110238	14 70	01.75- 01.78	110229	12
		01.75- 01.78	110237	14 60			
LN7 1.6		01.82- 01.83	110237	14 60			
Lynx 1.6		01.81- 01.85	110237	14 60			
Marauder 6.4					01.63- 01.70	110226	12
Marauder 7.0					01.65- 01.65	110226	12
					01.69- 01.70	110229	12
					01.69- 01.70	110229	12
Marauder 7.0 X-100					01.69- 01.70	110229	12
Marquis 2.3		01.83- 01.86	110237	14 60	01.83- 01.86	112963	12 1.4
Marquis 2.3 Brougham		01.83- 01.86	110237	14 60	01.83- 01.86	112963	12 1.4
Marquis 2.3		01.83- 01.84	110237	14 60	01.83- 01.84	112963	12 1.4
Marquis 2.3 Brougham		01.83- 01.84	110237	14 60	01.83- 01.84	112963	12 1.4
Marquis 3.3		01.83- 01.83	110238	14 70			
		01.83- 01.83	110237	14 60			
Marquis 3.3 Brougham		01.83- 01.83	110237	14 60			
		01.83- 01.83	110238	14 70			
Marquis 4.2		01.81- 01.82	112914	14 100			
		01.81- 01.82	110238	14 70			
		01.81- 01.82	110237	14 60			
Marquis 4.2 Brougham		01.81- 01.82	110238	14 70			
		01.81- 01.82	110237	14 60			
		01.81- 01.82	112914	14 100			
Marquis 5.0		01.79- 01.82	110238	14 70	01.79- 01.82	110225	12
		01.79- 01.85	110237	14 60	01.90- 01.91	111183	12 1.4
		01.79- 01.85	112914	14 100			
Marquis 5.0 Brougham		01.79- 01.82	110238	14 70	01.79- 01.82	110225	12
		01.79- 01.82	112914	14 100	01.90- 01.91	111183	12 1.4
		01.79- 01.82	110237	14 60			
Marquis 5.8		01.78- 01.81	110237	14 60	01.71- 01.81	110225	12
		01.80- 01.81	112914	14 100			
		01.78- 01.81	110238	14 70			
Marquis 5.8 Brougham		01.78- 01.82	110238	14 70	01.71- 01.82	110225	12
		01.78- 01.82	110237	14 60			
		01.80- 01.82	112914	14 100			
Marquis 6.4					01.68- 01.70	110226	12
Marquis 6.4 Brougham					01.70- 01.70	110226	12
Marquis 6.6		01.77- 01.78	110238	14 70	01.71- 01.76	110228	12
		01.77- 01.78	110237	14 60			
Marquis 6.6 Brougham		01.77- 01.78	110238	14 70	01.72- 01.76	110228	12
		01.77- 01.78	110237	14 60			
Marquis 6.7					01.67- 01.67	110226	12
Marquis 7.0					01.67- 01.69	110226	12
					01.69- 01.73	110229	12
Marquis 7.0 Brougham					01.70- 01.73	110229	12
Marquis 7.5		01.72- 01.78	110237	14 60	01.72- 01.78	110229	12
		01.72- 01.78	110238	14 70			
Marquis 7.5 Brougham		01.72- 01.78	110238	14 70	01.72- 01.78	110229	12
		01.72- 01.78	110237	14 60			





Monarch 3.3	01.75- 01.77	110238	14	70	01.75- 01.77	110226	12
	01.75- 01.77	110237	14	60			
Monarch 4.1	01.75- 01.80	110237	14	60	01.75- 01.80	110225	12
	01.75- 01.80	110238	14	70			
Monarch 4.1 Ghia	01.75- 01.77	110238	14	70	01.75- 01.77	110225	12
	01.75- 01.77	110237	14	60			
Monarch 4.2	01.80- 01.80	110238	14	70			
	01.80- 01.80	110237	14	60			
Monarch 5.0	01.75- 01.80	110237	14	60	01.75- 01.80	110225	12
	01.75- 01.80	110238	14	70	01.75- 01.80	110224	12 1.3
Monarch 5.0 Ghia	01.75- 01.77	110237	14	60	01.75- 01.77	110224	12 1.3
	01.75- 01.77	110238	14	70	01.75- 01.77	110225	12
Monarch 5.8	01.75- 01.77	110237	14	60	01.75- 01.77	110225	12
	01.75- 01.77	110238	14	70			
Monarch 5.8 Ghia	01.75- 01.77	110238	14	70	01.75- 01.77	110225	12
	01.75- 01.77	110237	14	60			
Montclair 6.4					01.65- 01.68	110226	12
Montclair 6.7					01.66- 01.67	110226	12
Montclair 7.0					01.65- 01.68	110226	12
Montego 3.3					01.68- 01.68	110226	12
Montego 3.3 MX					01.68- 01.68	110226	12
Montego 4.1					01.69- 01.74	110225	12
Montego 4.1 MX					01.69- 01.73	110225	12
Montego 4.1 MX Brougham					01.70- 01.72	110225	12
Montego 4.1 Villager					01.70- 01.72	110225	12
Montego 5.0					01.68- 01.74	110225	12
					01.68- 01.74	110224	12 1.3
Montego 5.0 GT					01.72- 01.73	110225	12
					01.72- 01.73	110224	12 1.3
Montego 5.0 MX					01.68- 01.74	110225	12
					01.68- 01.74	110224	12 1.3
Montego 5.0 MX Brougham					01.70- 01.74	110225	12
					01.70- 01.74	110224	12 1.3
Montego 5.0 Villager					01.70- 01.74	110225	12
					01.70- 01.74	110224	12 1.3
Montego 5.8	01.75- 01.76	110237	14	60	01.69- 01.76	110225	12
	01.75- 01.76	110238	14	70	01.69- 01.76	110224	12 1.3
					01.75- 01.76	110228	12
Montego 5.8 GT					01.72- 01.73	110225	12
					01.72- 01.73	110224	12 1.3
Montego 5.8 MX	01.75- 01.76	110237	14	60	01.69- 01.76	110225	12
	01.75- 01.76	110238	14	70	01.69- 01.76	110224	12 1.3
					01.75- 01.76	110228	12
Montego 5.8 MX Brougham	01.75- 01.76	110237	14	60	01.70- 01.76	110225	12
	01.75- 01.76	110238	14	70	01.70- 01.76	110224	12 1.3
					01.75- 01.76	110228	12
Montego 5.8 Villager	01.75- 01.76	110237	14	60	01.70- 01.76	110225	12
	01.75- 01.76	110238	14	70	01.70- 01.76	110224	12 1.3
					01.75- 01.76	110228	12
Montego 6.4					01.68- 01.69	110226	12
Montego 6.4 MX					01.68- 01.69	110226	12
Montego 6.6					01.72- 01.76	110229	12
					01.72- 01.76	110228	12
Montego 6.6 GT					01.72- 01.73	110229	12
					01.72- 01.73	110228	12
Montego 6.6 MX					01.72- 01.76	110229	12
					01.72- 01.76	110228	12
Montego 6.6 MX Brougham					01.72- 01.76	110229	12
					01.72- 01.76	110228	12
Montego 6.6 Villager					01.72- 01.76	110229	12
					01.72- 01.76	110228	12
Montego 7.0					01.70- 01.73	110229	12
					01.68- 01.68	110226	12
Montego 7.0 GT	01.72- 01.73	110238	14	70	01.72- 01.73	110229	12
	01.72- 01.73	110237	14	60			
Montego 7.0 MX					01.70- 01.73	110229	12
					01.69- 01.69	110226	12
Montego 7.0 MX Brougham					01.70- 01.73	110229	12
Montego 7.0 Villager	01.72- 01.73	110238	14	70	01.72- 01.73	110229	12
	01.72- 01.73	110237	14	60			
Montego 7.5	01.76- 01.76	110238	14	70	01.76- 01.76	110229	12
	01.76- 01.76	110237	14	60			
Montego 7.5 MX	01.73- 01.76	110238	14	70	01.73- 01.76	110229	12
	01.73- 01.76	110237	14	60			
Montego 7.5 MX Brougham	01.74- 01.76	110237	14	60	01.74- 01.76	110229	12
	01.74- 01.76	110238	14	70			
Montego 7.5 Villager	01.74- 01.76	110237	14	60	01.74- 01.76	110229	12
	01.74- 01.76	110238	14	70			
Monterey 4.2					01.04- 01.07	112586	12 1.4
Monterey 4.2 Luxury					01.06- 01.07	112586	12 1.4
Monterey 4.2 Premier					01.04- 01.07	112586	12 1.4
Monterey 5.8					01.71- 01.73	110225	12
Monterey 5.8 Custom					01.71- 01.73	110225	12
Monterey 6.4					01.65- 01.70	110226	12
Monterey 6.4 Custom					01.69- 01.70	110226	12
Monterey 6.6					01.71- 01.74	110228	12
Monterey 6.6 Custom					01.71- 01.74	110228	12
Monterey 6.7					01.66- 01.67	110226	12

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**MERCURY** Continued

Monterey 7.0					01.69- 01.73	110229	12
					01.65- 01.70	110226	12
Monterey 7.0 Custom					01.69- 01.70	110226	12
					01.69- 01.73	110229	12
Monterey 7.5	01.72- 01.74	110238	14	70	01.72- 01.74	110229	12
	01.72- 01.74	110237	14	60			
Monterey 7.5 Custom	01.72- 01.74	110238	14	70	01.72- 01.74	110229	12
	01.72- 01.74	110237	14	60			
Mountaineer 4.0	01.98- 01.03	112946	14	130			
Mountaineer 4.0	01.02- 01.03	112946	14	130			
Mountaineer 4.6	01.02- 01.03	112942	14	130			
Mountaineer 5.0	01.97- 01.01	112946	14	130			
Mystique 2.0					01.99- 01.00	112340	12 1.4
					01.99- 01.00	112235	12 1.4
Mystique 2.0 GS					01.95- 01.98	112235	12 1.4
					01.95- 01.98	112340	12 1.4
Mystique 2.0 LS					01.95- 01.98	112340	12 1.4
					01.95- 01.98	112235	12 1.4
Mystique 2.5	01.99- 01.00	112939	14	130	01.99- 01.00	111374	12 1.5
Mystique 2.5 GS	01.95- 12.98	112939	14	130	01.95- 01.98	111374	12 1.5
Mystique 2.5 LS	01.96- 01.98	112939	14	130	01.96- 01.98	111374	12 1.5
Mystique 2.5 Young America	01.95- 01.95	112939	14	130	01.95- 01.95	111374	12 1.5
Park Lane 6.4					01.65- 01.68	110226	12
Park Lane 6.7					01.66- 01.67	110226	12
Park Lane 7.0					01.65- 01.68	110226	12
Sable 3.0					01.93- 01.98	112584	12 1.4
	01.96- 01.02	112944	14	130	01.92- 01.99	112586	12 1.4
	01.96- 01.00	112936	14	130			
	01.93- 12.93	112931	14	130			
	01.87- 01.87	112914	14	100			
	01.87- 01.87	110238	14	70			
Sable 3.8					01.91- 01.95	112584	12 1.4
					01.90- 01.95	112586	12 1.4
Topaz 2.3					01.91- 01.94	111370	12 1.2
Topaz 3.0					01.92- 01.94	112584	12 1.4
					01.92- 01.94	112586	12 1.4
Tracer 1.6	01.88- 01.89	112297	14	60	01.87- 01.89	110149	12 0.9
Tracer 1.8 LTS	01.91- 01.96	110663	14	60			
Tracer 1.9	01.91- 01.93	113236#	14	75			
Tracer 1.9 Trio	01.94- 01.96	113236#	14	75			
Tracer 2.0	01.99- 01.99	111199	14	95			
Villager 3.0					01.93- 01.98	113136#	12 2.0
Villager 3.3					01.99- 01.02	113136#	12 2.0
Villager 7.0					01.65- 01.65	110226	12
Zephyr 2.3	01.78- 01.82	110237	14	60			
	01.78- 01.82	110238	14	70			
Zephyr 2.3 GS	01.83- 01.83	110237	14	60	01.83- 01.83	112963	12 1.4
Zephyr 2.3 Z7	01.78- 01.83	110238	14	70			
	01.78- 01.83	110237	14	60			
Zephyr 3.3	01.78- 01.82	110238	14	70			
	01.78- 01.82	110237	14	60			
	08.79- 12.82	112914	14	100			
Zephyr 3.3 GS	01.83- 01.83	112914	14	100			
	01.83- 01.83	110237	14	60			
	01.83- 01.83	110238	14	70			
Zephyr 3.3 Z7	01.80- 01.83	112914	14	100			
	01.78- 01.83	110237	14	60			
	01.78- 01.83	110238	14	70			
Zephyr 4.2	01.80- 01.82	112914	14	100	01.80- 01.82	110225	12
	01.80- 01.82	110238	14	70			
	01.80- 01.82	110237	14	60			
Zephyr 4.2 Z7	01.80- 01.81	110238	14	70	01.80- 01.81	110225	12
	01.80- 01.81	110237	14	60			
	01.80- 01.81	112914	14	100			
Zephyr 5.0	01.78- 01.79	110237	14	60	01.78- 01.79	110225	12
	01.78- 01.79	112914	14	100			
	01.78- 01.79	110238	14	70			
Zephyr 5.0 Z7	01.78- 01.79	110238	14	70	01.78- 01.79	110225	12
	01.78- 01.79	110237	14	60			
	01.78- 01.79	112914	14	100			
<b>MARINE</b>							
4E+37					01.78-	114261	12 1.0
40EL36					01.78-	114261	12 1.0
55E					01.78-	114261	12 1.0
60EL					01.78-	114261	12 1.0
Various Models		110959	14	55		111786	12 1.7
		112477	28	25	01.69- 01.88	110649	12 0.8
		114172	14	65		114402	12 2.3
		113685	14	70	01.80- 01.01	112247	12
		111710	14	65	01.98- 01.01	112829	12
		111576	14	90	01.78- 01.95	110650	12 0.8
					01.65- 01.83	110332	12 1.0
					01.95- 01.00	113591	12
					01.65- 01.83	110241	12 0.8
					01.93- 01.00	112146	12 0.6
						114675	12 0.6
					01.99- 01.01	112830	12
					01.98- 01.01	113592	12
					01.88- 01.01	110648	12 0.7



						01.76- 01.97	110654	12	0.7
						01.94- 01.01	112826	12	
<b>Merkur</b>									
<b>PASSENGER CARS US</b>									
Scorpio 2.9		01.88- 01.89	111157#	14	90	01.88- 01.89	110842	12	1.4
XR 4 TI 2.3 Turbo						01.85- 01.89	112963	12	1.4
<b>MG</b>									
<b>PASSENGER CARS EU</b>									
1300 MK 1.3						09.67- 09.70	111102	12	0.8
Express 1.4	[14K4F]	03.03- 05.05	111756	14	65	03.03- 05.05	113346	12	0.8
		03.03- 05.05	112414	14	85				
Express 1.8	[18K4F]	03.03- 05.05	111756	14	65	03.03- 05.05	113281	12	1.1
		03.03- 05.05	112414	14	85				
Express 2.0 Diesel	[20T2N]	03.03- 05.05	114386	14	90				
Maestro 1.6 1600	[16H]	03.83- 09.84	111086	14	65				
Maestro 2.0		10.84- 09.90	110770	14	55				
Maestro 2.0 Turbo		10.88- 09.90	110770	14	55				
Magnette 1.6						01.64- 09.68	111103	12	0.8
Metro 1.3 1300		01.85- 09.90	111289	14	70	05.82- 01.87	111102	12	0.8
		05.82- 09.90	111185	14	43	A47			
Metro 1.3 Turbo		10.82- 09.90	111289	14	70	10.82- 09.90	111102	12	0.8
MG ZR 2.0 TD	[20T2N]	12.02- 12.05	114386	14	90				
MGB 1.8		01.69- 12.80	110178	14	36				
MGB 1.8 GT		01.69- 11.80	110178	14	36				
MGF 1.6	[16K4F]	02.00- 03.02	112414	14	85	02.00- 03.02	113281	12	1.1
MGF 1.8 i 16V	[18K4F]	03.95-	112202	14	85	10.95- 03.02	113281	12	1.1
		10.95- 03.02	112414	14	85				
MGF 1.8 i VVC	[18K4K]	03.95-	112202	14	85	Chas. YD 522573- 10.95- 03.02	113281	12	1.1
MGF 1.8 i WC	[18K4K]	AT 03.01- 03.02	112414	14	85	Chas. YD522573- 03.01- 03.02	113281	12	1.1
	[N47D20D]					Chas. YD522573- 03.02-	113281	12	1.1
Midget 1.1						01.64- 12.66	111103	12	0.8
Midget 1.3						01.67- 09.74	111103	12	0.8
Midget 1.5		01.73- 12.79	110178	14	36	09.74- 12.79	111103	12	0.8
Montego 2.0		04.84- 09.90	111362	14	55				
		AC 04.84- 09.90	111355	14	65				
		04.84- 09.90	110968	14	70				
Montego 2.0 Turbo	[20HT]	10.84- 09.90	110968	14	70				
		10.84- 09.90	111362	14	55				
		AC 10.84- 09.90	111355	14	65				
RV8 3.9		09.92-	110891	14	70	A47			
TF 1.6 115	[16K4F]	03.02-	112414	14	85				
TF 1.8	[18K4K]	AT 03.02-	112414	14	85	Chas. YD522573- 03.02-	113281	12	1.1
TF 1.8 120	[18K4F]	03.02-	112414	14	85	Chas. YD 522573- 03.02-	113281	12	1.1
TF 1.8 135	[18K4F]	03.02-	112414	14	85	Chas. YD 522573- 03.02-	113281	12	1.1
ZR 2.0 TD	[20T2N]	06.01- 05.05	114386	14	90	06.01-	113361	12	1.7
ZR 105 1.4	[14K4F]	06.01-	112414	14	85	06.01-	113346	12	0.8
ZR 120 1.8	[18K4F]	06.01-	112414	14	85	Chas. YD 471565 - 10.01-	113281	12	1.1
ZR 160 1.8	[18K4K]	06.01- 03.02	112414	14	85	Chas. YD522573- 06.01- 03.02	113281	12	1.1
ZS 2.0 TD	[20T2N]	01.04- 05.05	114386	14	90	01.04-	113361	12	1.7
ZS 120 1.8	[18K4F]	07.01-	112414	14	85	02.00-	113281	12	1.1
ZS 180 2.5	[25 K4F]					07.01- 05.05	113281	12	1.1
ZT 2.0 CDTi	[204D2]	10.01- 05.05	112472	14	100	06.02- 09.03	113965	12	2.0
	[M47R (204D2)]	11.02-	112462	14	120	11.02-	113965	12	2.0
		11.02-	112472	14	100				
ZT- T 2.0 CDTi	[M47R (204D2)]	11.02-	112462	14	120	11.02-	113965	12	2.0
		11.02-	112472	14	100				228000-7800
ZT-T 2.0 CDTi	[204D2]	10.01- 05.05	112472	14	100	06.02- 09.03	113965	12	2.0
<b>PASSENGER CARS US</b>									
1100 1.1						01.64-	111102	12	0.8
1300 1.3						01.68-	111102	12	0.8
MGA 1.5						01.56- 01.59	111102	12	0.8
MGA 1.6						01.60- 01.62	111102	12	0.8
MGB 1.8		01.68- 01.79	110178	14	36				
		01.74- 01.80	111185	14	43	A47			
MGB 1.8 GT		01.68- 01.74	110178	14	36				
		01.74- 01.74	111185	14	43	A47			
MGC 2.9		01.69- 01.69	110178	14	36				
Midget 1.1						01.63- 01.66	111102	12	0.8
Midget 1.3		01.74- 01.74	110178	14	36	01.67- 01.74	111102	12	0.8
Midget 1.5		01.75- 01.79	110178	14	36	01.75- 01.79	111102	12	0.8
TF 1.5						01.55- 01.55	111102	12	0.8
<b>Minelli</b>									
<b>PASSENGER CARS AO</b>									
TF 1.8	[OM353.904]	01.98-	115511		A49				
<b>Mini</b>									
<b>PASSENGER CARS EU</b>									
Cooper 1.6	[N12B16]					A25 03.09-	114692	12	1.7
						03.09-	113960	12	0.9
	[N12B16..]					A25 10.06-	114692	12	1.7
						10.06-	113960	12	0.9
	[N12B16A]					03.10-	113960	12	0.9
	[N14B16C]					09.11-	113960	12	0.9
	[N16B16A]					A25 03.10-	114692	12	1.7
						03.09-	113960	12	0.9
	[W10B16A]	06.01-	114080	14	120	AT 06.01- 11.06	114295	12	0.9
		06.01-	114147	14	105	06.01-	113286	12	0.9
		06.01-	114200	14	100				
Cooper 1.6 Clubman	[N12B16A]					A25 10.07-	114692	12	1.7
						10.07-	113960	12	0.9

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



**MINI** *Continued*

	[N14B16A]					10.07-	113960	12	0.9
						A25 10.07-	114692	12	1.7
	[N16B16A]					A25 03.10-	114692	12	1.7
						03.10-	113960	12	0.9
Cooper 1.6 Countryman	[N16B16A]					A25 06.10-	114692	12	1.7
						06.10-	113960	12	0.9
	[N18B16A]					A25 06.10-	114692	12	1.7
Cooper 1.6 Countryman 4x4	[N18B16A]					A25 06.10-	114692	12	1.7
Cooper 1.6 Paceman	[N16B16A]					04.12-	113960	12	0.9
Cooper 1.6 Roadster	[N16B16A]					02.12-	113960	12	0.9
Cooper 1.6 Roadster John Cooper Work	[N14B16C]					02.12-	113960	12	0.9
Cooper 1.6 Diesel	[9HZ (DV6TED4)]					A25 03.07-	114849	12	1.7
						03.07-	113933	12	1.5
Cooper 1.6 Diesel Clubman	[9HZ]					A25 10.07-	114849	12	1.7
						10.07-	113933	12	1.5
Cooper S 1.6	[N14B16A]					A25 10.06-	114692	12	1.7
						10.06-	113960	12	0.9
	[N18B16A]					A25 03.10-	114692	12	1.7
						03.10-	113960	12	0.9
	[W11B16A]	03.02-	114258	14	105	AT 03.02- 11.06	114295	12	0.9
						07.04-	113286	12	0.9
Cooper S 1.6 4x4 Paceman	[N18B16A]					04.12-	113960	12	0.9
Cooper S 1.6 Clubman	[N18B16A]					A25 03.10-	114692	12	1.7
						03.10-	113960	12	0.9
Cooper S 1.6 Countryman	[N18B16A]					06.10-	113960	12	0.9
Cooper S 1.6 Paceman	[N18B16A]					04.12-	113960	12	0.9
Cooper S 1.6 Roadster	[N18B16A]					02.12-	113960	12	0.9
John Cooper Works 1.6	[N14B16C]					03.08-	113960	12	0.9
John Cooper Works 1.6 Paceman	[N18B16C]					09.12-	113960	12	0.9
Mini 1.6	[N18B16B]					09.12-	113960	12	0.9
	[W11B16A]	11.03-	114258	14	105	11.03-	113286	12	0.9
						AT 11.03- 11.06	114295	12	0.9
Mini Works 1.6	[W11B16A]	11.03-	114258	14	105	11.03-	113286	12	0.9
						AT 11.03-	114295	12	0.9
One 1.4	[N12B14A]					A25 03.07-	114692	12	1.7
						03.07-	113960	12	0.9
One 1.4 Clubman	[N12B14A]					A25 03.10-	114692	12	1.7
One 1.4 i	[B14A]	04.03- 10.06	114147	14	105	AT 04.03- 10.06	114295	12	0.9
		04.03- 10.06	114200	14	100	04.03- 10.06	113286	12	0.9
One 1.4 Diesel	[1ND]	06.03- 09.05	113970	14	100	06.03-	114071	12	2.0
One 1.6	[N16B16A]					A25 03.10-	114692	12	1.7
						03.10-	113960	12	0.9
	[W10B16A]	06.01-	114147	14	105	06.01-	113286	12	0.9
		06.01-	114200	14	100	AT 06.01- 11.06	114295	12	0.9
		07.04-	114080	14	120				
One 1.6 Clubman	[N16B16A]					A25 03.10-	114692	12	1.7
						03.10-	113960	12	0.9
One 1.6 Countryman	[N16B16A]					A25 06.10-	114692	12	1.7
						06.10-	113960	12	0.9
One 1.6 Diesel	[9HZ (DV6TED4)]					A25 06.09-	114849	12	1.7
						06.09-	113933	12	1.5
<b>Mitsubishi</b>									
<b>PASSENGER CARS EU</b>									
3000 GT 3.0 i 24V	(Z16A)[6G72]	06.92-	111406	14	110	06.92-	111241	12	1.2
Carisma 1.6	(DA1A)[4G92]	12.98- 06.06	113832	14	90	AT 12.98-	113040	12	0.9
						12.98-	111508	12	1.2
	[4G92]	07.95- 06.06	113832	14	90	07.95-	111508	12	1.2
						AT 07.95-	113040	12	0.9
						05.97-	111971	12	1.2
						09.00- 06.06	113040	12	0.9
Carisma 1.8	[4G93]	07.95- 06.06	113832	14	90	05.95-	111508	12	1.2
						AT 05.95-	113040	12	0.9
						05.97-	111971	12	1.2
Carisma 1.8 16V	[4G93]	07.95- 06.06	113832	14	90	AT 05.95-	113040	12	0.9
						09.97-	112327	14	100
						09.97-	112328	14	85
						05.95-	111508	12	1.2
Carisma 1.8 GDi 16V	[4G93]	09.97-	112327	14	100	09.97-	111971	12	1.2
						09.97-	112328	14	85
Carisma 1.8 GDi	(DA_)[4G93]	10.00-	112327	14	100	10.00-	113040	12	0.9
						10.00-	111971	12	1.2
Carisma 1.9 TD	[F8QT]					10.96-	112295	12	1.7
Celeste 1.6	(A72)[4G32]					01.77- 06.81	110158	12	1.2
						01.77- 01.80	110291#	12	1.2
Celeste 2.0	(A78)[4G52]	10.75- 06.81	110318	14	50	10.75- 01.79	110157	12	1.0
Colt 1.1	[3A91]					10.04-	114108	12	0.9
Colt 1.1 BiFuel	(Z3_ Z2_)[3A91]					10.04-	114108	12	0.9
Colt 1.2	(A151A)[4G11]					01.75- 01.78	110157	12	1.0
						12.78- 01.84	110158	12	1.2
	(A15A)[4G16]	06.86- 09.86	110660#	14	65	02.84- 09.86	110158	12	1.2
		AT 01.86- 09.86	110660#	14	65				
	(C15A)[4G16]	09.86- 04.88	110660#	14	65	09.86- 04.88	110158	12	1.2
	(C1_A)[G13B]	06.86- 04.88	110660#	14	65	06.86- 04.88	110158	12	1.2
	(C5_A)[4G13]	04.88- 12.90	110659	14	75	04.88- 12.90	110315	12	0.9
		04.88- 12.90	112531	14	60				
	(C51A)[4G13]	04.88- 05.92	110659	14	75	04.88- 05.92	110315	12	0.9
		04.88- 05.92	112531	14	60				
	[4A90]					06.04-	114108	12	0.9
Colt 1.3 1300	(CJ1A)[4G13]					09.00- 07.05	111971	12	1.2
						09.00- 07.05	113040	12	0.9



Colt 1.3 GLX	[4G13]					05.96-	113040	12	0.9	
Colt 1.3 12V	(C51A)[4G13]	07.90- 05.92	110659	14	75	07.90- 05.92	110315	12	0.9	
		07.90- 05.92	112531	14	60					
	(CA1A)[4G13]	04.92- 11.95	112528	14	75	04.92-	110315	12	0.9	
Colt 1.3 BiFuel	(Z3_ Z2_)[4A90]					06.04-	114108	12	0.9	
Colt 1.4	(A152A)[4G12]					05.79- 10.83	110157	12	1.0	
						07.80- 10.83	110158	12	1.2	
Colt 1.4 Turbo	(A152A)[4G12T]					09.81- 01.84	110479	12	0.9	
Colt 1.5	(C12A)[4G15]	06.86- 04.88	110660#	14	65	09.84- 04.88	110315	12	0.9	
		AT 01.86- 04.88	110660#	14	65					
	[G15B]	06.86- 04.88	110660#	14	65	09.85- 04.88	110315	12	0.9	
		AT 01.86- 04.88	110660#	14	65					
	(C52A)[4G15]	04.88- 05.92	110659	14	75	04.88- 05.92	110315	12	0.9	
		04.88- 05.92	112531	14	60					
	[4A91]					06.04-	114108	12	0.9	
Colt 1.5 CZC	[4A91]					05.06-	114108	12	0.9	
Colt 1.5 CZT	[4G15T]					03.05-	114108	12	0.9	
Colt 1.5 16V 1500	(CJ2A)[4G15]					11.95-	113040	12	0.9	
Colt 1.5 Turbo CZC	[4G15T]					05.06-	114108	12	0.9	
Colt 1.5 Di-D	[OM639.939]	08.04-	114406	14	115	08.04-	114183*	12	1.8	
Colt 1.6 1600	(CJ1A)[4G92]	09.00- 06.03	112328	14	85	09.00- 06.03	113040	12	0.9	
Colt 1.6 1600 GLX	[4G92]					A13 05.96-	111971	12	1.2	
						05.96-	113040	12	0.9	
Colt 1.6 16V	(CA4A)[4G92]	04.92-	111375	14	75	AT 04.92-	111380			
						12.91- 05.92	110158	12	1.2	
Colt 1.6 GTi 16V	(C53A)[4G61]	04.88- 05.90	110802	14	75	04.88- 05.90	110315	12	0.9	
Colt 1.6 Turbo	(C13A)[4G32T/C]					02.84- 04.88	110479	12	0.9	
Colt 1.6 Turbo ECI	(C13A)[G32BT]					07.86- 04.88	110479	12	0.9	
Colt 1.8 16V	(CA5A)[4G93]	04.92-	111375	14	75					
Colt 1.8 GTi 16V	(C58A)[4G67]	06.90- 05.92	110802	14	75	06.90- 05.92	110811	12	1.2	
						12.91- 05.92	110158	12	1.2	
						01.90- 06.92	110315	12	0.9	
Colt 1.8 Diesel	(C54A)[4D65]	04.88- 05.92	111243#	14	65	04.88- 05.92	110809	12	2.0	
						04.88- 05.92	111912	12	2.2	
Colt 2.0 Diesel	(CA8)[4D68]	07.92-	111587	14	75	07.92-	110809	12	2.0	
Cordia 1.6	(A212A)[4G32]					10.82- 07.84	110158	12	1.2	
Cordia 1.6 Turbo	(A212A)[4G32T]					09.82- 05.85	110158	12	1.2	
Cordia 1.8	(A215A)[4G37]					10.86- 12.86	110158	12	1.2	
Cordia 1.8 Turbo	(A213A)[4G62T]					10.84- 12.86	110158	12	1.2	
Delica 2.5 Diesel	[4D56]	01.96-	114367	14	65					
Eclipse 2.0 16V GS	[4G63]	08.95-	111376	14	75	12.95-	110811	12	1.2	
Eclipse 2.0 i 16V	(D22A)[4G63]	04.91- 02.94	110804	14	90	04.91- 11.95	110811	12	1.2	
		04.91- 11.95	111376	14	75	Kat. 01.90- 03.94	111305	12	1.2	
Eclipse 2.0 i 16V 4WD	[4G63]	04.91- 02.94	110804	14	90	04.91- 11.95	110811	12	1.2	
		04.91- 11.95	111376	14	75					
Eclipse 2000 2.0 16V GT	[4G63]	12.95-	110804	14	90	12.95-	110811	12	1.2	
Galant 1.6	(A11A)[4G32]	06.86- 12.87	110666#	14	60	06.84- 12.87	110315	12	0.9	
	(A12_)[4G32]					01.71- 01.77	110157	12	1.0	
						01.77- 08.80	110158	12	1.2	
						01.77- 08.80	110315	12	0.9	
	(A161A)[4G32]					09.80- 05.84	110158	12	1.2	
						09.80- 05.84	110315	12	0.9	
	(A161V)[4G32]					09.80- 05.84	110158	12	1.2	
Galant 1.6 GL	(A121V)[4G32]					09.80- 05.84	110315	12	0.9	
						01.79- 08.80	110158	12	1.2	
Galant 1.8	(E32A)[4G37]	11.87- 10.92	110666#	14	60	11.87- 10.92	110315	12	0.9	
						01.90- 10.92	110811	12	1.2	
Galant 1.8 TD	(E52A)[4G93]	05.92-	111375	14	75	AT 05.92-	110958	12	0.9	
						06.84- 12.87	111461	12	2.2	
Galant 2.0	(E34A)[4D65T]	11.88- 10.92	111339	14	65	12.87- 10.92	110809	12	2.0	
						01.77- 08.80	110158	12	1.2	
Galant 2.0 4WD	(A12_)[4G52]	01.77- 08.80	110318	14	50	01.71- 01.77	110157	12	1.0	
						01.77- 01.80	110291#	12	1.2	
						01.77- 01.80	110291#	12	1.2	
		(A163)[4G63]	09.80- 05.84	110318	14	50	09.80- 05.84	110158	12	1.2
		(A163V)[4G63]	09.80- 06.83	110318	14	50	09.80- 06.83	110158	12	1.2
		(E15A)[4G63]	06.86- 12.87	112531	14	60	06.84- 12.87	110315	12	0.9
							06.84- 12.87	110811	12	1.2
		[G63B]	06.86- 12.87	112531	14	60	06.86- 12.87	110315	12	0.9
							06.86- 12.87	110811	12	1.2
		(E33A)[4G63]	11.87- 10.92	110802	14	75	11.87- 10.92	110315	12	0.9
			04.89- 10.92	110804	14	90	AT 11.87- 10.92	111380		
							11.87- 10.92	110811	12	1.2
		(E55A)[4G63]	11.92-	111376	14	75	AT 11.92-	111380		
							11.92-	110315	12	0.9
							11.92-	110811	12	1.2
(EA2A)[4G63]	09.96-	112328	14	85	09.96-	113325#	12	0.9		
					09.96- 09.00	113638	12	1.4		
					09.96- 09.00	113658				
(EA2W)[4G63]	09.96-	112328	14	85	09.96-	113325#	12	0.9		
					09.96- 09.00	113638	12	1.4		
					09.96- 09.00	113658				
Galant 2.0 4WD	(E38A)[4G63]	12.88- 10.92	110802	14	75	12.88- 10.92	110811	12	1.2	
		12.88- 10.92	110804	14	90	AT 12.88- 10.92	111380			
						12.88- 10.92	110315	12	0.9	
	(E39A)[4G63]	04.89- 10.92	110802	14	75	04.89- 10.92	110315	12	0.9	
	04.89- 10.92	110804	14	90	04.89- 10.92	110811	12	1.2		
					AT 04.89- 10.92	111380				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



MITSUBISHI Continued

Application list

	(E75A)[4G63]	11.92-	111376	14 75		AT 11.92-	111380		
						11.92-	110315	12 0.9	
						11.92-	110811	12 1.2	
						11.92-	111305	12 1.2	
Galant 2.0 GLX	(A123V)[4G52]	01.79- 08.80	110318	14 50		01.79- 08.80	110158	12 1.2	
Galant 2.0 16V	(E33A)[4G63]	11.87- 10.92	110802	14 75		11.87- 10.92	110811	12 1.2	
		11.89- 10.92	110804	14 90		AT 11.87- 10.92	111380		
						Kat. 11.88- 10.92	111305	12 1.2	
						11.87- 10.92	110315	12 0.9	
						11.88- 10.92	111305	12 1.2	
	[4G63]					09.00- 10.04	113638	12 1.4	
						09.00- 10.04	113658		
Galant 2.0 16V 4WD	(E3_A)[4G63]	06.88- 10.92	110802	14 75		06.88- 10.92	110315	12 0.9	
		11.89- 10.92	110804	14 90		06.88- 10.92	110811	12 1.2	
						AT 06.88- 10.92	111380		
Galant 2.0 GTi 16V	(E3_A)[4G63]	11.87- 10.92	110802	14 75		11.87- 10.92	110315	12 0.9	
						A13 11.87- 10.92	110811	12 1.2	
Galant 2.0 GTi 16V 4WD	[4G63]	07.89- 12.92	110802	14 75		AT 07.89- 12.92	111380		
		11.89- 12.92	110804	14 90		07.89- 12.92	110315	12 0.9	
						07.89- 12.92	110811	12 1.2	
Galant 2.0 Turbo	(A164)[4G63T]					05.82- 05.84	110158	12 1.2	
	(E15A)[4G63T]					06.84- 05.85	110158	12 1.2	
						06.84- 05.85	110315	12 0.9	
Galant 2.0 V6 24V	(E54A)[6A12]	11.92- 09.97	111627	14 90					
		AT 11.92- 07.94	111627	14 90					
Galant 2.0 TD	(E57A)[4D68]					11.92-	110809	12 2.0	
						11.92- 08.96	111912	12 2.2	
Galant 2.0 TDI	(EA6A)[4D68T]					09.96-	110809	12 2.0	
	(EA6W)[4D68]					09.96-	110809	12 2.0	
Galant 2.3 TD	(A167)[4D55T]	11.81- 05.84	110805	14 45		09.80- 05.84	110809	12 2.0	
		07.83- 05.84	110672#	14 55		A13 09.80- 05.84	111461	12 2.2	
						09.80- 05.84	111912	12 2.2	
	(A167V)[4D55T]	07.83- 05.84	110672#	14 55		A13 07.83- 05.84	111461	12 2.2	
		07.83- 05.84	110805	14 45		07.83- 05.84	110809	12 2.0	
						07.83- 05.84	111912	12 2.2	
Galant 2.4	(E16A)[G64B]	06.86- 12.87	112531	14 60		06.86- 12.87	110811	12 1.2	
Galant 2.4 GDI	(EA3A)[4G64]	AC 02.99-	112327	14 100					
	41								
	(EA3W)[4G64]	AC 02.99-	112327	14 100					
	41								
Galant 2.5 V6 24V	(E88A)[6G73]					11.92-	111241	12 1.2	
	(EA5A)[6A13]	09.96- 09.00	112348#	14 100					
	(EA5W)[6A13]	09.96-	112348#	14 100					
Galopper 2.5 Diesel Intercooler	[D4BH]	02.99-	113519	14 90		08.98-	111565	12 2.2	
Galopper 2.5 TD	(JK-01)[D4BF]	02.99-	113519	14 90		02.99-	111565	12 2.2	
Galopper 3.0 V6	[G6AT]	08.98-	111314	14 90		02.99-	111565	12 2.2	
Grandis 2.0 Di-D	(NA8W)[BSY]	09.05-	113884	14 150		09.05-	114217	12 2.0	
	[BWC]	02.07-	113884	14 150		02.07-	114217	12 2.0	
L 200 2.0	[4G63]	06.96-	111376	14 75		01.96- 06.01	110315	12 0.9	
						AT 01.96- 06.01	110811	12 1.2	
L 200 2.4 4WD	[4G64]					01.96-	110811	12 1.2	
L 200 2.5 Di-D	(KB4T)[4D56]					05.06-	111912	12 2.2	
	[4D56HP]	10.07-	114229	14 120		10.07-	111912	12 2.2	
L 200 2.5 Diesel	(K14T)[4D56]	11.86- 08.96	110805	14 45		11.86- 08.96	110809	12 2.0	
		11.86- 08.96	110806	14 65		A13 11.86- 08.96	111461	12 2.2	
	[4D56]	01.96-	111594	14 75 VP		06.96-	113326		
		01.96-	112128	14 75 VP		06.96-	111912	12 2.2	
		01.96-	112205	14 90 VP					
		06.96-	112355	14 80					
L 200 2.5 Diesel 4WD	(K24, 34T)[4D56]	12.87- 05.93	110805	14 45		12.87- 05.93	110809	12 2.0	
		12.87- 05.93	110806	14 65		A13 12.87- 05.93	111461	12 2.2	
L 200 2.5 TD 4WD	(K6_T)[4D56T]	08.03-	111594	14 75					
		08.03-	112128	14 75					
	(K74T)[4D56T]	01.96-	111594	14 75					
		01.96-	112128	14 75					
		01.96-	112355	14 80					
	[4D56]	11.01-	111594	14 75		11.01-	111912	12 2.2	
		11.01-	112128	14 75					
		11.01-	112205	14 90					
	[4D56T]	11.92- 08.96	110805	14 45		A13 11.92- 08.96	111461	12 2.2	
		11.92- 08.96	110806	14 65		11.92- 08.96	110809	12 2.0	
	[4D56TD]	01.96-	111594	14 75		06.96-	113326		
		01.96-	112128	14 75		06.96-	111912	12 2.2	
		01.96-	112205	14 90					
		06.96-	112355	14 80					
L 200 2.6 4WD	[G54B]	06.90- 01.96	111372	14 65		11.89- 05.95	110811	12 1.2	
L 300 1.6	(L)[4G32]					04.83-	110158	12 1.2	
	(L030PW)[4G32]					11.84- 02.87	110158	12 1.2	
	(L032P)[4G32]					05.80- 10.86	110158	12 1.2	
	(PO2V,P12V)[4G32]					11.86-	110158	12 1.2	
	(R12V,PO2V)[4G32]					11.86-	110158	12 1.2	
L 300 1.8 4WD	(L03_P)[4G62]	08.84- 11.86	110318	14 50		08.84- 02.87	110315	12 0.9	
L 300 2.0	(PO_W,P1_W,P2_W)[4G63]	07.96-	114461	14 90		07.96- 08.97	110315	12 0.9	
						07.96- 08.97	110811	12 1.2	
	(PO3V,2W,13V)[4G63]	11.86-	111372	14 65		11.86-	110811	12 1.2	
						11.86-	110315	12 0.9	
	(PO3V,P13V)[G63B]	11.86-	111372	14 65		11.86-	110315	12 0.9	
						11.86-	110811	12 1.2	
	(PO3W)[G63B]	11.86-	111372	14 65		11.86-	110315	12 0.9	
						11.86-	110811	12 1.2	

## STARTERS & ALTERNATORS

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	[4G63]	07.94-	114432	14	100		06.94- 04.00	110315	12	0.9
L 300 2.0 4WD	(L030PW)[4G63]	11.86- 02.87	111372	14	65		11.86- 02.87	110811	12	1.2
	(P23V,W)[4G63]	12.86-	111372	14	65		12.86-	110811	12	1.2
	(P23W)[4G63]	11.86-	111372	14	65		11.86-	110811	12	1.2
L 300 2.3 Diesel	(I030P)[4D55]	09.83- 10.86	110672#	14	55		09.83- 10.86	110809	12	2.0
		09.83- 10.86	110805	14	45					
	(L038P)[4D55]	04.83- 10.86	110672#	14	55		04.83- 10.86	110809	12	2.0
		04.83- 10.86	110805	14	45					
L 300 2.4	(P04V,W,14V)[4G64]	11.90- 01.94	111372	14	65		11.90-	110315	12	0.9
							11.90-	110811	12	1.2
L 300 2.4 4WD	(P24V,W)[4G64]	11.90-	111372	14	65		11.90-	110315	12	0.9
							11.90-	110811	12	1.2
	[G64B]	11.86- 05.94	111314	14	90		01.91-	110811	12	1.2
		11.86- 01.94	111372	14	65		11.86-	110315	12	0.9
L 300 2.5 Diesel	(P05V, W, 15V)[4D56]	11.86- 10.88	110806	14	65		11.86-	111912	12	2.2
		11.86- 06.99	111491#	14	75		11.86-	110809	12	2.0
		11.88- 05.94	111339	14	65					
	(P05W, 05U, 15V)[4D56]	06.94- 08.96	111872	14	65					
	(P15T)[4D56T]	11.94-	112065	14	65		11.94-	111912	12	2.2
	(P05V, P05W, P15V)[4D56]	11.86- 10.88	110806	14	65		11.86-	110809	12	2.0
		11.86- 05.96	111491#	14	75		11.86-	111912	12	2.2
		11.88- 05.94	111339	14	65					
	[4D56]	11.86-	110806	14	65		11.86- 04.94	111912	12	2.2
		11.86-	111240	14	50		11.86- 04.94	110809	12	2.0
		11.86- 04.94	111339	14	65					
L 300 2.5 TD 4WD	(P25V, P25W, P45V)[4D56T]	11.88- 11.91	111339	14	65		11.88-	110809	12	2.0
		11.88-	111594	14	75		11.88-	111912	12	2.2
L 400 2.0	(PAOV)[4G63]	06.96- 03.01	114432	14	100		06.96- 03.01	110811	12	1.2
L 400 2.5 TD 2500	(PA5V)[4D56T]	12.94- 12.95	112065	14	65		09.96-	111912	12	2.2
		01.96-	111594	14	75					
		01.96-	112128	14	75					
	A13 01.96-	112355	14	80						
	(PA5W)[4D56T]	12.94- 12.95	112065	14	65		06.96-	111912	12	2.2
		01.96-	111594	14	75					
		01.96-	112128	14	75					
		A13 01.96-	112355	14	80					
L 400 2.5 TD 2500 4WD	(PAOV)[4D56T]	10.95-	112065	14	65		09.96-	111912	12	2.2
Lancer 1.2	(A171)[4G11]						AT 01.80- 12.81	110157	12	1.0
							01.80- 12.81	110158	12	1.2
	(A7_)[4G36]						AT 01.78- 09.79	110157	12	1.0
							01.78- 09.79	110158	12	1.2
	(C15AS)[4G16]	06.86- 10.86	110660#	14	65		01.84- 10.86	110158	12	1.2
	(C65A)[4G16]	08.86- 04.88	110660#	14	65		08.86- 04.88	110158	12	1.2
Lancer 1.3	(C6_A)[4G13]	04.88- 05.92	110659	14	75		04.88- 05.92	110315	12	0.9
		04.88- 05.92	112531	14	60					
	(C61A)[G13B]	08.88- 05.92	110659	14	75		08.88- 05.92	110315	12	0.9
		08.88- 05.92	112531	14	60					
	(CB1A)[4G13]	06.92-	112528	14	75		06.92-	110315	12	0.9
Lancer 1.3 12V	(C61A)[4G13]	01.91- 05.94	110659	14	75		01.91- 05.94	110315	12	0.9
		01.91- 05.94	112531	14	60					
Lancer 1.3 12V GL GLX	[4G13]						12.95- 06.99	113040	12	0.9
Lancer 1.3 16V	(CS_A)[4G13]						09.03-	111971	12	1.2
Lancer 1.4	(A172)[4G12]						AT 09.79- 02.83	110157	12	1.0
							09.79- 02.83	110158	12	1.2
	(A7_)[4G33]						AT 01.78- 09.79	110157	12	1.0
							01.78- 09.79	110158	12	1.2
	(A7_K)[4G33]						AT 01.78- 09.79	110157	12	1.0
							01.78- 09.79	110158	12	1.2
Lancer 1.5	(C12AS)[4G15]	06.86- 04.88	110660#	14	65		11.83- 04.88	110158	12	1.2
	[G15B]	06.86- 04.88	110660#	14	65		06.85- 04.88	110158	12	1.2
	(C12V)[4G15]	06.86- 12.90	110660#	14	65		09.85- 12.87	110158	12	1.2
		09.88- 12.90	110659	14	75		09.88- 12.90	110315	12	0.9
		09.88- 12.90	112531	14	60					
	[G15B]	06.86- 08.89	110660#	14	65		09.85- 08.89	110158	12	1.2
	(C6_A,C7_A)[4G15]	06.88- 05.92	110659	14	75		06.88- 05.92	110158	12	1.2
		06.88- 05.92	112531	14	60		A13 06.88- 05.92	110315	12	0.9
	(C62A)[4G15]	04.88- 05.92	110659	14	75		AT 04.88- 05.92	110315	12	0.9
		04.88- 05.92	112531	14	60		AT 06.90- 05.92	110958	12	0.9
	[4A91]						06.08-	114108	12	0.9
Lancer 1.5 12V	(C12V)[4G15]	09.90- 12.91	110659	14	75		09.90- 12.91	110315	12	0.9
		09.90- 12.91	110660#	14	65					
		09.90- 12.91	112531	14	60					
	(C62A)[4G15]	05.89- 05.92	110659	14	75		AT 06.90- 05.92	110958	12	0.9
		05.89- 05.92	112531	14	60		AT 05.89- 05.92	110315	12	0.9
Lancer 1.5 16V	(CJ2A)[4G15]						AT 12.95- 09.00	113040	12	0.9
Lancer 1.5 BiFuel	(CY/Z_A)[4A91]						02.10-	114108	12	0.9
Lancer 1.5 BiFuel Sportsback	(CX_A)[4A91]						03.10-	114108	12	0.9
Lancer 1.6	(A174)[4G32GS]						03.79- 02.83	110158	12	1.2
	(A7_)[4G32GS]		110318	14	50		01.78- 09.79	110158	12	1.2
							01.78- 09.79	110315	12	0.9
	(C66A)[4G92]	06.92- 05.94	111375	14	75		06.92- 05.94	110315	12	0.9
	(CB4A)[4G92]	06.92-	111375	14	75					
	(CK4A)[4G92]	01.99- 02.01	114357	14	90					
	(CS_A)[4G18]						09.03-	111971	12	1.2
	(CS_W)[4G18]						09.03-	111971	12	1.2
Lancer 1.6 16V	(CJ4A)[4G92]	12.95-	112328	14	85		12.95-	113040	12	0.9
							12.95-	111971	12	1.2
Lancer 1.6 16V 4WD	[4G92]	06.92-	111375	14	75					
Lancer 1.6 16V 4WD GLXI	[4G92]	12.92-	111375	14	75					

## STARTERS & ALTERNATORS

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Application list

**mitsubishi** *Continued*

Lancer 1.6 16V GLXi	[4G92]	12.92-	111375	14 75				
Lancer 1.8 4WD	(C37V)[4G37]	06.90- 05.92	110666#	14 60	A13 01.87- 05.92	110315	12 0.9	
					06.90- 05.92	110158	12 1.2	
	(C77A)[4G37]	09.89- 06.92	110666#	14 60	09.89- 06.92	110315	12 0.9	
	[G37B]				01.87- 08.89	110315	12 0.9	
Lancer 1.8 GTI 16V	(C68A)[4G67]	11.89- 05.92	110802	14 75	11.89- 05.92	110811	12 1.2	
		11.89- 05.92	110804	14 90				
Lancer 1.8 Diesel	(C14V)[4D65]	04.88- 06.92	111243#	14 65	08.86- 06.92	111912	12 2.2	
	(C64A)[4D65]	04.88- 05.92	111243#	14 65	04.88- 05.92	111461	12 2.2	
					04.88- 05.92	111912	12 2.2	
Lancer 2.0	(CS_A)[4G63]				12.03- 01.06	113818	12 1.3	
	(CS_W)[4G63]				09.03- 12.07	113818	12 1.3	
Lancer 2.0 16V	(CP9A)[4G63]				01.03- 08.03	113818	12 1.3	
Lancer 2.0 16V EVO VIII	(CS_A)[4G63]				03.04- 01.06	113818	12 1.3	
Lancer 2.0 16V Turbo Evolution IX	(CS_A)[4G63]				01.06- 01.06	113818	12 1.3	
Lancer 2.0 Di-D	(CY8A)[BKD]				01.08-	114217	12 2.0	
Lancer 2.0 Diesel	(C6_A, C7_A)[4D68]				01.93- 07.93	113818	12 1.3	
	(CB8A)[4D68]	06.92-	111587	14 75	06.92-	110809	12 2.0	
Lancer 2.0 Diesel GLX	(CB_W, CD_W)[4D68]				12.92-	110809	12 2.0	
Lancer F 1.2	(A171)[4G11]				AT 03.83- 01.84	110157	12 1.0	
					03.83- 01.84	110158	12 1.2	
Lancer F 1.4	(A172)[4G12]				AT 03.83- 01.84	110157	12 1.0	
					03.83- 01.84	110158	12 1.2	
Lancer F 1.4 Turbo	(A17_)[4G12T]				AT 03.83- 01.84	110157	12 1.0	
					03.83- 01.84	110158	12 1.2	
Outlander 2.0	(CU2W)[4G63]	05.03- 10.06	115348*	14 100				
Outlander 2.0 4WD		05.03-	115348*	14 100	05.03-	115359*	12 1.2	
Outlander 2.0 Turbo 4WD	(CU2W)[4G63]	04.04-	115348*	14 100	04.04-	115359*	12 1.2	
Outlander 2.0 Di-D	(CW8W)[BSY]				02.07-	114217	12 2.0	
Outlander 2.2 Di-D	(CW7W)[4HK]	08.07-	115369*	14 150	08.07-	114460	12 1.4	
					08.07-	114854	12 2.5	
Outlander 2.4 4WD	[4G64(SOHC16V)]	05.03-	113782	14 110	05.03-	115359*	12 1.2	
	[4G69]	05.03-	113782	14 110	05.03-	115359*	12 1.2	
Pajero 1.8 Pinin	[4G93]	09.01-	112328	14 85	11.01-	111971	12 1.2	
		11.01-	112327	14 100				
Pajero 1.8 GDI	(V2_W, V4_W)[4G93]	06.98-	112327	14 100	06.98-	111971	12 1.2	
		06.98- 04.00	112328	14 85				
Pajero 1.8 GDI Pinin	(H6_W, H7_W)[4G93]	06.00-	112328	14 85	10.99-	111971	12 1.2	
		08.99- 06.00	112327	14 100				
Pajero 2.0 GDI Pinin	(H67W/H77W)[4G94]	10.00-	112327	14 100	10.00-	111971	12 1.2	
Pajero 2.3 TD	(L043G)[4D55T]	12.82- 04.86	110672#	14 55	A13 12.82- 04.86	111461	12 2.2	
		12.82- 04.86	110805	14 45	12.82- 04.86	110809	12 2.0	
					12.82- 04.86	111912	12 2.2	
	(L048G)[4D55]	12.82- 04.86	110805	14 45	12.82- 04.86	110809	12 2.0	
Pajero 2.4	(V2_W, V4_W)[4G64]	04.91-	111372	14 65	04.91-	110315	12 0.9	
Pajero 2.5 TD	(L044G)[4D56T]	05.86- 12.90	110806	14 65	11.89- 12.91	111476	12 2.0	
		05.86- 12.90	111240	14 50	A13 11.89- 12.91	111565	12 2.2	
		05.86- 12.91	111339	14 65	05.86- 11.90	111912	12 2.2	
					AT 01.90- 12.91	111461	12 2.2	
					05.86- 10.89	110809	12 2.0	
	(L049G)[4D56T]	05.86- 06.91	110806	14 65	05.86- 11.90	111912	12 2.2	
		05.86- 06.91	111240	14 50	05.86- 06.91	110809	12 2.0	
		05.86- 12.91	111339	14 65				
	(V24C, W)[4D56TD]	12.90- 10.93	111238	14 75 VP	12.90-	111476	12 2.0	
		12.90- 10.93	111339	14 65	AT 12.90- 04.00	111461	12 2.2	
		12.90- 10.93	112129	14 90	A13 12.90-	111565	12 2.2	
		11.93-	111594	14 75	12.90-	110809	12 2.0	
		11.93-	112128	14 75				
		11.93-	112205	14 90				
Pajero 2.5 TD Classic	(V2_W)[4D56]	07.02-	114187	14 105	07.02-	113326		
		AC 07.02-	112355	14 80				
Pajero 2.5 TD Sport	(K9_)[4D56T]	08.98- 08.99	112128	14 75	07.02-	113326		
		08.99-	112355	14 80	08.98-	113445	12 2.2	
		AC 07.02-	112355	14 80				
Pajero 2.5 TDi	(V60)[4D56T]	04.00- 06.00	111594	14 75	09.01-	113445	12 2.2	
		04.00-	112128	14 75				
		09.01-	112355	14 80				
		09.01-	114187	14 105				
	(V7_W, V60, V6_W, V70)[4D56T]				04.00- 12.06	113445	12 2.2	
Pajero 2.6	(L042G)[4G54]	01.83- 06.86	110318	14 50	05.86- 11.90	110811	12 1.2	
					01.83- 11.90	110315	12 0.9	
	(L047G)[4G54]	12.82- 06.91	110318	14 50	12.82- 06.91	110315	12 0.9	
					A13 12.82- 06.91	110811	12 1.2	
Pajero 2.8 TD	(V46W)[4M40]	06.94-	111956	14 75	06.94-	112370	12 2.2	
		06.96-	111626	14 90				
Pajero 3.0 24V	(V2_W, V4_W)[6G72]	06.94-	111806	14 90	06.94-	111241	12 1.2	
Pajero 3.0 V6	(C23C, W, 43W)[6G72]	12.90- 05.94	111314	14 90	12.90-	111241	12 1.2	
	[6G72(SOHC12V)]	12.90- 05.94	111314	14 90	12.90-	111241	12 1.2	
	(L141G)[6G72 (DOHC24V)]				11.88- 11.90	111241	12 1.2	
	(L146G)[6G72(SOHC12V)]				11.88- 06.91	111241	12 1.2	
Pajero 3.0 V6 24V	(V2_W, V4_W)[6G72]	06.97- 04.00	111806	14 90	06.97- 04.00	111241	12 1.2	
		06.97- 04.00	112362	14 100				
Pajero 3.0 V6 Sport	(K9_)[6G72]	08.98-	111806	14 90	08.98-	111241	12 1.2	
	(K90)[6G72]	03.03-	111806	14 90	03.03-	111241	12 1.2	
Pajero 3.2 Di-D	(V60)[4M41]	04.00- 10.01	113321	14 125	02.00- 10.01	112370	12 2.2	
		AC 10.01-	113321	14 125				
Pajero 3.2 Di-D 4WD	(V2_W)[4M41]	05.05-	113321	14 125	05.05-	112370	12 2.2	
Pajero 3.5 GDI	(V60)[6G74]				04.00-	111241	12 1.2	



Pajero 3.5 V6 24V	(V2_W,V4_W)[6G74]	06.97-07.97	112362	14	100	07.97-	111241	12	1.2
		07.97-	111806	14	90				
	(V25W,V45W)[6G74]	11.93-06.94-	111806	14	90	11.93-	111241	12	1.2
			112362	14	100				
Pajero Sport Van 3.0 V6	(K90)[6G72 (DOHC24V)]	12.99- 01.08	111806	14	90	12.99- 01.08	111241	12	1.2
Santamo 2.0 16V	[4G63]					05.99-	110315	12	0.9
Santamo 2.0 16V 4x4	[4G63]					05.99-	110315	12	0.9
Sapporo 1.6	(A121)[4G32]					04.78- 07.80	110158	12	1.2
	(A161A)[4G32]					08.80- 09.84	110158	12	1.2
Sapporo 2.0	(A123)[4G52]	04.78- 07.80	110318	14	50	04.78- 07.80	110158	12	1.2
	(A161A)[4G63]	08.80- 09.84	110318	14	50	08.80- 09.84	110158	12	1.2
Sapporo 2.0 Turbo	(A164)[4G63T]					08.82- 08.83	110158	12	1.2
Sapporo 2.4	(E16A)[4G64]	06.87- 08.90	110659	14	75	06.87- 08.90	110811	12	1.2
		06.87- 08.90	112531	14	60				
Shogun 2.5 TD	(P25W)[4D56]	06.86- 11.88	110806	14	65	01.88- 01.91	110809	12	2.0
		11.88- 12.96	111339	14	65	01.88-	111461	12	2.2
		12.90- 07.96	111406	14	110	12.90- 07.96	111241	12	1.2
Sigma 3.0 i 24V	(F16A)[6G72]					12.90- 07.96	111241	12	1.2
Sigma 3.0 i V6	(F16A)[6G72(SOHC12V)]	12.90-	111406	14	110	12.90- 07.96	111241	12	1.2
Sigma 3.0 V6	(F07W)[6G72(SOHC12V)]					01.93- 07.96	111241	12	1.2
Space Gear 2.0 16V L400	(PA3V/W)[4G63]	12.94-	111376	14	75	12.94- 08.96	110315	12	0.9
		05.95- 05.00	114461	14	90	AT 12.94- 08.96	110811	12	1.2
Space Gear 2.4 i 4WD	(PA4W)[4G64]	05.95- 05.00	114432	14	100	12.94- 08.96	110811	12	1.2
Space Gear 2.5 TD	(PA5W)[4D56TD]					05.95- 05.00	111912	12	2.2
Space Gear 2.5 TD 4WD	(PA5W)[4D56TD]					05.95- 05.00	111912	12	2.2
Space Runner 1.8	(N11W)[4G93]	06.93-	111375	14	75	06.91- 05.92	110315	12	0.9
	[4G93]	07.93- 05.99	111375	14	75	A32 06.91- 05.99	111380		
						AT 06.91- 05.99	110958	12	0.9
Space Runner 1.8 4WD	(N21W)[4G93]	06.93-	111375	14	75	06.91- 05.92	110315	12	0.9
	[4G93]	07.93- 05.99	111375	14	75	A13 06.91- 05.92	110158	12	1.2
		05.99- 08.02	112327	14	100	05.99- 08.02	113325#	12	0.9
Space Runner 2.0	(N50)[4G63]					08.99-	113658		
		05.00- 08.02	112327	14	100	05.00- 08.02	113325#	12	0.9
	(N6_W)[4G63 (SOHC16V)]					05.00- 08.02	113638	12	1.4
Space Runner 2.0 16V	[4G63]	05.99- 08.02	112327	14	100	05.99- 08.02	113325#	12	0.9
						06.97- 08.99	113638	12	1.4
						06.97- 08.99	113658		
Space Runner 2.0 TD GLX	[4D68T]	10.92-	111587	14	75	05.96-	110809	12	2.0
						10.92- 08.99	111912	12	2.2
Space Runner 2.4 GDI	(N6_W)[4G64 (GDI)]	08.99- 08.02	112327	14	100	08.99- 08.02	113638	12	1.4
	(N64W)[4G64]	05.99- 08.02	112327	14	100	08.99-	113638	12	1.4
Space Star 1.3 16V	(DGO)[4G13]	09.00-	112418	14	90	09.00-	111508	12	1.2
	(DGO)[4G13]	12.98-	112418	14	90	12.98-	111508	12	1.2
		AC 12.98-	112418	14	90				
	[4G13]	06.98-	112418	14	90	06.98-	111508	12	1.2
		AC 06.98-	112418	14	90				
Space Star 1.6 16V	(DGO)[4G18]	09.01-	112418	14	90	09.01-	111508	12	1.2
Space Star 1.8 GDI	(DGO)[4G93]					10.02-	111508	12	1.2
	[4G93]	06.98-	112327	14	100	06.98-	111971	12	1.2
		06.98-	112328	14	85				
Space Star 1.8 GDI	(DGO)[4G93]	06.98-	112327	14	100	06.98-	111971	12	1.2
		06.98-	112328	14	85				
Space Wagon 1.8	(N31W)[4G93]					AT 05.91-	111380		
						05.91-	110158	12	1.2
						05.91-	110315	12	0.9
						08.91-	111305	12	1.2
Space Wagon 1.8 4WD	(N41W)[4G93]					AT 05.91-	111380		
						05.91-	110158	12	1.2
						05.91-	110315	12	0.9
						08.91-	111305	12	1.2
	[4G37]	07.87- 05.91	110666#	14	60	10.87- 05.91	110315	12	0.9
	07.87- 05.91	112531	14	60	10.87- 05.91	110811	12	1.2	
Space Wagon 1.8 GLX	(D05V)[4G37]	07.87- 12.88	110666#	14	60	01.84- 12.88	110315	12	0.9
						06.87- 12.88	110811	12	1.2
Space Wagon 1.8 TD	(D09W)[4D65T]					06.87- 04.91	110809	12	2.0
	(N35W)[4D65T]	05.91- 05.92	111243#	14	65	05.91- 05.92	110809	12	2.0
						10.91- 10.98	111912	12	2.2
Space Wagon 2.0	(D04W)[4G63]	06.88- 04.91	112531	14	60	06.88- 04.91	110315	12	0.9
						06.88- 04.91	110811	12	1.2
	[G63B]					06.86- 05.88	110315	12	0.9
	(N33W)[4G63]	06.92-	111376	14	75	06.87- 05.88	110811	12	1.2
						AT 10.92-	111380		
Space Wagon 2.0 4WD	(D08W)[4G63]	05.88-	110659	14	75	03.85- 04.91	110315	12	0.9
		06.88- 04.91	112531	14	60	06.87- 04.91	110811	12	1.2
	[G63B]					06.86- 05.88	110315	12	0.9
	(N43W)[4G63]	06.92-	111376	14	75	06.87- 05.88	110811	12	1.2
						AT 10.92-	111380		
Space Wagon 2.0 TD	(N38W)[4D68T]	06.93-	111587	14	75	06.92-	110809	12	2.0
						10.92- 10.98	111912	12	2.2
Space Wagon 2.4 GDI	(N84W)[4G64]	10.98-	112327	14	100	10.98-	113658		
						10.98-	113638	12	1.4
Space Wagon 2.4 GDI 4WD	(N94W)[4G64]	10.98-	112327	14	100	10.98-	113658		
						10.98-	113638	12	1.4
Space Wagon 2.4 i	(N3_W, N4_W)[4G64]					10.92- 10.98	110811	12	1.2
Space Wagon 2.4 GDI	(N84W)[4G64]	07.98-	112327	14	100	09.00-	113658		
						09.00-	113638	12	1.4
Space Wagon 2.4 GDI 4WD	(N94W)[4G64]	07.98-	112327	14	100	09.00-	113658		
		06.86- 05.88	111372	14	65	05.85- 05.88	110158	12	1.2
Starion 2.0 Turbo	(A183A)[4G63T/C]					06.82- 12.85	110158	12	1.2
	(A183E)[4G63T]								

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

MTSUBISHI Continued

Starion 2.6 Turbo	(A187)[G54BT/C]					12.89- 06.90	110811	12	1.2
Tredia 1.4	(A211)[4G12]					10.82- 08.85	110315	12	0.9
Tredia 1.6	(A212)[4G32]					09.82- 11.87	110479	12	0.9
Tredia 1.6 Turbo	(A212)[4G32T]					09.82- 05.85	110479	12	0.9
Tredia 1.8	(A215)[4G37]					08.84- 11.87	110315	12	0.9
Tredia 1.8 Turbo	(A21_) [G62B]					A13 09.84- 09.85	110315	12	0.9
						09.84- 09.85	110158	12	1.2
Tredia 2.0 GLXi 4WD	(A21_) [4G63 (SOHC8V)]	10.86- 03.88	110660#	14	65	10.86- 03.88	110315	12	0.9
<b>PASSENGER CARS US</b>									
3000 GT 3.0	[6G72]	01.93- 01.99	111406	14	110	01.93- 01.95	111241	12	1.2
		01.91- 01.92	111406	14	110	01.91- 01.92	111241	12	1.2
3000 GT 3.0 SL	[6G72]	01.93- 01.99	111406	14	110	01.93- 01.95	111241	12	1.2
		01.91- 01.92	111406	14	110	01.91- 01.92	111241	12	1.2
3000 GT 3.0 Spyder SL	[6G72]	01.95- 01.95	111406	14	110	01.95- 01.95	111241	12	1.2
3000 GT 3.0 Turbo Spyder VR-4	[6G72]	01.95- 01.95	111406	14	110	01.95- 01.96	111241	12	1.2
3000 GT 3.0 Turbo VR4	[6G72T]	01.99- 01.99	111406	14	110	01.99- 01.99	111241	12	1.2
3000 GT 3.0 Turbo VR-4	[6G72]	01.93- 01.98	111406	14	110	01.93- 01.98	111241	12	1.2
		01.91- 01.92	111406	14	110	01.91- 01.92	111241	12	1.2
Cordia 1.8						01.83- 01.83	110158	12	1.2
Cordia 1.8 Turbo		01.86- 01.88	110660#	14	65	01.86- 01.88	110158	12	1.2
Cordia 1.8 Turbo L		01.85- 01.85	110660#	14	65	01.85- 01.85	110158	12	1.2
Cordia 1.8 Turbo LS		01.84- 01.84	110660#	14	65	01.84- 01.84	110158	12	1.2
Cordia 2.0		01.84- 01.88	110660#	14	65	01.84- 01.88	110158	12	1.2
						01.86- 01.88	110811	12	1.2
Cordia 2.0 L		01.84- 01.85	110660#	14	65	01.84- 01.85	110158	12	1.2
Cordia 2.0 LS		01.84- 01.84	110660#	14	65	01.84- 01.84	110158	12	1.2
Eclipse 1.8		01.90- 01.94	110666#	14	60	01.93- 01.94	110958	12	0.9
						01.90- 01.94	110158	12	1.2
Eclipse 1.8 GS		01.90- 01.94	110666#	14	60	01.93- 01.94	110958	12	0.9
						01.90- 01.94	110158	12	1.2
Eclipse 2.0	[420A]	01.96- 01.97	111530	14	90				
Eclipse 2.0 GS	[420A]	01.96- 01.98	111530	14	90				
		01.95- 01.95	111530	14	90	01.90- 01.94	110811	12	1.2
		01.90- 01.94	110802	14	75				
Eclipse 2.0 RS	[420A]	01.96- 01.98	111530	14	90				
		01.95- 01.95	111530	14	90				
Eclipse 2.0 Turbo GS		01.90- 01.94	110802	14	75	01.90- 01.94	110811	12	1.2
Eclipse 2.0 Turbo GST	[4G63]					01.96- 01.97	110811	12	1.2
						01.95- 01.95	110811	12	1.2
Eclipse 2.0 Turbo GSX	[4G63]					01.96- 01.97	110811	12	1.2
		01.90- 01.94	110802	14	75	01.90- 01.95	110811	12	1.2
Eclipse 2.0 Turbo Spyder GST	[4G63]					01.96- 01.97	110811	12	1.2
Eclipse 2.4	[4G64]					01.00- 01.03	113638	12	1.4
Eclipse 2.4 Spyder	[4G64]					01.99- 01.99	110811	12	1.2
						01.01- 01.03	113638	12	1.4
Eclipse 2.4 SPYDER GS	[4G64]					01.96- 01.98	110811	12	1.2
Expo 1.8 LRV		01.94- 01.94	111375	14	75				
Expo 2.4	[4G64]	01.93- 01.95	111376	14	75	01.93- 01.95	110811	12	1.2
		01.92- 01.92	110802	14	75	01.92- 01.92	110158	12	1.2
		01.92- 01.92	111376	14	75	01.92- 01.92	110811	12	1.2
Expo 2.4 LRV		01.93- 01.94	111376	14	75				
Expo 2.4 LRV Sport		01.93- 01.94	111376	14	75				
Expo 2.4 SP	[4G64]	01.93- 01.93	111376	14	75				
		01.92- 01.92	110802	14	75	01.92- 01.92	110158	12	1.2
		01.92- 01.92	111376	14	75	01.92- 01.92	110811	12	1.2
Galant 2.0		01.89- 01.92	110802	14	75	01.89- 01.92	110158	12	1.2
		01.91- 01.92	110804	14	90	01.89- 01.92	110811	12	1.2
Galant 2.0 ES		01.93- 01.93	110802	14	75	01.93- 01.93	110811	12	1.2
		01.93- 01.93	110804	14	90				
Galant 2.0 GS		01.91- 01.92	110804	14	90	01.89- 01.92	110811	12	1.2
		01.89- 01.92	110802	14	75	01.89- 01.92	110158	12	1.2
Galant 2.0 GSR		01.91- 01.92	110802	14	75	01.91- 01.92	110811	12	1.2
		01.91- 01.92	110804	14	90	01.91- 01.92	110158	12	1.2
Galant 2.0 GSX		01.91- 01.92	110804	14	90	01.90- 01.92	110158	12	1.2
		01.90- 01.92	110802	14	75	01.90- 01.92	110811	12	1.2
Galant 2.0 LS		01.91- 01.93	110804	14	90	01.89- 01.93	110811	12	1.2
		01.89- 01.93	110802	14	75	01.89- 01.92	110158	12	1.2
Galant 2.0 S		01.93- 01.93	110802	14	75	01.93- 01.93	110811	12	1.2
		01.93- 01.93	110804	14	90				
Galant 2.0 Turbo VR-4		01.91- 01.92	110804	14	90	01.91- 01.92	110811	12	1.2
Galant 2.4	[4G64]					01.99- 01.02	113638	12	1.4
		01.87- 01.87	112531	14	60	01.87- 01.87	110811	12	1.2
		01.85- 01.86	110660#	14	65				
Galant 2.4 DE	[4G64]					01.97- 01.98	110811	12	1.2
Galant 2.4 ES	[4G64]	01.94- 01.97	111376	14	75	01.94- 01.98	110811	12	1.2
Galant 2.4 GS		01.94- 01.94	111376	14	75	01.94- 01.94	110811	12	1.2
Galant 2.4 LS	[4G64]	01.94- 01.97	111376	14	75	01.94- 01.98	110811	12	1.2
Galant 2.4 S	[4G64]	01.94- 01.96	111376	14	75	01.94- 01.96	110811	12	1.2
Galant 3.0						01.00- 01.02	113638	12	1.4
Lancer 2.0		01.02- 01.03	112328	14	85	01.03- 01.06	113818	12	1.3
						01.02- 01.03	111971	12	1.2
Lancer 2.0 Turbo Evolution	[4G63]					01.05- 01.06	113818	12	1.3
		01.03- 01.03	112328	14	85	01.03- 01.06	113818	12	1.3
Lancer 2.0 Turbo Evolution MR	[4G63]					01.05- 01.06	113818	12	1.3
Lancer 2.0 Turbo Evolution RS	[4G63]					01.05- 01.06	113818	12	1.3
Lancer 2.4 Ralliart		01.04-	113782	14	110				
Lancer 2.4 Sportback		01.04-	113782	14	110				
Mighty Max 2.0						01.83- 01.86	110158	12	1.2
						01.84- 01.86	110315	12	0.9



Mighty Max 2.0 S						01.84- 01.84	110315	12	0.9
						01.83- 01.84	110158	12	1.2
Mighty Max 2.0 SWB						01.89-	110811	12	1.2
						01.89-	110158	12	1.2
Mighty Max 2.3 Turbo SP						01.83- 01.85	111461	12	2.2
						01.83- 01.85	110811	12	1.2
						01.83- 01.83	110809	12	2.0
Mighty Max 2.3 Turbo SPX						01.84- 01.84	110811	12	1.2
						01.84- 01.84	111461	12	2.2
Mighty Max 2.4						01.90- 01.94	110811	12	1.2
						01.90- 01.94	110158	12	1.2
Mighty Max 2.4 LWB						01.92- 01.93	110158	12	1.2
						01.92- 01.93	110811	12	1.2
Mighty Max 2.4 SWB	[4G64]					01.95- 01.96	110158	12	1.2
						01.95- 01.96	110811	12	1.2
						01.92- 01.92	110158	12	1.2
						01.92- 01.92	110811	12	1.2
Mighty Max 2.6						01.88- 01.89	110811	12	1.2
Mighty Max 2.6 LWB						01.89-	110811	12	1.2
Mighty Max 2.6 SP		01.83- 01.83	110805	14	45	01.83- 01.86	110158	12	1.2
Mighty Max 2.6 SPX		01.83- 01.83	110805	14	45	01.83- 01.86	110158	12	1.2
						01.87- 01.89	110811	12	1.2
Mighty Max 2.6 SWB						01.89-	110811	12	1.2
Mighty Max 3.0 SWB						01.92- 01.92	111241	12	1.2
Mirage 1.5	[4G15]	01.91- 01.92	110659	14	75	01.99- 01.02	113038	12	0.7
						01.91- 01.92	110158	12	1.2
						01.91- 01.92	110958	12	0.9
						01.00- 01.02	111971	12	1.2
						01.99- 01.99	113040	12	0.9
						01.89- 01.90	110659	14	75
						01.85- 01.90	110158	12	1.2
						01.85- 01.85	110315	12	0.9
Mirage 1.5 DE	[4G15]					01.97- 01.98	113038	12	0.7
						01.97- 01.98	113040	12	0.9
Mirage 1.5 ES	[4G15]	01.93- 01.95	110659	14	75	01.93- 01.95	110158	12	1.2
Mirage 1.5 L						01.85- 01.88	110158	12	1.2
						01.85- 01.85	110315	12	0.9
Mirage 1.5 LS	[4G15]	01.91- 01.93	110659	14	75	01.91- 01.93	110158	12	1.2
						01.91- 01.93	110958	12	0.9
						01.89- 01.90	110659	14	75
						01.90- 01.90	110158	12	1.2
Mirage 1.5 RS		01.90- 01.90	110659	14	75	01.90- 01.90	110158	12	1.2
Mirage 1.5 S	[4G15]	01.93- 01.96	110659	14	75	01.93- 01.96	110158	12	1.2
Mirage 1.5 VL	[4G15]	01.91- 01.92	110659	14	75	01.91- 01.92	110158	12	1.2
						01.91- 01.92	110958	12	0.9
						01.90-	110659	14	75
						01.90-	110158	12	1.2
Mirage 1.6 GS		01.91- 01.92	110802	14	75	01.91- 01.92	110811	12	1.2
Mirage 1.6 Turbo		01.89- 01.89	110802	14	75	01.89- 01.89	110811	12	1.2
						01.88- 01.88	110158	12	1.2
Mirage 1.6 Turbo L						01.85- 01.85	110315	12	0.9
						01.85- 01.85	110158	12	1.2
Mirage 1.6 Turbo LS						01.86- 01.87	110158	12	1.2
Mirage 1.8	[4G93]	01.99- 01.02	112328	14	85	01.99- 01.02	111971	12	1.2
						01.99- 01.99	113040	12	0.9
Mirage 1.8 ES	[4G93]	01.93- 01.95	111375	14	75				
Mirage 1.8 LS	[4G93]	01.93- 01.96	111375	14	75	01.98- 01.98	111971	12	1.2
						01.97- 01.98	113040	12	0.9
						01.98- 01.98	112328	14	85
Montero 2.4 Sport ES	[4G64]					01.97- 01.97	110811	12	1.2
Montero 2.6		01.83- 01.86	110805	14	45	01.83- 01.86	110158	12	1.2
						01.87- 01.89	110811	12	1.2
Montero 2.6 Sport						01.87- 01.88	110811	12	1.2
Montero 3.0						01.89- 01.94	111241	12	1.2
Montero 3.0 LS						01.89- 01.96	111241	12	1.2
Montero 3.0 LS Sport	[6G72]	01.98- 01.98	111806	14	90	01.98- 01.98	111241	12	1.2
Montero 3.0 RS						01.91- 01.93	111241	12	1.2
Montero 3.0 Sport	[6G72]	01.99- 01.03	111806	14	90	01.99- 01.99	111241	12	1.2
						01.89- 01.90	111241	12	1.2
Montero 3.0 Sport LS	[6G72]	01.97- 01.97	111806	14	90	01.97- 01.97	111241	12	1.2
Montero 3.0 Sport XLS	[6G72]	01.97- 01.97	111806	14	90	01.97- 01.97	111241	12	1.2
Montero 3.0 SR						01.92- 01.94	111241	12	1.2
Montero 3.0 XLS Sport	[6G72]	01.98- 01.98	111806	14	90	01.98- 01.98	111241	12	1.2
Montero 3.5	[6G74]	01.98- 01.02	112362	14	100	01.00- 01.02	111241	12	1.2
Montero 3.5 LS	[6G74]	01.97- 01.97	111806	14	90	01.97- 01.97	111241	12	1.2
Montero 3.5 Sport	[6G74]	01.99- 01.03	111806	14	90				
		01.99- 01.99	112362	14	100				
Montero 3.5 SR	[6G74]	01.97- 01.97	111806	14	90	01.97- 01.97	111241	12	1.2
		01.94- 01.96	111806	14	90	01.94- 01.96	111241	12	1.2
Precis 1.5		01.90- 01.93	110659	14	75	01.87- 01.93	110158	12	1.2
Precis 1.5 LS						01.87- 01.89	110158	12	1.2
Precis 1.5 RS		01.90- 01.91	110659	14	75	01.88- 01.91	110158	12	1.2
Sigma 3.0						01.88- 01.90	111241	12	1.2
Starion 2.6 Turbo		01.83- 01.88	110318	14	50	01.83- 01.83	110158	12	1.2
Starion 2.6 Turbo ES		01.84- 01.85	110318	14	50	01.84- 01.84	110158	12	1.2
Starion 2.6 Turbo LE		01.84- 01.85	110318	14	50	01.84- 01.84	110158	12	1.2
Starion 2.6 Turbo LS		01.84- 01.84	110318	14	50	01.84- 01.84	110158	12	1.2
Treda 1.8						01.83- 01.83	110158	12	1.2
Treda 1.8 Turbo		01.85- 01.88	110660#	14	65	01.86- 01.88	110158	12	1.2
Treda 1.8 Turbo LS		01.84- 01.84	110660#	14	65	01.84- 01.84	110158	12	1.2
Treda 2.0		01.84- 01.88	110660#	14	65	01.86- 01.88	110811	12	1.2
						01.84- 01.88	110158	12	1.2
Treda 2.0 L		01.84- 01.85	110660#	14	65	01.84- 01.85	110158	12	1.2

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**mitsubishi** Continued

Treda 2.0 LS		01.84- 01.84	110660#	14	65		01.84- 01.84	110158	12	1.2
Van 2.4							01.87- 01.90	110811	12	1.2
<b>PASSENGER CARS AO</b>										
Canter 2.4	(FB6_, FE5_, FE6_)[4G64]	08.01-	113506	28	40					
Canter 2.5 Diesel DT	(FB4_, FE4_)	09.92- 09.96	110805	14	45					
		01.93- 09.96	113506	28	40					
Canter 2.8 Diesel	(FB6_, FE5_, FE6_)	10.96- 07.01	113506	28	40					
Canter 3.0	(FB7, FE7, FE8, FB8)						08.05- 11.10	115505	12	2.3 A49
Canter 3.6 TD	(FB6_, FE5_, FE6_)	08.01-	113506	28	40					
Canter 3.6 TDI	(FB4_, FE4_)	09.93- 09.96	113506	28	40					
Canter 3.9 TDI	(FB4_, FE4_)	09.93- 09.96	113506	28	40					
	(FB6_, FE5_, FE6_)	10.96- 07.01	113506	28	40					
Canter 4.2 TD	(FB6_, FE5_, FE6_)	10.96- 08.04	113506	28	40					
Colt 1.6 4WD	(CA_A)[4G92]						12.91- 05.92	110158	12	1.2
Delica 2.5 Diesel		01.88-	114018	14	65					
Eclipse 1.8	(D2_A)[4G37]						12.89- 03.94	111305	12	1.2
Eclipse 2.0 Turbo	(D3_)					4G63 Kat.	08.90- 03.93	111305	12	1.2
Grandis 2.4 GDI GLX	(N94W)[4G64]						11.97- 07.00	113638	12	1.4
							11.97- 07.00	113658		
Grandis 2.4 GDI GLX	[4G64]						08.00- 05.03	113638	12	1.4
							08.00- 05.03	113658		
L 300 2.0	(P0_W, P1_W)	06.94- 08.95	114432	14	100					
L 400 2.0	(PA0V)	09.95- 10.02	114432	14	100					
L 400 2.4	(PA0V)	06.96- 10.02	114432	14	100					
	(PA0V)	06.96- 10.02	114432	14	100					
Lancer 1.3	(C6A, C7A)[G13B]						06.86- 04.88	110158	12	1.2
Lancer 1.6	(C6_A, C7_A)[4G61]						09.90- 09.92	110315	12	0.9
Lancer 1.6 GTi	(C6_A)[4G61]	05.88- 05.90	110802	14	75					
	(C6_A, C7_A)[4G61]	05.88- 05.90	110802	14	75					
Lancer 1.8 SEi Limited	(CK/P_A)[4G93]	09.03-	114357	14	90					
Lancer 1.8 i	(CK/P_A)[4G93]	03.95- 07.96	114357	14	90					
Lancer 2.0	(CS_A)						09.03- 01.06	113818	12	1.3
Lancer 2.0 GDI LS	(CS_A)[4G94]						09.03- 01.06	113818	12	1.3
Lancer 2.0 Diesel	(CK/P_A)[4D68]						01.95- 09.95	113818	12	1.3
Pajero 2.0 4WD	(L04_G, L14,G)[G63B]						12.82-	110158	12	1.2
Pajero 2.0 Turbo 4WD	(L04_G, L14,G)						11.88-	110811	12	1.2
<b>TRUCKS EU</b>										
Canter 211	(FE)[4D30A]	11.83-	111344	28	25		11.83-	110576	24	3.2
		01.93-	113506	28	40	Only Canter FE211	01.50- 01.83	113194	24	3.2
Canter 35 2.5 Diesel	[4D56]	01.90- 09.96	110805	14	45		01.86- 09.96	111565	12	2.2
		01.93- 09.96	113506	28	40					
Canter 35 2.8 Diesel	[4M40-2AT]	07.98-	113506	28	40		07.98-	112370	12	2.2
	[4M40-A]	07.99- 10.00	111956	14	75					
		08.96- 12.99	113506	28	40		01.96-	112370	12	2.2
		07.99- 10.00	111956	14	75					
Canter 35 3.0 TD	[4M42-0AT]	09.01-	113506	28	40					
		11.02-	111956	14	75					
Canter 435	(FE)[4D32]	01.93-	113506	28	40					
Canter 444	(FE)[4D31]	11.83-	111344	28	25		01.87-	110576	24	3.2
		11.83-	112210	28	30					
		01.93-	113506	28	40					
Canter 55 3.0 Diesel	[4M42-0AT]	11.00-	111956	14	75		09.01-	112370	12	2.2
		09.01-	113506	28	40					
Canter 60 3.3 TD	[4D31T]	01.92-	112210	28	30		01.92- 01.96	113195	24	3.2
		01.93-	113506	28	40					
Canter 60 3.9	[4D34-2AT6]		113506	28	40					
Canter 60 3.9 TD	[4D34-2AT4]		113506	28	40		01.95-	110576	24	3.2
							08.96-	113195	24	3.2
Canter 75 3.9	[4D34-2AT6]		113506	28	40					
Canter 75 3.9 TD	[4D34-2AT4]		113506	28	40		10.97-	113195	24	3.2
Canter 75 4.9 TD	[6D31-1AT2]	01.93- 12.97	113506	28	40					
Fuso 3.9	(FE7_, FE8_)[4D34]						05.99-	114418	12	3.6
Fuso 4.2	(FE7_, FE8_)[4D33]						05.99-	114418	12	3.6
Fuso 6.9	[6D15]						01.86- 01.91	113129	24	4.5
Fuso 305								114343	24	6.0
Fuso 310								114343	24	6.0
Fuso 320								114343	24	6.0
Fuso 355								114343	24	6.0
Fuso 8DC9								114343	24	6.0
Fuso Canter FE 3.9 Diesel							01.99-	114418	12	3.6
Fuso Canter FG 3.9 Diesel	[4D34-2AT]						01.99- 01.04	114418	12	3.6
Fuso FE Series 3.3	(201)[4D31-1AT]	01.95-	114424	14	80					
Fuso FE Series 3.9	(238)[4D34-1AT]		114424	14	80					
Fuso FE Series 3.9 Diesel 238	[4D34-2,3AT]						01.99-	114418	12	3.6
Fuso FE Series 5.9	(358)[6D34-0AT]	01.96-	114424	14	80					
Fuso FG Series 3.9 Diesel 238							01.99-	114418	12	3.6
Fuso MJ218	[6D17]	01.93-	114425	28	50					
Fuso MK219	[6D17]	01.93-	114425	28	50					
Fuso MK23H	[6M61]	01.93-	114425	28	50					
Fuso MK25H	[6M61]	01.93-	114425	28	50					
Fuso MK619	[6D17]	01.93-	114425	28	50					
Fuso MM319	[6D17]	01.93-	114425	28	50					
Fuso MM33H	[6M61]	01.93-	114425	28	50					
Fuso V8								114343	24	6.0
Various Models	(FE_)[4DR5]							114334	12	2.0
<b>TRUCKS AO</b>										
FB308								113141	12	0.8
Various Models	[4DR7]							113141	12	0.8



AGRICULTURE										
Various Models Tractors			111832	14	40			110210	24	6.6
FORK LIFTS										
FD10			113212	28	20					
FD15			113212	28	20					
FD20		01.83-	113212	28	20		01.83-	111913	24	3.2
							01.83- 01.91	111275	12	2.0
								112323	24	5.0
FD23							01.83- 01.91	111275	12	2.0
FD25		01.83- 01.91	113212	28	20			112323	24	5.0
							01.83- 01.91	111275	12	2.0
FD28							01.83- 01.91	111275	12	2.0
FD30		01.83-	113212	28	20			112323	24	5.0
							01.83- 01.91	111275	12	2.0
FD35			113212	28	20			112323	24	5.0
FD35D Mitsubishi		[S6E/S6S]	114457	28	35			114169	24	5.0
FD35D2 Mitsubishi		[S6E/S6S]	114457	28	35			114169	24	5.0
FD35DS Mitsubishi		[S6E/S6S]						114169	24	5.0
FD38 Mitsubishi		[S6E/S6S]						114169	24	5.0
FD40D Mitsubishi		[S6E/S6S]	114457	28	35			114169	24	5.0
FD45D Mitsubishi		[S6E/S6S]	114457	28	35			114169	24	5.0
FD50C Mitsubishi		[S6E/S6S]	114457	28	35			114169	24	5.0
FD50D Mitsubishi		[S6E/S6S]	114457	28	35			114169	24	5.0
FDC20			113212	28	20					
FDC25			113212	28	20					
FG10							01.77- 01.79	110292	12	1.1
							01.90-	110572	12	1.2
FG18 1.4							01.90-	110572	12	1.2
FG20		01.80- 12.87	110448	28	20		01.90- 01.93	111108	12	1.2
		01.80- 12.87	111495	14	40		01.80- 12.87	113668	12	1.2
		01.80- 12.87	111042	14	35		01.80- 12.87	110292	12	1.1
		01.80- 12.87	110138	14	40		01.86- 12.87	110572	12	1.2
		01.80- 12.87	110802	14	75		01.90-	111272	12	2.2
FG25		01.80- 12.87	110448	28	20		01.80- 12.87	113668	12	1.2
		01.80- 12.87	110318	14	50		01.80- 12.87	110292	12	1.1
		01.80- 12.87	110802	14	75		01.80- 12.87	110182	12	0.9
		01.80- 12.87	111042	14	35		01.86- 12.87	110572	12	1.2
		01.80- 12.87	111495	14	40					
FG30 2.4		01.80- 12.87	110318	14	50		01.80- 12.87	110292	12	1.1
		01.80- 12.87	110802	14	75		01.86- 12.87	110572	12	1.2
		01.80- 12.87	111042	14	35					
		01.80- 12.87	110448	28	20					
		01.80- 12.87	111495	14	40					
Various Models		01.83-	110448	28	20			112323	24	5.0
		01.83-	113212	28	20			113668	12	1.2
								112185	12	1.2
								111272	12	2.2
								111108	12	1.2
								113195	24	3.2
								110182	12	0.9
							01.88- 01.01	112178	12	1.6
MARINE										
Various Models			114079	14	40			110947	12	2.0
			111832	14	40			114393	24	7.5
MOTORS										
Engine		[6D22.]					01.87-	112342	24	5.5
							01.87- 01.99	113746	24	5.5
Various Models			111832	14	40					
Various Models								113141	12	0.8
MISCELLANEOUS										
Mini Loader								110947	12	2.0
Morris										
PASSENGER CARS EU										
Ital 1.3		07.80- 03.84	110178	14	36		07.80- 03.84	111103	12	0.8
Ital 1.7		07.80- 03.84	110178	14	36					
Ital 2.0		07.80- 03.84	111289	14	70					
Marina 1.3		04.70- 10.80	110178	14	36		04.70- 10.80	111103	12	0.8
Marina 1.3 1300		10.75- 10.80	110178	14	36		10.75- 10.80	111103	12	0.8
Marina 1.7		11.78- 06.80	110178	14	36					
Marina 1.8		04.71- 12.79	110178	14	36					
Marina 1.8 1800		04.71- 10.75	110178	14	36					
		03.75- 10.78	111185	14	43	A47				
Marina 1.8 1800 GT		03.75- 10.78	111185	14	43	A47				
Marina 1.8 TC		04.71- 12.75	110178	14	36					
Mosa										
INDUSTRY										
Various Models							07.92-	112172	12	1.6
							01.86-	112034	12	1.7
							04.92-	112497	12	1.4
Moto Guzzi										
MOTOR BIKES										
Various Models								113974	12	1.1
Multicar										
PASSENGER CARS EU										
Various Models						M26, Iveco Engine		111693	12	2.5
TRUCKS EU										
M26 2.8 EcoLine ProfiLine		[8140.43R]					01.03-	115505	12	2.3 A49
M26 2.8 TransLine		[8140.43R]					01.03-	115505	12	2.3 A49

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

<b>Mustang</b>									
<b>INDUSTRY</b>									
2066	[4TNV98T]							114874	12 3.0
2076	[4TNV98T]							114874	12 3.0
2086	[4TNV98T]							114874	12 3.0
V2700	[4TNV98T]							114874	12 3.0
<b>Neoplan</b>									
<b>TRUCKS EU</b>									
N 2216 10.5	[D2066LOH04]	06.06- 06.06-	114528* 115496	28 120 28 120 A49					
N 2216 SHD 12.0	[D2866LOH34]	11.03- 11.03-	111842 113289	28 140 28 90		11.03- 11.03-	110210 110206	24 6.6 24 5.4	
N 2216 SHD 12.8	[D2876LOH03]	01.03- 11.03-	111842 113289	28 140 28 90		11.03- 11.03-	110206 110210	24 5.4 24 6.6	
N 2216 SHDL 12.0	[D2866LOH34]	11.03- 11.03-	111842 113289	28 140 28 90		11.03- 11.03-	110210 110206	24 6.6 24 5.4	
N 2216 SHDL 12.8	[D2876LOH03]	11.03- 11.03-	111842 113289	28 140 28 90		11.03- 11.03-	110210 110206	24 6.6 24 5.4	
<b>New Holland</b>									
<b>AGRICULTURE</b>									
840		02.01-	113898	14 185					
1020			115342	14 40					
1320	[3-77]	01.87- 01.98	113562	14 40		01.87- 01.98	112177	12 1.7	
1520	[3-81]	01.87- 01.97	113562	14 40		01.87- 01.97	112177	12 1.7	
1530	[3-81]	01.96- 01.98	113562	14 40		01.96- 01.98	112177	12 1.7	
1620	[3-81]	01.91- 01.97	113562	14 40		01.76- 01.79	112177	12 1.7	
1630	[3-81]	01.96- 01.98	113562	14 40		01.97- 01.99	112177	12 1.7	
1715	[3-81]	01.87- 01.97	113562	14 40		01.93- 01.97	112177	12 1.7	
1720	[3-81]	01.87- 01.02	113562	14 40		01.87- 01.02	112177	12 1.7	
1725	[3-81]	01.96- 01.98	113562	14 40		01.96- 01.98	112177	12 1.7	
1920	[4-122]	01.87- 01.02	113562	14 40					
1925	[3-91]	01.96- 01.98	113562	14 40		01.96- 01.98	112177	12 1.7	
2100	[Caterpillar 3406]					01.85- 01.85- 01.90	110462 112089	12 2.8 12	
2110 4-138	[Shibaura Diesel]						110462	12 2.8	
2115	[Caterpillar 3406]					01.87- 01.87- 01.96	110462 112089	12 2.8 12	
2120	[4-138]	01.87- 01.02	113562	14 40		01.87-	110462	12 2.8	
3415	[4-135]	01.93- 01.02	113562	14 40		01.93-	110462	12 2.8	
4635	[Ford]	09.95- 12.98	111739	14 55		09.95- 12.98	110462	12 2.8	
		Ford 09.95- 12.98	111363	14 45					
4835	[Ford]					09.95- 12.98	110462	12 2.8	
5635	[Ford]					09.95- 12.98	110462	12 2.8	
5640 4.4		11.91- 01.98	112718	14 100		11.91- 01.98	110462	12 2.8	
6635	[Ford]	09.95- 12.98	111355	14 65					
6640 5.0		11.91- 01.98	112718	14 100		11.91- 01.98	110462	12 2.8	
7635	[Ford]	09.95- 12.98	111355	14 65		09.95- 12.98	110462	12 2.8	
7740 5.0		11.91- 01.98	112718	14 100		11.91- 01.98	110462	12 2.8	
7840 6.6		11.91- 12.98	112718	14 100		11.91- 12.98	110462	12 2.8	
8080	[M10Y]					01.79- 01.85	110539	12 3.6	
8160		09.95-	113529	14 120		09.95-	113968	12 3.6	
8240 7.5		11.91- 12.96	112718	14 100		11.91- 12.96	110462	12 2.8	
8260		09.95-	113529	14 120		09.95-	113968	12 3.6	
8340 7.5		11.91- 07.98	112718	14 100		11.91- 07.98	110462	12 2.8	
8360		09.95-	113529	14 120		09.95-	113968	12 3.6	
8430 5.9	[8065.25..]					04.94-	110522	12 3.0	
8560		09.95-	113529	14 120		09.95-	113968	12 3.6	
8630 8.1	[8365.25..]					04.94-	110522	12 3.0	
8830 8.1	[8365.25..]					04.94-	110522	12 3.0	
9030		01.90- 01.97	111713	14 105					
9282		01.96- 12.97	112996	14 115					
9482		01.96- 12.97	112996	14 115					
9682		01.96- 12.97	112996	14 115					
9882		01.96- 12.97	112996	14 115					
8000 Series	[Ford]	01.85- 09.95- 12.01 09.95-	113574 112718 113529	14 65 14 100 14 120					
M SERIES			110178	14 36		09.95-	112074	12 3.1	
		09.95-	113529	14 120					
		09.95-	112718	14 100					
NH 95	[M8Y]					01.96-	112074	12 3.1	
T1010			115342	14 40					
T1030			115342	14 40					
T1110			115342	14 40					
TC Various Models			113562	14 40			112177	12 1.7	
			114759	14 40					
TG210 8.3			113999	14 150 IS					
			112773	14 135					
TG230 8.3			113999	14 150 IS					
			112773	14 135					
TG255 8.3			113999	14 150 IS					
			112773	14 135					
TG285 8.3			112773	14 135					
			113999	14 150 IS					
TJ275 8.3			113999	14 150 IS					
			112773	14 135					
TJ325 8.9			113999	14 150 IS					
			112773	14 135					





TJ375 15.0			113999	14	150 IS				
			112773	14	135				
TJ425 15.0			113999	14	150 IS				
			112773	14	135				
TJ450 15.0			113999	14	150 IS				
			112773	14	135				
TJ500 15.0			113999	14	150 IS				
			112773	14	135				
TL Series		10.98-	114669	14	65	09.97-	113182	12	3.0
		10.98-	114384	14	85				
TM SERIES		11.99-	113529	14	120				
TS 115		07.03-	112718	14	100				
TV 140		01.98-	112718	14	100				
TX34							113125	12	
Various Models			113621	14	115		114021	12	3.0
							114050	12	4.2
							114196	24	4.0
							114399	12	2.7
<b>INDUSTRY</b>									
E18 Excavator							114696	12	1.2
E27B Excavator	[3TNV82A]					01.05-	114281	12	1.7
E30B Excavator						01.05-	114281	12	1.7
E35B Excavator	[3TNV88]					01.08-	114281	12	1.7
EC130	[4BT3.9]	01.00- 01.01	111647	28	60				
		01.00- 01.01	112160	28	75				
EC160	[4BT3.9]	01.00- 01.01	111647	28	60				
		01.00- 01.01	112160	28	75				
EC215	[6BTA5.9]	01.00-	111647	28	60				
		01.00-	112160	28	75				
G4010	[Kohler]						113854	12	
G4020	[Kohler]						113854	12	
L140 1.5	[N843]		113562	14	40				
L150 1.5	[N843]		113562	14	40				
L160 2.0	[N844]		113562	14	40				
L170 5.0	[N844]		113562	14	40				
L250	[Onan]					01.84- 01.99	113141	12	0.8
	[Onan B43G]					01.84- 01.99	113015	12	
L464	[Ford VSG]					01.94- 01.97	113696	12	2.0
L465	[Ford VSG]					01.94- 01.97	113696	12	2.0
L465	[Ford Engine]	01.94- 01.99	113562	14	40				
L565	[N844]	01.94- 01.99	113562	14	40				
L60 2.9	[Fiat]					09.95- 12.98	113182	12	3.0
L65 3.6	[Fiat]	09.95- 12.98	114669	14	65	09.95- 12.98	113182	12	3.0
L75 3.9	[Fiat]	09.95- 12.98	114669	14	65	09.95- 12.98	113182	12	3.0
L85 3.9	[Fiat]	09.95- 12.98	114669	14	65	09.84- 12.94	112268	12	2.8
						09.95- 12.98	113182	12	3.0
L95 3.9	[Fiat]	09.95- 12.98	114669	14	65	09.95- 12.98	113182	12	3.0
LS140	[N843]		113562	14	40				
LS150	[N843]		113562	14	40				
LS160	[N844]		113562	14	40				
LS170	[N844]		113562	14	40				
LX465	[N843]	01.94- 01.99	113562	14	40				
LX485	[N843]	01.94- 01.99	113562	14	40				
LX565	[N844]	01.94- 01.99	113562	14	40	01.94- 01.97	113696	12	2.0
LX665	[N844]	01.94- 01.99	113562	14	40	01.94- 01.97	113696	12	2.0
Various Models			113497	28	35	01.05-	114224	12	2.7
			114759	14	40		114021	12	3.0
							114281	12	1.7
							114196	24	4.0
Zero Turn Mower	[Kohler]						114075	12	
<b>Nissan</b>									
<b>PASSENGER CARS EU</b>									
100 NX 1.6	(B13)[GA16DE]	10.92-	110631	14	70	AT 10.92-	111459	12	1.2
	[GA16DS]	10.90- 10.92	110631	14	70	10.92-	111312	12	0.8
						AT 10.90-	111459	12	1.2
						10.90- 10.92	111312	12	0.8
100 NX 2.0 GTi	(B13)[SR20DE]	10.90- 10.95	111264	14	80	10.90- 10.95	111608	12	1.4
200SX 1.8 Turbo	(S13)[CA18DET]					07.88- 11.93	111562	12	1.4
200SX 2.0 i Turbo 16V	(S14)[SR20DET]					04.94- 12.99	111549	12	1.4
280 ZX 2.8	(HGS130)[L28E]	10.78- 06.83	110458	14	60				
	(HGS133)[L28E]	02.80- 09.82	110458	14	60				
300 ZX 3.0	(Z31)[VG30E]	01.84- 12.87	112970	14	70				
300 ZX 3.0 Turbo	(Z31)[VG30ET]	05.87- 10.90	112970	14	70				
Almera 1.4	(N15)[GA14DE]	07.95-	111704	14	70	07.95-	111312	12	0.8
						01.99-	113139	12	1.2
Almera 1.5	(N16)[QG15DE]	07.00-	113317	14	80	07.00- 03.03	113267	12	0.7
	[QG15DE]	03.00-	113317	14	80	03.00- 03.03	113267	12	0.7
Almera 1.5 DCI	(N16)[K9K]	01.03- 11.06	113940	14	110 A47	01.03-	113927	12	1.1
		01.03- 11.06	114799	14	110 A46				
	[K9K722]	01.03- 11.06	113940	14	110 A47	01.03-	113927	12	1.1
		01.03- 11.06	114799	14	110 A46				
Almera 1.6	(N15)[GA16DE]	07.95-	111704	14	70	01.99-	113139	12	1.2
						07.95-	111312	12	0.8
Almera 1.6 SLX	(N15)[GA16DE]	07.95-	111704	14	70	01.99-	113139	12	1.2
						07.95-	111312	12	0.8
Almera 1.8	(N16)[QG18DE]	03.01-	113317	14	80	01.00- 03.03	113267	12	0.7
	[QG18DE]	02.99-	113317	14	80	03.00- 03.03	113267	12	0.7
Almera 2.0 GTi	(N15)[SR20DE]	07.96-	111726	14	80				
		01.99- 03.00	113439	14	90				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**NISSAN** *Continued*

Almera 2.0 Diesel	(N15)[CD20]	07.95- 04.96	111294	14 70	07.95-	110575	12 2.0
		11.95- 07.00	113788	14 80			
Almera 2.2 DCi	(N16)[YD22DDT]	09.03-	113440	14 100	02.03-	113323	12 1.7
					02.03-	113319	12 2.2
	(N16E)[YD22DDT]	09.03-	113440	14 100	02.03-	113319	12 2.2
					02.03-	113323	12 1.7
Almera 2.2 Diesel Di	(N16)[YD22DDT]	07.00-	113324	14 90	07.00-	113319	12 2.2
		07.00-	113440	14 100			
	(N16E)[YD22DDT]	03.00-	113440	14 100	03.00-	113319	12 2.2
Almera Tino 1.8	(V10)[QG18DE]				05.00-	111459	12 1.2
					05.00- 03.04	113267	12 0.7
Almera Tino 1.8 i	(V10M)[QG18DE]	08.00-	113317	14 80	04.00- 03.01	113267	12 0.7
Almera Tino 2.0 i	(V10M)[SR20DE]	05.00-	113439	14 90			
Almera Tino 2.2 DCi	(V10)[YD22DDT]	09.03-	113440	14 100	6SP 07.04-	113323	12 1.7
Almera Tino 2.2 Diesel Di	(V10)[YD22DDT]	08.00-	113440	14 100	08.00-	113319	12 2.2
Altima 2.5	[QR25DE]				08.01- 09.06	114329	12 1.6
Bluebird 1.6	(910)[L16]				01.80- 11.83	110144	12 1.0
	(T12)[CA16S]	03.86- 06.90	110630#	14 70			
	[CA16]	03.86- 06.91	110968	14 70			
		03.86- 06.91	111355	14 65 ▲			
Bluebird 1.8	(910)[L18S]	01.80- 05.84	110168	14 50	01.80- 05.84	110144	12 1.0
		01.80- 05.84	110307	14 60			
		01.80- 12.83	110458	14 60			
	[L18T]	01.80- 05.84	110168	14 50	01.80- 05.84	110144	12 1.0
		01.80- 05.84	110307	14 60			
		01.80- 05.84	110458	14 60			
	(W910)[L18S]	01.80- 05.84	110168	14 50	01.80- 05.84	110144	12 1.0
		01.80- 05.84	110307	14 60			
		01.80- 05.84	110458	14 60			
	[L18]				01.79- 11.79	110144	12 1.0
Bluebird 1.8 i 16V	(T72)[CA18D]	02.89- 12.90	110630#	14 70			
Bluebird 2.0	(T12)[CA20S]	12.85- 12.87	110630#	14 70			
	(WU11)[CA20E]	04.84- 12.90	110630#	14 70			
	[CA20S]	04.86- 12.87	110630#	14 70			
Bluebird 2.0 i	(910)[Z20E]	01.82- 05.84	110168	14 50			
		01.82- 05.84	110307	14 60			
		01.82- 05.84	110458	14 60			
	(T12, T72)[CA20E]	09.88- 09.90	110630#	14 70			
	(T12, T72)[CA20E]	12.85- 12.90	110630#	14 70			
	(WU11)[CA20E]	09.88- 09.90	110630#	14 70			
Cabstar 2.5 Diesel	(F23, H41, H42)[TD25]	01.92- 12.00	110701	14 50	01.92- 12.00	110574	12 2.0
Cherry 1.0	(E10)[A10]				09.70- 09.78	110279	12 0.8
					08.78- 07.81	110279	12 0.8
	(N10)[A10]						
	[A10S]	08.78- 07.81	110307	14 60			
		03.79- 07.81	110128	14 35			
		03.79- 08.81	110129	14 50			
		08.81- 06.82	110168	14 50			
	(N12)[E10]	05.82- 05.86	110168	14 50	05.82- 05.86	110279	12 0.8
		05.82- 05.86	110264	14 40			
Cherry 1.2	(N10)[A12]	01.70- 07.81	110128	14 35			
		01.70- 07.81	110129	14 50			
		08.78- 07.81	110307	14 60			
	(VN10)[A12]	10.78- 05.82	110128	14 35	07.81- 05.82	110279	12 0.8
		10.78- 05.82	110129	14 50			
		10.78- 07.81	110307	14 60			
Cherry 1.3	(N10)[E13]	08.81- 09.82	110307	14 60	09.81- 09.82	110279	12 0.8
		09.81- 08.86	110168	14 50			
	(N12)[E13]	05.82- 10.86	110168	14 50	05.82- 10.86	110279	12 0.8
		05.82- 10.86	110264	14 40			
		05.82- 10.86	110307	14 60			
	(VN10)[E13]	09.81- 12.83	110168	14 50	09.81- 12.83	110279	12 0.8
		09.81- 08.86	110307	14 60			
Cherry 1.4	(N10)[A14S]	10.79- 07.81	110129	14 50			
		08.80- 07.81	110307	14 60			
		08.81- 03.82	110168	14 50			
	(VN10)[A14S]	10.79- 07.81	110129	14 50			
		07.81- 04.82	110168	14 50			
Cherry 1.4 i.e.	(N10)[A14S]	10.79- 07.81	110129	14 50			
		08.80- 07.81	110307	14 60			
		07.81- 04.82	110168	14 50			
Cherry 1.5	(N10)[E15]	01.79- 12.82	110168	14 50	01.79- 12.82	110279	12 0.8
	(N12)[E15S]	11.83- 10.86	110168	14 50	11.83- 10.86	110279	12 0.8
		11.83- 10.86	110264	14 40			
		11.83- 10.86	110307	14 60			
Cherry 1.5 Turbo	(N12)[E15ET]	01.83- 12.85	110307	14 60			
		01.83- 12.85	110458	14 60			
Cube 1.5 DCi	(Z12)[K9K]	03.10-	114354	14 150			
Datsun 140 J 1.4	[A14]				01.73- 05.77	110144	12 1.0
Datsun 160 J 1.6	[L16S]				01.73- 12.79	110144	12 1.0
	[L16T]				01.78- 02.82	110144	12 1.0
Datsun 160 J 1.6 i.e.	[L16]				01.78- 02.82	110144	12 1.0
Interstar 1.9 DCi	[F9Q772]	07.02-	113248	14 120			
		AC 07.02-	112471	14 125	07.02-	112474	12 1.8
Interstar 2.2 DCi	[G9T722]	07.02-	112471	14 125	07.02-	112475	12 2.1
		07.02-	113245	14 125			
		07.02-	113248	14 120			
		07.02-	113837	14 150			
Interstar 2.5 DCi	(X70)[G9U632]	09.06-	113837	14 150			
		09.06-	114700	14 150			



	[G9U650]	09.06-09.06-	113837	14 150				
	[G9U720]	07.02-07.02-11.03-	113245	14 125	07.02-	112475	12 2.1	
	[G9U720]	07.02-07.02-07.02-	113837	14 150				
	[G9U720]	07.02-07.02-07.02-	113248	14 120				
	[G9U720]	07.02-07.02-07.02-	112471	14 125	07.02- 11.03-	112475	12 2.1	
	[G9U720]	07.02-07.02-07.02-	113245	14 125				
	[G9U720]	07.02-07.02-07.02-	113837	14 150				
Interstar 2.5 DCi 100	[G9U720]	11.03-11.03-11.03-11.03-	112471	14 125	11.03-	112475	12 2.1	
	[G9U650]	08.06-08.06-	113245	14 125				
	[G9U650]	08.06-08.06-	114700	14 150				
Interstar 2.5 DCi 120	[G9U650]	08.06-08.06-	113837	14 150				
	[G9U632]	08.06-08.06-	114700	14 150				
Interstar 2.5 DCi 150	[G9U632]	08.06-08.06-	113837	14 150				
	[ZD30]	11.03-	114700	14 150				
Interstar 3.0 DCi 140	[ZD30]	11.03-	113993	14 135	11.03-	114032	12 2.5	
Juke 1.5 DCi	[K9K...]	06.10-	114354	14 150				
King Cab 1.6	(FG21)[Z16]	01.89-	110168	14 50				
King Cab 2.0	(D21)[Z20]	09.85- 02.98	110168	14 50				
	(D21)[Z20]	09.85- 02.98	110307	14 60				
	(FG21)[Z20]	01.89-	110168	14 50				
King Cab 2.2 Diesel	(720)[SD22]	12.81- 08.85	110694	14 40				
King Cab 2.3 Diesel	(720)[SD23]	01.83- 05.85	110694	14 40	01.83- 05.85	110386	12 1.9	
	(D21)[SD23]	06.85- 08.87	110707	14 60	06.85- 08.87	110719	12 2.0	
King Cab 2.4 Diesel	(D21)[Z24]	09.85- 04.92	110168	14 50				
	(D21)[Z24]	09.85- 04.92	110307	14 60				
King Cab 2.4 i 12V	(D21)[KA24E]				04.92-	111485	12 1.2	
King Cab 2.4 i 12V 4WD	(D21)[KA24E]				04.92-	111485	12 1.2	
King Cab 2.4 i 4WD	(D21)[Z24i]	03.86- 04.92	110307	14 60				
	(D21)[Z24i]	04.92-	111980	14 70				
King Cab 2.7 TD 4WD	(D21)[TD27]	08.87-08.87- 02.98	110700	14 50	08.87- 02.98	110574	12 2.0	
	(D21)[TD27]	08.87- 02.98	113383	14 60				
King Cab 3.0 i V6 4WD	(D21)[VG30E]	09.90- 02.98	111266	14 70	09.90- 02.98	111763	12 1.2	
King Van 2.0	(E24)[Z20]	11.86- 01.95	110264	14 40	11.86- 10.88	110277	12 0.8	
	(E24)[Z20]	02.87- 03.89	110307	14 60				
	(E24)[Z20]	12.88- 10.93	110168	14 50				
King Van 2.3 Diesel	(E24)[TD23]	11.86- 03.89	110701	14 50				
	(E24)[TD23]	02.87- 12.88	112093	14 70				
King Van 2.4 i	(E24)[Z24i]	01.93- 11.95	111953#	14 70				
King Van 2.5 TD	(E24)[TD25]	12.88- 07.94	110701	14 50	12.88- 07.94	111805	12 2.5	
	(E24)[TD25]	12.88- 07.94	112093	14 70				
King Vanette 1.5	(GC22)[A15S]	09.86- 07.95	110168	14 50	09.86- 07.95	110142	12 1.0	
	(GC22)[A15S]	09.86- 07.95	110307	14 60				
King Vanette 2.0	(GC22)[Z20S]	09.86-09.86-	110168	14 50	03.88- 05.90	110277	12 0.8	
	(GC22)[Z20S]	09.86-	110307	14 60				
Kubistar 1.1 X76	(FC0F, FC1A)[D7F764]	08.03-	113403	14 75	08.03-	111641	12 0.7	
Kubistar 1.1 16V X76	[D4F712]	04.06-	113403	14 75	04.06-	114095	12 0.85	
Kubistar 1.5 DCi X76	(FC07)[K9K700]	08.03-08.03-08.05-	113248	14 120	08.03-08.05-	113927	12 1.1	
	(FC07)[K9K700]	08.03-08.03-08.05-	114673	14 120	08.03-08.05-	113897	12 1.4	
	(FC07)[K9K700]	08.03-08.03-08.05-	113862	14 125	08.03-08.05-	113862	14 125	
	[K9K704]	08.03-08.03-08.05-	113248	14 120	08.03-08.05-	113897	12 1.4	
	[K9K704]	08.03-08.03-08.05-	114673	14 120	08.03-08.05-	113927	12 1.1	
	[K9K704]	08.03-08.03-08.05-	113862	14 125	08.03-08.05-	113862	14 125	
	[K9K714]	08.03-08.03-08.05-	113248	14 120	08.03-08.05-	113897	12 1.4	
	[K9K714]	08.03-08.03-08.05-	114673	14 120	08.03-08.05-	113927	12 1.1	
	[K9K714]	08.03-08.03-08.05-	113862	14 125	08.03-08.05-	113862	14 125	
	[K9K716]	08.03-08.03-08.05-	113248	14 120	08.03-08.05-	113927	12 1.1	
	[K9K716]	08.03-08.03-08.05-	114673	14 120	08.03-08.05-	113897	12 1.4	
	[K9K716]	08.03-08.03-08.05-	113862	14 125	08.03-08.05-	113862	14 125	
	[K9K716]	08.03-08.03-08.05-	112457	14 110	08.03-08.05-	112457	14 110	
	(FC08)[K9K702]	08.03-08.03-08.05-	113248	14 120	08.03-08.05-	113897	12 1.4	
	(FC08)[K9K702]	08.03-08.03-08.05-	114673	14 120	08.03-08.05-	113927	12 1.1	
	(FC08)[K9K702]	08.03-08.03-08.05-	113862	14 125	08.03-08.05-	113862	14 125	
	[K9K710]	08.03-08.03-08.05-	113248	14 120	08.03-08.05-	113927	12 1.1	
	[K9K710]	08.03-08.03-08.05-	114673	14 120	08.03-08.05-	113897	12 1.4	
	[K9K710]	08.03-08.03-08.05-	113862	14 125	08.03-08.05-	113862	14 125	
	[K9K718]	08.03-08.03-08.05-	113248	14 120	08.03-08.05-	113927	12 1.1	
	[K9K718]	08.03-08.03-08.05-	114673	14 120	08.03-08.05-	113897	12 1.4	
	[K9K718]	08.03-08.03-08.05-	113862	14 125	08.03-08.05-	113862	14 125	
	[K9K722]	08.03-08.03-08.05-	113248	14 120	08.03-08.05-	113927	12 1.1	
	[K9K722]	08.03-08.03-08.05-	114673	14 120	08.03-08.05-	113897	12 1.4	
	[K9K722]	08.03-08.03-08.05-	113862	14 125	08.03-08.05-	113862	14 125	
	(FC09)[K9K]	08.03-	114673	14 120	08.03-	113927	12 1.1	
	[K9K710]	08.05-08.05-08.05-	112457	14 110	08.05-08.05-	113927	12 1.1	
	[K9K710]	08.05-08.05-08.05-	113863	14 90				
	[K9K710]	08.05-08.05-08.05-	114673	14 120				
Kubistar 1.6 16V X76	[K4M752]	08.03-08.03-	112144	14 98	08.03-	113932	12 0.85	
	[K4M752]	08.03-08.03-	112199	14 75				
Laurel 2.0	(C230)[L20A]	01.72- 05.80	110129	14 50	03.77- 05.83	110277	12 0.8	
	(C230)[L20A]	03.77- 03.85	110458	14 60				
	(C31)[L20A]	01.81-01.81- 01.84	110330	14 60	01.81- 01.84	110277	12 0.8	
	(C31)[L20A]	01.81- 01.84	110458	14 60	01.81- 01.84	110144	12 1.0	
Laurel 2.4	(C230)[L24]	12.77- 05.80	110129	14 50	12.77- 05.83	110277	12 0.8	
	(C230)[L24]	12.77- 05.83	110458	14 60				
	(C31)[L24]	01.81- 12.85	110458	14 60	01.81- 12.85	110277	12 0.8	
	(C31)[L24]	01.81- 12.85	110703	14 55				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

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	(C32)[L24E]	01.85- 12.87	110458	14 60	A13 01.85- 12.87	110280	12 1.2
	[L24S]	01.85- 12.87	110458	14 60	01.85- 12.87	110277	12 0.8
					01.85- 12.87	110277	12 0.8
					A13 01.85- 12.87	110280	12 1.2
Laurel 2.8 Diesel	(C32)[RD28]				02.87- 12.89	111445	12 2.0
Laurel 3.0	(C32)[VG30S]	11.84-	112970	14 70			
Laurel 3.0 i	(C32)[VG30E]	03.86-	112970	14 70			
Maxima 2.0	(A32)[VQ20DE]	10.94-	111957		10.94-	111382	12 1.4
		AC 10.94-	111381	14 110			
Maxima 3.0 i	(J30)[VG30E]				12.88- 06.94	111023	12 1.4
Maxima QX 2.0	(A32)[VQ20DE]	02.95-	111957		02.95-	111382	12 1.4
		AC 02.95-	111381	14 110			
Maxima QX 2.0 V6 24V	(A33)[VQ20DE]	03.00-	111957		03.00-	111382	12 1.4
Maxima QX 2.5 V6 24V	(A33)[VQ25DE]				03.00-	111492	12 1.4
Maxima QX 3.0	(A32)[VQ30DE]	10.94- 08.02	111957		10.94- 12.96	111382	12 1.4
		AC 10.94- 12.96	111381	14 110			
Maxima QX 3.0 V6 24V	(A33)[VQ30DE]	03.00- 08.02	111957		03.00-	111382	12 1.4
Micra 1.0	(K10)[MA10S]	12.82- 12.89	110168	14 50	12.82- 12.89	110279	12 0.8
		12.82- 05.89	110264	14 40	AT 12.82- 12.89	111728	12 1.4
		12.82- 12.89	110307	14 60			
	[MA10S]	12.82- 11.88	110264	14 40	12.82- 07.92	110279	12 0.8
					AT 12.82- 07.92	111728	12 1.4
Micra 1.0 16V	(K12)[CG10DE]	01.03- 06.10	114877	14 80	01.03-	114199	12 0.7
Micra 1.0 i 16V	(K11)[CG10DE]	09.00- 02.03	113697	14 65	AT 09.00- 02.03	114199	12 0.7
		08.92- 05.96	111280	14 65	08.92- 10.02	113644	12 1.2
					AT 08.92-	111866	
					08.92-	110279	12 0.8
Micra 1.2	(K10)[MA12S]				AT 07.86- 07.92	111728	12 1.4
					07.86- 07.92	110279	12 0.8
Micra 1.2 16V	(K12)[CR12DE]	01.03- 06.10	114877	14 80	A34 01.03-	114199	12 0.7
		05.06-	114293	14 80			
Micra 1.3 i 16V	(K11E)[CG13DE]	08.92- 05.96	111280	14 65	AT 08.92-	111866	
					08.92-	110279	12 0.8
					08.92- 09.00	113644	12 1.2
Micra 1.4 16V	(K12)[CR14DE]	05.06-	114293	14 80			
	(K12E)[CR14DE]	05.06-	114293	14 80	08.05-	114199	12 0.7
Micra 1.4 i 16V	(K11)[CGA3DE]	09.00- 02.03	113697	14 65	07.00- 10.02	113644	12 1.2
					AT 09.00- 02.03	114199	12 0.7
Micra 1.5 DCi	(K12)[K9K]	01.03-	113940	14 110 A47	01.03-	113897	12 1.4
		01.03-	114354	14 150			
		01.03-	114673	14 120			
		01.03- 06.10	114799	14 110 A46			
	[K9K704]	01.03- 06.10	113940	14 110 A47	01.03- 09.07	113927	12 1.1
		01.03- 09.07	114673	14 120			
		01.03- 06.10	114799	14 110 A46			
	[K9K722]	09.03-	113940	14 110 A47	09.03-	113927	12 1.1
		09.03-	114673	14 120			
		09.03- 06.10	114799	14 110 A46			
Micra 1.5 Diesel	(K11)[TD15]				02.98- 10.02	111029	12 1.4
Micra 1.6 160 SR	(K12)[HR16DE]				05.05-	115361*	12 1.0
	[HR16DE]				08.05-	115361*	12 1.0
Murano 3.5 4WD	[VQ35DE]	08.03-	111381	14 110			
Navara 2.5 DCi	(D40)[YD25DDTi]	07.05-	114244	14 130	07.05-	114232	12 2.0
		07.05-	114803	14 150			
Navara 2.5 DCi 4WD	(D40)[YD25DDTi]	10.06-	114244	14 130	10.06-	114232	12 2.0
		10.06-	114803	14 150			
	[YD25DDTi]	07.05-	114244	14 130	07.05-	114232	12 2.0
		07.05-	114803	14 150			
Note 1.4	(E11)[CR14DE]	05.06-	114293	14 80	03.06-	114199	12 0.7
Note 1.5 DCi	(E11)[K9K]				09.10-	113897	12 1.4
	[K9K292]	07.08-	114354	14 150			
	[K9K276]	03.06-	114354	14 150	03.06-	113798	
	[K9K700]	03.06-	114354	14 150	03.06-	113897	12 1.4
Note 1.6	[HR16DE]				03.06-	115361*	12 1.0
NV 200 1.5 DCi		04.11-	113940	14 110 A47	04.11-	113897	12 1.4
		04.11-	114799	14 110 A46			
NV 200 Evalia 1.5 DCi		04.11-	113940	14 110 A47	04.11-	113897	12 1.4
		04.11-	114799	14 110 A46			
NV 400 2.3 DCi	(X62)[M9T670]				11.11-	114074	12 2.2
	[M9T672]				11.11-	114074	12 2.2
	[M9T676]				11.11-	114074	12 2.2
	[M9T670]				11.11-	114074	12 2.2
	[M9T672]				11.11-	114074	12 2.2
	[M9T676]				11.11-	114074	12 2.2
	[M9T678]				11.11-	114074	12 2.2
	[M9T680]				11.11-	114074	12 2.2
	[M9T686]				11.11-	114074	12 2.2
	[M9T690]				11.11-	114074	12 2.2
	[M9T692]				11.11-	114074	12 2.2
	[M9T694]				11.11-	114074	12 2.2
	[M9T696]				11.11-	114074	12 2.2
	[M9T698]				11.11-	114074	12 2.2
NV200 1.5 DCi	(M20)[K9K]	02.10-	114354	14 150			
		02.10-	114354	14 150			
Pathfinder 2.4 4x4		01.87- 12.88	112967#	14 50			
Pathfinder 2.5 DCi 4WD	(R51)[YD25DDTi]	03.05-	114244	14 130	03.05-	114232	12 2.0
		03.05-	114803	14 150			
Pathfinder 2.7 TD 4WD	[TD27ETi]				09.97- 12.04	110574	12 2.0



Pathfinder 3.3 V6 4WD	[VG33E]	09.97-	113374	14	90						
		09.97-	113375#	14	90						
		09.97-	113424								
Pathfinder 3.5 V6 4WD	[VQ35]	01.01- 12.02	113373	14	100						
		01.01- 01.02	113420	14	110						
Patrol 2.8	(160)[L28] (260)[L28]	07.80- 08.88	110458	14	60	07.80- 08.88	110280	12	1.2		
		05.86- 06.90	110458	14	60	05.86- 06.90	110280	12	1.2		
		05.86- 06.90	111614	28	35						
Patrol 2.8 TD	(260)[RD28T]	04.89- 11.92	112329	14	70	BO	06.89- 11.95	111445	12	2.0	
		09.90- 11.90	111747	14	70	VP	06.89- 11.95	110280	12	1.2	
		12.92- 11.95	112207	14	70	BO, VP					
	(Y60)[RD28T]	09.88- 08.95	111747	14	70	VP	09.88-	111445	12	2.0	
		04.89- 11.92	112329	14	70						
	AC	04.89- 07.91	111747	14	70	VP					
		05.86- 07.91	111747	14	70		05.86- 06.90	111445	12	2.0	
[RD28T]	04.89- 11.92	112329	14	70	BO						
[RD28Ti]	12.92-	112207	14	70	BO						
Patrol 3.0	(260)[RB30S]	06.97-	112359	14	100	06.97-	111445	12	2.0		
Patrol 3.2 Diesel	(W260)[SD33T]	08.88- 06.90	110567	28	25	08.88- 06.90	111558	24	3.5		
		08.88- 06.90	111614	28	35						
Patrol 3.2 TD	(160)[SD33T]	08.88- 06.90	111614	28	35	08.88- 06.90	111558	24	3.5		
		07.83- 08.88	110567	28	25	06.85- 08.88	111558	24	3.5		
Patrol 3.3 Diesel	(160)[SD33]	07.83- 08.88	111614	28	35						
		11.79- 08.88	110567	28	25						
Patrol 4.2 Diesel	(Y60)[TD42]	11.79- 08.88	111614	28	35						
		11.88- 06.97	114370	28	35	11.88- 06.97	113191	24	3.5		
Patrol GR 3.0 DTI	(Y61)[ZD30DDTi]	05.00-	113787	14	90	05.00-	114764	12	2.5		
Pick Up 1.8	(720)[L18]	12.81- 03.86	110168	14	50						
		01.83- 03.86	110307	14	60						
Pick Up 2.0	(D21)[Z20]	04.83- 08.93	110168	14	50						
Pick Up 2.2 4WD	(720)[Z22]	04.83- 03.86	110168	14	50						
		04.83- 03.86	110307	14	60						
		04.83- 03.86	110458	14	60						
Pick Up 2.3 Diesel	(720)[SD23]	01.83- 03.86	110694	14	40	VP	04.83- 08.85	110386	12	1.9	
		(D21)[SD23]	09.85- 08.88	110707	14	60					
Pick Up 2.4 4WD	(D21)[Z24]	09.85- 04.92	110168	14	50						
Pick Up 2.4 i	(D21)[KA24E]	05.94- 02.98	113197#	14	60						
Pick Up 2.4 i 4WD	(D22)[KA24DE]					03.02-	112368	12	1.4		
Pick Up 2.5 Diesel	(D21)[TD25]	08.87- 02.98	111316	14	60	08.87- 02.98	110574	12	2.0		
		(D22)[TD25]	02.98- 11.01	113383	14	60					
Pick Up 2.5 Diesel 4WD	(720)[SD25]	01.83- 03.86	110694	14	40	04.83- 09.85	110386	12	1.9		
		(D21)[SD25]	09.85- 08.91	110707	14	60	09.85- 10.87	110719	12	2.0	
		[TD25]	08.87- 03.96	110700	14	50	10.88- 03.96	110574	12	2.0	
			08.87- 02.98	111316	14	60	10.87- 10.88	111805	12	2.5	
		(D22)[TD25]	02.98-	113383	14	60	02.98-	110574	12	2.0	
Pick Up 2.5 TD	(D22)[YD25DDTi]	03.02-	113324	14	90	▲	03.02-	113964	12	2.2	
Pick Up 2.5 TD 4WD	(D22)[TD25Ti]	01.01-	113324	14	90	05.98-	110574	12	2.0		
		05.98-	113383	14	60						
	[YD25DDTi]					03.02-	111805	12	2.5		
						03.02-	113964	12	2.2		
Pick Up 2.7 Diesel 4WD	(D21)[TD27]					08.87- 01.97	110574	12	2.0		
Prairie 1.5 S	(M10)[E15S]	01.83- 12.87	110168	14	50	01.83- 09.88	110279	12	0.8		
		01.84- 12.87	110307	14	60						
Prairie 1.8	(M10)[CA18S]					07.83- 09.88	110278	12	0.8		
Prairie 2.0 i 4WD	(M11)[CA20E]	10.88- 12.92	110630#	14	70						
Prairie 2.0 i PRO	(M11)[CA20E]	10.88- 04.92	110630#	14	70						
Prairie 2.4 i 4WD	[KA24E]	04.92- 07.94	111264	14	80						
Prairie 2.4 i PRO	(M11)[KA24E]	04.92- 07.94	111264	14	80						
Primastar 1.9 DCi	[F9Q760]	03.01-	113248	14	120	03.01-	112474	12	1.8		
		AC	03.01-	112471	14	125					
		[F9Q762]	03.01-	113248	14	120	07.02-	112474	12	1.8	
	AC	03.01-	112471	14	125						
Primastar 2.0	[F4R720]	03.01- 12.02	113245	14	125	03.01-	114814	12	0.9		
		03.01-	114122	14	150						
		[F4R722]	03.01- 12.02	113245	14	125	03.01-	114814	12	0.9	
	03.01-	114122	14	150							
Primastar 2.0 DCi	(X83)[M9RE7]	09.06-	114509	14	150						
Primastar 2.5 DCi	(X83)[G9U630]	09.06-	113837	14	150	09.06-	112475	12	2.1		
		09.03-	112471	14	125	09.03-	112475	12	2.1		
		09.03-	113245	14	125						
		09.03-	113248	14	120						
	09.06-	113837	14	150							
Primer 1.6	(P10)[GA16DS]	06.90- 06.96	111361	14	67	06.90- 06.96	111303	12	0.8		
						A13 06.90- 06.96	111459	12	1.2		
		(P12)[QG16 DF]	AC	03.02-	113317	14	80	03.02-	113267	12	0.7
		[GA16DE]	06.93- 01.96	111361	14	67	A13 06.93- 01.96	111459	12	1.2	
						06.93- 01.96	111303	12	0.8		
	[GA16DS]	06.90- 06.93	111361	14	67	06.90- 06.93	111303	12	0.8		
Primer 1.6 Visia	(WP12)[QG16DE]	01.02-	113317	14	80	01.02-	111459	12	1.2		
Primer 1.6 16V	(P11)[QG16DE]	09.00-	113317	14	80	09.00- 12.01	113267	12	0.7		
Primer 1.6 i	(W10)[GA16DS]	07.90- 07.94	110631	14	70	07.90- 01.95	111459	12	1.2		
		07.94-	111704	14	70	07.90- 04.93	111303	12	0.8		
Primer 1.8	(P12)[QG18DE]	07.02-	113317	14	80	03.02-	113267	12	0.7		
		AC	03.02-	113317	14	80					
		(WP12)[QG1 8DE]	AC	03.02-	113317	14	80	03.02-	113267	12	0.7
Primer 1.8 16V	(P11)[QG18DE]	08.99-	113317	14	80	A13 08.99-	113267	12	0.7		
Primer 1.9 DCi	(P12)[F9Q]	04.03-	113919	14	125						

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

NISSAN Continued

Primer 2.0	(WP12)[F9Q]	04.03-	113919	14 125				
	(P10)[SR20DE]	06.90- 06.96	111268#	14 80	06.90- 06.96	111608	12 1.4	
	[SR20DI]	06.90- 01.96	111268#	14 80	06.90- 01.96	111608	12 1.4	
	(P12)[QR20DE]	12.01-	113316	14 110				
	(W10)[SR20DI]	07.90- 07.94	111264	14 80	07.90- 07.94	111608	12 1.4	
		07.94- 12.95	111726	14 80				
	(WP12)[QR20DE]	12.01-	113316	14 110				
Primer 2.0 GT	(P10)[SR20DE]	06.90- 01.96	111268#	14 80	06.90- 01.96	111608	12 1.4	
Primer 2.0 16V	(P11)[SR20DE]	06.96- 06.99	111633#	14 80	09.96- 07.02	115407*	12 1.4	
		06.99- 07.02	111726	14 80	09.96- 07.02	111608	12 1.4	
		06.99- 07.02	113439	14 90				
		AC 06.96-	111726	14 80				
	(WP11)[SR20VE]	06.96- 05.99	111726	14 80	06.96- 05.99	115407*	12 1.4	
		06.96- 05.99	113439	14 90				
Primer 2.0 16V 4WD	(P10)[SR20DI]	04.91- 05.93	111268#	14 80	04.91-	111608	12 1.4	
Primer 2.0 i	(P10)[SR20DE]	01.95- 08.96	111268#	14 80	01.95-	111608	12 1.4	
Primer 2.0 Diesel	(P10)[CD20]	01.91- 01.96	111294	14 70	01.91- 01.96	110575	12 2.0	
	(W10)[CD20]	07.90- 12.95	111294	14 70	07.90- 12.95	110575	12 2.0	
	[CD20]	01.91- 01.96	111294	14 70	01.91- 01.96	110575	12 2.0	
Primer 2.0 TD	(P11)[CD20T]	09.96- 07.02	112351	14 90	09.96- 12.01	110575	12 2.0	
Primer 2.2 DCi	(P12)[YD22DDT]	04.03-	114489	14 110	01.03-	113323	12 1.7	
	(WP12)[YD22DDT]	04.03-	114489	14 110	01.03-	113323	12 1.7	
Primer 2.2 Diesel Di	(P12)[YD22DDT]	03.02-	114489	14 110	03.02-	113323	12 1.7	
	(WP12)[YD22DDT]	03.02-	114489	14 110	03.02-	113323	12 1.7	
Qashqai 1.5 DCi	(J10)	07.08-	114354	14 150				
	(J10, JJ10)	11.10-	114354	14 150	11.10-	113897	12 1.4	
	[K9K]	02.07-	114354	14 150				
Qashqai 2.0	(J10, JJ10)[MR20DE]	11.10-	115340	14 120	11.10-	115341	12 1.0	
	[MR20DE]	02.07-	115340	14 120				
Qashqai 2.0 4WD	[MR20DE]	02.07-	115340	14 120				
Qashqai 2.0 4x4	(J10, JJ10)[MR20DE]	11.10-	115340	14 120	11.10-	115341	12 1.0	
Qashqai 2.0 DCi	[M9R]				02.07-	114074	12 2.2	
Qashqai 2.0 DCi 4WD	[M9R]				02.07-	114074	12 2.2	
Sentra 2.5	[QR25DE]				06.02- 08.06	114329	12 1.6	
Serena 1.6 16V	(C23M)[GA16DE]	07.92-	111955	14 80	07.92-	111728	12 1.4	
Serena 2.0 16V	(C23M)[SR20DE]				11.92-	111549	12 1.4	
Serena 2.0 Diesel	(C23M)[LD20]	11.92-	111812	14 90	11.92-	114318	12 2.2	
Serena 2.3 Diesel	(C23M)[LD23]	07.92-	111812	14 90 VP	01.95-	114318	12 2.2	
		01.95-	113786	14 90				
Silvia 1.8 Turbo	(S110)[L18E]				01.79- 05.83	110144	12 1.0	
Silvia 2.0	(S12)[FJ20E]	10.83- 09.88	110307	14 60	04.84- 09.88	110280	12 1.2	
Stanza 1.6	(T11)[CA16S]				08.81- 12.85	110278	12 0.8	
Stanza 1.8	(T11)[CA18]				08.81- 12.85	110278	12 0.8	
	[CA18S]				08.81- 12.85	110278	12 0.8	
Stanza 1.8 SGL	(T11)[CA18S]				03.83- 12.85	110278	12 0.8	
Sunny 1.0	(N13)[E10S]	06.86- 10.88	110693#	14 60	06.86- 10.88	110279	12 0.8	
Sunny 1.3	(B11)[E13]	03.82- 08.90	110168	14 50	03.82- 09.87	110279	12 0.8	
		03.82- 08.90	110307	14 60				
		05.83- 05.88	110264	14 40				
	(N13)[E13S]	06.86- 10.91	110307	14 60	06.86- 10.91	110279	12 0.8	
		06.86- 10.91	110693#	14 60				
Sunny 1.4	(B310)[A14]	01.70- 05.78	110128	14 35	AT 01.70- 02.82	110142	12 1.0	
		01.70- 02.82	110129	14 50				
		09.80- 06.82	110168	14 50				
	(N13)[GA14S]	10.88- 08.91	110632	14 65	AT 01.89- 08.91	110142	12 1.0	
Sunny 1.4 LX	(N13)[GA14S]	10.88- 08.91	110632	14 65	10.88- 08.91	110279	12 0.8	
Sunny 1.4 16V	[GA14DE]	10.90- 05.95	110631	14 70	10.90- 05.95	111312	12 0.8	
					AT 10.90- 05.95	111459	12 1.2	
Sunny 1.4 i	(N14)[GA14DS]	10.90- 05.95	110631	14 70	10.90- 05.95	111312	12 0.8	
					AT 10.90- 05.95	111459	12 1.2	
Sunny 1.4 i 16V	(N14)[GA14DE]	10.92- 06.95	110631	14 70	10.92- 06.95	111312	12 0.8	
					AT 10.92- 06.95	111459	12 1.2	
Sunny 1.5	(B11)[E15S]	03.82- 10.86	110168	14 50	03.82- 10.86	110279	12 0.8	
		03.82- 10.86	110307	14 60				
	(B12)[E15S]	06.86- 10.88	110693#	14 60	06.86- 10.88	110279	12 0.8	
	(B310)[A15]	06.79- 02.82	110129	14 50	06.79- 02.82	110142	12 1.0	
		06.79- 02.82	110168	14 50				
Sunny 1.6	(N13)[E15S]	06.86- 10.88	110693#	14 60	06.86- 10.88	110279	12 0.8	
	(B12)[E16S]	06.86- 10.88	110693#	14 60	06.86- 10.88	110279	12 0.8	
	(N13)[E16S]	06.86- 10.88	110693#	14 60	06.86- 10.88	110279	12 0.8	
Sunny 1.6 16V	(Y10)[GA16DS]	10.90- 03.94	110631	14 70	AT 10.90- 05.95	111459	12 1.2	
		03.94- 05.95	111704	14 70	10.90- 05.95	111312	12 0.8	
Sunny 1.6 GTi 16V	(B12)[CA16D]	05.87- 05.89	110630#	14 70				
	(N13)[CA16D]	02.87- 05.89	110630#	14 70				
Sunny 1.6 i	(B12)[E16i]	06.86- 05.89	110693#	14 60	06.86- 10.88	110279	12 0.8	
	[GA16i]	10.88- 06.91	110632	14 65				
	(N13)[E16i]	06.86- 10.90	110693#	14 60	06.86- 10.90	110279	12 0.8	
		10.88- 10.90	110632	14 65				
	[GA16i]	10.88- 06.91	110632	14 65				
	(N14)[GA16DE]				10.90- 05.95	113139	12 1.2	
	[GA16DS]	10.90- 05.95	110631	14 70	10.90- 05.95	111312	12 0.8	
					AT 10.90- 05.95	111459	12 1.2	
	(Y10)[GA16DS]	10.92- 03.94	110631	14 70	10.90- 10.93	111312	12 0.8	
		03.94- 07.95	111704	14 70	AT 10.90- 10.93	111459	12 1.2	
Sunny 1.6 i 12V	(N13)[GA16i]	10.88- 10.90	110632	14 65				
Sunny 1.6 i 12V 4WD	(B12)[GA16i]	10.88- 08.91	110693#	14 60	10.88- 08.90	111459	12 1.2	
Sunny 1.6 i 16V	(10)[GA16DE]	10.92- 03.94	110631	14 70	10.92-	111312	12 0.8	
		03.94-	111704	14 70	AT 10.92-	111459	12 1.2	





	(N14)[GA16DE]	10.92- 05.95	110631	14	70		AT 10.92- 05.95	111459	12	1.2
	(Y10L)[GA16DE]	11.90- 03.94	110631	14	70		AT 10.92- 05.95	111312	12	0.8
		03.94- 07.95	111704	14	70		10.92-	111312	12	0.8
Sunny 1.6 i 16V 4WD	(N14)[GA16DE]	10.92- 05.95	110631	14	70		10.92- 05.95	111459	12	1.2
	[GA16DS]	10.90- 10.92	110631	14	70		10.90- 10.92	111459	12	1.2
Sunny 1.6 i 4WD	(B12A)[E16i]	06.86- 05.89	110168	14	50					
	(N13A)[E16i]	06.86- 10.90	110693#	14	60					
Sunny 1.7 Diesel	(B11)[CD17]						03.82- 10.86	110575	12	2.0
	(B12)[CD17]	01.86- 06.91	111692	14	70		01.86- 06.91	110575	12	2.0
	(N13)[CD17]	06.86- 01.91	111692	14	70		06.86- 01.91	110575	12	2.0
	(Y10)[CD17]	11.90-	111692	14	70		11.90-	110575	12	2.0
Sunny 1.8 GTi 16V	(B12)[CA18D]	01.89- 06.91	110630#	14	70					
	(N13)[CA18D]	01.89- 06.91	110630#	14	70					
Sunny 2.0 GTi 16V	(N14)[SR20DE]	10.90- 05.95	111264	14	80		10.90- 05.95	111608	12	1.4
Sunny 2.0 i 16V	(N14)[SR20DE]						10.90- 05.95	111608	12	1.4
Sunny 2.0 i Turbo	(N14)[SR20DET]	10.90- 05.95	111264	14	80					
Sunny 2.0 Diesel	(N14)[CD20]	10.90- 05.95	111294	14	70		10.90- 05.95	110575	12	2.0
	(Y10)[CD20]	06.91-	111294	14	70		06.91-	110575	12	2.0
Terrano 2.4 4WD	(R20)[KA24E]						05.96- 09.99	112368	12	1.4
Terrano 2.4 i 12V	(R20)[KA24E]						02.93- 06.96	111485	12	1.2
Terrano 2.7 TD	(R20)[TD27T]	02.93- 06.96	111316	14	60	HI	02.93- 06.96	111805	12	2.5
		02.93- 06.96	112086	14	60	BO				
	(WD21)[TD27T]	08.87- 10.93	110700	14	50		02.89- 02.93	111805	12	2.5
		02.89- 10.93	111316	14	60		02.89- 02.93	110574	12	2.0
Terrano 2.7 TDi 4WD	(R20)[TD27Ti]	05.96-	111980	14	70		05.96-	111805	12	2.5
		AT 05.96-	112351	14	90					
Terrano 3.0 i	(WD21)[VG30E]	01.89- 12.95	111266	14	70		08.90- 12.95	111763	12	1.2
Terrano 3.0 Diesel Di 4WD	[ZD30]	05.02-	113787	14	90		05.02-	114032	12	2.5
Tiida 1.5 DCi	(C11X)[K9K728]	09.07-	113940	14	110		09.07-	113897	12	1.4
		09.07-	114799	14	110					
	(SC11X)	09.07-	113940	14	110		09.07-	113897	12	1.4
		09.07-	114799	14	110					
Trade 3.0	[BD-30Ti]	01.96- 12.98	112394	14	70		01.96- 12.98	110574	12	2.0
Trade 3.0 Diesel	[BD-30II]	01.94- 12.98	112330	14	55		01.94- 12.98	112365	12	2.2
Urvan 2.0	(E23)[H20]	07.81- 11.82	110168	14	50		07.81- 11.82	110256	12	0.8
	[Z20]	12.82- 11.88	110168	14	50		12.82- 11.88	110277	12	0.8
		12.82- 11.88	110307	14	60					
	(E24)[Z20]	05.87-	110168	14	50					
		05.87-	110307	14	60					
		05.87- 05.97	110458	14	60					
	[Z20S]						01.92- 09.93	110277	12	0.8
Urvan 2.2 Diesel	(E23)[SD22]	07.80- 11.82	110694	14	40		07.80- 04.82	110386	12	1.9
Urvan 2.3 Diesel	(E23)[SD23]	04.82- 11.88	110702#	14	70	VP	11.82- 11.88	110386	12	1.9
		02.87-	112093	14	70	VP				
	(E24)[TD23]	02.87-	110701	14	50		11.86- 03.89	111805	12	2.5
		02.87-	112093	14	70					
Urvan 2.4	(E24)[Z24S]	11.86- 06.97	110307	14	60					
Urvan 2.5 Diesel	(E24)[TD25]	12.88-	110701	14	50		12.88-	111805	12	2.5
		12.88-	112093	14	70					
	(E24L)[TD25]	12.88-	110701	14	50		05.89-	111805	12	2.5
		12.88-	112093	14	70	VP				
Vanette 1.5	(C22)[A15S]	09.85- 12.95	110264	14	40		10.86- 12.95	110142	12	1.0
		10.86- 12.95	110168	14	50					
		10.86- 12.95	110307	14	60					
	(KC120)[A15]	07.81- 12.87	110168	14	50		05.84- 12.87	110142	12	1.0
		01.83- 12.87	110307	14	60					
		01.83- 12.87	110458	14	60					
Vanette 2.0 Diesel	(C22)[LD20-II]	07.91- 01.95	112087	14	55		07.91- 01.95	114318	12	2.2
Vanette Cargo 1.6 i	(C23M)[GA16DE]	07.92-	111955	14	80		07.92-	111728	12	1.4
Vanette Cargo 2.0 Diesel	(C23M)[LD20]	07.92- 09.94	111812	14	90		01.95-	114318	12	2.2
Vanette Cargo 2.3 Diesel	(C23M)[LD23]	09.94-	111812	14	90		01.95-	114318	12	2.2
		01.95- 11.01	113786	14	90					
X-Trail 2.0	(T30)[QR20DE]	11.01-	113316	14	110					
X-Trail 2.0 4WD	(T30)[QR20DE]	07.01-	113316	14	110		AT 07.01-	114763	12	1.4
X-Trail 2.0 DCi	(T31)[M9R]						06.07-	114074	12	2.2
X-Trail 2.2 DCi	(T30)[YD22DDTI]	12.03-	113324	14	90		12.03-	113323	12	1.7
X-Trail 2.2 DCi 4WD	(T30)[YD22DDTI]	12.03-	113324	14	90		12.03-	113323	12	1.7
X-Trail 2.2 Di 4WD	(T30)[YD22ETI]	07.01-	113324	14	90		07.01-	113323	12	1.7
X-Trail 2.5	(T31)[QR25DE]						AT 06.07-	114763	12	1.4
X-Trail 2.5 4WD	[QR25DE]	09.02-	113316	14	110		01.03-	114763	12	1.4
<b>PASSENGER CARS US</b>										
210 1.2	[A12]						01.79- 01.82	110142	12	1.0
210 1.4	[A14]						01.79- 01.79	110142	12	1.0
210 1.4 Deluxe	[A14]						01.80- 01.80	110142	12	1.0
210 1.5 Deluxe	[A15]						01.80- 01.82	110142	12	1.0
310 1.4	[A14]						01.79- 01.80	110142	12	1.0
310 1.4 GX	[A14]						01.80- 01.80	110142	12	1.0
310 1.5	[A15]						01.81- 01.81	110142	12	1.0
310 1.5 Deluxe	[E15]						01.82- 01.82	110279	12	0.8
310 1.5 GX	[A15]						01.81- 01.81	110142	12	1.0
	[E15]						01.82- 01.82	110279	12	0.8
410 1.2	[E1]						01.63- 01.65	110142	12	1.0
							01.63- 01.65	110332	12	1.0
411 1.2							01.63- 01.65	110332	12	1.0
510 1.6	[L16]						01.68- 01.73	110144	12	1.0
510 2.0	[L20B]	01.78- 01.79	110168	14	50					
	[Z20S]	01.80- 01.81	110168	14	50		01.80- 01.81	110277	12	0.8

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

NISSAN *Continued*

520 1.3	[J13]					01.65- 01.68	110142	12	1.0
						01.65- 01.68	110332	12	1.0
521 1.3	[J13]					01.69- 01.69	110142	12	1.0
						01.69- 01.69	110332	12	1.0
521 1.6	[L16]					01.70- 01.72	110144	12	1.0
610 1.8	[L18]					01.73- 01.73	110144	12	1.0
610 2.0	[L20B]	01.74- 01.76	110129	14	50	01.74- 01.76	110144	12	1.0
620 1.6	[L16]					01.72- 01.73	110144	12	1.0
620 1.8	[L18]					01.74- 01.74	110144	12	1.0
620 2.0	[L20B]					01.75- 01.79	110144	12	1.0
710 1.8	[L18]					01.74- 01.74	110144	12	1.0
710 2.0	[L20B]	01.75- 01.77	110129	14	50	01.75- 01.77	110144	12	1.0
720 2.0	[L20B]	01.80- 01.80	110264	14	40	01.80- 01.80	110144	12	1.0
						01.80- 01.80	110280	12	1.2
	[Z20]	01.83- 01.85	110168	14	50	01.83- 01.85	110277	12	0.8
720 2.2	[Z22]	01.81- 01.82	110168	14	50	01.81- 01.82	110277	12	0.8
720 2.2	[SD22]					01.81- 01.82	110386	12	1.9
720 2.4	[Z24]	01.83- 01.85	110168	14	50	01.83- 01.85	110277	12	0.8
		01.85- 12.85	112967#	14	50				
	[Z24I]	01.86- 01.86	112967#	14	50				
720 2.5	[SD25]					01.86- 01.86	110277	12	0.8
						01.83- 01.86	110386	12	1.9
810 2.4	[L24E]					01.77- 01.77	110277	12	0.8
						01.78- 01.81	110280	12	1.2
1200 1.2	[A12]					01.71- 01.73	110142	12	1.0
1600 1.6	[R16]					01.68-	110144	12	1.0
200SX 1.6	[GA16DE]	01.97- 01.98	113371	14	80	01.95- 01.98	111459	12	1.2
						01.95- 01.98	111312	12	0.8
200SX 1.6 SE	[GA16DE]					01.95- 01.98	111312	12	0.8
						01.95- 01.98	111459	12	1.2
200SX 1.8 Turbo	[CA18ET]					01.84- 01.86	110278	12	0.8
200SX 2.0	[CA20E]					01.84- 01.86	110278	12	0.8
	[L20B]	01.77- 01.79	110129	14	50	01.77- 01.79	110280	12	1.2
						01.77- 01.79	110144	12	1.0
	[SR20DE]	01.95- 01.98	111726	14	80	01.95- 01.95	111608	12	1.4
	[Z20E]	01.80- 01.81	110168	14	50	01.80- 01.81	110277	12	0.8
200SX 2.0 SE-R	[SR20DE]	01.96- 01.98	111726	14	80	01.96- 01.97	111608	12	1.4
200SX 2.2	[Z22E]	01.82- 01.83	110168	14	50	01.82- 01.83	110277	12	0.8
240Z 2.4	[L24]					01.70- 01.73	110277	12	0.8
260Z 2.6	[L26]					01.74- 01.74	110277	12	0.8
280Z 2.8	[L28E]					01.75- 01.77	110277	12	0.8
						01.78- 01.78	110280	12	1.2
280ZX 2.8	[L28E]	01.82- 01.83	110458	14	60	01.79- 01.83	110280	12	1.2
280ZX 2.8 GL	[L28E]	01.81- 01.81	110458	14	60	01.81- 01.81	110280	12	1.2
280ZX 2.8 Turbo	[L28ET]	01.81- 01.83	110458	14	60	01.82- 01.83	110280	12	1.2
300 ZX 3.0	[VG30]	01.84- 01.89	112970	14	70				
Almera 1.6	(N15)[GA16DE]					07.95- 03.00	111459	12	1.2
Altima 2.4	[KA24DE]	01.93- 01.93	111264	14	80				
		01.98- 01.99	113373	14	100				
Altima 2.4 GLE	[KA24DE]	01.93- 01.97	111264	14	80				
Altima 2.4 GXE	[KA24DE]	01.93- 01.97	111264	14	80				
Altima 2.4 SE	[KA24DE]	01.93- 01.97	111264	14	80				
Altima 2.4 XE	[KA24DE]	01.93- 01.97	111264	14	80				
Axxess 2.4	[KA24E]	01.90- 01.90	111264	14	80				
Axxess 2.4 4WD	[KA24E]	01.91-	111264	14	80				
B210 1.3	[A13]					01.74- 01.74	110142	12	1.0
B210 1.4	[A14]	01.75- 01.78	110129	14	50	01.75- 01.78	110142	12	1.0
D21 2.4	[KA24E]					01.90- 01.93	111485	12	1.2
	[Z24]	01.86- 01.89	112967#	14	50	01.86- 01.89	110277	12	0.8
D21 3.0	[VG30E]	01.90- 01.93	111266	14	70	01.90- 01.93	111763	12	1.2
D21 3.0 SE	[VG30E]	01.91- 01.93	111266	14	70	01.91- 01.93	111763	12	1.2
F 10 1.4	[A14]	01.76- 01.78	110129	14	50	01.76- 01.78	110142	12	1.0
Frontier 2.4	[KA24DE]	01.98- 01.03	113197#	14	60	01.98- 01.01	112368	12	1.4
Maxima 2.4	[L24E]	01.82- 01.84	110458	14	60	01.82- 01.84	110280	12	1.2
Maxima 3.0	[VG30E]					01.89- 01.91	111023	12	1.4
	[VQ30DE]	01.99- 01.99	111381	14	110	01.99- 01.01	111382	12	1.4
Maxima 3.0 GLE	[VQ30DE]	10.94- 01.97	111381	14	110	01.95- 01.98	111382	12	1.4
Maxima 3.0 GXE	[VG30E]					01.92- 01.94	111023	12	1.4
	[VQ30DE]	01.95- 01.97	111381	14	110	01.95- 01.98	111382	12	1.4
Maxima 3.0 SE	[VE30DE]					01.92- 01.94	111023	12	1.4
	[VQ30DE]	01.95- 01.98	111381	14	110	01.95- 01.98	111382	12	1.4
NX 1.6	[GA16DE]	01.91- 01.93	110631	14	70	01.91- 01.93	111459	12	1.2
						01.91- 01.93	111312	12	0.8
NX 2.0	[SR20DE]	01.91- 01.93	111264	14	80	01.91- 01.93	111608	12	1.4
Pathfinder 2.4	[Z24I]	01.87- 01.89	112967#	14	50				
Pathfinder 3.0	[VG30E]	01.91- 01.92	111266	14	70	01.91- 01.92	111763	12	1.2
Pathfinder 3.0 LE	[VG30E]	01.94- 01.95	111266	14	70	01.94- 01.95	111763	12	1.2
Pathfinder 3.0 SE	[VG30E]	01.90- 01.95	111266	14	70	01.90- 01.95	111763	12	1.2
Pathfinder 3.0 XE	[VG30E]	01.90- 01.95	111266	14	70	01.90- 01.95	111763	12	1.2
Pathfinder 3.3	[VG33E]					01.98- 01.00	113045#	12	1.4
Pathfinder 3.3 LE	[VG33E]					01.96- 01.97	113045#	12	1.4
Pathfinder 3.3 SE	[VG33E]					01.96- 01.97	113045#	12	1.4
Pathfinder 3.3 XE	[VG33E]					01.96- 01.97	113045#	12	1.4
Pick Up 2.4	[KA24E]					01.94- 01.94	111485	12	1.2
						01.96- 01.97	112368	12	1.4
Pick Up 2.4 SE	[KA24E]					01.96- 01.97	112368	12	1.4
Pick Up 2.4 Short Bed E	[KA24E]					01.95- 01.95	111485	12	1.2
Pick Up 2.4 Short Bed XE	[KA24E]					01.95- 01.97	111485	12	1.2
Pick Up 2.4 XE	[KA24E]					01.94- 01.95	111485	12	1.2
						01.96- 01.97	112368	12	1.4



Pick Up 3.0	[VG30E]	01.94- 01.94	111266	14	70	01.94- 01.94	111763	12	1.2
Pick Up 3.0 SE	[VG30E]	01.94- 01.95	111266	14	70	01.94- 01.95	111763	12	1.2
Pick Up 3.0 XE	[VG30E]	01.94- 01.95	111266	14	70	01.94- 01.95	111763	12	1.2
Pulsar 1.6	[E16]					01.83- 01.83	110279	12	0.8
Pulsar NX 1.6 Turbo	[E15T]	01.83- 01.84	110307	14	60				
Pulsar NX 1.6	[E16]					01.83- 01.86	110279	12	0.8
	[GA16i]	01.90- 01.90	110631	14	70	01.90- 01.90	111312	12	0.8
		01.90- 01.90	110632	14	65	01.90- 01.90	111459	12	1.2
Pulsar NX 1.6 SE	[CA16DE]	01.87- 01.87	110630#	14	70				
Pulsar NX 1.6 XE	[E16i]	01.87- 01.88	110693#	14	60	01.87- 01.88	110279	12	0.8
	[GA16i]	01.89- 01.90	110631	14	70	01.89- 01.90	111459	12	1.2
		01.89- 01.90	110632	14	65	01.89- 01.90	111312	12	0.8
Pulsar NX 1.8 SE	[CA18DE]	01.88- 01.89	110630#	14	70				
Quest 3.0 GXE	[VG30E]					01.93- 01.98	113136#	12	2.0
Quest 3.0 XE	[VG30E]					01.93- 01.98	113136#	12	2.0
Quest 3.3	[VG33E]					01.99- 01.02	113136#	12	2.0
Sentra 1.5	[E15S]					01.82- 01.83	110279	12	0.8
Sentra 1.6	[E16]	01.85- 01.85	110307	14	60	01.83- 01.84	110279	12	0.8
		01.97- 01.98	113371	14	80				
	[E16i]	01.87- 01.88	110693#	14	60	01.87- 01.88	110279	12	0.8
	[E16S]	01.86- 01.87	110307	14	60	01.88- 01.88	110279	12	0.8
		01.86- 01.88	110693#	14	60				
	[GA16DE]	01.91- 01.94	110631	14	70	01.91- 01.99	111459	12	1.2
		01.98- 01.98	113371	14	80	01.91- 01.99	111312	12	0.8
	[GA16i]	01.89- 01.90	110631	14	70	01.89- 01.90	111459	12	1.2
		01.89- 01.90	110632	14	65	01.89- 01.90	111312	12	0.8
Sentra 1.6 4WD	[GA16i]	01.90- 01.90	110631	14	70	01.90- 01.90	111459	12	1.2
		01.90- 01.90	110632	14	65				
Sentra 1.6 E	[GA16DE]	01.93- 01.94	110631	14	70	01.93- 01.96	111312	12	0.8
						01.93- 01.96	111459	12	1.2
Sentra 1.6 GLE	[GA16DE]					01.95- 01.97	111312	12	0.8
						01.95- 01.97	111459	12	1.2
Sentra 1.6 GXE	[GA16DE]	01.93- 01.94	110631	14	70	01.93- 01.97	111459	12	1.2
						01.93- 01.97	111312	12	0.8
Sentra 1.6 LE	[GA16DE]	01.94- 01.94	110631	14	70	01.94- 01.94	111459	12	1.2
						01.94- 01.94	111312	12	0.8
Sentra 1.6 SE	[GA16DE]	01.93- 01.94	110631	14	70	01.93- 01.94	111312	12	0.8
						01.93- 01.94	111459	12	1.2
Sentra 1.6 XE	[GA16DE]	01.93- 01.94	110631	14	70	01.93- 01.97	111459	12	1.2
						01.93- 01.97	111312	12	0.8
Sentra 1.8	[QG18DE]	01.00-	113372	14	100				
Sentra 2.0	[SR20DE]	01.00- 01.01	113419#	14	100	01.91-	111549	12	1.4
		01.91-	111264	14	80				
		01.98- 01.99	111726	14	80				
Sentra 2.0 SE-R	[SR20DE]	01.91- 01.94	111264	14	80	01.91- 01.94	111608	12	1.4
Stanza 2.0	[CA20E]	01.86- 01.89	110630#	14	70	01.86- 01.89	110278	12	0.8
	[CA20S]					01.82- 01.83	110278	12	0.8
Stanza 2.0 GL	[CA20E]					01.84- 01.85	110278	12	0.8
Stanza 2.0 XE	[CA20E]					01.84- 01.85	110278	12	0.8
Stanza 2.4	[KA24E]	01.90- 01.92	111264	14	80				
Van 2.4	[Z24i]					01.87- 01.88	110249	12	0.8
Xterra 2.4	[KA24DE]	01.00- 01.02	113197#	14	60	01.00- 01.01	112368	12	1.4
<b>PASSENGER CARS AO</b>									
Laurel 2.0 GL	[JC31][CA20S]					11.84- 12.85	110278	12	0.8
	[JC32][CA20S]					11.84- 12.85	111562	12	1.4
Laurel 2.0 Diesel	[JC31][LD20]	01.80- 01.85	110702#	14	70				
Navara 2.5 DCi	(D40)	12.05-	114244	14	130				
Navara 2.5 DCi 4x4	(D40)	08.08-	114244	14	130				
Pathfinder 2.4	[Z24i]	01.87- 12.88	112967#	14	50				
Pathfinder 2.5 DCi	(R51)	01.05-	114803	14	150	01.05-	114232	12	2.0
		01.05-	114244	14	130				
Patrol 3.0 Diesel 4x4	(GU)					09.07-	114764	12	2.5
Patrol GR 3.0 Diesel	(Y61)					05.00- 09.04	114764	12	2.5
Quest 3.0	(V40)[VG30E]					01.93- 09.98	113136#	12	2.0
Sunny 1.5	(B11)[E15]					03.82- 05.86	110279	12	0.8
X-Trail 2.0 4WD	(T30)[QR20DE]					AT 09.01-	114763	12	1.4
X-Trail 2.0 Turbo Sport 4WD	(T30)					AT 06.01-	114763	12	1.4
X-Trail 2.5 4WD	(T30)[QR25DE]					AT 11.02-	114763	12	1.4
<b>TRUCKS EU</b>									
110.35 3.0	(Atleon)[BD-30Ti]					09.00-	112365	12	2.2
120.35 3.0	(Atleon)[BD-30Ti]					09.00-	112365	12	2.2
45.15 3.0 Diesel	(F24)[ZD30]	10.06-	113993	14	135				
Cabstar 1.6	(F22)[Z16]					10.86- 09.92	110277	12	0.8
Cabstar 2.0	(F22)[Z20]					01.86- 12.88	110277	12	0.8
Cabstar 2.3 Diesel	(F22)[SD23]					12.81- 06.92	111805	12	2.5
	[TD23]	10.86- 06.92	110701	14	50	12.81- 06.92	111805	12	2.5
		10.86- 06.92	111316	14	60				
Cabstar 2.5	(F22)[TD25]	10.86- 06.92	110701	14	50	10.82- 06.92	111805	12	2.5
Cabstar 2.5 Diesel	(F22)[SD25]	05.82- 10.86	110702#	14	70	02.86- 12.90	110719	12	2.0
						02.83- 02.86	110386	12	1.9
Cabstar 2.7 Diesel	(F22)[TD27]	10.86- 06.92	110701	14	50	02.83- 12.90	111805	12	2.5
		10.86- 10.88	111316	14	60				
Cabstar 3.3 Diesel	(F22)[ED33]					12.81- 12.90	113210	24	3.2
Cabstar 5.7	(1120)[FD6]					04.85-	110616	24	4.5
	(1220)[FD6]					04.85-	110616	24	4.5
	(815)[FE6]					04.85-	110616	24	4.5
	(818)[FE6]					04.85-	110616	24	4.5
						04.85-	113675	24	4.0

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



**NISSAN** *Continued*

E 110.45 3.0 TD	[BD-30Ti]	10.98- 10.98- 10.98-	112330 112394 113291	14 55 14 70 14 55	10.98-	110574	12 2.0
E 120.35 3.0 TD	[BD-30Ti]	10.98- 10.98- 10.98-	112330 112394 113291	14 55 14 70 14 55	10.98-	110574	12 2.0
E 120.45 3.0 TD	[BD-30Ti]	10.98- 10.98- 10.98-	112330 112394 113291	14 55 14 70 14 55	10.98-	110574	12 2.0
E 90.32 2.7 Diesel	[TD27T]	10.98- 10.98- 10.98-	112330 112394 113291	14 55 14 70 14 55			
E 90.32 3.0 TD	[BD-30Ti]	10.98- 10.98- 10.98-	112330 112394 113291	14 55 14 70 14 55	10.98-	110574	12 2.0
ECO-T 100 3.0 TD	[BD-30Ti]				04.93- 08.99	112365	12 2.2
UD520			114414	28 55			
Various Models 14.3 V8	[RD8]					114422	24 6.0
<b>FORK LIFTS</b>							
FD104						110155	12 1.0
						110256	12 0.8
FX	[Z24]					110415	12 1.4
GF 03	[SD33]				01.78-	110616	24 4.5
H15		01.94-	112069	14 50			
H20	[H20]	01.94-	112069	14 50			
H20S					01.86-	110415	12 1.4
H25	[PJ01]	01.95-	112069	14 50			
H30					01.90-	111108	12 1.2
Various Models			113418	28 25		110617	12 1.2
			112068	14 35		110386	12 1.9
						115377	12 1.0
						114479	12 1.2
						110256	12 0.8
						110572	12 1.2
YE 03	[SD33]				01.80-	113675	24 4.0
YGF 03	[SD33]				01.80-	110616	24 4.5
					01.80-	113675	24 4.0
<b>Nissan (Dongfeng)</b>							
<b>PASSENGER CARS AO</b>							
Qaschqai 2.0	[MR20DE]	01.11-	115340	14 120			
<b>NSU</b>							
<b>PASSENGER CARS EU</b>							
RO 80 1.0	[KKM]				10.67- 07.77	113705	12 1.7
<b>PASSENGER CARS US</b>							
RO 80 1.0		07.73- 08.77	112098	14 65			
<b>Oldsmobile</b>							
<b>PASSENGER CARS EU</b>							
Cutlass 2.8 V6 Supreme	[LB6]				09.88-	112911	12 1.6
Cutlass 3.4 V6 Supreme	[6V]	09.90- 09.90-	110499 112448	14 100/105 14 100			
<b>PASSENGER CARS US</b>							
98 3.0 Regency		01.85- 01.85 01.85- 01.85	110235 110492	14 80 14 108	01.85- 01.85	110221	12 1.2
98 3.8 Regency		01.88- 01.94 01.88- 01.94 01.86- 01.86	111220 112636 110235	14 105 14 100/105 14 80	01.85- 01.94	110221	12 1.2
98 3.8 Regency Brougham		01.85- 01.85 01.88- 01.90 01.88- 01.90 01.86- 01.86	110492 111220 112636 110235	14 108 14 105 14 100/105 14 80	01.85- 01.90	110221	12 1.2
98 3.8 Regency Elite		01.85- 01.85 01.91- 01.94 01.91- 01.94	110492 111220 112636	14 108 14 105 14 100/105	01.96- 01.96 01.91- 01.95	112898 110221	12 1.6 12 1.2
98 3.8 Regency Touring		01.88- 01.93 01.88- 01.93	111220 112636	14 105 14 100/105	01.88- 01.93	110221	12 1.2
98 3.8 Super Regency Elite		01.88- 01.93 01.94- 01.94 01.94- 01.94	112636 111220 112636	14 100/105 14 105 14 100/105	01.95- 01.95 01.94- 01.94	112898 110221	12 1.6 12 1.2
98 3.8 Super Regency Touring		01.92- 01.93 01.92- 01.93	111220 112636	14 105 14 100/105	01.92- 01.93	112898	12 1.6
98 4.1		01.81- 01.81 01.81- 01.81	110235 110505	14 80 14 75			
98 4.1 Regency		01.81- 01.83 01.81- 01.83	110235 110505	14 80 14 75			
98 4.1 Regency Brougham		01.82- 01.83 01.82- 01.83	110235 110505	14 80 14 75			
98 4.3 Regency		01.85- 01.85	110505	14 75			
98 4.3 Regency Brougham		01.85- 01.85	110505	14 75			
98 5.0		01.80- 01.81 01.80- 01.81	110505 110235	14 75 14 80			
98 5.0 Regency		01.84- 01.84 01.80- 01.83 01.80- 01.83	110508 110505 110235	14 78 14 75 14 80			
98 5.0 Regency Brougham		01.84- 01.84 01.82- 01.83 01.82- 01.83	110508 110505 110235	14 78 14 75 14 80			
98 5.7		01.77- 01.80 01.72- 01.80 01.72- 01.73	110234# 110505 110233	14 80 14 75 14 63	01.77- 01.80	110218	12



98 5.7 Regency	01.73- 01.80	110505	14	75	01.77- 01.80	110218	12
	01.77- 01.80	110234#	14	80			
98 5.7	01.78- 01.81	110505	14	75			
	01.80- 01.81	110235	14	80			
	01.78- 01.79	110234#	14	80			
98 5.7 Regency	01.84- 01.84	110508	14	78			
	01.78- 01.83	110505	14	75			
	01.83- 01.83	110471	14	94			
	01.80- 01.82	110235	14	80			
	01.78- 01.79	110234#	14	80			
98 5.7 Regency Brougham	01.84- 01.84	110508	14	78			
	01.82- 01.83	110235	14	80			
	01.82- 01.83	110505	14	75			
98 6.5	01.60- 01.64	110075	14	60			
98 6.6	01.75- 01.79	110505	14	75	01.75- 01.79	110218	12
	01.75- 01.79	110234#	14	80			
98 6.6 Regency	01.75- 01.79	110505	14	75	01.75- 01.79	110218	12
	01.75- 01.79	110234#	14	80			
98 7.0	01.65- 01.67	110075	14	60	01.65- 01.67	110218	12
98 7.0 Holiday	01.65- 01.67	110075	14	60	01.65- 01.67	110218	12
98 7.5	01.72- 01.76	110505	14	75	01.68- 01.76	110218	12
	01.72- 01.76	110233	14	63			
	01.68- 01.71	110075	14	60			
98 7.5 Regency	01.73- 01.76	110505	14	75	01.73- 01.76	110218	12
442 5.7	01.68- 01.70	110075	14	60			
	01.68- 01.70	110233	14	63			
	01.68- 01.70	110505	14	75			
442 6.6	01.65- 01.69	110075	14	60	01.65- 01.69	110218	12
442 7.5	01.68- 01.71	110075	14	60	01.68- 01.71	110218	12
	01.68- 01.71	110233	14	63			
	01.68- 01.71	110505	14	75			
Achieva 3.1					01.98- 01.98	112911	12 1.6
Achieva 3.1 S					01.94- 01.95	112911	12 1.6
Achieva 3.1 SC					01.94- 01.97	112911	12 1.6
Achieva 3.1 SL					01.94- 01.97	112911	12 1.6
Achieva 3.3 S					01.92- 01.93	110221	12 1.2
Achieva 3.3 SL					01.92- 01.93	110221	12 1.2
Achieva 3.3 W44					01.92- 01.93	110221	12 1.2
Alero 2.4	01.99- 01.01	112868	14	102	01.99- 01.01	112907#	12 1.7
Alero 3.4					01.99- 01.00	112900	12 1.4
Aurora 4.0	01.99- 01.99	112980#	14	140	01.95- 01.02	112904	12 1.7
Bravada 4.2					01.02- 01.03	112905	12 1.6
Bravada 4.3					01.01- 01.01	112241	12 1.5
	01.94- 01.95	112613	14	105	01.96- 01.00	112240	12 1.7
	01.98- 01.00	112665	14	100	01.91- 01.94	111034	12 1.2
	01.91- 01.94	110500	14	100/105			
Calais 2.3	01.87- 01.87	110499	14	100/105			
	01.87- 01.87	112448	14	100			
Calais 2.5	01.85- 01.87	110471	14	94			
Calais 2.5 Supreme	01.85- 01.87	110471	14	94			
Calais 3.0	01.87- 01.87	110502	14	100/105	01.85- 01.87	110221	12 1.2
	01.85- 01.86	110471	14	94			
Calais 3.0 Supreme	01.87- 01.87	110502	14	100/105	01.85- 01.87	110221	12 1.2
	01.85- 01.86	110471	14	94			
Ciera 2.2 SL	01.95- 01.96	110500	14	100/105	01.95- 01.96	112911	12 1.6
Ciera 3.1 Cruiser SL					01.95- 01.95	112911	12 1.6
Ciera 3.1 SL					01.95- 01.96	112911	12 1.6
Custom Cruiser 5.0	01.91- 12.91	110500	14	100/105			
	01.91- 01.92	112640	14	100/105			
	01.91- 01.92	112629	14	100/105			
	01.84- 01.90	110508	14	78			
	01.80- 01.83	110235	14	80			
	01.80- 01.83	110505	14	75			
Custom Cruiser 5.7	01.92- 01.92	112640	14	100/105	01.92- 01.92	110216	12 1.4
	01.73- 01.80	110505	14	75	01.77- 01.80	110218	12
	01.77- 01.80	110234#	14	80			
	01.91- 01.92	112629	14	100/105			
Custom Cruiser 5.7	01.84- 01.85	110471	14	94			
	01.84- 01.85	110508	14	78			
	01.78- 01.83	110505	14	75			
	01.80- 01.83	110235	14	80			
	01.78- 01.79	110234#	14	80			
Custom Cruiser 6.6	01.75- 01.79	110505	14	75	01.75- 01.79	110218	12
	01.75- 01.79	110234#	14	80			
Custom Cruiser 7.5	01.71- 01.76	110505	14	75	01.71- 01.76	110218	12
	01.72- 01.76	110233	14	63			
	01.71- 01.71	110075	14	60			
Cutlass 2.2 Ciera Cruiser S	01.93- 01.93	110500	14	100/105	01.93- 01.93	112911	12 1.6
Cutlass 2.2 Ciera S	01.93- 01.94	110500	14	100/105	01.93- 01.94	112911	12 1.6
Cutlass 2.3 Calais	01.88- 01.91	110499	14	100/105			
	01.88- 01.91	112448	14	100			
Cutlass 2.3 Calais International	01.88- 01.91	110499	14	100/105			
	01.88- 01.91	112448	14	100			
Cutlass 2.3 Calais S	01.89- 01.91	110499	14	100/105			
	01.89- 01.91	112448	14	100			
Cutlass 2.3 Calais SL	01.88- 01.91	110499	14	100/105			
	01.88- 01.91	112448	14	100			

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

OLDSMOBILE Continued

Cutlass 2.5 Ciera	01.82- 01.92	110505	14	75	01.86- 01.92	110221	12	1.2
	01.83- 01.92	110471	14	94				
	01.82- 01.82	110235	14	80				
Cutlass 2.5 Ciera Brougham	01.82- 01.86	110505	14	75	01.87- 01.88	110221	12	1.2
	01.83- 01.86	110471	14	94				
	01.82- 01.82	110235	14	80				
	01.87- 01.88	110499	14	100/105				
	01.87- 01.88	112448	14	100				
Cutlass 2.5 Ciera Cruiser	01.84- 01.86	110471	14	94	01.84- 01.90	110221	12	1.2
	01.84- 01.86	110505	14	75	01.84- 01.86	112911	12	1.6
	01.87- 01.90	110499	14	100/105				
Cutlass 2.5 Ciera Cruiser Brougham	01.87- 01.90	112448	14	100				
	01.87- 01.88	110499	14	100/105	01.87- 01.88	110221	12	1.2
Cutlass 2.5 Ciera Cruiser S	01.87- 01.88	112448	14	100				
	01.91- 01.92	110499	14	100/105	01.91- 01.92	110221	12	1.2
Cutlass 2.5 Ciera Cruiser SL	01.91- 01.92	112448	14	100				
	01.89- 01.89	110499	14	100/105	01.89- 01.89	110221	12	1.2
Cutlass 2.5 Ciera LS	01.89- 01.89	112448	14	100				
	01.82- 01.85	110505	14	75				
Cutlass 2.5 Ciera S	01.82- 01.82	110235	14	80				
	01.87- 01.91	110499	14	100/105	01.87- 01.91	110221	12	1.2
	01.87- 01.91	112448	14	100				
Cutlass 2.5 Ciera SL	01.87- 01.89	110499	14	100/105	01.87- 01.89	110221	12	1.2
	01.87- 01.89	112448	14	100				
Cutlass 2.8 Ciera	01.86- 01.89	110471	14	94	01.86- 01.89	112911	12	1.6
	01.82- 01.89	110508	14	78				
	01.82- 01.82	110505	14	75				
	01.85- 01.89	110492	14	108				
Cutlass 2.8 Ciera Brougham	01.85- 01.88	110471	14	94	01.83- 01.88	112911	12	1.6
	01.85- 01.88	110492	14	108				
	01.82- 01.88	110508	14	78				
Cutlass 2.8 Ciera Cruiser	01.82- 01.84	110505	14	75				
	01.84- 01.85	110505	14	75	01.84- 01.89	112911	12	1.6
	01.84- 01.89	110508	14	78				
	01.86- 01.89	110471	14	94				
Cutlass 2.8 Ciera Cruiser Brougham	01.86- 01.89	110492	14	108				
	01.87- 01.88	111388	14	100/105	01.87- 01.88	112911	12	1.6
Cutlass 2.8 Ciera Cruiser SL	01.89- 01.89	111388	14	100/105	01.89- 01.89	112911	12	1.6
	01.85- 01.85	110471	14	94				
Cutlass 2.8 Ciera LS	01.83- 01.85	112911	12	1.6				
	01.85- 01.85	110492	14	108				
	01.82- 01.85	110508	14	78				
Cutlass 2.8 Ciera S	01.82- 01.84	110505	14	75				
	01.87- 01.87	111388	14	100/105	01.87- 01.87	112911	12	1.6
Cutlass 2.8 Ciera SL	01.87- 01.89	111388	14	100/105	01.87- 01.89	112911	12	1.6
Cutlass 2.8 Supreme					01.88- 01.89	112911	12	1.6
Cutlass 2.8 Supreme International					01.88- 01.89	112911	12	1.6
Cutlass 2.8 Supreme SL					01.88- 01.89	112911	12	1.6
Cutlass 3.0 Calais International	01.88- 01.88	110502	14	100/105	01.88- 01.88	110221	12	1.2
Cutlass 3.0 Calais SL	01.88- 01.88	110502	14	100/105	01.88- 01.88	110221	12	1.2
Cutlass 3.0 Ciera	01.82- 01.82	110505	14	75	01.82- 01.82	110221	12	1.2
	01.82- 01.82	110235	14	80				
	01.83-	110471	14	94				
Cutlass 3.0 Ciera Brougham	01.82- 01.85	110505	14	75	01.82- 01.85	110221	12	1.2
	01.84- 01.85	110492	14	108				
	01.82- 01.85	110235	14	80				
Cutlass 3.0 Ciera Cruiser	01.84- 01.85	110505	14	75	01.84- 01.85	110221	12	1.2
	01.84- 01.85	110492	14	108				
	01.84- 01.85	110235	14	80				
Cutlass 3.0 Ciera LS	01.82- 01.85	110235	14	80	01.82- 01.85	110221	12	1.2
	01.82- 01.85	110505	14	75				
	01.84- 01.85	110492	14	108				
Cutlass 3.1	01.97- 01.99	112869#	14	102	01.97- 01.99	112900	12	1.4
Cutlass 3.1 Ciera Cruiser S					01.94- 01.94	112911	12	1.6
Cutlass 3.1 Ciera S					01.94- 01.94	112911	12	1.6
Cutlass 3.1 Ciera SL					01.94- 01.94	112911	12	1.6
Cutlass 3.1 GLS	01.97- 01.97	112869#	14	102	01.97- 01.97	112900	12	1.4
Cutlass 3.1 Supreme	01.97-	112869#	14	102	01.89- 01.95	112911	12	1.6
Cutlass 3.1 Supreme International					01.89- 01.93	112911	12	1.6
Cutlass 3.1 Supreme S					01.92- 01.94	112911	12	1.6
Cutlass 3.1 Supreme SL					01.89- 01.97	112911	12	1.6
Cutlass 3.3 Calais S					01.89- 01.89	110221	12	1.2
Cutlass 3.3 Calais SL					01.89- 01.91	110221	12	1.2
Cutlass 3.3 Ciera					01.89- 01.92	110221	12	1.2
Cutlass 3.3 Ciera Cruiser					01.89- 01.90	110221	12	1.2
Cutlass 3.3 Ciera Cruiser S					01.91- 01.93	110221	12	1.2
Cutlass 3.3 Ciera Cruiser SL					01.89- 01.93	110221	12	1.2
Cutlass 3.3 Ciera International					01.89- 01.90	110221	12	1.2
Cutlass 3.3 Ciera S					01.90- 01.93	110221	12	1.2
Cutlass 3.3 Ciera SL					01.89- 01.93	110221	12	1.2
Cutlass 3.4 Supreme S	01.92- 01.94	110499	14	100/105				
	01.92- 01.94	112448	14	100				
Cutlass 3.4 Supreme SL					01.96- 01.96	112898	12	1.6
Cutlass 3.5	01.62- 01.63	110075	14	60				
Cutlass 3.8	01.77- 01.81	110505	14	75				
	01.80- 01.81	110235	14	80				
	01.77-	110234#	14	80				
Cutlass 3.8 Brougham	01.80- 01.81	110505	14	75				
	01.80- 01.81	110235	14	80				



Cutlass 3.8 Calais	01.82- 01.84	110235	14	80				
	01.78- 01.84	110505	14	75				
Cutlass 3.8 Ciera	01.85-	110505	14	75	01.86- 01.88	110221	12	1.2
	01.85-	110492	14	108				
	01.85-	110471	14	94				
Cutlass 3.8 Ciera Brougham	01.84- 01.85	110492	14	108	01.84- 01.88	110221	12	1.2
	01.84- 01.85	110471	14	94				
	01.84- 01.85	110505	14	75				
	01.87- 01.88	111090	14	105				
Cutlass 3.8 Ciera Cruiser	01.84- 01.85	110505	14	75	01.84- 01.88	110221	12	1.2
	01.84- 01.85	110471	14	94				
	01.84- 01.85	110492	14	108				
	01.87- 01.88	111090	14	105				
Cutlass 3.8 Ciera Cruiser Brougham	01.87- 01.88	111090	14	105	01.87- 01.88	110221	12	1.2
Cutlass 3.8 Ciera International	01.88- 01.88	111090	14	105	01.88- 01.88	110221	12	1.2
Cutlass 3.8 Ciera LS	01.84- 01.85	110492	14	108	01.84- 01.85	110221	12	1.2
	01.84- 01.85	110471	14	94				
	01.84- 01.85	110505	14	75				
Cutlass 3.8 Ciera S	01.87- 01.87	111090	14	105	01.87- 01.87	110221	12	1.2
Cutlass 3.8 Ciera SL	01.87- 01.88	111090	14	105	01.87- 01.88	110221	12	1.2
Cutlass 3.8 Cruiser	01.83- 01.83	110235	14	80				
	01.78- 01.83	110505	14	75				
	01.83- 01.83	110508	14	78				
	01.83- 01.83	110471	14	94				
Cutlass 3.8 Cruiser Brougham	01.80- 01.81	110505	14	75				
	01.80- 01.81	110235	14	80				
Cutlass 3.8 LS	01.80- 01.81	110505	14	75				
Cutlass 3.8 S	01.80- 01.81	110235	14	80				
	01.77- 01.77	110505	14	75				
Cutlass 3.8 Salon	01.77- 01.77	110234#	14	80				
	01.78- 01.87	110505	14	75				
	01.85- 01.87	110235	14	80				
	01.85- 01.87	110471	14	94				
Cutlass 3.8 Salon Brougham	01.78- 01.80	110505	14	75				
Cutlass 3.8 Supreme	01.82- 01.87	110235	14	80				
	01.77- 01.87	110505	14	75				
	01.77- 01.77	110234#	14	80				
Cutlass 3.8 Supreme Brougham	01.82- 01.87	110235	14	80				
	01.77- 01.87	110505	14	75				
	01.77- 01.77	110234#	14	80				
Cutlass 4.1	01.75- 01.75	110505	14	75				
	01.68- 01.71	110075	14	60	01.75- 01.75	110216	12	1.4
Cutlass 4.1 S	01.75- 01.76	110505	14	75	01.75- 01.76	110216	12	1.4
	01.71- 01.71	110075	14	60				
Cutlass 4.1 Supreme	01.75- 01.76	110505	14	75				
Cutlass 4.1 Supreme Brougham	01.76- 01.76	110505	14	75	01.75- 01.76	110216	12	1.4
	01.76- 01.76	110216	12	1.4				
Cutlass 4.3	01.75- 01.81	110505	14	75				
	01.80- 01.81	110235	14	80				
	01.77-	110234#	14	80				
Cutlass 4.3 Brougham	01.80- 01.81	110505	14	75				
	01.80- 01.81	110235	14	80				
Cutlass 4.3 Calais	01.78- 01.82	110505	14	75				
	01.82- 01.82	110235	14	80				
	01.78- 01.81	110234#	14	80				
Cutlass 4.3 Cruiser	01.78- 01.82	110505	14	75				
	01.82- 01.82	110235	14	80				
	01.78- 01.81	110234#	14	80				
Cutlass 4.3 Cruiser Brougham	01.80- 01.81	110505	14	75				
	01.80- 01.81	110235	14	80				
Cutlass 4.3 LS	01.80- 01.81	110505	14	75				
	01.80- 01.81	110235	14	80				
Cutlass 4.3 S	01.75- 01.77	110505	14	75				
Cutlass 4.3 Salon	01.75- 01.80	110505	14	75				
	01.80- 01.80	110235	14	80				
Cutlass 4.3 Salon Brougham	01.78- 01.80	110234#	14	80				
	01.78- 01.80	110505	14	75				
Cutlass 4.3 Supreme	01.75- 01.82	110505	14	75				
	01.80- 01.82	110235	14	80				
Cutlass 4.3 Supreme Brougham	01.80- 01.82	110235	14	80				
	01.76- 01.82	110505	14	75				
	01.79- 01.83	110505	14	75				
Cutlass 4.3 Calais	01.79- 01.83	110233	14	63				
	01.82- 01.83	110235	14	80				
	01.79- 01.79	110234#	14	80				
	01.84- 01.84	110471	14	94				
Cutlass 4.3 Ciera	01.82- 01.82	110233	14	63				
	01.82- 01.82	110235	14	80				
	01.82- 01.82	110505	14	75				
Cutlass 4.3 Ciera Brougham	01.84- 01.85	110471	14	94				
	01.82- 01.85	110505	14	75				
	01.82- 01.85	110233	14	63				
	01.82- 01.83	110235	14	80				
Cutlass 4.3 Ciera Cruiser	01.84- 01.85	110471	14	94				
	01.84- 01.85	110505	14	75				
	01.84- 01.85	110233	14	63				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**OLDSMOBILE** *Continued*

Cutlass 4.3 Ciera LS	01.84- 01.85	110471	14	94				
	01.82- 01.85	110505	14	75				
	01.82- 01.85	110233	14	63				
	01.82- 01.83	110235	14	80				
Cutlass 4.3 Cruiser	01.79- 01.79	110234#	14	80				
	01.79- 01.79	110505	14	75				
	01.79- 01.79	110233	14	63				
Cutlass 4.3 Salon	01.79- 01.79	110505	14	75				
	01.79- 01.79	110234#	14	80				
	01.79- 01.79	110233	14	63				
Cutlass 4.3 Supreme	01.84- 01.84	110471	14	94				
	01.79- 01.83	110505	14	75				
	01.79- 01.83	110233	14	63				
	01.82- 01.83	110235	14	80				
Cutlass 4.3 Supreme Brougham	01.79- 01.79	110234#	14	80				
	01.84- 01.85	110471	14	94				
	01.79- 01.83	110505	14	75				
	01.79- 01.83	110233	14	63				
Cutlass 4.4 Brougham	01.82- 01.83	110235	14	80				
	01.79- 01.79	110234#	14	80				
	01.81- 01.81	110235	14	80				
	01.81- 01.81	110505	14	75				
Cutlass 4.4 Calais	01.82- 01.82	110505	14	75				
	01.82- 01.82	110235	14	80				
Cutlass 4.4 Cruiser	01.82- 01.82	110235	14	80				
	01.82- 01.82	110505	14	75				
Cutlass 4.4 LS	01.81- 01.81	110505	14	75				
	01.81- 01.81	110235	14	80				
Cutlass 4.4 Supreme	01.81- 01.82	110235	14	80				
	01.81- 01.82	110505	14	75				
Cutlass 4.4 Supreme Brougham	01.82- 01.82	110505	14	75				
	01.82- 01.82	110235	14	80				
	01.80- 01.80	110505	14	75	01.80- 01.80	110216	12	1.4
Cutlass 5.0	01.80- 01.80	110235	14	80	01.80- 01.80	110414	12	
	01.91- 01.92	112629	14	100/105				
	01.85- 01.85	110508	14	78				
	01.86- 01.86	110471	14	94				
	01.80- 01.80	110505	14	75	01.80- 01.80	110216	12	1.4
Cutlass 5.0 Brougham	01.80- 01.80	110235	14	80	01.80- 01.80	110414	12	
	01.82- 01.83	110235	14	80	01.78- 01.80	110414	12	
Cutlass 5.0 Calais	01.78- 01.83	110505	14	75				
	01.78- 01.80	110234#	14	80				
	01.83- 01.84	110471	14	94				
	01.83- 01.84	110508	14	78				
Cutlass 5.0 Cruiser	01.83- 01.83	110471	14	94	01.78- 01.83	110414	12	
	01.81- 01.83	110235	14	80				
	01.78- 01.83	110505	14	75				
	01.78- 01.82	110234#	14	80				
Cutlass 5.0 Cruiser Brougham	01.80- 01.81	110235	14	80	01.80- 01.80	110414	12	
	01.80- 01.81	110505	14	75				
Cutlass 5.0 LS	01.80- 01.80	110235	14	80	01.80- 01.80	110216	12	1.4
	01.80- 01.80	110505	14	75	01.80- 01.80	110414	12	
	01.78- 01.80	110505	14	75				
Cutlass 5.0 Salon	01.78- 01.80	110234#	14	80	01.78- 01.80	110414	12	
	01.85- 01.87	110508	14	78				
	01.85- 01.87	110471	14	94				
	01.78- 01.80	110234#	14	80	01.78- 01.80	110414	12	
Cutlass 5.0 Salon Brougham	01.78- 01.80	110505	14	75				
	01.78- 01.80	110234#	14	80	01.78- 01.80	110414	12	
Cutlass 5.0 Supreme	01.84- 01.87	110508	14	78	01.78- 01.80	110414	12	
	01.78- 01.83	110505	14	75				
	01.82- 01.83	110235	14	80				
	01.78- 01.80	110234#	14	80				
	01.83- 01.87	110471	14	94				
Cutlass 5.0 Supreme Brougham	01.84- 01.87	110508	14	78	01.78- 01.80	110414	12	
	01.78- 01.83	110505	14	75				
	01.82- 01.83	110235	14	80				
	01.78- 01.80	110234#	14	80				
Cutlass 5.0 Supreme Classic	01.88- 01.88	110471	14	94				
	01.88- 01.88	110471	14	94				
Cutlass 5.0 Supreme Classic Brougham	01.88- 01.88	110471	14	94				
Cutlass 5.4	01.64- 01.67	110075	14	60				
Cutlass 5.4 Holiday	01.64- 01.67	110075	14	60				
Cutlass 5.7	01.68- 01.80	110505	14	75	01.80- 01.80	110218	12	
	01.68- 01.75	110233	14	63				
	01.68- 01.71	110075	14	60				
	01.80- 01.80	110235	14	80				
	01.91- 01.92	112629	14	100/105				
Cutlass 5.7 Brougham	01.77- 01.77	110234#	14	80				
	01.80- 01.80	110235	14	80	01.80- 01.80	110218	12	
	01.80- 01.80	110505	14	75				
Cutlass 5.7 Calais	01.79- 01.80	110505	14	75	01.79- 01.80	110218	12	
	01.79- 01.80	110234#	14	80				
Cutlass 5.7 Cruiser	01.78- 01.79	110505	14	75	01.79- 01.79	110218	12	
	01.78- 01.79	110234#	14	80	01.78- 01.79	111258	12	
	01.78- 01.79	110234#	14	80	01.78- 01.79	110216	12	1.4
Cutlass 5.7 Cruiser Brougham	01.80- 01.80	110505	14	75	01.80- 01.80	110218	12	
	01.80- 01.80	110235	14	80				
Cutlass 5.7 LS	01.80- 01.80	110505	14	75	01.80- 01.80	110218	12	
	01.80- 01.80	110235	14	80				





Cutlass 5.7 S	01.71- 01.77	110505	14	75	01.76- 01.77	111258	12
	01.71- 01.75	110233	14	63	01.76- 01.77	110218	12
	01.71- 01.71	110075	14	60			
Cutlass 5.7 Salon	01.75- 01.79	110505	14	75	01.76- 01.79	110218	12
					01.76- 01.79	111258	12
Cutlass 5.7 Supreme	01.91- 01.92	112629	14	100/105	01.76- 01.80	110218	12
	01.80- 01.80	110235	14	80	01.76- 01.79	111258	12
	01.72- 01.80	110505	14	75			
	01.72- 01.75	110233	14	63			
Cutlass 5.7 Supreme Brougham	01.80- 01.80	110235	14	80	01.76- 01.80	110218	12
	01.76- 01.80	110505	14	75	01.76- 01.79	111258	12
Cutlass 5.7 Supreme Cruiser	01.74- 01.75	110505	14	75			
Cutlass 5.7	01.80- 01.81	110233	14	63			
	01.80- 01.81	110505	14	75			
	01.80- 01.81	110235	14	80			
Cutlass 5.7 Brougham	01.80- 01.81	110505	14	75			
	01.80- 01.81	110235	14	80			
	01.80- 01.81	110233	14	63			
Cutlass 5.7 Calais	01.80- 01.83	110505	14	75			
	01.80- 01.82	110235	14	80			
	01.80- 01.82	110233	14	63			
	01.83- 01.84	110471	14	94			
Cutlass 5.7 Cruiser	01.83- 01.84	110508	14	78			
	01.83- 01.83	110508	14	78			
	01.83- 01.83	110471	14	94			
	01.79- 01.83	110505	14	75			
	01.80- 01.82	110235	14	80			
Cutlass 5.7 Cruiser Brougham	01.79- 01.82	110233	14	63			
	01.79- 01.79	110234#	14	80			
	01.80- 01.81	110505	14	75			
	01.80- 01.81	110235	14	80			
	01.80- 01.81	110233	14	63			
Cutlass 5.7 LS	01.80- 01.81	110233	14	63			
	01.80- 01.81	110505	14	75			
	01.80- 01.81	110235	14	80			
Cutlass 5.7 Salon	01.80- 01.80	110505	14	75			
	01.80- 01.80	110235	14	80			
	01.80- 01.80	110233	14	63			
	01.85- 01.85	110471	14	94			
	01.85- 01.85	110508	14	78			
Cutlass 5.7 Supreme	01.83- 01.85	110471	14	94			
	01.83- 01.85	110508	14	78			
	01.79- 01.83	110505	14	75			
	01.79- 01.82	110233	14	63			
	01.80- 01.82	110235	14	80			
Cutlass 5.7 Supreme Brougham	01.79- 01.79	110234#	14	80			
	01.83- 01.85	110471	14	94			
	01.83- 01.85	110508	14	78			
	01.79- 01.83	110505	14	75			
	01.80- 01.82	110235	14	80			
Cutlass 6.6	01.79- 01.82	110233	14	63			
	01.79- 01.79	110234#	14	80			
	01.77- 01.77	110234#	14	80	01.65- 01.68	110218	12
	01.68- 01.68	110505	14	75			
	01.65- 01.68	110075	14	60			
Cutlass 6.6 S	01.77- 01.77	110505	14	75	01.77- 01.77	110218	12
	01.77- 01.77	110234#	14	80			
Cutlass 6.6 Salon	01.77- 01.77	110505	14	75	01.77- 01.77	110218	12
	01.77- 01.77	110234#	14	80			
Cutlass 6.6 Supreme	01.77- 01.77	110505	14	75	01.77- 01.77	110218	12
	01.77- 01.77	110234#	14	80			
Cutlass 6.6 Supreme Brougham	01.77- 01.77	110505	14	75	01.77- 01.77	110218	12
	01.77- 01.77	110234#	14	80			
Cutlass 6.6 Turnpike Cruiser	01.67- 01.67	110075	14	60	01.67- 01.67	110218	12
Cutlass 7.5	01.70- 01.75	110505	14	75	01.70- 01.75	110218	12
Cutlass 7.5 S	01.71- 01.76	110505	14	75	01.71- 01.76	110218	12
Cutlass 7.5 Salon	01.75- 01.76	110505	14	75	01.75- 01.76	110218	12
Cutlass 7.5 Supreme	01.71- 01.76	110505	14	75	01.71- 01.76	110218	12
Cutlass 7.5 Supreme Brougham	01.76- 01.76	110505	14	75	01.76- 01.76	110218	12
Cutlass 7.5 Supreme Cruiser	01.74- 01.76	110505	14	75	01.74- 01.76	110218	12
CUTLASS CIERA 3.1 SL	[L82]				10.92- 12.96	112911	12 1.6
Delmont 5.7 88	01.68- 01.68	110075	14	60			
Delmont 88 5.4	01.67- 01.67	110075	14	60			
Delmont 88 5.4 Holiday	01.67- 01.67	110075	14	60			
Delmont 88 7.0	01.67- 01.67	110075	14	60	01.67- 01.67	110218	12
Delmont 88 7.0 Holiday	01.67- 01.67	110075	14	60	01.67- 01.67	110218	12
Delta 4.4 88	01.82- 01.82	110235	14	80	01.82- 01.82	110414	12
	01.82- 01.82	110505	14	75			
Delta 4.4 88 Royale	01.81-	110505	14	75			
	01.81-	110235	14	80			
Delta 4.4 88 Royale Brougham	01.81-	110505	14	75			
	01.81-	110235	14	80			
Delta 88 3.0 Royale					01.86- 01.86	110221	12 1.2
Delta 88 3.0 Royale Brougham					01.86- 01.86	110221	12 1.2
Delta 88 3.8	01.77- 01.83	110505	14	75			
	01.83- 01.83	110508	14	78			
	01.83- 01.83	110471	14	94			
	01.83- 01.83	110235	14	80			
	01.77- 01.82	110234#	14	80			

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



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**OLDSMOBILE** *Continued*

Delta 88 3.8 Royale	01.88- 01.94	111220	14	105	01.86- 01.95	110221	12	1.2
	01.88- 01.94	112636	14	100/105				
	01.77- 01.85	110505	14	75	01.96- 01.98	112898	12	1.6
	01.83- 01.85	110235	14	80				
	01.83- 01.85	110471	14	94				
	01.83- 01.85	110508	14	78				
Delta 88 3.8 Royale Brougham	01.77- 01.82	110234#	14	80				
	01.88- 01.91	111220	14	105	01.86- 01.91	110221	12	1.2
	01.88- 01.91	112636	14	100/105				
	01.80- 01.85	110505	14	75				
	01.80- 01.85	110235	14	80				
	01.83- 01.85	110471	14	94				
Delta 88 3.8 Royale Brougham LS	01.83- 01.85	110508	14	78				
	01.84- 01.84	110471	14	94				
	01.84- 01.84	110505	14	75				
Delta 88 3.8 Royale LS	01.84- 01.84	110508	14	78				
	01.92- 01.94	111220	14	105	01.96- 01.98	112898	12	1.6
	01.92- 01.94	112636	14	100/105	01.92- 01.95	110221	12	1.2
Delta 88 3.8 Royale LSS				01.95- 01.95	110221	12	1.2	
Delta 88 3.8 Super Royale LS				01.95- 01.95	112898	12	1.6	
Delta 88 3.8 Super Royale LSS				01.95- 01.95	112898	12	1.6	
Delta 88 4.3	01.77- 01.82	110505	14	75				
	01.80- 01.82	110235	14	80				
	01.77- 01.79	110234#	14	80				
Delta 88 4.3 Royale	01.77- 01.82	110505	14	75				
	01.80- 01.82	110235	14	80				
	01.77- 01.79	110234#	14	80				
Delta 88 4.3 Royale Brougham	01.80- 01.82	110505	14	75				
	01.80- 01.82	110235	14	80				
	01.77- 01.79	110234#	14	80				
Delta 88 4.4 Royale	01.82- 01.82	110235	14	80	01.82- 01.82	110414	12	
	01.82- 01.82	110505	14	75				
	01.82- 01.82	110505	14	75	01.82- 01.82	110414	12	
Delta 88 4.4 Royale Brougham	01.82- 01.82	110235	14	80				
	01.79- 01.79	110505	14	75				
	01.79- 01.79	110234#	14	80				
Delta 88 4.9 Royale	01.79- 01.79	110505	14	75				
	01.79- 01.79	110234#	14	80				
	01.79- 01.79	110505	14	75				
Delta 88 5.0	01.80- 01.83	110505	14	75				
	01.80- 01.83	110235	14	80				
	01.84- 01.85	110508	14	78	01.80- 01.81	110414	12	
Delta 88 5.0 Royale	01.80- 01.83	110235	14	80				
	01.80- 01.83	110505	14	75				
	01.84- 01.85	110508	14	78				
Delta 88 5.0 Royale Brougham	01.80- 01.83	110235	14	80				
	01.80- 01.83	110505	14	75				
	01.84- 01.85	110508	14	78				
Delta 88 5.0 Royale Brougham LS	01.84- 01.85	110508	14	78				
Delta 88 5.4	01.67- 01.67	110075	14	60				
Delta 88 5.4 Holiday	01.67- 01.67	110075	14	60				
Delta 88 5.7	01.68- 01.80	110505	14	75	01.80- 01.80	110218	12	
	01.80- 01.80	110235	14	80	01.77- 01.77	110216	12	1.4
	01.77- 01.77	110234#	14	80				
	01.91- 01.92	112629	14	100/105				
	01.72- 01.75	110233	14	63				
	01.68- 01.71	110075	14	60				
Delta 88 5.7 Custom	01.68- 01.70	110075	14	60				
	01.68- 01.70	110505	14	75				
	01.70- 01.80	110505	14	75	01.80- 01.80	110218	12	
Delta 88 5.7 Royale	01.80- 01.80	110235	14	80	01.77- 01.77	110216	12	1.4
	01.77- 01.77	110234#	14	80				
	01.91- 01.92	112629	14	100/105				
	01.72- 01.75	110233	14	63				
	01.70- 01.70	110075	14	60				
	01.80- 01.80	110505	14	75	01.80- 01.80	110218	12	
Delta 88 5.7 Royale Brougham	01.80- 01.80	110235	14	80				
	01.78- 01.83	110505	14	75				
	01.83- 01.83	110471	14	94				
Delta 88 5.7	01.80- 01.82	110235	14	80				
	01.78- 01.79	110234#	14	80				
	01.83- 01.85	110471	14	94				
	01.84- 01.85	110508	14	78				
	01.78- 01.83	110505	14	75				
	01.80- 01.82	110235	14	80				
Delta 88 5.7 Royale Brougham	01.78- 01.79	110234#	14	80				
	01.83- 01.85	110471	14	94				
	01.84- 01.85	110508	14	78				
	01.80- 01.83	110505	14	75				
	01.80- 01.82	110235	14	80				
	01.84- 01.85	110508	14	78				
Delta 88 5.7 Royale Brougham LS	01.84- 01.85	110508	14	78				
	01.84- 01.85	110471	14	94				
	01.75- 01.79	110234#	14	80	01.77- 01.79	110218	12	
Delta 88 6.6	01.75- 01.79	110505	14	75				
	01.75- 01.79	110234#	14	80	01.77- 01.79	110218	12	
	01.75- 01.79	110505	14	75	01.77- 01.79	110218	12	
Delta 88 7.0	01.75- 01.79	110234#	14	80				
	01.65- 01.67	110075	14	60	01.65- 01.67	110218	12	
	01.65- 01.67	110075	14	60	01.65- 01.67	110218	12	
Delta 88 7.0 Holiday	01.65- 01.67	110075	14	60	01.65- 01.67	110218	12	
Delta 88 7.5	01.72- 01.76	110505	14	75	01.68- 01.76	110218	12	
	01.72- 01.76	110233	14	63				
	01.68- 01.71	110075	14	60				
Delta 88 7.5 Custom	01.68- 01.71	110075	14	60	01.68- 01.71	110218	12	



Delta 88 7.5 Royale	01.70- 01.76	110505	14 75	01.70- 01.76	110218	12
	01.72- 01.76	110233	14 63			
	01.70- 01.71	110075	14 60			
Dynamic 6.5	01.60- 01.64	110075	14 60			
Dynamic 7.0	01.65- 01.66	110075	14 60	01.65- 01.66	110218	12
Dynamic 7.0 Holiday	01.65- 01.66	110075	14 60	01.65- 01.66	110218	12
F 85 3.5	01.61- 01.63	110075	14 60			
F 85 3.7	01.64- 01.65	110075	14 60			
F 85 4.1	01.66- 01.71	110075	14 60			
F 85 4.1 Holiday	01.66- 01.66	110075	14 60			
F 85 5.4	01.64- 01.67	110075	14 60			
F 85 5.4 Holiday	01.66- 01.66	110075	14 60			
F 85 5.7	01.68- 01.72	110233	14 63			
	01.68- 01.72	110505	14 75			
	01.68- 01.71	110075	14 60			
F 85 6.6	01.65- 01.66	110075	14 60	01.65- 01.66	110218	12
F 85 7.5	01.72- 01.72	110233	14 63	01.70- 01.72	110218	12
	01.72- 01.72	110505	14 75			
	01.70- 01.70	110075	14 60			
Fiesta 6.5	01.63- 01.63	110075	14 60			
Firenza 1.8	01.82- 01.86	110235	14 80			
	01.82- 01.86	110505	14 75			
Firenza 1.8 LC	01.86- 01.86	110508	14 78			
	01.86- 01.86	110471	14 94			
Firenza 1.8 LX	01.82- 01.86	110235	14 80			
	01.82- 01.86	110505	14 75			
Firenza 1.8 S	01.82- 01.86	110235	14 80			
	01.82- 01.86	110505	14 75			
Firenza 1.8 SX	01.82- 01.85	110235	14 80			
	01.82- 01.85	110505	14 75			
Firenza 2.0	01.83- 01.86	110492	14 108			
Firenza 2.0 LC	01.86- 01.86	110492	14 108			
Firenza 2.0 LX	01.83- 01.86	110492	14 108			
Firenza 2.0 S	01.83- 01.86	110492	14 108	01.83- 01.86	112911	12 1.6
Firenza 2.0 SX	01.83- 01.85	110492	14 108			
Firenza 2.8	01.85- 01.85	110471	14 94	01.85- 01.85	112911	12 1.6
	01.85- 01.85	110505	14 75			
Firenza 2.8 GT	01.86- 01.87	110471	14 94	01.86- 01.87	112911	12 1.6
	01.86- 01.87	110505	14 75			
Firenza 2.8 LX	01.85- 01.85	110505	14 75	01.85- 01.85	112911	12 1.6
	01.85- 01.85	110471	14 94			
Firenza 2.8 S	01.85- 01.85	110505	14 75	01.85- 01.85	112911	12 1.6
	01.85- 01.85	110471	14 94			
Firenza 2.8 SX	01.85- 01.85	110505	14 75	01.85- 01.85	112911	12 1.6
	01.85- 01.85	110471	14 94			
Jetstar 5.4 88	01.64- 01.66	110075	14 60			
Jetstar 5.4 88 Holiday	01.64- 01.66	110075	14 60			
Jetstar 6.5 88	01.64- 01.64	110075	14 60			
Jetstar 6.5 88 Holiday	01.64- 01.64	110075	14 60			
Jetstar 7.0 88	01.65- 01.65	110075	14 60	01.65- 01.65	110218	12
Jetstar 7.0 88 Holiday	01.65- 01.65	110075	14 60	01.65- 01.65	110218	12
LSS 3.8				01.96- 01.98	112898	12 1.6
LSS 3.8 Super				01.96- 01.99	112898	12 1.6
Omega 2.5	01.83- 01.84	110508	14 78	01.80- 01.82	110221	12 1.2
	01.80- 01.84	110505	14 75			
	01.80- 01.84	110235	14 80			
	01.83-	110471	14 94			
Omega 2.5 Brougham	01.80- 01.84	110505	14 75	01.80- 01.82	110221	12 1.2
	01.80- 01.84	110235	14 80			
	01.83-	110471	14 94			
	01.83- 01.84	110508	14 78			
Omega 2.8	01.80- 01.84	110235	14 80	01.80- 01.84	110221	12 1.2
	01.80- 01.84	110505	14 75			
Omega 2.8 Brougham	01.80- 01.84	110505	14 75	01.80- 01.84	110221	12 1.2
	01.80- 01.84	110235	14 80	01.82- 01.84	112911	12 1.6
	01.83- 01.84	110508	14 78			
Omega 3.8	01.77- 01.79	110505	14 75			
Omega 3.8 Brougham	01.77- 01.79	110505	14 75			
Omega 3.8 F85	01.77- 01.77	110505	14 75			
Omega 4.1	01.73- 01.76	110505	14 75			
Omega 4.1 Brougham	01.76- 01.76	110505	14 75	01.76- 01.76	110216	12 1.4
Omega 4.1 F85	01.76-	110505	14 75			
				01.76-	110216	12 1.4
Omega 4.1 Salon	01.75- 01.75	110505	14 75	01.75- 01.75	110216	12 1.4
Omega 4.3	01.75- 01.77	110505	14 75			
Omega 4.3 Brougham	01.76- 01.77	110505	14 75			
Omega 4.3 F85	01.76-	110505	14 75			
Omega 4.3 Salon	01.75- 01.75	110505	14 75			
Omega 5.0	01.77- 01.79	110505	14 75	01.77- 01.79	110216	12 1.4
Omega 5.0 Brougham	01.77- 01.79	110505	14 75	01.77- 01.79	110216	12 1.4
Omega 5.0 F85	01.77- 01.77	110505	14 75	01.77- 01.77	110216	12 1.4
Omega 5.7	01.73- 01.79	110505	14 75	01.77- 01.77	110218	12
	01.75- 01.76	110233	14 63	01.77- 01.79	111258	12
				01.77- 01.79	110216	12 1.4
Omega 5.7 Brougham	01.76- 01.79	110505	14 75	01.77- 01.79	111258	12
	01.76- 01.76	110233	14 63	01.77- 01.79	110216	12 1.4
				01.77- 01.77	110218	12

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**OLDSMOBILE** *Continued*

Omega 5.7 F85	01.76- 01.77	110505	14 75	01.77- 01.77	111258	12
	01.76- 01.76	110233	14 63			
	01.91- 01.92	112629	14 100/105	01.77- 01.77	110216	12 1.4
Omega 5.7 Salon	01.75- 01.75	110233	14 63			
	01.75- 01.75	110505	14 75			
Regency 3.8	01.88- 01.90	112636	14 100/105	01.97- 01.98	112898	12 1.6
	01.78- 01.80	110234#	14 80			
Silhouette 3.1	01.90- 01.94	111388	14 100/105	01.90- 01.94	112911	12 1.6
Silhouette 3.4	01.98- 01.00	112874#	14 140	01.97- 01.00	112900	12 1.4
				01.96- 01.96	112911	12 1.6
Silhouette 3.8	01.92- 01.95	111220	14 105	01.92- 01.95	110221	12 1.2
	01.92- 01.95	112884	14 140			
	01.92- 01.95	112636	14 100/105			
Starfire 2.3	01.76- 01.77	110492	14 108			
	01.76- 01.77	110505	14 75			
	01.76- 01.77	110233	14 63			
Starfire 2.3 SX	01.76- 01.77	110233	14 63			
	01.76- 01.77	110505	14 75			
	01.76- 01.77	110492	14 108			
Starfire 2.5	01.78- 01.80	110505	14 75	01.78- 01.80	110414	12
Starfire 2.5 SX	01.78- 01.80	110505	14 75	01.78- 01.80	110414	12
Starfire 3.8	01.75- 01.80	110505	14 75			
Starfire 3.8 SX	01.76- 01.80	110505	14 75			
Starfire 5.0	01.77- 01.79	110505	14 75	01.77- 01.79	110216	12 1.4
Starfire 5.0 SX	01.77- 01.79	110505	14 75	01.77- 01.79	110216	12 1.4
Starfire 6.5	01.61- 01.64	110075	14 60			
Starfire 7.0	01.65- 01.66	110075	14 60	01.65- 01.66	110218	12
Super 88 6.5	01.60- 01.64	110075	14 60			
Toronado 3.8				01.88- 01.92	110221	12 1.2
Toronado 3.8 Brougham	01.86- 01.86	110235	14 80			
Toronado 3.8 Trofeo				01.88- 01.92	110221	12 1.2
Toronado 4.1	01.84-	110235	14 80			
	01.84-	110492	14 108			
Toronado 4.1 Brougham	01.81- 01.84	110235	14 80			
Toronado 5.0	01.91- 01.93	112629	14 100/105			
	01.80-	110235	14 80			
	01.80-	110505	14 75			
	01.84-	110508	14 78			
Toronado 5.0 Brougham	01.80- 01.85	110235	14 80			
	01.80- 01.85	110505	14 75			
Toronado 5.7	01.91- 01.92	112629	14 100/105			
	01.79-	110505	14 75			
	01.79-	110234#	14 80			
Toronado 5.7 Brougham	01.80-	110235	14 80			
	01.79- 01.80	110505	14 75			
	01.79- 01.80	110234#	14 80			
Toronado 5.7 XSR	01.91- 01.92	112629	14 100/105			
Toronado 5.7	01.91- 01.92	112629	14 100/105			
	01.79-	110505	14 75			
	01.79-	110234#	14 80			
	01.80-	110235	14 80			
	01.84-	110508	14 78			
Toronado 5.7 Brougham	01.85-	110471	14 94			
	01.79- 01.85	110505	14 75			
	01.79- 01.85	110234#	14 80			
Toronado 6.6	01.78- 01.78	110505	14 75	01.78- 01.78	110216	12 1.4
	01.78- 01.78	110234#	14 80			
Toronado 6.6 Brougham	01.77- 01.78	110234#	14 80	01.77- 01.78	110216	12 1.4
	01.77- 01.78	110505	14 75			
	01.77- 01.77	110234#	14 80	01.77- 01.77	110216	12 1.4
Toronado 6.6 XSR	01.77- 01.77	110505	14 75			
Toronado 7.0	01.66- 01.67	110075	14 60			
Toronado 7.5	01.76- 01.76	110234#	14 80	01.68- 01.76	110216	12 1.4
	01.68- 01.76	110505	14 75			
Toronado 7.5 Brougham	01.68- 01.71	110075	14 60			
	01.75- 01.76	110505	14 75	01.75- 01.76	110216	12 1.4
Vista 5.7 Cruiser	01.75- 01.76	110234#	14 80			
	01.68- 01.77	110505	14 75			
	01.76- 01.77	110234#	14 80			
	01.91- 01.92	112629	14 100/105			
	01.72- 01.75	110233	14 63			
Vista 6.6 Cruiser	01.68- 01.71	110075	14 60			
	01.77- 01.77	110505	14 75	01.77- 01.77	110218	12
Vista 7.5 Cruiser	01.77- 01.77	110234#	14 80			
	01.70- 01.76	110505	14 75	01.70- 01.76	110218	12
	01.75- 01.76	110234#	14 80			
Vista Cruiser 3.7	01.72- 01.74	110233	14 63			
	01.70- 01.71	110075	14 60			
	01.64- 01.65	110075	14 60			
Vista Cruiser 5.4	01.64- 01.67	110075	14 60			
<b>OMC</b>						
<b>MARINE</b>						
Marine 2.5	01.84- 01.86	111250	14 42 DR			
Marine 3.0	01.84- 01.87	111250	14 42			
Marine 3.8	01.84- 01.85	111250	14 42			
Marine 4.3	01.84- 01.86	111250	14 42			
Marine 5.0	01.84- 01.86	111250	14 42			
Marine 5.7	01.84- 01.86	111250	14 42			



Various Models		01.85-	111710	14	65		110216	12	1.4
		01.81- 01.87	111250	14	42		112232	12	2.4
		01.85-	110959	14	55		111786	12	1.7
		01.85-	110540	14	55		112145	12	0.5
							112157	12	
						111277	12		
<b>Onan</b>									
<b>MOTORS</b>									
Various Models							112567	12	
							113015	12	
							113476	12	
							113141	12	0.8
							112832	12	0.6
<b>Opel</b>									
<b>PASSENGER CARS EU</b>									
Adam 1.2	[A12XEL]					10.12-	115395	12	1.1
Adam 1.4	[A14XEL]					10.12-	115395	12	1.1
	[A14XER]					10.12-	115395	12	1.1
Adam 1.4 LPG	[A14XEL]					07.13-	115395	12	1.1
Admiral B 2.8 S	[28S]	10.76- 01.78	111178	14	70				
Agila 1.0	[K10B]	09.07-	114247	14	75				
	[Z10XEP]	08.03-	111824	14	70	09.03-	113276	12	1.1
Agila 1.0 i 12V	[Z10XE]	09.00-	111824	14	70	Chas. -19P00893 09.00-	111123	12	0.9
		Chas. 1G021260- 09.00-	111824	14	70	Chas. 19P00894- 09.00-	113276	12	1.1
Agila 1.0 LPG	[K10B]	01.10-	114247	14	75				
Agila 1.2	[K12B]	09.07-	114247	14	75				
Agila 1.2 16V Twinport	[Z12XEP]	07.04-	111824	14	70	07.04-	113276	12	1.1
						07.04-	111123	12	0.9
Agila 1.2 i 16V	[Z12XE]	09.00-	111824	14	70	09.00-	113276	12	1.1
		Chas. 1G021260- 09.00-	111824	14	70	09.99-	111684	12	1.4
						09.00-	111123	12	0.9
Agila 1.2 LPG	[K12B]	09.07-	114247	14	75				
Agila 1.3 CDTi	[Z13DT]	08.03-	113720	14	75	08.03-	113719	12	1.3
		08.03-	113722	14	90	08.03-	113843	12	1.1
	[Z13DTJ]	09.07-	113720	14	75				
		09.07-	113722	14	90				
Antara 2.4 4x4	[Z24XE]					01.07-	111848	12	1.0
Antara 2.4 BiFuel LPG	[Z24XE]					10.08-	111848	12	1.0
Antara 3.2 V6	[Z32SEE]	03.07-	114235	14	120				
Arena 1.9 Diesel	[F8Q600]	03.98- 08.01	111718	14	75	03.98- 08.01	113481	12	1.4
	[F8Q606]	03.98- 08.01	111718	14	75	03.98- 08.01	113481	12	1.4
Arena 2.5 Diesel	[S8U780]	03.98- 08.01	111937	14	75				
		03.98- 08.01	112057	14	110				
	[S8U782]	03.98- 08.01	111934	14	80				
		03.98- 08.01	112057	14	110				
Ascona A 1.2 S	[12S]	04.72- 08.75	110077	14	50	04.72- 08.75	110364	12	0.65
Ascona A 1.6	[16N]	06.71- 08.75	111178	14	70	10.70- 08.81	110341#	12	0.8
Ascona A 1.6 Voyage	[16N]	06.71- 08.75	111178	14	70	01.71- 08.75	110341#	12	0.8
	[16S]	06.71- 08.75	111178	14	70	01.71- 08.75	110341#	12	0.8
Ascona A 1.6 S	[16S]	06.71- 08.75	111178	14	70	10.70- 08.75	110341#	12	0.8
Ascona A 1.9 Voyage	[19S]	06.71- 08.75	111178	14	70	03.71- 08.75	110341#	12	0.8
Ascona A 1.9 S	[19S]	06.71- 08.75	111178	14	70	03.71- 08.75	110341#	12	0.8
Ascona B 1.2	[12N]	08.76- 02.79	110077	14	50	08.76- 02.79	110364	12	0.65
		08.76- 02.79	110971#	14	65				
Ascona B 1.2 S	[12S]	09.75- 02.79	110077	14	50	09.75- 02.79	110364	12	0.65
		09.75- 02.79	110971#	14	65				
Ascona B 1.3	[13N]	03.79- 08.81	111656	14	45	03.79- 08.81	111055	12	0.7
		03.79- 08.81	113376	14	55				
Ascona B 1.3 S	[13S]	08.79- 08.81	111656	14	45	08.79- 08.81	111055	12	0.7
		08.79- 08.81	113376	14	55				
Ascona B 1.6 N	[16N]	10.76- 08.81	111178	14	70	09.75- 08.81	110341#	12	0.8 BO
Ascona B 1.6 S	[16S]	10.76- 08.81	111178	14	70	09.75- 08.81	110341#	12	0.8 BO
Ascona B 1.9	[19N]	10.76- 08.81	111178	14	70	08.76- 08.81	110341#	12	0.8 BO
Ascona B 1.9 S	[19S]	10.76- 08.81	111178	14	70	09.75- 08.81	110341#	12	0.8 BO
Ascona B 2.0	[20E]	08.79- 08.81	111178	14	70	08.79- 08.81	110341#	12	0.8 BO
	[20N]	08.77- 08.81	111178	14	70	08.77- 08.81	110341#	12	0.8 BO
		08.77- 08.81	113376	14	55				
Ascona B 2.0 S	[20S]	08.77- 08.81	111178	14	70	08.77- 08.81	110341#	12	0.8 BO
Ascona B 2.0 Diesel	[20D]	08.78- 08.81	111656	14	45				
		08.78- 08.81	113376	14	55				
Ascona B 2.4 400	[24E]	08.79- 08.81	111178	14	70	08.79- 08.81	110341#	12	0.8
Ascona C 1.3	[13N]	09.81- 08.86	111656	14	45	09.81- 08.86	111055	12	0.7
		09.81- 08.86	113376	14	55				
		09.84- 08.86	111166	14	70				
Ascona C 1.3 S	[13S]	09.81- 08.88	111656	14	45	09.81- 08.88	111055	12	0.7
		09.81- 08.88	113376	14	55				
		09.84- 08.88	111166	14	70				
Ascona C 1.6	[16N]	09.81- 08.88	110914#	14	45	09.81- 08.88	111056#	12	0.8
		09.81- 08.88	111168	14	55				
		09.81- 08.88	111800	14	65				
	[16SV]	09.86- 08.88	111166	14	70	09.86- 08.88	111127	12	1.4
		09.86- 08.88	113376	14	55	09.86- 08.88	111123	12	0.9
Ascona C 1.6 i	[C16LZ]	09.86- 08.87	111166	14	70	09.86- 08.87	111123	12	0.9
		09.86- 08.87	113376	14	55	09.86- 08.87	111127	12	1.4
	[C16NZ]	09.87- 08.88	111166	14	70	08.87- 08.88	111127	12	0.8
		09.87- 08.88	113376	14	55	08.87- 08.88	111123	12	0.9
	[E16NZ]	09.87- 08.88	111166	14	70	09.87- 08.88	111123	12	0.9
		09.87- 08.88	113376	14	55	09.87- 08.88	111127	12	1.4

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**OPEL** *Continued*

Ascona C 1.6 S	[16SH]	09.81- 08.86	110914#	14 45	09.81- 08.86	111056#	12 0.8		
		09.81- 08.86	111168	14 55					
		09.81- 08.88	111800	14 65					
Ascona C 1.6 Diesel	[16D]	03.82- 08.88	110972	14 65	03.82- 08.88	110839	12 1.7		
		09.84- 08.88	112056	14 70					
		[16DA]	03.82- 08.88	110972				14 65	03.82- 08.88
09.84- 08.88	112056	14 70							
Ascona C 1.8	[E18NV]	09.87- 08.88	110914#	14 45	09.87- 08.88	111122	12 1.0 DR		
		09.87- 08.88	111168	14 55					
		09.87- 08.88	111800	14 65					
	[S18NV]	01.85- 08.86	110914#	14 45	09.87- 08.88	110847	12 1.4 BO		
		01.85- 08.86	111168	14 55					
		01.85- 08.86	111800	14 65					
Ascona C 1.8 E	[C18NE]	01.85- 08.86	110914#	14 45	01.85- 08.86	111056#	12 0.8		
		01.85- 08.86	111168	14 55					
		01.85- 08.86	111800	14 65					
Ascona C 1.8 i	[18E]	09.82- 08.86	110914#	14 45	09.82- 08.86	111056#	12 0.8		
		09.82- 08.86	111168	14 55					
		09.82- 08.86	111800	14 65					
[C18NE]	01.85- 08.86	110914#	14 45	01.85- 08.86	111056#	12 0.8			
	01.85- 08.86	111168	14 55						
	01.85- 08.86	111800	14 65						
Ascona C 2.0 GTI	[20SEH]	03.87- 08.88	111168	14 55	03.87- 08.88	111122	12 1.0 DR		
		03.87- 08.88	111800	14 65				03.87- 08.88	110847
Ascona C 2.0 i	[20NE]	09.86- 08.88	111168	14 55	09.86- 08.88	110847	12 1.4 BO		
		09.86- 08.88	111800	14 65				09.86- 08.88	111122
	[20SEH]	03.87- 08.88	111168	14 55	03.87- 08.88	110847	12 1.4 BO		
		03.87- 08.88	111800	14 65				03.87- 08.88	111122
	[C20NE]	09.86- 08.88	111168	14 55	09.86- 08.88	110847	12 1.4 BO		
		09.86- 08.88	111800	14 65				09.86- 08.88	111122
	[C20NEF]	08.87- 08.88	111800	14 65	08.87- 08.88	111122	12 1.0 DR		
08.87- 08.88		110847	12 1.4 BO						
Astra F 1.4	[14NV]	09.91- 08.94	111166	14 70	09.91- 09.93	111123	12 0.9		
		09.91- 09.93	111891#	14 70					
		09.91-	112229	14 70					
		PS 09.91- 08.92	111170	14 65					
	[14SE]	03.92- 08.92	111170	14 65	09.92- 09.98	111123	12 0.9		
		09.92- 09.98	110077	14 50					
		09.92- 09.98	111166	14 70					
		09.92- 09.98	111891#	14 70					
		PS 09.92-	111426	14 100					
Astra F 1.4 i	[C14NZ]	09.91- 01.99	110077	14 50	09.91- 01.98	111127	12 1.4		
		09.91- 08.94	111166	14 70					
		09.91-	112229	14 70					
		09.94- 01.98	111891#	14 70					
		09.94- 01.98	112689	14 55					
		PS, Chas. P25...-,P30...-,P40...- 09.92- 01.98	112229	14					
		PS 09.91- 08.92	111170	14 65					
		PS 09.91- 01.98	112229	14 70					
		PS 09.92- 01.98	111426	14 100					
		Chas. S2500016-.,S5000001- 09.94- 01.98	111891#	14 70					
	Chas. S2500016-.,S5000001- 09.94- 01.98	112689	14 55						
	S8000001-								
	[C14SE]	03.92- 09.98	110077	14 50	03.92- 03.96	111055	12 0.7		
	03.92- 08.94	112775	14 70						
	03.92- 02.98	112805	14 55						
	09.94- 02.98	111891#	14 70						
	PS 03.92- 08.92	111170	14 65						
	PS 08.92- 02.98	112229	14 70						
	PS 09.92-	111426	14 100						
	[X14NZ]	01.98-	111891#	14 70				01.98-	111123
01.98-	112689	14 55							
PS 01.98-	112229	14 70							
				Only X14NZ OHC	09.97- 08.00	111684	12 1.4		
Astra F 1.4 i 16V	[X14NZ]	01.98-	111891#	14 70	01.98-	111123	12 0.9		
	PS 01.98-	112229	14 70						
[X14XE]	01.96- 02.98	111426	14 100	09.97-	111123	12 0.9			
	01.96- 02.98	111732	14 120						
	02.96-	112229	14 70						
	09.97- 03.01	111990	14 70						
	03.98-	112416	14 100						
Astra F 1.4 Si	[C14SE]	03.92- 03.01	110077	14 50	03.92- 01.98	111127	12 1.4		
		03.92- 08.94	112775	14 70					
		03.92- 01.98	112805	14 55					
		09.94- 01.98	111891#	14 70					
		PS 03.92- 08.92	111170	14 65					
		PS 08.92- 01.98	112229	14 70					
Astra F 1.6	[16LZ2]	09.95- 09.98	111426	14 100					
		09.95- 09.98	111732	14 120					
		09.95- 09.98	112229	14 70					
		02.98-	111990	14 70					
Astra F 1.6 i	[16LZ2]	09.94- 01.98	111426	14 100					
		09.94- 01.98	111732	14 120					
		09.95- 01.98	112229	14 70					
	[16NZR]	09.95- 09.98	111891#	14 70				09.95- 09.98	111123
PS 09.95- 09.98	111170	14 65							
PS 09.95- 09.98	111426	14 100		09.95- 09.98	111127	12 1.4			



[C16NZ]	09.91- 01.98	110077	14	50	09.91- 08.94	111055	12	0.7		
	09.91- 08.94	111166	14	70	09.91- 08.94	111127	12	1.4		
	09.91- 08.94	111732	14	120	09.91- 08.94	111123	12	0.9		
	03.92- 08.94	111891#	14	70						
	PS, Chas. -NA299999, -NE299999, 09.91- 08.94	111170	14	65						
PS, Chas. -NA299999, -NE299999, 09.91- 08.94	-N299999, -N499999, -									
	PS 10.91- 08.92	111170	14	65						
	PS 03.92- 08.94	112229	14	70						
	PS 09.92- 08.94	111426	14	100						
[C16SE]	09.91- 02.98	112229	14	70	03.92- 02.98	111127	12	1.4		
	03.92- 12.94	110077	14	50	03.92- 02.98	111123	12	0.9		
	03.92- 08.94	111170	14	65						
	03.92- 08.94	112775	14	70						
	09.94- 02.98	111891#	14	70						
	PS, Chas. P25...-,P30...-,P40...-	112229	14							
	PS 09.91-	111170	14	65						
	PS 09.92-	111426	14	100						
	Chas. S2500016-,.S5000001-	111891#	14	70						
	.S8000001-									
Chas. -S2500015,-.R5999999,- 03.92- 09.94	112775	14	70							
R8999999										
[X16SZ]	09.92- 08.94	112775	14	70	09.92- 03.96	111127	12	1.4		
	03.93- 08.96	110077	14	50	09.92- 07.96	111123	12	0.9		
	08.94- 07.96	111891#	14	70	09.92- 02.96	111684	12	1.4		
	PS, Chas. P25...-,P30...-,P40...-	112229	14							
	PS 09.92- 03.96	111170	14	65						
	PS 09.92- 07.96	112229	14	70						
	Chas. -S2500015,-.R5999999,- 09.92- 08.94	112775	14	70						
R8999999										
[X16SZR]	09.91- 01.05	110077	14	50	09.91- 06.93	111123	12	0.9		
	09.91- 08.94	111166	14	70	09.91- 06.93	111127	12	1.4		
	09.94- 06.96	111891#	14	70	09.95- 08.00	111684	12	1.4		
	PS 09.92- 06.93	111426	14	100	09.95- 08.97	111055	12	0.7		
	PS 09.92- 06.93	112229	14	70						
[X16XEL]	08.94- 03.98	111426	14	100	08.94- 03.98	111123	12	0.9		
	08.94- 03.98	111732	14	120						
Astra F 1.6 i 16V	[X16XEL]	08.94- 09.98	110077	14	50	09.94-	111123	12	0.9	
		09.94-	112229	14	70	09.94-	111127	12	1.4	
Astra F 1.7 Diesel	[17D]	12.91-	111168	14	55	08.92- 08.94	110839	12	1.7	
		12.91- 09.92	111515	14	70					
		12.91- 08.94	112056	14	70					
	[17DR]	12.91- 08.94	112056	14	70	Eng. 14292840- 07.92- 08.94	110839	12	1.7	
	07.92- 01.99	111515	14	70						
		111426	14	100						
Astra F 1.7 TD	[X17DT (TC4EE1)]	03.95- 02.98	111186	14	70	03.95- 02.98	111690	12	1.1	
		03.95- 02.98	111515	14	70	03.95- 02.98	111274	12	1.2	
	[X17DTL]	12.91- 03.96	111186	14	70	VP	08.94-	110839	12	1.7
		08.94- 01.99	111515	14	70	VP				
		08.94-	112056	14	70					
	AC 04.96-	111831	14	100	VP					
Astra F 1.7 TDS	[17DT (TC4EE1)]	12.91- 01.98	111186	14	70	Eng. 997453- 12.91- 01.98	111690	12	1.1	
		04.96- 01.98	111515	14	70	12.91- 03.96	111274	12	1.2	
	Chas. T2000001- 04.96- 01.98	111515	14	70						
	[X17DT (TC4EE1)]	04.96- 01.98	111515	14	70	04.96- 01.98	111690	12	1.1	
	AC 04.96- 01.98	111831	14	100						
Astra F 1.8 16V	[18SE]	09.95- 09.96	111426	14	100	09.95- 09.96	111848	12	1.0	
		09.95- 09.96	111732	14	120					
		09.95- 09.96	112229	14	70					
	[C18SEL]	09.95- 08.97	111426	14	100	09.95- 08.97	111848	12	1.0	
	09.95- 08.97	111732	14	120						
	09.95- 08.97	112229	14	70						
Astra F 1.8 i	[C18NZ]	09.91- 08.92	111169	14	70	09.91- 12.94	111122	12	1.0	
		09.91- 02.98	111426	14	100	09.91- 12.94	110847	12	1.4	
		09.91- 01.98	111514	14	100					
		09.91- 02.98	111732	14	120					
		09.91-	112229	14	70					
	Chas. P250...-,P300...-,P400...-,P500.	112229	14	70						
	P600 - P810 -									
Astra F 1.8 i 16V	[C18XE]	09.92- 02.98	111426	14	100	09.93- 02.98	111848	12	1.0	
		09.92- 02.98	111732	14	120					
		03.93- 02.98	112229	14	70					
		06.93- 01.98	111514	14	100					
	[C18XEL]	07.94- 03.96	111426	14	100	07.94- 03.96	111848	12	1.0	
		07.94- 01.98	111514	14	100					
		07.94- 02.98	111732	14	120					
		07.94- 03.96	112229	14	70					
	PS 09.94- 03.96	112229	14	70						
	[X18XE]	07.94- 01.98	111514	14	100	04.96- 04.98	111848	12	1.0	
	09.95- 09.98	111732	14	120						
	04.96- 04.98	111426	14	100						
	04.96- 04.98	112229	14	70						
	PS 04.96- 02.98	112229	14	70						
Astra F 2.0 GSi 16V	[C20XE]	09.91- 02.98	111426	14	100	09.91- 12.94	110847	12	1.4	
		09.91- 02.98	111732	14	120	09.91- 12.94	111122	12	1.0	
		09.91- 02.98	112056	14	70					
		09.91- 02.98	112229	14	70					
	PS 09.91-	112229	14	70						





Application list

Opel Continued

Astra F 2.0 i	[C20NE]	09.91- 08.92	111169	14 70	09.91- 12.94	110847	12 1.4	BO
		09.91- 02.98	111426	14 100	09.91- 12.94	111122	12 1.0	DR
		09.91- 09.98	111514	14 100				
		09.91- 02.98	111732	14 120				
		09.91- 02.98	112229	14 70				
Chas. P250.-,P300.-,P400.-,P500.		09.92- 02.98	112229	14 70				
P600 - P810 -								
Astra F 2.0 i 16V	[C20XE]	09.91-	111426	14 100	09.91- 12.94	111122	12 1.0	DR
		09.91-	111732	14 120	09.91- 12.94	110847	12 1.4	BO
		09.91-	112056	14 70				
		09.91-	112229	14 70				
	[X20XE]	01.95-	111426	14 100	01.95-	111848	12 1.0	
		01.95-	111732	14 120				
		01.95-	112229	14 70				
		02.95- 09.98	111514	14 100				
		02.98-	111990	14 70				
		03.98-	112416	14 100				
		PS 01.95-	112229	14 70				
Astra G 1.2 16V	[X12XE]	02.98-	111824	14 70	02.98-	113276	12 1.1	
					02.98-	111123	12 0.9	
Astra G 1.2 i 16V	[X12XE]	09.98-	111824	14 70	09.98-	111123	12 0.9	
					09.97- 09.00	111684	12 1.4	
					09.98-	113276	12 1.1	
	[Z12XE]	09.00-	111824	14 70	09.00-	113276	12 1.1	
					Ecotec 09.00-	111684	12 1.4	
Astra G 1.4 i 16V	[X14XE]	02.98-	111990	14 70	02.98-	111123	12 0.9	
		02.98-	112416	14 100	02.98-	113276	12 1.1	
	[Z14XE]	02.98-	111990	14 70	02.98-	111123	12 0.9	
		02.98-	112416	14 100	02.98-	113276	12 1.1	
					Ecotec 09.00-	111684	12 1.4	
Astra G 1.6	[Z16XEP]	01.03- 10.05	114431	14 120	03.03-	113276	12 1.1	
					03.03-	111123	12 0.9	
Astra G 1.6 16V	[X16XEL]	02.98-	111990	14 70	02.98-	113276	12 1.1	
		02.98-	112416	14 100	02.98-	111123	12 0.9	
	[Z16XE]	03.00- 05.05	114431	14 120	03.00- 05.05	113276	12 1.1	
	[Z16XEP]	03.00- 05.05	114431	14 120	03.00-	111123	12 0.9	
Astra G 1.6 i	[X16SZR]	02.98-	111990	14 70	02.98-	113276	12 1.1	
		02.98-	112416	14 100	02.98-	111123	12 0.9	
	[Z16SE]	09.00-	111990	14 70	09.00-	111123	12 0.9	
		09.00-	112416	14 100	09.00-	113276	12 1.1	
Astra G 1.6 i 16V	[X16XEL]	02.98-	111990	14 70	09.98-	113276	12 1.1	
		09.98-	112416	14 100	02.98-	111123	12 0.9	
	[Z16XE]	02.98-	111990	14 70	02.98-	111123	12 0.9	
		02.98-	112416	14 100	02.98-	113276	12 1.1	
Astra G 1.6 Twinport	[Z16XEP]	12.02- 01.05	114431	14 120	03.03- 06.04	113276	12 1.1	
					03.03- 06.04	111123	12 0.9	
Astra G 1.6	[Z16YNG]				09.02-	111684	12 1.4	
					09.02- 06.04	113276	12 1.1	
Astra G 1.7 CDTi	[Z17DTL]	03.03- 06.04	112271	14 100	03.03- 06.04	112320	12 1.4	
Astra G 1.7 DTi 16V	[Y17DT]	02.00-	112271	14 100	02.00-	112320	12 1.4	
		02.00-	112272	14 70				
		AC 02.00-	112271	14 100				
Astra G 1.7 TD	[X17DTL]	02.98-	112720	14 100	02.98-	110839	12 1.7	
Astra G 1.8 16V	[X18XE1]	02.98-	111990	14 70	02.98-	112431	12 1.1	
		02.98-	112416	14 100				
Astra G 1.8 i 16V	[X18XE1]	02.98-	111990	14 70	03.98-	112431	12 1.1	
		09.98-	112416	14 100	09.98-	113276	12 1.1	
	[Z18XE]	09.00-	111990	14 70	09.00-	113276	12 1.1	
		09.00-	112416	14 100	09.00-	112431	12 1.1	
Astra G 2.0	[Z20LER]	11.02-	112416	14 100	09.01- 06.04	111848	12 1.0	
Astra G 2.0 OPC	[Z20LET]	09.02-	112416	14 100	09.02- 01.04	111848	12 1.0	
Astra G 2.0 16V	[X20XE]	02.98-	111990	14 70	02.98-	111848	12 1.0	
		02.98-	112416	14 100				
	[Z20LET]	03.02-	112416	14 100	03.02-	111848	12 1.0	
Astra G 2.0 i 16V	[X20XER]	11.99-	112416	14 100	11.99-	111848	12 1.0	
	[X20XE]	02.98-	111990	14 70	02.98-	111848	12 1.0	
		09.98-	112416	14 100				
Astra G 2.0 Turbo 16V	[Z20LER]	11.02-	112416	14 100	09.00-	111848	12 1.0	
	[Z20LET]	12.00-	112416	14 100	03.00-	111848	12 1.0	
		Chas. Y6062241-	03.00-	112416	14 100			
Astra G 2.0 Diesel	[X20DTL]	02.98-	112415	14 120	02.98-	113674	12 2.0	
		02.98- 01.05	113879	14 100				
	[Y20DTL]	02.98-	112415	14 120	02.98-	113674	12 2.0	
		02.98- 01.05	113879	14 100				
Astra G 2.0 Diesel Di	[X20DTL]	01.99-	112415	14 120				
		01.99- 04.05	113879	14 100				
Astra G 2.0 DTi 16V	[X20DTH]	08.99- 06.04	112415	14 120	08.99-	113674	12 2.0	
	[Y20DTH]	08.99- 06.04	112415	14 120	08.99-	113674	12 2.0	
Astra G 2.2 i 16V	[Z22SE]	09.00-	113352	14 120	09.00- 05.05	114341	12 1.2	
Astra G 2.2 DTi	[Y22DTR]	09.02- 01.05	112415	14 120	09.02- 01.05	113674	12 2.0	
		09.02- 10.05	114656	14 140				
		09.02- 01.05	114658	14 140				
		A19 09.02- 01.05	114658	14 140				
Astra H 1.3 CDTi	[Z13DTH]	08.05-	113720	14 75	08.05-	113719	12 1.3	
		08.05-	113722	14 90	08.05-	114029	12 1.8	
		08.05-	114451	14 105	08.05-	113843	12 1.1	
Astra H 1.3 CDTi GTC	[Z13DTH]	01.06-	113722	14 90	01.06-	113719	12 1.3	
		01.06-	114451	14 105	01.06-	113843	12 1.1	
					01.06-	114029	12 1.8	
Astra H 1.4	[Z14XEL]	04.04- 10.04	111824	14 70	04.04- 10.04	113276	12 1.1	

**STARTERS & ALTERNATORS**

O.E.M. names and numbers are used for reference purposes only.



	[Z14XEP]					03.04-	111123	12	0.9
Astra H 1.4 Twinport GTC	[Z14XEP]					03.05-	111123	12	0.9
Astra H 1.4 LPG	[Z14XEP]	08.09-	111824	14	70	08.09-	113276	12	1.1
Astra H 1.6	[Z16XEP]	03.04-	114431	14	120	03.04-	113276	12	1.1
						03.04-	114298	12	1.1
	[Z16XER]	12.06-	114431	14	120	12.06-	114298	12	1.1
		12.06-	114668	14	100				
Astra H 1.6 Ecotec	[Z16XER]	02.07-	114431	14	120	02.07-	114298	12	1.1
Astra H 1.6 GTC	[Z16XER]	12.06-	114431	14	120	12.06-	114298	12	1.1
		12.06-	114668	14	100				
Astra H 1.6 Turbo	[Z16LET]					02.07-	114298	12	1.1
Astra H 1.6 Turbo GTC	[Z16LET]					02.07-	114298	12	1.1
Astra H 1.6 Twinport	[Z16XEP]	08.04-	114431	14	120	08.04-	113276	12	1.1
						08.04-	114298	12	1.1
Astra H 1.6 Twinport GTC	[Z16XEP]	03.05-	114431	14	120	03.05-	113276	12	1.1
						03.05-	114298	12	1.1
Astra H 1.6 LPG	[Z16XER]	08.09-	114431	14	120	08.09-	114298	12	1.1
		08.09-	114668	14	100				
Astra H 1.7 CDTi	[A17DTJ]	02.07-	114665	14	100	02.07-	112320	12	1.4
	[A17DTR]	02.07-	114665	14	100	02.07-	112320	12	1.4
	[D17DTL]	08.04-	113956	14	100 A47	08.04-	112320	12	1.4
		08.04-	114121	14	110				
	[Z17DTH]	03.04-	113956	14	100 A47	03.04-	112320	12	1.4
		03.04-	114121	14	110				
		AC 08.04-	114121	14	110				
	[Z17DTJ]	02.07-	114665	14	100	02.07-	112320	12	1.4
	[Z17DTL]	03.04-	113956	14	100 A47	03.04-	112320	12	1.4
		03.04-	114121	14	110				
	[Z17DTR]	02.07-	114665	14	100	02.07-	112320	12	1.4
		07.10-	114512	14	140				
Astra H 1.7 CDTi Ecotec	[Z17DTL]	03.05- 03.07	113956	14	100 A47				
		AC 03.05- 03.07	114121	14	110				
Astra H 1.7 CDTi GTC	[A17DTR]	02.07-	114665	14	100				
	[Z17DTH]	03.05-	113956	14	100 A47	03.05-	112320	12	1.4
		AC 03.05-	114121	14	110				
Astra H 1.7 CRDi	[Z17DT]	02.07-	114665	14	100	02.07-	112320	12	1.4
Astra H 1.8	[Z18XE]					03.04-	113276	12	1.1
	[Z18XER]	08.05-	114431	14	120 0 124 425 005	10.03-	113841	12	1.7
		09.05-	114668	14	100	08.05-	114298	12	1.1
Astra H 1.8 Ecotec	[Z18XER]	02.07-	114431	14	120	02.07-	114298	12	1.1
Astra H 1.8 GTC	[Z18XER]	01.06-	114431	14	120	01.06-	114298	12	1.1
		01.06-	114668	14	100				
Astra H 1.8 i GTC	[Z18XE]					03.05-	113276	12	1.1
Astra H 1.9 CDTi	[Z19DT]	09.05-	113904	14	130	09.05-	113931	12	1.7
		09.05-	113955	14	105 A47				
		09.05-	114088	14	140				
		09.05-	114204	14	120				
		09.05-	114801	14	105 A46				
		09.05-	115487	14	140 A49				
	[Z19DTH]	09.04-	113904	14	130	09.04-	113931	12	1.7
		09.04-	113955	14	105 A47	09.04-	114058	12	1.7
		09.04-	114088	14	140				
		09.04-	114204	14	120				
		09.04-	114510	14	120				
		09.04-	114801	14	105 A46				
		09.04-	115487	14	140 A49				
	[Z19DTJ]	08.04-	113904	14	130	08.04-	114058	12	1.7
Astra H 1.9 CDTi 16V	[Z19DTH]	04.04-	113904	14	130				
		04.04-	113955	14	105 A47				
		04.04-	114088	14	140				
		04.04-	114204	14	120				
		04.04-	114801	14	105 A46				
		04.04-	115487	14	140 A49				
	[Z19DTJ]	04.04-	113904	14	130	04.04-	114058	12	1.7
		04.04-	113955	14	105 A47				
		04.04-	114088	14	140				
		04.04-	114204	14	120				
		04.04-	114801	14	105 A46				
		04.04-	115487	14	140 A49				
Astra H 1.9 CDTi 16V GTC	[Z19DTH]	03.05-	113904	14	130	03.05-	113931	12	1.7
		03.05-	113955	14	105 A47				
		03.05-	114088	14	140				
		03.05-	114204	14	120				
		03.05-	114801	14	105 A46				
		03.05-	115487	14	140 A49				
	[Z19DTJ]	03.05-	113904	14	130	03.05-	114058	12	1.7
		03.05-	113955	14	105 A47				
		03.05-	114088	14	140				
		03.05-	114204	14	120				
		03.05-	114801	14	105 A46				
		03.05-	115487	14	140 A49				
Astra H 1.9 CDTi GTC	[Z19DT]	09.05-	113904	14	130	09.05-	113931	12	1.7
		09.05-	113955	14	105 A47				
		09.05-	114088	14	140				
		09.05-	114204	14	120				
		09.05-	114801	14	105 A46				
		09.05-	115487	14	140 A49				

## STARTERS & ALTERNATORS

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OPEL Continued

	[Z19DTL]	01.06-	113904	14 130		01.06-	113931	12 1.7	
		01.06-	113955	14 105 A47					
		01.06-	114088	14 140					
		01.06-	114204	14 120					
		01.06-	114801	14 105 A46					
		01.06-	115487	14 140 A49					
Astra H 2.0 Turbo	[Z20LEL]					03.04-	111848	12 1.0	
	[Z20LER]					09.04-	111848	12 1.0	
Astra H 2.0 Turbo GTC	[Z20LEL]					03.05-	111848	12 1.0	
	[Z20LER]					03.05-	111848	12 1.0	
Astra J 1.4	[A14XER]					06.12-	115395	12 1.1	
Astra J 1.4 GTC	[A14NET]					10.11-	115395	12 1.1	
Astra J 1.4 Turbo	[A14NET]					06.12-	115395	12 1.1	
Astra J 1.4 BiFuel LPG	[A14NET]					01.12-	115395	12 1.1	
Astra J 1.6	[A16LET]					10.11-	114298	12 1.1	
	[A16XER]					10.10-	114298	12 1.1	
Astra J 1.6 Ecotec	[A16XER]	12.09-	115410*	14 100		12.09-	114298	12 1.1	
Astra J 1.6 Turbo	[A16LET]	06.12-	114779*	14 100		06.12-	114298	12 1.1	
	[A16XER]	06.12-	114779*	14 100		06.12-	114298	12 1.1	
Astra J 1.6 Turbo ecotec	[A16LET]					10.10-	114298	12 1.1	
Astra J 1.7 CDTi	[A17DTL]					10.10-	112320	12 1.4	
Astra J 1.8 GTC	[A18XER]	10.11-	115410*	14 100		10.11-	114298	12 1.1	
Astra J 2.0 GTC	[A20DTH]	10.11-	114202	14 100					
Astra J 2.0 BiTurbo CDTi	[A20DTR]	12.12-	114202	14 100		12.12-	113931	12 1.7	
						12.12-	114058	12 1.7	
Astra J 2.0 BiTurbo CDTi Sports Tourer	[A20DTR]	12.12-	114202	14 100		12.12-	113931	12 1.7	
						12.12-	114058	12 1.7	
Astra J 2.0 CDTi	[A20DTH]	06.11-	114202	14 100					
Astra J 2.0 CDTi Sports Tourer	[A20DTH]	08.11-	114202	14 100					
Astra J GTC 2.0 BiTurbo CDTi	[A20DTR]	10.12-	114202	14 100		10.12-	114058	12 1.7	
						10.12-	113931	12 1.7	
Astra Sports Tourer 1.4 BiFuel LPG	[A14NET]					01.12-	115395	12 1.1	
Calibra A 2.0 i	[C20NE]	06.90- 08.92	111169	14 70		AT 06.90- 07.97	110847	12 1.4 BO	
		06.90- 07.97	111514	14 100		06.90- 07.97	111122	12 1.0 DR	
		06.90- 07.97	112229	14 70					
		09.92- 07.97	111426	14 100					
		09.92- 07.97	111732	14 120					
Calibra A 2.0 i 16V	[C20XE]	06.90- 08.91	112056	14 70		06.90- 12.94	110847	12 1.4 BO	
		06.90- 07.97	112229	14 70		06.90- 12.94	111122	12 1.0 DR	
		09.90- 02.94	111514	14 100					
		09.91- 07.97	111169	14 70					
		09.92- 07.97	111426	14 100					
		09.92- 07.97	111732	14 120					
	[X20XEV]	09.92- 07.97	111426	14 100		02.94- 07.97	111848	12 1.0	
		11.93- 03.97	111732	14 120					
		11.93- 03.97	112229	14 70					
Calibra A 2.0 i 16V 4x4	[C20XE]	06.90- 08.92	112056	14 70		06.90- 12.94	110847	12 1.4 BO	
		09.91- 07.97	111169	14 70		06.90- 12.94	111122	12 1.0 DR	
		09.92- 07.97	111426	14 100					
		09.92- 07.97	111732	14 120					
		09.92- 07.97	112229	14 70					
	[X20XEV]	11.93- 03.97	111426	14 100		02.94- 07.97	111848	12 1.0	
		11.93- 03.97	111732	14 120					
		11.93- 03.97	112229	14 70					
Calibra A 2.0 i 4x4	[C20NE]	06.90- 08.92	111169	14 70		06.90- 07.97	111122	12 1.0 DR	
		09.92- 07.97	111426	14 100		AT 06.90- 07.97	110847	12 1.4 BO	
		09.92- 07.97	111732	14 120					
		09.92- 07.97	112229	14 70					
Calibra A 2.0 i Turbo 4x4	[C20LET]	03.92- 07.97	111514	14 100		03.92- 12.94	111122	12 1.0 DR	
		03.92- 08.92	112056	14 70		03.92- 12.94	110847	12 1.4 BO	
		09.92- 03.97	111426	14 100					
		09.92- 03.97	111732	14 120					
		09.92- 03.97	112229	14 70					
Calibra A 2.5 i V6	[C25XE]	04.93- 07.97	111514	14 100					
Campo 2.2 Diesel	[C223]	08.87- 09.96	110697	14 50		08.87- 09.96	111683	12 2.0	
Campo 2.2 Diesel 4x4	[C223]	08.91- 09.96	110697	14 50		08.91- 09.96	111683	12 2.0	
Campo 2.3	[4ZD1]	08.91- 09.96	110679	14 60					
Campo 2.3 4x4	[4ZD1]	08.91- 09.96	110679	14 60					
Campo 2.5 Diesel	[4JA1]	09.91- 11.95	111267	14 50		09.91- 11.94	111559	12 2.0	
		09.91- 11.95	111767	14 80		12.94- 11.95	112083	12 2.8	
Campo 2.5 DTi	[4JA1]	RHD 08.01-	111767	14 80		12.01-	112083	12 2.8	
Campo 2.5 DTi 4x4	[4JA1]	RHD 08.01-	111767	14 80		12.01-	112083	12 2.8	
Campo 2.5 TD	[4JA1]	02.89- 06.97	111267	14 50		12.89- 08.97	112083	12 2.8	
		02.89- 06.97	111767	14 80					
	[4JA1T]	07.94-	111267	14 50		07.94-	112083	12 2.8	
		07.94-	111767	14 80					
Campo 2.5 TD 4x4	[4JA1]	08.91- 06.94	111767	14 80		02.89- 08.97	112083	12 2.8	
	[4JA1T]	07.94-	111267	14 50		07.94-	112083	12 2.8	
		07.94-	111767	14 80					
Campo 3.1 TD	[4JG2T]	12.92- 07.95	111267	14 50		12.92- 09.94	111559	12 2.0	
		03.95- 08.97	112228	14 60 VP		12.92-	112083	12 2.8	
Campo 3.1 TD 4x4	[4JG2T]	12.92- 07.95	111267	14 50		10.94-	112083	12 2.8	
		12.92-	112228	14 60					
Cascada 1.4	[A14NEL]					03.13-	115395	12 1.1	
Cascada 1.4 Turbo	[A14NET]					03.13-	115395	12 1.1	
Cascada 2.0 CDTi	[A20DTH]					03.13-	113931	12 1.7	
	[A20DTR]					03.13-	113931	12 1.7	



Combo 1.2 i	[C12NZ]	03.94-	112689	14	55	09.97-	10.01	113276	12	1.1	
		03.94-	113376	14	55	03.94-	09.97	111123	12	0.9	
		ATAC 03.94-	112229	14	70	03.94-	09.97	111127	12	1.4	
		AT 03.94-	111166	14	70	09.94-	10.01	111684	12	1.4	
		AT 03.94-	111891#	14	70						
[X12SZ]		07.94-	111426	14	100	07.94-	08.97	111123	12	0.9	
		07.94-	112229	14	70	08.97-	10.01	113276	12	1.1	
		07.94-	112689	14	55						
		Chas. -S6000012 07.94-	10.01	112805	14	55					
Combo 1.3 CDTi 16V	[Z13DT]	08.05-	113720	14	75	08.05-		113719	12	1.3	
		08.05-	113722	14	90	08.05-		113843	12	1.1	
[Z13DTJ]		10.05-	113720	14	75	10.05-		113719	12	1.3	
		10.05-	113722	14	90	10.05-		113843	12	1.1	
Combo 1.3 CDTi 16V Tour	[Z13DT]	10.04-	113720	14	75	10.04-		113719	12	1.3	
		10.04-	113722	14	90	10.04-		113843	12	1.1	
Combo 1.4	[C14NZ]	07.94- 03.96	111732	14	120	07.94- 03.96		111127	12	1.4	
		07.94- 03.96	113376	14	55	07.94- 03.96		111123	12	0.9	
		PS 07.94- 03.96	112229	14	70						
		Chas. S6000013- 07.94- 03.96	112689	14	55						
		AT 07.94- 03.96	111166	14	70						
		AT 07.94- 03.96	111891#	14	70						
		ACPS 07.94- 03.96	111426	14	100						
		AC, Chas. R4000001- 07.94- 03.96	112229	14	70						
		AC 07.94- 03.96	113376	14	55						
		[X14SZ]					04.96-	10.01	113276	12	1.1
Combo 1.4 Tour	[Z14XEP]				10.04-		111123	12	0.9		
Combo 1.4 16V	[X14XE]	08.99- 10.01	111426	14	100	08.99-	10.01	111123	12	0.9	
		08.99- 10.01	112229	14	70						
[Z14XEP]		08.05-	111824	14	70	08.05-		111123	12	0.9	
Combo 1.4 i	[C14SE]	07.94- 10.01	110077	14	50	07.94-		111127	12	1.4	
		07.94-	112229	14	70	07.94-		111123	12	0.9	
		07.94-	112689	14	55	09.94-	10.01	111684	12	1.4	
		PS 07.94-	112229	14	70	08.97-	10.01	113276	12	1.1	
		AT 09.94-	111891#	14	70						
		AC 07.94-	111732	14	120						
Combo 1.6	[Z16SE]	10.01- 08.04	111990	14	70	10.01-	08.04	113276	12	1.1	
						10.01-		111684	12	1.4	
Combo 1.6 16V Tour	[Z16YNG]	06.06-	112416	14	100	06.06-		113276	12	1.1	
Combo 1.7 CDTi 16V	[Z17DTH]	12.04-	113941	14	100	12.04-		112320	12	1.4	
Combo 1.7 CDTi 16V Tour	[Z17DTH]	12.04-	113941	14	100						
		AC 12.04-	114121	14	110						
Combo 1.7 Diesel	[17D (4EE1)]	04.94- 06.96	111186	14	70	VP	Eng. 877696- 07.94-	111534	12	1.4	
		07.94-	111515	14	70	VP	Eng. -00877695 07.94-	111136	12	1.4	
		AC 04.96-	111831	14	100	VP					
		[X17D (4EE1)]	Eng. 00975025- 07.94-	111515	14	70		Eng. 877696- 07.94-	111534	12	1.4
		Eng. -00975024 07.94-	111186	14	70		Eng. -00877695 07.94-	111136	12	1.4	
AC 04.96-		111831	14	100							
Combo 1.7 Diesel 16V	[Y17DTL]	10.01- 08.04	112271	14	100	10.01-	08.04	112320	12	1.4	
		10.01- 08.04	112272	14	70						
Combo 1.7 DTi 16V	[Y17DT]	10.01- 08.04	112272	14	70	10.01-	08.04	112320	12	1.4	
		AC 10.01- 08.04	112271	14	100						
Commodore A 2.5 GS	[25H]	08.67- 01.72	112228	14	60						
Commodore B 2.5	[25S]	02.75- 07.78	111178	14	70						
Commodore B 2.5 GS	[25H]	01.72- 08.75	111178	14	70						
Commodore B 2.6	[25S]	10.76- 07.78	111178	14	70						
Commodore B 2.8 GS	[28HC]	10.76- 07.78	111178	14	70						
Commodore B 2.8 GS/E	[28HC]	03.75- 07.78	111178	14	70						
Commodore C 2.5	[25S]	08.78- 12.82	111178	14	70						
Commodore C 2.5 E	[25E]	12.80- 12.82	111178	14	70						
Corsa 1.4	[A14NEL]					07.12-		115395	12	1.1	
Corsa A 1.0	[10S]	09.82- 03.93	111178	14	70	09.82-	03.93	110364	12	0.65	
		09.82- 03.93	111656	14	45						
		09.82- 03.93	113376	14	55						
		RHD 09.82- 03.93	113376	14	55						
Corsa A 1.0 S	[10S]	02.86- 03.93	111178	14	70	02.86-	08.88	110364	12	0.65	
		02.86- 03.93	111656	14	45						
		02.86- 03.93	113376	14	55						
		RHD 02.86- 03.93	113376	14	55						
Corsa A 1.2	[12 S]	09.82- 08.90	111166	14	70	09.82-	08.90	111055	12	0.7	
		09.82- 08.90	111656	14	45	09.82-	08.90	111123	12	0.9	
	[12NC]		01.85- 12.86	111166	14	70	01.85-	12.86	110364	12	0.65
			01.85- 12.86	111656	14	45					
			01.85- 12.86	113376	14	55					
	[12NV]		09.86- 03.93	111166	14	70	09.86-	03.93	111127	12	1.4
			09.86- 08.88	113376	14	55	09.86-	03.93	111123	12	0.9
						09.86-	03.93	111055	12	0.7	
	[12ST]		02.86- 04.89	110077	14	50	02.86-	04.89	111127	12	1.4
			02.86- 04.89	111166	14	70	02.86-	04.89	111123	12	0.9
02.86- 08.86			111656	14	45	02.86-	08.88	111055	12	0.7	
02.86- 08.88			113376	14	55						
[E12GV]		01.85- 03.93	111166	14	70	01.85-	03.93	110364	12	0.65	
		01.85- 08.86	111656	14	45						
		01.85- 08.88	113376	14	55						
Corsa A 1.2 i	[12NC]	09.82- 08.86	111656	14	45	01.85-	03.93	110364	12	0.65	
		09.82- 08.88	113376	14	55						
		09.84- 03.93	111166	14	70						

## STARTERS & ALTERNATORS

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	[C12NZ]	09.89- 03.93	111166	14 70		09.89- 03.93	111055	12 0.7
						09.89- 03.93	111123	12 0.9
						09.89- 03.93	111127	12 1.4
	[E12GV]	01.87- 03.93	111166	14 70		01.87- 03.93	110364	12 0.65
Corsa A 1.2 N	[12NC]	01.85- 03.93	111166	14 70		01.85- 03.93	110364	12 0.65
		01.85- 08.86	111656	14 45				
		01.85- 08.88	113376	14 55				
Corsa A 1.2 S	[12S]	09.82- 08.88	111166	14 70		09.82- 10.87	111127	12 1.4
		09.82- 08.94	111656	14 45		09.82- 10.87	111055	12 0.7
		04.83- 08.94	113376	14 55		09.82- 10.87	111123	12 0.9
	[12ST]	09.82- 03.93	110077	14 50		09.82- 03.93	111055	12 0.7
		09.82- 03.93	111166	14 70		09.82- 03.93	111123	12 0.9
		09.82- 08.86	111656	14 45		09.82- 03.93	111127	12 1.4
		09.82- 08.88	113376	14 55				
Corsa A 1.3	[13NB]	09.85- 03.93	111166	14 70		09.85- 03.93	111127	12 1.4
		09.85- 08.86	111656	14 45		09.85- 03.93	111055	12 0.7
		09.85- 08.88	113376	14 55		09.85- 03.93	111123	12 0.9
	[13SB]	09.82- 08.86	111656	14 45		09.82- 03.93	111055	12 0.7
		09.82- 08.88	113376	14 55		09.82- 03.93	111127	12 1.4
		02.86- 04.89	110077	14 50		09.82- 03.93	111123	12 0.9
		09.88- 03.93	111166	14 70				
Corsa A 1.3 i	[13NB]	09.85- 03.93	111166	14 70		09.85- 03.93	111127	12 1.4
		09.85- 08.86	111656	14 45		09.85- 03.93	111055	12 0.7
		09.85- 08.88	113376	14 55		09.85- 03.93	111123	12 0.9
	[C13N]	09.85- 03.93	111166	14 70		09.85- 03.93	111055	12 0.7
		09.85- 08.86	111656	14 45		09.85- 03.93	111127	12 1.4
		09.85- 08.88	113376	14 55		09.85- 03.93	111123	12 0.9
Corsa A 1.3 S	[13SB]	09.82- 10.89	110077	14 50		09.82- 03.93	111055	12 0.7
		09.82- 08.86	111656	14 45		09.82- 03.93	111127	12 1.4
		09.82- 10.89	113376	14 55		09.82- 03.93	111123	12 0.9
		09.84- 03.93	111166	14 70				
Corsa A 1.4 i	[C14NZ]	10.89- 03.93	111166	14 70		01.90- 03.93	111123	12 0.9
						10.89- 03.93	111055	12 0.7
						01.90- 03.93	111127	12 1.4
	[C14SE]	09.91- 03.93	112775	14 70		09.91- 03.93	111123	12 0.9
		09.91- 03.93	112805	14 55		09.91- 03.93	111127	12 1.4
Corsa A 1.4 S	[14NV]	09.89- 03.93	111166	14 70		09.89- 03.93	111123	12 0.9
						01.90- 03.93	111055	12 0.7
						01.90- 03.93	111127	12 1.4
Corsa A 1.5 Diesel	[15D (4EC1)]	09.87- 02.93	111187	14 70		06.87- 03.93	111136	12 1.4
		Chas. M4000001- 06.87- 03.93	111467#	14 70				
		Chas. -L4999999 06.87- 03.93	111187	14 70				
Corsa A 1.5 TD	[15DT (T4EC1)]	Chas. M4000001- 10.87- 03.93	111467#	14 70		10.87- 03.93	111274	12 1.2
		Chas. -L4999999 10.87- 03.93	111187	14 70				
Corsa A 1.6 GSi	[C16NZ]	08.88- 09.92	111166	14 70		08.88- 09.92	111123	12 0.9
	[C16SE]	05.88- 03.93	111166	14 70		05.88- 03.93	111123	12 0.9
						05.88- 03.93	111127	12 1.4
	[C16SEI]	09.89- 03.93	111166	14 70		09.89- 03.93	111123	12 0.9
						09.89- 03.93	111127	12 1.4
	[E16SE]	05.88- 03.92	110077	14 50		05.88- 03.93	111123	12 0.9
		05.88- 03.93	111166	14 70		05.88- 03.93	111127	12 1.4
		05.88- 08.88	113376	14 55				
Corsa B 1.0 i 12V	[X10XE]	03.97-	111824	14 70		03.97-	111123	12 0.9
Corsa B 1.2 i	[12NZ]	03.93- 09.00	111166	14 70		09.94- 09.00	113276	12 1.1
		03.93- 09.00	111891#	14 70		09.94- 09.00	111684	12 1.4
		03.93- 09.00	112229	14 70				
		03.93- 09.00	112689	14 55				
	[C12NZ]	03.93-	111166	14 70		03.93- 09.97	111123	12 0.9
		03.93-	112689	14 55		03.93- 09.97	111127	12 1.4
		03.93- 09.94	113376	14 55				
		AT 03.93-	111166	14 70				
		AT 09.94-	111891#	14 70				
		AC 03.93-	112229	14 70				
	[X12SZ]	03.93-	111166	14 70		03.93- 09.97	111127	12 1.4
		03.93-	112689	14 55		03.93- 09.97	111123	12 0.9
		03.93- 09.94	113376	14 55				
		AT 03.93-	111166	14 70				
		AT 09.94-	111891#	14 70				
		AC 03.93-	112229	14 70				
Corsa B 1.2 i 16V	[X12XE]	01.98-	111824	14 70		01.98-	111123	12 0.9
						09.94- 08.00	111684	12 1.4
Corsa B 1.4 i	[C14NZ]	03.93- 09.00	110077	14 50		03.93- 03.96	111127	12 1.4
		03.93- 03.96	111426	14 100		03.93- 03.96	111123	12 0.9
		03.93- 09.00	111514	14 100				
		03.93-	112229	14 70				
		03.93- 03.96	112689	14 55				
		PS 03.93- 03.96	112229	14 70				
		AT 03.93-	111166	14 70				
		AT 09.94- 03.96	111891#	14 70				
		AC 03.93- 03.96	111732	14 120				
		AC 03.93- 03.96	112229	14 70				
		AC 09.93- 03.96	111426	14 100				
	[X14SZ]	03.93- 09.00	110077	14 50		09.96- 08.98	113276	12 1.1
		03.93- 09.00	111514	14 100		08.99- 09.00	111123	12 0.9
		09.96- 08.98	111426	14 100				
		09.96- 09.00	111891#	14 70				
		09.96- 09.00	112689	14 55				
		ACPS 09.96- 09.00	112229	14 70				

**STARTERS & ALTERNATORS**

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Corsa B 1.4 i 16V	[C14SEL]	08.97- 09.00	111426	14	100	08.97- 09.00	111123	12	0.9
		08.97- 09.00	112229	14	70				
	[X14XE]	09.94-	111426	14	100	09.94- 09.97	111123	12	0.9
		09.94- 09.00	111514	14	100	09.94- 09.97	111127	12	1.4
		09.94-	111732	14	120				
Corsa B 1.4 Si	[C14SE]	09.94- 03.96	111891#	14	70				
		09.94-	112229	14	70				
		03.93- 09.00	111514	14	100	03.93-	111127	12	1.4
		03.93-	111732	14	120	03.93-	111123	12	0.9
		03.93-	112229	14	70				
Corsa B 1.5 Diesel	[15D (4EC1)]	03.93-	111515	14	70	Eng. -00877695 03.93- 09.00	111136	12	1.4
		03.93-	111186	14	70	Eng. 877696- 03.93- 09.00	111534	12	1.4
		Chas. -L4999999 03.93-							
		03.93-	111515	14	70	Chas. 877696- 09.94- 09.00	111534	12	1.4
		Eng. -00975024 03.93-	111186	14	70	03.93-	111136	12	1.4
Corsa B 1.5 TD	[15DT (T4EC1)]	03.93-	111515	14	70	Chas. 877696- 04.96- 09.00	111534	12	1.4
		Eng. 00975025-							
		04.96-	111515	14	70				
		Eng. -00975024 04.96-	111186	14	70	04.96-	111136	12	1.4
		04.96-	111186	14	70				
Corsa B 1.6 GSi 16V	[C16XE]	03.93-	111426	14	100	03.93- 09.97	111127	12	1.4
		03.93-	112229	14	70	03.93- 09.97	111123	12	0.9
Corsa B 1.6 i 16V	[C16SEL]	08.97- 09.00	111426	14	100	08.97- 09.00	111123	12	0.9
		08.97- 09.00	112229	14	70				
		09.94-	111426	14	100	09.94- 09.97	111123	12	0.9
Corsa B 1.7 Diesel	[17D (4EE1)]	09.94- 09.00	111514	14	100	09.94- 09.97	111127	12	1.4
		09.94-	112229	14	70				
		02.96- 09.00	111515	14	70	Eng. -00877695 03.93- 09.00	111136	12	1.4
		03.93-	111186	14	70	Eng. 877696- 02.96- 09.00	111534	12	1.4
		Eng. -975024							
Corsa C 1.0 Twinport	[Z10XEP]	02.96- 09.00	111515	14	70	Eng. 877696- 02.96- 09.00	111534	12	1.4
		02.96- 09.00	111515	14	70	Eng. -00877695 02.96- 09.00	111136	12	1.4
Corsa C 1.0 i 12V	[Z10XE]	06.03-	111824	14	70	06.03-	113276	12	1.1
		06.03-				06.03-	111123	12	0.9
Corsa C 1.0 i 12V	[Z10XE]	09.00-	111824	14	70	Chas. 19P00894- 09.00-	113276	12	1.1
		09.00-				Chas. -19P00893 09.00-	111123	12	0.9
Corsa C 1.2	[Z12XEP]					07.05-	113276	12	1.1
Corsa C 1.2 Twinport	[Z12XEP]					07.04-	111123	12	0.9
Corsa C 1.2 i 16V	[Z12XE]	09.00-	111824	14	70	09.00-	113276	12	1.1
		09.00-				09.00-	111123	12	0.9
Corsa C 1.3 CDTi	[Z13DT]	09.00-				09.00-	111684	12	1.4
		06.03-	113720	14	75	06.03-	113719	12	1.3
		06.03-	113722	14	90	06.03-	113843	12	1.1
Corsa C 1.3 CDTi 16V	[Z13DT]	06.03-	114451	14	105				
		08.05-	113720	14	75	08.05-	113843	12	1.1
		08.05-	113722	14	90	08.05-	113719	12	1.3
Corsa C 1.4 i 16V	[Z14XE]	08.05-	114451	14	105				
		09.00-	111990	14	70	09.00-	113276	12	1.1
		09.00-	112416	14	100	09.00-	111123	12	0.9
Corsa C 1.4 i 16V	[Z14XEP]	09.00-	111123						
Corsa C 1.4 Twinport	[Z14XEP]					06.03-	111123	12	0.9
Corsa C 1.7 CDTi	[Z17DTH]	06.03-	113941	14	100	09.03-	112320	12	1.4
Corsa C 1.7 CDTi SE	[Z17DTH]	08.03- 09.06	113941	14	100				
		08.03- 09.06	114121	14	110				
Corsa C 1.7 Diesel 16V	[Y17DTL]	09.00-	112272	14	70	09.00-	112320	12	1.4
		AC 09.00-	112271	14	100				
Corsa C 1.7 DT	[Y17DTL]	09.00-	112272	14	70	09.00-	112320	12	1.4
		AC 09.00-	112271	14	100				
Corsa C 1.7 DTi	[Y17DT]	09.00-	112272	14	70	09.00-	112320	12	1.4
		AC 09.00-	112271	14	100				
Corsa C 1.7 DTi 16V	[Y17DT]	09.00-	112272	14	70	09.00-	112320	12	1.4
		AC 09.00-	112271	14	100				
Corsa C 1.8 i 16V	[Z18XE]	09.00-	111990	14	70	09.00-	113276	12	1.1
		09.00-	112416	14	100				
Corsa D 1.0	[A10XEP]					07.06-	113276	12	1.1
Corsa D 1.2	[A12XEL]					06.10-	113276	12	1.1
						06.10-	115395	12	1.1
						06.10-	113276	12	1.1
						06.10-	115395	12	1.1
						07.09-	113276	12	1.1
Corsa D 1.2 LPG	[A12XER]					08.11-	115395	12	1.1
Corsa D 1.3 CDTi	[A13DTC]	07.06-	114409	14	100				
		07.06-	114754	14	120				
		06.10-	114409	14	100	06.10-	114029	12	1.8
		06.10-	114754	14	120				
		06.10-	114409	14	100	06.10-	114029	12	1.8
		06.10-	114754	14	120				
		07.06-	114409	14	100	07.06-	113843	12	1.1
		07.06-	114754	14	120				
Corsa D 1.4	[A14XER]	07.06-	114754	14	120				
		07.06-				06.10-	113276	12	1.1
Corsa D 1.4 LPG	[A14XEL]					06.10-	115395	12	1.1
						07.06-	113276	12	1.1
Corsa D 1.4 Ecoflex	[Z14XEP]					09.09-	113276	12	1.1
Corsa D 1.6 Turbo	[A16LER]					09.09-	115395	12	1.1
						06.11-	114298	12	1.1
						02.07-	114298	12	1.1
Corsa D 1.7 CDTi	[Z17DTR]					02.07-	114298	12	1.1
		07.06-	114665	14	100				

## STARTERS & ALTERNATORS

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Application list

Opel Continued

Corsa D 1.7 CDTI 16V	[A17DTS]	06.10-	114665	14	100				
Diplomat B 2.8	[28E]	07.71- 02.75	111178	14	70				
Frontera A 2.0 i Sport	[C20NE]	03.92- 08.95	111169	14	70	03.92- 08.95	111122	12	1.0 DR
		03.92- 10.98	111514	14	100	03.92- 08.95	110847	12	1.4 BO
	[X20SE]	03.92- 10.98	111514	14	100				
		02.95- 10.98	111426	14	100				
		AC 02.95- 10.98	111732	14	120				
Frontera A 2.2 i	[X22XE]	03.95-	111426	14	100	03.95-	111848	12	1.0
		03.95- 10.98	111514	14	100				
		AC 03.95-	111732	14	120				
Frontera A 2.3 TD	[23DTR]	03.92- 08.95	111164	14	70	03.92- 08.95	110844	12	2.2
Frontera A 2.4 i	[C24NE]	03.92- 08.95	111178	14	70				
Frontera A 2.5 TDS	[25TDS]					06.96-	111724	12	2.0
Frontera A 2.5 TDS Sport	[25TDS]					06.96-	111724	12	2.0
Frontera A 2.8 TD	[28TDI (4JB1T)]	03.95- 10.98	110077	14	50	03.92- 08.98	110807	12	0.85
		03.95-	111767	14	80	03.95-	111559	12	2.0
	[4JB1T]	03.95- 08.96	110077	14	50	03.92- 08.98	110807	12	0.85
		03.95- 08.96	111767	14	80	03.95- 08.96	111559	12	2.0
Frontera B 2.2 i	[X22SE]	02.95-	111426	14	100	02.95-	111848	12	1.0
		AC 02.95-	111732	14	120				
	[Y22SE]					02.95-	111848	12	1.0
Frontera B 2.2 DTi	[Y22DTH]					09.02-	113674	12	2.0
GT 1.1	[11SR]	09.68- 12.70	110077	14	50	09.68- 12.70	110364	12	0.65
GT 1.9	[19S]					09.68- 08.73	110341#	12	0.8
Insignia 1.4 Sports Tourer	[A14NET]					09.11-	115395	12	1.1
Insignia 1.4 LPG	[A14NET]					07.12-	115395	12	1.1
Insignia 1.4 Sports Tourer	[A14NET]					07.12-	115395	12	1.1
Insignia 1.6	[A16LET]					07.08-	114298	12	1.1
	[A16XER]					07.08-	114298	12	1.1
Insignia 1.6 Caravan	[A16XER]					07.08-	114298	12	1.1
Insignia 1.6 Turbo	[A16LET]					07.08-	114298	12	1.1
Insignia 1.8	[A18XER]					07.08-	114298	12	1.1
Insignia 1.8 Caravan	[A18XER]					07.08-	114298	12	1.1
Insignia 2.0 BiTurbo CDTI	[A20DTR]	01.12-	114202	14	100	01.12-	113931	12	1.7
Insignia 2.0 BiTurbo CDTI 4x4	[A20DTR]	01.12-	114202	14	100	01.12-	113931	12	1.7
Insignia 2.0 BiTurbo CDTI 4x4 Sports Tourer	[A20DTR]	01.12-	114202	14	100	01.12-	113931	12	1.7
Insignia 2.0 BiTurbo CDTI Sports Tourer	[A20DTR]	01.12-	114202	14	100	01.12-	113931	12	1.7
Insignia 2.0 CDTI	[A20DTC]					07.08-	113931	12	1.7
	[A20DTE]					07.13-	113931	12	1.7
	[A20DTH]					07.08-	113931	12	1.7
	[A20DTJ]					07.08-	113931	12	1.7
	[A20DTR]					07.08-	113931	12	1.7
Insignia 2.0 CDTI 4x4	[A20DTH]					06.10-	113931	12	1.7
	[A20DTR]					07.08-	113931	12	1.7
Insignia 2.0 CDTI Caravan	[A20DT]					07.08-	113931	12	1.7
	[A20DTC]					07.08-	113931	12	1.7
	[A20DTH]					07.08-	113931	12	1.7
	[A20DTJ]					07.08-	113931	12	1.7
	[A20DTR]					07.08-	113931	12	1.7
Kadett B 1.1	[11N]	09.65- 08.73	110077	14	50	09.65- 08.73	110364	12	0.65
	[11S]	09.65- 07.71	110077	14	50	09.65- 07.71	110364	12	0.65
	[11SR]	11.66- 07.71	110077	14	50	11.66- 07.71	110364	12	0.65
Kadett B 1.1 S	[11S]	09.65- 07.71	110077	14	50	09.65- 07.71	110364	12	0.65
Kadett B 1.1 SR	[11SR]	11.66- 07.71	110077	14	50	11.66- 07.71	110364	12	0.65
Kadett B 1.2	[12S]	08.71- 08.73	110077	14	50	08.71- 08.73	110364	12	0.65
Kadett B 1.2 S	[12S]	08.71- 08.73	110077	14	50	08.71- 08.73	110364	12	0.65
Kadett B 1.5						09.67- 08.71	110341#	12	0.8
Kadett B 1.9	[19S]					07.68- 08.73	110341#	12	0.8
Kadett C 1.0	[10N]	01.74- 07.79	110077	14	50	01.74- 07.79	110364	12	0.65
		01.74- 07.79	110971#	14	65				
Kadett C 1.0 City	[10N]	05.75- 07.79	110077	14	50	01.76- 07.79	110364	12	0.65
		05.75- 07.79	110971#	14	65				
Kadett C 1.2	[12N]	08.73- 07.79	110077	14	50	08.73- 07.79	110364	12	0.65
		08.73- 07.79	110971#	14	65				
Kadett C 1.2 City	[12N]	05.75- 07.79	110077	14	50	01.76- 07.79	110364	12	0.65
		05.75- 07.79	110971#	14	65				
Kadett C 1.2 S	[12S]	08.73- 07.79	110077	14	50	08.73- 07.79	110364	12	0.65
		08.73- 07.79	110971#	14	65				
Kadett C 1.2 S City	[12S]	08.73- 07.79	110077	14	50	08.73- 07.79	110364	12	0.65
		08.73- 07.79	110971#	14	65				
Kadett C 1.6 S	[16S]	05.77- 07.79	111178	14	70	05.77- 07.79	110341#	12	0.8 BO
Kadett C 1.6 S City	[16S]	05.77- 07.79	111178	14	70	05.77- 07.79	110341#	12	0.8 BO
Kadett C 1.9 GT/E	[19E]	10.76- 07.77	111178	14	70	09.75- 07.77	110341#	12	0.8
Kadett C 2.0 Rally	[20E]	08.77- 07.79	111178	14	70	08.77- 07.79	110341#	12	0.8
Kadett C 2.0 GT/E	[20EH]	08.77- 07.79	111178	14	70	08.77- 07.79	110341#	12	0.8
Kadett D 1.0	[10S]					08.79- 08.84	110364	12	0.65
Kadett D 1.2	[12N]	08.79- 07.82	110077	14	50	08.79- 07.82	110364	12	0.65
		08.79- 07.82	110971#	14	65				
Kadett D 1.2 S	[12S]	08.79- 08.84	110077	14	50	08.79- 08.84	110364	12	0.65
		08.79- 08.84	110971#	14	65				
	[12ST]	08.82- 08.84	110077	14	50	08.82- 08.84	111055	12	0.7
		08.82- 08.84	111656	14	45				
Kadett D 1.3	[13N]	08.79- 08.84	110077	14	50	08.79- 08.84	111055	12	0.7
		08.79- 08.84	111656	14	45				
		08.79- 08.84	113376	14	55				
Kadett D 1.3 N	[C13N]	08.79- 08.84	111166	14	70	08.79- 08.84	111055	12	0.7
		08.79- 08.84	111656	14	45				
		08.79- 08.84	113376	14	55				





Kadett D 1.3 S	[13S]	08.79- 08.84	110077	14 50	08.79- 08.84	111055	12 0.7
		08.79- 08.84	111166	14 70			
		08.79- 08.84	111656	14 45			
		08.79- 08.84	113376	14 55			
Kadett D 1.6 S	[16SH]	09.81- 08.84	110914#	14 45	09.81- 08.84	111056#	12 0.8
		09.81- 08.84	111168	14 55			
Kadett D 1.6 Diesel	[16D]	03.82- 08.84	110972	14 65	03.82- 08.84	110839	12 1.7
Kadett D 1.8 GT/E	[18E]	02.83- 08.84	110914#	14 45	02.83- 08.84	111056#	12 0.8
		02.83- 08.84	111168	14 55			
Kadett E 1.2	[12SC]	09.84- 07.86	110077	14 50	09.84- 07.86	110364	12 0.65
		09.84- 07.86	110971#	14 65			
Kadett E 1.2 S	[12SC]	09.84- 07.86	110077	14 50	09.84- 07.86	110364	12 0.65
		09.84- 07.86	110971#	14 65			
Kadett E 1.3	[13N]	09.84- 08.91	111166	14 70	09.84- 08.91	111055	12 0.7
		09.84- 07.89	111656	14 45			
		09.84- 07.89	113376	14 55			
	[13NB]	09.84- 08.91	111166	14 70	09.84- 08.91	111055	12 0.7
		09.84- 07.89	111656	14 45			
		09.84- 07.89	113376	14 55			
Kadett E 1.3 Combo	[13N]	01.86- 12.89	111166	14 70	01.86- 12.89	111055	12 0.7
		01.86- 12.89	111656	14 45			
		01.86- 12.89	113376	14 55			
Kadett E 1.3 i	[C13N]	09.85- 08.91	111166	14 70	09.85- 08.91	111055	12 0.7
		09.85- 08.86	111656	14 45			
		09.85- 08.88	113376	14 55			
Kadett E 1.3 S	[13S]	09.84- 08.87	111166	14 70	09.84- 08.87	111055	12 0.7
		09.84- 08.91	111656	14 45			
		09.84- 08.87	113376	14 55			
Kadett E 1.3 S Combo	[13S]	01.86- 12.89	111166	14 70	01.86- 12.89	111055	12 0.7
		01.86- 12.89	111656	14 45			
		01.86- 12.89	113376	14 55			
Kadett E 1.4 Combo	[14NV]	07.89- 08.91	111166	14 70	07.89- 08.91	111055	12 0.7
Kadett E 1.4 i	[C14NZ]	09.89- 08.91	111656	14 45	01.90- 08.91	111127	12 1.4
		01.90- 08.91	111166	14 70	01.90- 08.91	111055	12 0.7
					01.90- 08.91	111123	12 0.9
Kadett E 1.4 i Combo	[C14NZ]	08.91- 07.94	111166	14 70	08.91- 07.94	111055	12 0.7
Kadett E 1.4 S	[14NV]	01.90- 08.91	111166	14 70	01.90- 08.91	111055	12 0.7
	[C14SE]	09.89- 08.91	111166	14 70	09.89- 08.91	111123	12 0.9
Kadett E 1.5 TD	[15DT (T4EC1)]				07.88- 08.91	111274	12 1.2
Kadett E 1.6	[16SH]	09.86- 06.93	111166	14 70	09.86- 06.93	111123	12 0.9
		09.86- 06.93	111168	14 55	09.86- 06.93	111056#	12 0.8
		09.86- 06.93	111800	14 65			
	[16SV]	09.86- 08.91	110077	14 50	09.86- 08.91	111127	12 1.4
		09.86- 08.91	111166	14 70	09.86- 08.91	111123	12 0.9
		09.88- 08.91	111169	14 70	09.86- 08.88	111055	12 0.7
Kadett E 1.6 Combo	[16SV]	09.86- 12.91	110077	14 50	09.86- 12.91	111127	12 1.4
		09.86- 08.88	111166	14 70	09.86- 12.91	111123	12 0.9
		09.88- 12.91	111169	14 70	09.86- 12.91	111055	12 0.7
Kadett E 1.6 i	[16SV]	07.89- 02.93	111166	14 70	07.89- 02.93	111127	12 1.4
		PS 07.89- 02.93	111170	14 65	07.89- 02.93	111123	12 0.9
	[C16LZ]	09.86- 08.88	111656	14 45	09.88- 08.91	111127	12 1.4
		09.86- 08.88	113376	14 55	09.86- 08.88	111055	12 0.7
		09.88- 08.91	111166	14 70	09.88- 08.91	111123	12 0.9
		PS 09.86- 08.91	111170	14 65			
	[C16NZ]	09.86- 08.88	111656	14 45	09.88- 09.93	111123	12 0.9
		09.86- 08.88	113376	14 55	09.86- 08.88	111055	12 0.7
		09.88- 09.93	111166	14 70	09.88- 08.91	111127	12 1.4
		PS 09.86- 09.93	111170	14 65			
[E16NZ]	09.86- 08.88	111656	14 45	09.86- 08.88	111055	12 0.7	
	09.86- 08.88	113376	14 55	09.88- 08.91	111127	12 1.4	
	09.88- 08.91	111166	14 70	09.88- 08.91	111123	12 0.9	
	PS 09.86- 08.91	111170	14 65				
Kadett E 1.6 i Combo	[C16NZ]	08.91- 07.94	111166	14 70	08.91- 07.94	111123	12 0.9
		PS 08.91- 07.94	111170	14 65			
Kadett E 1.6 S	[16SH]	09.84- 08.86	110914#	14 45	09.84- 08.86	111684	12 1.4
		09.84- 08.86	111168	14 55	09.84- 08.86	111056#	12 0.8
		09.84- 08.86	111800	14 65			
	[16SV]	09.86- 08.91	110077	14 50	09.86- 08.91	111127	12 1.4
		09.86- 08.91	111166	14 70	09.86- 08.88	111055	12 0.7
		09.88- 08.91	111169	14 70	09.86- 08.91	111123	12 0.9
					09.86- 08.91	111684	12 1.4
Kadett E 1.6 Diesel	[16D]	08.84- 01.89	110972	14 65	08.84- 09.85	110839	12 1.7
		08.84- 01.89	112056	14 70			
Kadett E 1.6 Diesel Combo	[16DA]	08.84- 01.89	110972	14 65	08.84- 09.85	110839	12 1.7
		08.84- 01.89	112056	14 70			
		01.86- 12.89	110972	14 65			
		01.86- 12.89	112056	14 70			
Kadett E 1.7 Diesel	[17D]	08.88- 09.92	112056	14 70	02.89- 08.91	110839	12 1.7
		02.89- 08.91	111168	14 55			
	[17DR]	02.89- 08.91	112056	14 70			
Kadett E 1.7 Diesel Combo	[17D]	01.89- 07.94	112056	14 70			
Kadett E 1.8	[18E]				09.86- 08.91	110847	12 1.4
					09.86- 08.91	111122	12 1.0
	[18SE]	12.88- 08.91	110972	14 65	12.88- 08.91	111056#	12 0.8
		12.88- 08.91	111166	14 70			
12.88- 08.91		111168	14 55				
[C18NE]	10.85- 08.86	110914#	14 45	AT 10.85- 08.86	111056#	12 0.8	
		10.85- 08.86	111168	14 55			
		10.85- 08.86	111800	14 65			

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



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Kadett E 1.8 E	[C18NE]	10.85- 08.86	110914#	14 45		AT 10.85- 08.86	111056#	12 0.8
		10.85- 08.86	111168	14 55				
		10.85- 08.86	111800	14 65				
Kadett E 1.8 GSi	[18E]	09.84- 08.86	110914#	14 45		09.84- 08.86	111122	12 1.0 DR
		09.84- 08.86	111168	14 55		AT 09.84- 08.86	111056#	12 0.8
		09.84- 08.86	111800	14 65		09.84- 08.86	110847	12 1.4 BO
Kadett E 1.8 i	[18E]	09.84- 08.86	110914#	14 45		09.84- 08.86	110847	12 1.4
		09.84- 08.86	111168	14 55		09.84- 08.86	111056#	12 0.8
		09.84- 08.86	111800	14 65				
	[C18NE]	10.85- 08.86	110914#	14 45		AT 10.85- 08.86	111056#	12 0.8
		10.85- 08.86	111168	14 55				
		10.85- 08.86	111800	14 65				
	[C18NT]	08.84- 09.92	110914#	14 45		AT 08.84- 09.92	111056#	12 0.8
		08.84- 09.92	111168	14 55				
		08.84- 09.92	111800	14 65				
	[C18NZ]	09.90- 08.91	111169	14 70		09.90- 08.91	110847	12 1.4 BO
					09.90- 08.91	111122	12 1.0 DR	
[S18NV]	09.86- 08.91	111168	14 55					
	09.86- 08.91	111800	14 65					
Kadett E 1.8 S	[E18NV]	09.87- 08.91	111168	14 55		09.87- 08.91	110847	12 1.4 BO
		09.87- 08.91	111800	14 65		09.87- 08.91	111122	12 1.0 DR
		09.88- 08.91	111169	14 70				
	[S18NV]	09.87- 08.91	111168	14 55		09.87- 08.91	110847	12 1.4 BO
		09.87- 08.91	111800	14 65		09.87- 08.91	111122	12 1.0 DR
	09.88- 08.91	111169	14 70					
Kadett E 2.0	[20NE]	09.86- 08.91	111168	14 55		09.86- 08.91	111122	12 1.0 DR
		09.86- 08.91	111800	14 65		09.86- 08.91	110847	12 1.4 BO
		09.88- 08.91	111169	14 70				
	[20SEH]	09.86- 08.91	111168	14 55		09.86- 08.91	110847	12 1.4 BO
		09.86- 08.91	111800	14 65		09.86- 08.91	111122	12 1.0 DR
	09.88- 08.91	111169	14 70					
Kadett E 2.0 GSi	[C20NE]	09.86- 08.91	111168	14 55		09.86- 08.91	110847	12 1.4 BO
		09.86- 08.91	111800	14 65		09.86- 08.91	111122	12 1.0 DR
		09.88- 08.91	111169	14 70				
Kadett E 2.0 GSi 16V	[20XE]					12.87- 08.91	110847	12 1.4
		03.88- 08.88	110972	14 65		03.88- 08.91	110847	12 1.4 BO
	03.88- 08.91	112056	14 70		03.88- 08.91	111122	12 1.0 DR	
	[C20XE]	03.88- 08.88	110972	14 65		03.88- 08.91	111122	12 1.0 DR
		03.88- 08.91	112056	14 70		03.88- 08.91	110847	12 1.4 BO
Kadett E 2.0 i	[20NE]	09.86- 08.91	111168	14 55		09.86- 08.91	110847	12 1.4 BO
		09.86- 08.91	111800	14 65		09.86- 08.91	111122	12 1.0 DR
		09.88- 08.91	111169	14 70				
	[C20NE]	09.86- 08.91	111168	14 55		09.86- 08.91	110847	12 1.4 BO
		09.86- 08.91	111800	14 65		09.86- 08.91	111122	12 1.0 DR
	09.88- 08.91	111169	14 70					
Manta A 1.2	[12S]	04.72- 08.75	110077	14 50		04.72- 08.75	110364	12 0.65
Manta A 1.6	[16N]					09.70- 08.75	110341#	12 0.8 BO
	[16S]					02.75- 08.75	110341#	12 0.8 BO
Manta A 1.6 S	[16S]					09.70- 08.75	110341#	12 0.8 BO
Manta A 1.9 GT/E	[19E]					02.74- 08.75	110341#	12 0.8 BO
Manta A 1.9 S	[19S]					09.70- 08.75	110341#	12 0.8 BO
Manta B 1.2	[12N]	08.76- 07.83	110077	14 50		08.76- 07.83	110364	12 0.65
		08.76- 07.83	110971#	14 65				
	[12S]	09.75- 02.79	110077	14 50		09.75- 02.79	110364	12 0.65
		09.75- 02.79	110971#	14 65				
Manta B 1.3	[13N]	03.79- 12.80	111656	14 45		03.79- 12.80	111055	12 0.7
		03.79- 12.80	113376	14 55				
Manta B 1.3 S	[13S]	08.79- 08.86	111656	14 45		08.79- 08.86	111055	12 0.7
		08.79- 08.86	113376	14 55				
		09.84- 08.86	111166	14 70				
Manta B 1.6	[16N]	10.76- 12.80	111178	14 70		09.75- 12.80	110341#	12 0.8 BO
						09.75- 12.79	110364	12 0.65
Manta B 1.6 S	[16S]	10.76- 12.80	111178	14 70		09.75- 12.80	110341#	12 0.8 BO
						09.75- 12.79	110364	12 0.65
Manta B 1.8 S	[18S]	07.82- 08.87	110914#	14 45		07.82- 08.87	111056#	12 0.8
		07.82- 08.87	111168	14 55				
		07.82- 08.87	111800	14 65				
Manta B 1.9	[19E]	10.76- 08.77	111178	14 70		09.75- 08.77	110341#	12 0.8 BO
	[19N]	10.76- 12.80	111178	14 70		08.76- 12.80	110341#	12 0.8 BO
Manta B 1.9 S	[19S]	10.76- 07.77	111178	14 70		09.75- 07.77	110341#	12 0.8
Manta B 2.0	[20E]	08.77- 08.88	111178	14 70		08.77- 08.88	110341#	12 0.8 BO
	[20N]	08.77- 12.80	111178	14 70		08.77- 12.80	110341#	12 0.8 BO
Manta B 2.0 S	[20S]	08.77- 08.85	111178	14 70		08.77- 08.85	110341#	12 0.8 BO
Manta B 2.4 400	[24E]	07.80- 08.81	111178	14 70		07.80- 08.84	110341#	12 0.8
Meriva A 1.3 CDTi	[Y13DT]	04.05-	114451	14 105				
	[Z13DT]	04.05-	114451	14 105		04.05-	113843	12 1.1
	[Z13DTJ]	09.03-	113722	14 90		09.03-	113843	12 1.1
		09.03-	114451	14 105				
Meriva A 1.4 16V Twinport	[Z14XEP]					07.04-	111123	12 0.9
Meriva A 1.6	[Z16SE]	05.03-	111990	14 70		05.03-	113276	12 1.1
		05.03-	112416	14 100		03.03-	111684	12 1.4
	[Z16XEP]	01.06-	114431	14 120		01.06-	114298	12 1.1
Meriva A 1.6 16V	[Z16XE]	05.03-	111990	14 70		05.03-	113276	12 1.1
		05.03-	112416	14 100		03.03-	111684	12 1.4
Meriva A 1.6 Turbo	[Z16LET]	09.05-	114431	14 120		09.05-	114298	12 1.1
Meriva A 1.7 CDTi	[A17DTR]	09.06-	114665	14 100				
	[Z17DTH]	09.03-	112272	14 70		09.03-	112320	12 1.4
		09.03-	113941	14 100				
	AC 09.03-	112271	14 100					



	[Z17DTR]	09.06-	114665	14	100				
Meriva A 1.7 DTi	[Y17DT]	09.03-	112272	14	70	09.02-	112320	12	1.4
		AC 09.03-	112271	14	100				
Meriva A 1.8	[Z18XE]	09.02-	112416	14	100	09.02-	113276	12	1.1
		05.03-	111990	14	70				
Meriva B 1.3 CDTi	[A13DTC]	06.10-	114409	14	100	06.10-	114029	12	1.8
		06.10-	114754	14	120				
	[A13DTE]	06.10-	114409	14	100	06.10-	114029	12	1.8
		06.10-	114754	14	120				
Meriva B 1.4 Ecoflex	[A14NEL]				06.10-	115395	12	1.1	
Meriva B 1.4 Ecotec	[A14NET]				06.10-	115395	12	1.1	
	[A14XER]				06.10-	115395	12	1.1	
Meriva B 1.7 CDTi	[A17DTC]	06.10-	114665	14	100	06.10-	112320	12	1.4
	[A17DTS]	06.10-	114665	14	100	06.10-	112320	12	1.4
	[A17DT]	06.10-	114665	14	100				
Meriva B 1.7 CDTi Ecotec	[A17DT]	06.10-	114665	14	100				
Mokka 1.4	[A14NET]					04.13-	115395	12	1.1
Mokka 1.4 4x4	[A14NET]					06.12-	115395	12	1.1
Mokka 1.7 CDTi	[A17DTF]					06.12-	112320	12	1.4
	[A17DTS]					06.12-	112320	12	1.4
Mokka 1.7 CDTi 4x4	[A17DTS]					06.12-	112320	12	1.4
Mokka 1.8	[A18XER]					01.13-	114298	12	1.1
Mokka 1.8 4x4	[A18XER]					01.13-	114298	12	1.1
Monterey A 3.1 TD	[4JG2TC]	09.91- 12.97	111267	14	50	09.91- 12.97	112083	12	2.8
		09.91- 12.97	112228	14	60				
		03.92- 12.97	111767	14	80				
Monterey A 3.2	[6VD1]					i V6 01.91-	113402	12	1.4
Monterey B 3.0 DTi	[4JX1]	07.98- 08.99	112673	14	70	04.98- 12.99	112083	12	2.8
		07.98- 08.99	113698	14	90				
Monterey B 3.5 V6 24V	[6VE1]					07.98- 08.99	113402	12	1.4
Monza A 2.0 i	[H20E]	03.83- 08.86	111178	14	70				
Monza A 2.2 i	[22E]	11.84- 08.86	111178	14	70	11.84- 08.86	110341#	12	0.8
Monza A 2.5 i	[H25E]	05.81- 12.82	111178	14	70				
Monza A 2.8	[28H]	02.78- 04.81	111178	14	70				
Monza A 3.0	[30H]	04.78- 07.82	111178	14	70				
Monza A 3.0 i	[30E]	02.78- 08.86	111178	14	70				
	[C30LE]	09.85- 08.86	111178	14	70				
Movano 1.9 DTi	[F9Q774]	10.01-	113248	14	120	10.01-	112474	12	1.8
		AC 10.01-	112471	14	125				
Movano 2.2 DTi	[G9T720]	09.00-	112471	14	125	09.00-	112475	12	2.1
		09.00-	113248	14	120				
		AC 09.00-	113245	14	125				
Movano 2.3 CDTi	[M9T670]					12.10-	114074	12	2.2
	[M9T676]					12.10-	114074	12	2.2
	[M9T680]					12.10-	114074	12	2.2
	[M9T694]					12.10-	114074	12	2.2
	[M9T698]					12.10-	114074	12	2.2
Movano 2.5 CDTi	[G9U632]	08.06-	113837	14	150	08.06-	112475	12	2.1
	[G9U650]	08.06-	113837	14	150	08.06-	112475	12	2.1
		10.03- 12.06	113837	14	150	10.03- 12.06	112475	12	2.1
Movano 2.5 CDTi Combi	[G9U632]	08.06-	113837	14	150	08.06-	112475	12	2.1
	[G9U650]	08.06-	113837	14	150	08.06-	112475	12	2.1
Movano 2.5 Diesel	[S8U770]	07.98-	111937	14	75	07.98- 09.00	112103	12	2.2
		01.99-	113248	14	120				
		AC 07.98-	112057	14	110				
		AC 01.99-	112471	14	125				
	[S8U772]	10.98- 09.01	111937	14	75	07.98- 09.01	112103	12	2.2
Movano 2.5 DTi	[G9U720]	10.01-	112471	14	125	10.01-	112475	12	2.1
		10.01-	113248	14	120				
	AC 10.01-	113245	14	125					
	[G9U754]	10.01-	114700	14	150	10.03-	112475	12	2.1
		10.03-	113837	14	150				
Movano 2.8 DTi	[S9W702]	07.98-	111937	14	75	07.98-	112103	12	2.2
Movano 3.0 DTi	[ZD3200]	10.03-	113993	14	135	10.03-	114032	12	2.5
	[ZD3202]	10.03-	113993	14	135	10.03-	114032	12	2.5
Olympia A 1.0	[11SR]	08.67- 08.71	110077	14	50				
Omega A 1.8	[18NV]	09.86- 08.87	111168	14	55	09.86- 08.87	111122	12	1.0 DR
		09.86- 08.87	111800	14	65	AT 09.86- 08.87	110847	12	1.4 BO
		PS 09.86- 08.87	111170	14	65				
	[18SV]	11.86- 09.88	110972	14	65	11.86- 09.88	110847	12	1.4
		11.86- 09.88	111169	14	70				
		11.86- 09.88	111800	14	65				
	[E18NVR]	09.87- 08.88	111168	14	55	AT 09.87- 03.94	110847	12	1.4 BO
		09.87- 08.88	111800	14	65	09.87- 03.94	111122	12	1.0 DR
09.88- 03.94		111169	14	70					
PS 09.87- 08.88		111170	14	65					
Omega A 1.8 i	[18SEH]	09.86- 08.88	111168	14	55	09.86- 03.94	111122	12	1.0 DR
		09.86- 08.88	111800	14	65	AT 09.86- 03.94	110847	12	1.4 BO
		09.88- 03.94	111169	14	70				
		PS 09.86- 08.88	111170	14	65				
Omega A 1.8 S	[18SV]	09.86- 08.88	111168	14	55	AT 09.86- 03.94	110847	12	1.4 BO
		09.86- 03.94	111800	14	65	09.86- 03.94	111122	12	1.0 DR
		09.88- 03.94	111169	14	70				
		PS 09.86- 08.88	111170	14	65				
Omega A 2.0 i	[20SE]	09.86- 08.88	111168	14	55	09.86- 03.94	111122	12	1.0 DR
		09.86- 08.88	111800	14	65	AT 09.86- 03.94	110847	12	1.4 BO
		09.88- 03.94	111169	14	70				

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	[C20NE]	09.86- 08.88	111168	14 55	09.86- 03.94	111122	12 1.0	DR
		09.86- 08.88	111800	14 65	AT 09.86- 03.94	110847	12 1.4	BO
		09.88- 03.94	111169	14 70				
	[C20NEF]	09.90- 03.94	111169	14 70	09.90- 03.94	111122	12 1.0	DR
					AT 09.90- 03.94	110847	12 1.4	BO
					09.90- 03.94	110847	12 1.4	BO
	[C20NEJ]	09.90- 03.94	111169	14 70	09.90- 03.94	111122	12 1.0	DR
					AT 09.90- 03.94	110847	12 1.4	BO
					09.90- 03.94	110847	12 1.4	BO
Omega A 2.3 Diesel	[23YD]	09.86- 03.94	111164	14 70	VP	09.86- 03.94	110844	12 2.2
Omega A 2.3 TD	[23DTR]	09.88- 03.94	111164	14 70		09.88- 03.94	110844	12 2.2
	[23YDT]	09.86- 03.94	111164	14 70	VP	09.86- 08.88	110844	12 2.2
Omega A 2.4 i	[C24NE]	09.88- 03.94	111178	14 70				
Omega A 3.0 i	[30NE]	03.87- 08.88	111076	14 50				
		09.88- 09.90	111178	14 70				
	[C30LE]	09.88- 03.94	111178	14 70				
	[C30NE]	09.88- 03.94	111178	14 70				
Omega A 3.0 i 24V	[C30SE]	09.89- 03.94	110077	14 50				
	[C30SEJ]	09.89- 03.94	110077	14 50				
Omega A 3.0 i 3000	[30NE]	03.87- 09.90	110077	14 50				
		09.88- 03.94	111178	14 70				
	[C30NE]	03.88- 08.88	110077	14 50				
		09.88- 03.94	111178	14 70				
Omega B 2.0 i	[20SE]	03.94- 12.00	111426	14 100				
		03.94- 12.00	111514	14 100				
		03.94- 12.00	111732	14 120				
		03.94- 12.00	112229	14 70				
	[X20SE]	01.94-	111426	14 100				
		03.94- 09.99	111514	14 100				
		04.94-	111732	14 120				
		04.94-	112229	14 70				
Omega B 2.0 i 16V	[X20XEV]	04.94-	111426	14 100	04.94-	111848	12 1.0	
		04.94-	111732	14 120				
		04.94-	112229	14 70				
Omega B 2.0 DTi 16V	[X20DTH]				09.97- 09.00	113674	12 2.0	
Omega B 2.2 i 16V	[Y22XE]	09.99- 07.03	111514	14 100	09.99-	111848	12 1.0	
		09.99-	112229	14 70				
		Chas. -Y1999999	09.99-	111426	14 100			
		Chas. 11000001-	09.99-	112416	14 100			
		AC 09.99-		111732	14 120			
	[Z22XE]	09.99- 07.03	111514	14 100	09.99-	111848	12 1.0	
		Chas. 11000001-	09.00-	112416	14 100			
Omega B 2.2 DTi 16V	[Y22DTH]	09.00-	112415	14 120	06.00- 09.03	113674	12 2.0	
		09.00- 07.03	114656	14 140				
Omega B 2.5 i V6	[X25XE]	04.94-	111514	14 100	04.94-	112459	12 1.4	
Omega B 2.5 DTi	[Y25DT]	09.01- 07.03	112468	14 150	09.01-	113446	12 2.2	
Omega B 2.5 TD	[25DT]	04.94-	111788	14 105	04.94-	112533	12 2.2	
					04.94-	113446	12 2.2	
	[X25DT]	04.96-	111788	14 105	04.96-	112533	12 2.2	
					04.96-	113446	12 2.2	
Omega B 3.0 i V6	[X30XE]	04.94-	111514	14 100	04.94-	112459	12 1.4	
Rekord C 1.5	[15 ...]				08.66- 12.71	110341#	12 0.8	
Rekord C 1.7	[17N]	09.68- 12.71	111178	14 70	01.67- 12.71	110341#	12 0.8	
Rekord C 1.7 S	[17S]	09.68- 12.71	111178	14 70	01.67- 12.71	110341#	12 0.8	
Rekord C 1.9	[19S]	09.68- 12.71	111178	14 70	01.67- 12.71	110341#	12 0.8	
Rekord C 1.9 Sprint	[19SH]	09.68- 12.71	111178	14 70	09.68- 12.71	110341#	12 0.8	
Rekord D 1.7	[17N]	01.72- 08.77	111178	14 70	01.72- 08.77	110341#	12 0.8	BO
Rekord D 1.7 S	[17S]	01.72- 02.75	111178	14 70	01.72- 02.75	110341#	12 0.8	
Rekord D 1.9	[19N]	03.75- 08.77	111178	14 70	03.75- 08.77	110341#	12 0.8	BO
	[19SH]	03.75- 08.77	111178	14 70	03.75- 08.77	110341#	12 0.8	
Rekord D 1.9 S	[19SH]	01.72- 02.75	111178	14 70	01.72- 02.75	110341#	12 0.8	BO
Rekord D 2.0	[20S]	09.75- 08.77	111178	14 70	09.75- 08.77	110341#	12 0.8	BO
Rekord D 2.0 S	[20S]	09.75- 08.77	111178	14 70	09.75- 08.77	110341#	12 0.8	
Rekord D 2.0 Diesel	[20D]	08.74- 08.77	111656	14 45				
		08.74- 08.77	113376	14 55				
Rekord D 2.1 Diesel	[21D]	09.72- 08.77	113376	14 55				
Rekord E 1.7	[17N]	09.77- 10.82	111178	14 70	09.77- 10.82	110341#	12 0.8	
Rekord E 1.8	[18N]	11.82- 08.86	110914#	14 45	11.82- 08.86	111056#	12 0.8	
		11.82- 08.86	111168	14 55				
		11.82- 08.86	111800	14 65				
	[C18NV]	05.85- 08.86	110914#	14 45	05.85- 08.86	111056#	12 0.8	
		05.85- 08.86	111168	14 55				
		05.85- 08.86	111800	14 65				
Rekord E 1.8 E	[C18NV]	05.85- 08.86	110914#	14 45	05.85- 08.86	111056#	12 0.8	
		05.85- 08.86	111168	14 55				
		05.85- 08.86	111800	14 65				
Rekord E 1.8 S	[18S]	11.82- 08.86	110914#	14 45	11.82- 08.86	111056#	12 0.8	
		11.82- 08.86	111168	14 55				
		11.82- 08.86	111800	14 65				
Rekord E 1.9	[19N]	09.77- 10.82	111178	14 70	09.77- 10.82	110341#	12 0.8	BO
Rekord E 1.9 E	[19N]	09.77- 10.82	111178	14 70	09.77- 10.82	110341#	12 0.8	BO
Rekord E 2.0	[20E]	09.77- 10.84	111178	14 70	09.77- 10.84	110341#	12 0.8	BO
	[20N]	09.77- 10.82	111178	14 70	09.77- 10.82	110341#	12 0.8	BO
Rekord E 2.0 S	[20S]	08.77- 08.86	111178	14 70	08.77- 08.86	110341#	12 0.8	BO
Rekord E 2.0 Diesel	[20D]	09.77- 10.82	111656	14 45				
		09.77- 10.82	113376	14 55				
Rekord E 2.1 Diesel	[21D]	09.77- 08.86	111656	14 45				
		09.77- 07.78	113376	14 55				
Rekord E 2.2	[22E]	11.84- 08.86	111178	14 70	11.84- 08.86	110341#	12 0.8	

**STARTERS & ALTERNATORS**

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Rekord E 2.3 Diesel	[23D]	09.77- 08.86	111656	14 45		09.84- 08.86	110844	12 2.2
		08.78- 02.84	113376	14 55				
		11.82- 08.86	110077	14 50				
		03.84- 08.86	111164	14 70				
Rekord E 2.3 TD	[23TD]	06.84- 08.86	111164	14 70		09.84- 08.86	110844	12 2.2
		06.84- 08.86	113376	14 55				
Senator A 2.0 i	[H20E]	03.83- 10.84	111178	14 70		03.83- 10.84	110341#	12 0.8
Senator A 2.2 i	[22E]	11.84- 08.87	111178	14 70		11.84- 08.87	110341#	12 0.8
Senator A 2.3 TD	[23TD]	11.84- 08.87	111164	14 70 VP		11.84- 08.87	110844	12 2.2
						11.84- 08.87	110341#	12 0.8
Senator A 2.5 i	[H25E]	01.83- 08.84	111178	14 70				
Senator A 2.8	[28H]	02.78- 04.81	111178	14 70				
Senator A 3.0	[30H]	04.78- 07.82	111178	14 70				
Senator A 3.0 i	[30E]	02.78- 08.87	111178	14 70				
	[C30LE]	09.85- 08.87	111178	14 70				
Senator B 2.5 i	[25NE]	09.90- 09.93	111178	14 70				
Senator B 3.0 i	[30NE]	01.88- 09.90	110077	14 50				
		01.88- 09.90	111178	14 70				
	[C30LE]	09.87- 09.93	111178	14 70				
	[C30NE]	01.88- 09.93	110077	14 50				
		01.88- 09.93	111178	14 70				
Senator B 3.0 i 24V	[C30SE]	09.89- 09.93	110077	14 50				
Signum 1.8	[Z18XE]					05.03-	113276	12 1.1
	[Z18XER]	09.05-	114431	14 120		09.05-	114298	12 1.1
Signum 1.9 CDTi	[Z19DT]	04.04-	113904	14 130		04.04-	113931	12 1.7
		04.04-	113955	14 105 A47				
		04.04-	114088	14 140				
		04.04-	114801	14 105 A46				
		04.04-	115487	14 140 A49				
		08.05-	114204	14 120				
	Chas. -71111927	04.04-	114204	14 120				
	[Z19DTH]	04.04-	113904	14 130		04.04-	113931	12 1.7
		04.04-	113955	14 105 A47				
		04.04-	114088	14 140				
		04.04-	114204	14 120				
		04.04-	114801	14 105 A46				
		04.04-	115487	14 140 A49				
Signum 2.0 Turbo	[Z20NET]	05.03-	113352	14 120		05.03-	114341	12 1.2
Signum 2.0 DTi	[Y20DTH]	05.03-	112415	14 120		05.03-	113674	12 2.0
		05.03-	114656	14 140				
Signum 2.2	[Z22YH]	05.03-	113352	14 120				
Signum 2.2 DTi	[Y22DTR]	05.03-	112415	14 120		05.03-	113674	12 2.0
		05.03-	114656	14 140		05.03-	112320	12 1.4
Signum 2.2 DTi 16V	[Y22DTR]	05.03- 06.08	112415	14 120		05.03- 06.08	113674	12 2.0
		05.03- 06.08	114656	14 140				
Signum 3.2 V6	[Z32SE]	05.03-	113264#	14 140				
Sintra 2.2 i 16V	[X22XE]	11.96- 04.99	111426	14 100		09.96-	111848	12 1.0
		11.96- 04.99	111732	14 120				
Sintra 2.2 TD	[X22DTH]					07.97- 04.99	113674	12 2.0
Speedster 2.0 Turbo	[Z20LET]	04.03- 09.06	113352	14 120		04.03-	111848	12 1.0
Speedster 2.2 i	[Z22SE]	09.00- 09.06	113352	14 120		09.00-	114341	12 1.2
Tigra 1.3 CDTi	[Z13DT]	06.04-	113720	14 75		06.04-	113719	12 1.3
		06.04-	113722	14 90		06.04-	113843	12 1.1
		06.04-	114451	14 105				
Tigra 1.4 i	[Z14XEP]					06.04-	111123	12 0.9
Tigra 1.4 i 16V	[X14XE]	07.94-	111426	14 100		07.94-	111127	12 1.4
		07.94- 12.00	111514	14 100		07.94-	111123	12 0.9
		07.94-	112229	14 70				
Tigra 1.6 i 16V	[C16SEL]	08.97-	111426	14 100		08.97-	113276	12 1.1
		08.97-	112229	14 70		08.97-	111123	12 0.9
						08.97- 08.98	111684	12 1.4
	[X16XE]	07.94-	111426	14 100		07.94- 09.97	111123	12 0.9
		07.94- 08.98	111514	14 100		07.94- 08.99	111684	12 1.4
		07.94-	111732	14 120		07.94- 09.97	111127	12 1.4
		07.94-	112229	14 70		08.97-	113276	12 1.1
Tigra 1.8 i	[Z18XE]	09.04-	112416	14 100		06.04-	113276	12 1.1
Vectra A 1.4 S	[14NV]	04.88- 09.95	111166	14 70		04.88- 06.92	111127	12 1.4
		04.88- 06.92	113376	14 55		04.88- 09.92	111055	12 0.7
						09.88- 09.92	111684	12 1.4
						09.88- 09.92	113276	12 1.1
	Chas. -MV206209, -M1173885, -M5247753	09.88- 09.92	111170	14 65		04.88- 06.92	111123	12 0.9
Vectra A 1.6	[16SV]	09.88- 08.91	111166	14 70		09.88- 08.95	111127	12 1.4
		09.91- 08.95	111426	14 100		09.88- 08.95	111123	12 0.9
		09.91- 08.95	112229	14 70		09.88- 08.95	111055	12 0.7
	PS	09.88- 09.91	111170	14 65				
Vectra A 1.6 i	[16LZ2]	09.83- 11.95	113376	14 55		09.93- 11.95	111127	12 1.4
		09.93- 11.95	111166	14 70		09.93- 11.95	111123	12 0.9
		09.93- 11.95	111426	14 100		09.93- 11.95	111055	12 0.7
		09.93- 11.95	112229	14 70				
	[C16NZ]	09.88- 11.95	110077	14 50		09.88- 08.95	111684	12 1.4
		09.88- 08.91	111166	14 70		09.88- 08.95	111055	12 0.7
		09.88- 11.95	113376	14 55		09.88- 08.95	111127	12 1.4
		09.91- 09.95	111426	14 100		09.88- 08.95	111123	12 0.9
		09.91- 09.95	112229	14 70				
	PS	09.88- 08.91	111170	14 65				
	[C16NZ2]	09.88- 09.95	110077	14 50		09.93- 08.95	111055	12 0.7
		09.88- 11.95	113376	14 55		09.93- 08.95	111123	12 0.9
		09.91- 09.95	111426	14 100		09.93- 08.95	111127	12 1.4
		09.91- 09.95	112229	14 70				

STARTERS & ALTERNATORS

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Application list

Opel Continued

	[E16NZ]	09.88- 10.93	110077	14 50	09.88- 08.95	111684	12 1.4
		09.88- 08.91	111166	14 70	09.88- 08.95	111123	12 0.9
		09.88- 08.95	112229	14 70	09.88- 08.95	111127	12 1.4
		09.88- 10.90	113376	14 55	09.88- 08.95	111055	12 0.7
		09.91- 08.95	111426	14 100			
		PS 09.88- 08.91	111170	14 65			
	[X16SZ]	09.93- 11.95	110077	14 50	09.93- 11.95	111123	12 0.9
		09.93- 11.95	111426	14 100	09.93- 11.95	111127	12 1.4
		09.93- 11.95	112229	14 70	09.93- 11.95	111055	12 0.7
		09.93- 11.95	113376	14 55	09.93- 08.95	111684	12 1.4
Vectra A 1.6 S	[16SV]	09.88- 05.93	110077	14 50	09.88- 08.95	111684	12 1.4
		09.88- 08.91	111166	14 70	09.88- 08.95	111123	12 0.9
		09.91- 08.95	111426	14 100	09.88- 08.95	111127	12 1.4
		09.91- 08.95	112229	14 70	09.88- 08.95	111055	12 0.7
		PS 09.88- 08.91	111170	14 65			
Vectra A 1.7 Diesel	[17D]	10.88- 08.95	111168	14 55 W	10.88- 08.95	110839	12 1.7
		10.88- 08.95	112056	14 70			
	[17DR]	10.88- 08.95	112056	14 70	10.88- 08.95	110839	12 1.7
Vectra A 1.7 TD	[17DT]	03.90- 08.95	111186	14 70	03.90- 08.95	111274	12 1.2
					10.88- 08.95	110839	12 1.7
	[X17DT]	03.90- 08.95	111186	14 70	03.90- 08.95	111274	12 1.2
					10.88- 08.95	110839	12 1.7
Vectra A 1.8 i	[18SV]	09.88- 09.91	111169	14 70	AT 09.88- 08.95	110847	12 1.4 BO
		09.91- 08.95	111426	14 100	AT 09.88- 08.95	111122	12 1.0 DR
		09.91- 08.95	112229	14 70			
	[C18NZ]	03.90- 08.91	111169	14 70	AT 03.90- 08.95	110847	12 1.4 BO
		03.90- 11.95	111514	14 100	AT 03.90- 08.95	111122	12 1.0 DR
		09.91- 08.95	111426	14 100			
		09.91- 08.95	112229	14 70			
Vectra A 1.8 S	[18SV]	09.89- 08.95	111169	14 70	AT 09.89- 08.95	111122	12 1.0 DR
		09.91- 08.95	111426	14 100	AT 09.89- 08.95	110847	12 1.4 BO
		09.91- 08.95	112229	14 70			
	[E18NVR]	09.88- 09.91	111169	14 70	AT 09.88- 08.95	111122	12 1.0 DR
		09.88- 08.95	112229	14 70	AT 09.88- 08.95	110847	12 1.4 BO
		09.91- 08.95	111426	14 100			
Vectra A 1.8 S 4x4	[E18NVR]	01.89- 08.91	111169	14 70	01.89- 08.95	111122	12 1.0 DR
		01.89- 08.95	112229	14 70	01.89- 08.95	110847	12 1.4 BO
		09.91- 08.95	111426	14 100			
Vectra A 2.0 16V 2000 GT	[C20XE]	02.90- 08.92	111169	14 70	02.90- 11.95	110847	12 1.4 BO
		09.91- 08.95	111426	14 100	02.90- 11.95	111122	12 1.0 DR
		09.92- 08.95	111732	14 120			
		09.92- 08.95	112229	14 70			
Vectra A 2.0 16V 2000 GT 4x4	[C20XE]	02.90- 08.92	111169	14 70	02.90- 08.95	111122	12 1.0 DR
		09.91- 08.95	111426	14 100	02.90- 08.95	110847	12 1.4 BO
		09.92- 08.95	111732	14 120			
		09.92- 08.95	112229	14 70			
Vectra A 2.0 GTI	[20SEH]	09.88- 08.92	111169	14 70	AT 09.88- 08.95	110847	12 1.4 BO
		09.91- 08.95	111426	14 100	AT 09.88- 08.95	111122	12 1.0 DR
		09.92- 08.95	111732	14 120			
		09.92- 08.95	112229	14 70			
Vectra A 2.0 i	[20NE]	09.88- 08.92	111169	14 70	AT 09.88- 08.95	110847	12 1.4 BO
		09.91- 08.95	111426	14 100	AT 09.88- 08.95	111122	12 1.0 DR, BO
		09.92- 08.95	111732	14 120			
		09.92- 08.95	112229	14 70			
	[20SEH]	09.88- 09.92	111169	14 70	AT 09.88- 08.95	110847	12 1.4 BO
		09.88- 08.95	112229	14 70	AT 09.88- 08.95	111122	12 1.0 DR
		09.91- 08.95	111426	14 100			
		09.92- 08.95	111732	14 120			
		09.92- 08.95	112229	14 70			
	[C20NE]	09.88- 08.92	111169	14 70	AT 09.88- 11.95	111122	12 1.0 DR, BO
		09.88- 11.95	111514	14 100	AT 09.88- 11.95	110847	12 1.4 BO, DR
		09.91- 08.95	111426	14 100			
		09.92- 08.95	111732	14 120			
		09.92- 08.95	112229	14 70			
	[C20NEF]	04.88- 09.92	111169	14 70	AT 04.88- 09.89	110847	12 1.4 BO
		09.88-	112229	14 70	AT 04.88- 09.89	111122	12 1.0 DR
Vectra A 2.0 i 16V	[20XEJ]	02.89- 10.90	111169	14 70	02.89- 10.90	111122	12 1.0 DR
					02.89- 10.90	110847	12 1.4 BO
	[C20XE]	02.90- 09.92	111169	14 70	02.90- 08.95	110847	12 1.4 BO
		09.91- 08.95	111426	14 100	02.90- 08.95	111122	12 1.0 DR
		09.92- 08.95	111732	14 120			
		09.92- 08.95	112229	14 70			
	[X20XEV]	06.94- 11.95	111426	14 100	06.94- 11.95	111848	12 1.0
		06.94- 11.95	111514	14 100			
		06.94- 11.95	111732	14 120			
		06.94- 11.95	112229	14 70			
Vectra A 2.0 i 16V 2000 4WD	[20XEJ]	01.89- 10.90	111169	14 70	01.89- 10.90	111122	12 1.0 DR
					01.89- 10.90	110847	12 1.4 BO
Vectra A 2.0 i 16V 2000 GT	[20XEJ]	01.89- 08.92	111169	14 70	01.89- 06.94	111122	12 1.0 DR
		09.91- 06.94	111426	14 100	01.89- 06.94	110847	12 1.4 BO
		09.92- 06.94	111732	14 120			
		09.92- 06.94	112229	14 70			
Vectra A 2.0 i 16V 4x4	[X20XEV]	06.94- 11.95	111426	14 100	06.94- 11.95	111848	12 1.0
		06.94- 11.95	111732	14 120			
		06.94- 11.95	112229	14 70			
Vectra A 2.0 i 4x4	[20NE]	01.89- 08.92	111169	14 70	01.89- 08.95	110847	12 1.4 BO
		09.91- 08.95	111426	14 100	01.89- 08.95	111122	12 1.0 DR
		09.92- 08.95	111732	14 120			
		09.92- 08.95	112229	14 70			





	[20SEH]	01.89- 09.92	111169	14 70		01.89- 09.92	111122	12 1.0	DR
		01.89- 08.95	112229	14 70		01.89- 09.92	110847	12 1.4	BO
		09.91- 08.95	111426	14 100					
		09.92- 08.95	111732	14 120					
	[C20NE]	01.89- 08.92	111169	14 70		01.89- 08.95	110847	12 1.4	BO
		09.91- 08.95	111426	14 100		01.89- 08.95	111122	12 1.0	DR
		09.92- 08.95	111732	14 120					
		09.92- 08.95	112229	14 70					
Vectra A 2.0 i Turbo 4x4	[C20LET]	09.92- 08.95	111426	14 100		09.92- 08.95	111122	12 1.0	DR
		09.92- 08.95	111732	14 120		09.92- 08.95	110847	12 1.4	BO
		09.92- 08.95	112229	14 70					
		06.94- 11.95	111514	14 100					
Vectra A 2.5 i V6	[C25XE]	02.93- 08.95	111514	14 100					
Vectra B 1.6 i	[16LZ2]	10.95- 04.02	111426	14 100		10.95-	113276	12 1.1	
		10.95- 04.02	111732	14 120		10.95-	111123	12 0.9	
		10.95- 04.02	112229	14 70					
	[X16SZR]	09.95-	111426	14 100		09.95-	111123	12 0.9	
		09.95-	111732	14 120		09.95-	111127	12 1.4	
		09.95-	112229	14 70					
		10.95- 07.03	111514	14 100					
Vectra B 1.6 i 16V	[X16XEL]	09.95-	111426	14 100		09.95-	111123	12 0.9	
		09.95-	111732	14 120		09.95-	111127	12 1.4	
		09.95-	112229	14 70		10.95-	113276	12 1.1	
		10.95- 07.02	111514	14 100					
	[Y16XE]	10.95- 07.02	111514	14 100		10.95- 09.02	111123	12 0.9	
						09.95- 09.02	111684	12 1.4	
	[Z16XE]	09.95- 07.02	111514	14 100		10.95- 09.02	111123	12 0.9	
Vectra B 1.7 TD	[X17DT (TC4EE1)]	09.95- 11.96	111515	14 70 VP		09.95- 11.96	111690	12 1.1	
		AC 10.95- 11.96	111831	14 100					
Vectra B 1.8 16V	[X18XE]	10.95- 09.00	111426	14 100		10.95- 09.00	111848	12 1.0	
		10.95- 09.00	111732	14 120					
		11.96- 09.00	112229	14 70					
Vectra B 1.8 i 16V	[X18XE]	09.95-	111426	14 100		09.95- 09.00	111848	12 1.0	
		09.95-	111732	14 120					
		09.95-	112229	14 70					
		10.95- 09.00	111514	14 100					
	[X18XE1]	10.95- 09.00	111514	14 100		06.98-	112431	12 1.1	
		06.98-	111426	14 100					
		06.98-	111732	14 120					
		06.98-	112229	14 70					
	[Z18XE]	09.00- 07.03	111514	14 100		09.00- 09.02	112431	12 1.1	
		09.00- 09.02	111732	14 120					
		09.00- 09.02	112229	14 70					
Vectra B 2.0 i	[20NEJ]	10.95-	111426	14 100					
		10.95-	111732	14 120					
		10.95-	112229	14 70					
Vectra B 2.0 i 16V	[C20SEL]	10.95- 09.00	111514	14 100		10.95- 09.02	111848	12 1.0	
	[X20XE]	09.95-	111426	14 100		09.95- 09.00	111848	12 1.0	
		09.95-	111732	14 120					
		09.95-	112229	14 70					
		10.95- 09.00	111514	14 100					
Vectra B 2.0 Diesel 16V	[X20DTL]					11.96- 04.02	113674	12 2.0	
Vectra B 2.0 TD 16V	[X20DTH]					06.97- 07.03	113674	12 2.0	
	[Y20DTH]					06.97- 07.03	113674	12 2.0	
Vectra B 2.2 i 16V	[Z22SE]	09.00-	113352	14 120		09.00- 07.03	114341	12 1.2	
		Chas. 17081352- 09.00-	113352	14 120					
Vectra B 2.2 DTI	[Y22DTR]	09.00- 04.02	112415	14 120		09.00- 04.02	113674	12 2.0	
Vectra B 2.2 DTi 16V	[Y22DTR]	09.00-	112415	14 120		09.00- 07.03	113674	12 2.0	
Vectra B 2.5 i	[X25XE]	05.98-	111514	14 100					
Vectra B 2.5 i V6	[X25XE]	09.95-	111514	14 100					
Vectra B 2.6 i V6	[Y26SE]	09.00-	113264#	14 140					
Vectra B CC 1.8 16V	[X18XE]	10.95- 09.00	111426	14 100		10.95- 09.00	111848	12 1.0	
		10.95- 09.00	111732	14 120					
Vectra B CC 2.2 DTI	[Y22DTR]	09.00- 04.02	112415	14 120		09.00- 04.02	113674	12 2.0	
Vectra C 1.6	[Z16XEP]	01.06-	114431	14 120		01.06-	113276	12 1.1	
		01.06-	114668	14 100					
Vectra C 1.6 GTS	[Z16XE]					08.05-	113276	12 1.1	
	[Z16XEP]	01.06-	114668	14 100		01.06-	111123	12 0.9	
Vectra C 1.6 16V	[Z16XE]	06.04-	112416	14 100		06.04- 07.05	113276	12 1.1	
Vectra C 1.8	[Z18XEL]	04.02- 08.05	112229	14 70					
	[Z18XER]	01.06-	114431	14 120		01.06-	114298	12 1.1	
Vectra C 1.8 GTS	[Z18XER]	01.06-	114431	14 120		01.06-	114298	12 1.1	
		01.06-	114668	14 100					
Vectra C 1.8 16V GTS	[Z18XEL]	08.02- 12.06	112416	14 100		08.02- 12.06	113276	12 1.1	
Vectra C 1.8 i	[Z18XE]	10.03-	112416	14 100		09.03-	113276	12 1.1	
Vectra C 1.8 i 16V	[Z18XE]	04.02-	112416	14 100		04.02-	113276	12 1.1	
	[Z18XEL]	04.02-	112416	14 100		04.02-	113276	12 1.1	
Vectra C 1.8 i 16V GTS	[Z18XE]	08.02-	112416	14 100					
	[Z18XEL]	08.02-	112416	14 100					
Vectra C 1.9 CDTi	[Z19DT]	04.04-	113904	14 130		04.04-	113931	12 1.7	
		04.04-	113955	14 105 A47					
		04.04-	114088	14 140					
		04.04-	114801	14 105 A46					
		04.04-	115487	14 140 A49					
		10.05-	114204	14 120					
		Chas. -71111927 04.04-	114204	14 120					





Opel Continued

	[Z19DTH]	04.04-	113904	14 130	04.04-	113931	12 1.7
		04.04-	113955	14 105 A47			
		04.04-	114088	14 140			
		04.04-	114204	14 120			
		04.04-	114801	14 105 A46			
		04.04-	115487	14 140 A49			
Vectra C 1.9 CDTi GTS	[Z19DTH]	04.04-	113904	14 130	04.04-	113931	12 1.7
		04.04-	113955	14 105 A47			
		04.04-	114088	14 140			
		04.04-	114801	14 105 A46			
		04.04-	115487	14 140 A49			
		10.05-	114204	14 120			
	Chas. -71111927	04.04-	114204	14 120			
	[Z19DTH]	04.04-	113904	14 130	04.04-	113931	12 1.7
		04.04-	113955	14 105 A47			
		04.04-	114088	14 140			
		04.04-	114204	14 120			
		04.04-	114801	14 105 A46			
		04.04-	115487	14 140 A49			
Vectra C 2.0 Turbo	[Z20NET]	10.03-	113352	14 120			
Vectra C 2.0 Turbo 16V	[Z20NET]	03.03-	113352	14 120			
Vectra C 2.0 Turbo 16V GTS	[Z20NET]	03.03-	113352	14 120			
Vectra C 2.0 DTi	[Y20DTH]	10.03-	112415	14 120	10.03-	113674	12 2.0
		10.03-	114656	14 140			
Vectra C 2.0 DTi 16V	[Y20DTH]	04.02-	112415	14 120	04.02-	113674	12 2.0
		04.02-	114656	14 140			
Vectra C 2.0 DTi 16V GTS	[Y20DTH]	08.02-	112415	14 120	08.02-	113674	12 2.0
		08.02-	114656	14 140			
Vectra C 2.2 Direct	[Z22YH]	10.03-	113352	14 120	10.03-	114341	12 1.2
Vectra C 2.2 GTS Direct	[Z22YH]	10.03-	113352	14 120	10.03-	114341	12 1.2
Vectra C 2.2 i 16V	[Z22SE]	04.02-	113352	14 120	04.02-	114341	12 1.2
Vectra C 2.2 i 16V GTS	[Z22SE]	08.02-	113352	14 120	08.02-	114341	12 1.2
Vectra C 2.2 DTi	[Y22DTR]	10.03- 06.08	112415	14 120	10.03- 06.08	113674	12 2.0
		10.03- 06.08	114656	14 140			
Vectra C 2.2 DTi 16V	[Y22DTR]	04.02-	112415	14 120			
		04.02-	114656	14 140			
Vectra C 2.2 DTi 16V GTS	[Y22DTR]	08.02- 06.08	112415	14 120	08.02- 06.08	113674	12 2.0
		08.02- 06.08	114656	14 140			
Vectra C 3.2 i V6	[Z32SE]	08.02-	113264#	14 140			
		RHD 09.03-	113264#	14 140			
Vectra C 3.2 i V6 GTS	[Z32SE]	08.02-	113264#	14 140			
Vivaro 1.9 Di	[F9Q762]				08.06-	114814	12 0.9
Vivaro 1.9 Diesel	[F9Q774]	08.01-	113248	14 120	08.01-	112474	12 1.8
		AC 08.01-	112471	14 125			
Vivaro 1.9 Diesel Di	[F9Q762]	08.01-	113248	14 120	08.01-	112474	12 1.8
		AC 08.01-	112471	14 125			
Vivaro 1.9 DTi	[F9Q760]	08.01-	113248	14 120	08.01-	112474	12 1.8
		AC 08.01-	112471	14 125			
Vivaro 2.0 Ecotec	[F4R820]				08.06-	114814	12 0.9
Vivaro 2.0 16V	[F4R]	08.06-	114122	14 150	08.06-	114814	12 0.9
	[F4R720]	08.01-	113248	14 120	08.01-	114814	12 0.9
		08.01-	114122	14 150			
		AC 08.01-	113245	14 125			
		A22 08.01-	112471	14 125			
Vivaro 2.0 CDTi	[M9R780]	01.06-	114509	14 150			
Vivaro 2.5 CDTi	[G9MB6]	08.06-	113837	14 150			
	[G9U630]	08.06-	113837	14 150	08.06-	112475	12 2.1
Vivaro 2.5 CDTi Combi	[G9U630]	08.06-	113837	14 150			
Vivaro 2.5 DTi	[G9U730]	05.03-	112471	14 125	05.03-	112475	12 2.1
		AC 05.03-	113245	14 125			
Zafira A 1.6 16V	[X16XEL]	03.99-	111990	14 70	04.99-	113276	12 1.1
		03.99- 08.00	112416	14 100	04.99-	111123	12 0.9
	[Z16XE]	03.99-	111990	14 70	09.00-	113276	12 1.1
		03.99- 08.00	112416	14 100	04.99-	111123	12 0.9
Zafira A 1.6 i	[Z16YNG]	09.01-	111990	14 70	09.01-	113276	12 1.1
					09.01-	111123	12 0.9
					09.98-	111684	12 1.4
Zafira A 1.8 16V	[X18XE1]	04.99-	111990	14 70	04.99-	112431	12 1.1
		04.99-	112416	14 100			
	[Z18XE]	09.00-	111990	14 70	09.00-	112431	12 1.1
		09.00-	112416	14 100			
Zafira A 2.0	[Z20LET]	09.01-	112416	14 100	09.01-	111848	12 1.0
Zafira A 2.0 OPC	[Z20LET]	11.02-	112416	14 100	09.01-	111848	12 1.0
Zafira A 2.0 Diesel Di 16V	[X20DTL]	10.99-	112415	14 120	10.99-	113674	12 2.0
		10.99- 06.05	113879	14 100			
Zafira A 2.0 DTi 16V	[Y20DTH]	09.00- 06.05	113879	14 100	09.00- 06.05	113674	12 2.0
Zafira A 2.2 16V	[Z22SE]	09.00-	113352	14 120	09.00-	114341	12 1.2
Zafira A 2.2 DTi	[Y22DTR]	01.02- 06.05	112415	14 120	01.02- 06.05	113674	12 2.0
		01.02- 06.05	114658	14 140			
Zafira A 2.2 DTi 16V	[Y22DTR]	01.02-	112415	14 120	01.02-	113674	12 2.0
		01.02- 06.05	114656	14 140			
		A19 01.02- 06.05	114658	14 140			
Zafira B 1.6	[Z16XEP]	07.05-	114431	14 120	07.05-	113276	12 1.1
					07.05-	114298	12 1.1
	[Z16XER]	01.08-	114431	14 120	01.08-	114298	12 1.1
		01.08-	114668	14 100			
Zafira B 1.6 Ecoflex CNG	[Z16XNT]				02.09-	114298	12 1.1
Zafira B 1.6 Turbo CNG	[A16XNT]				02.09-	114298	12 1.1
	[Z16XNT]				02.09-	114298	12 1.1



Zafira B 1.7 CDTi	[A17DTJ]	01.08-	114665	14	100		01.08-	112320	12	1.4	
	[A17DTR]	01.08-	114512	14	140		01.08-	112320	12	1.4	
		01.08-	114665	14	100						
Zafira B 1.8	[Z17DTJ]	01.08-	114665	14	100		01.08-	112320	12	1.4	
	[A18XER]	07.05-	114431	14	120		07.05-	114298	12	1.1	
	[Z18XEP]	07.05-	114431	14	120		07.05-	114298	12	1.1	
Zafira B 1.9 CDTi	[Z18XER]	07.05-	114431	14	120		07.05-	114298	12	1.1	
	[Z19DT]	07.05-	113904	14	130		07.05-	113931	12	1.7	
		07.05-	113955	14	105 A47						
		07.05-	114088	14	140						
		07.05-	114204	14	120						
		07.05-	114801	14	105 A46						
		07.05-	115487	14	140 A49						
	[Z19DTH]	07.05-	113904	14	130		07.05-	114058	12	1.7	
		07.05-	113955	14	105 A47		AT 07.05-	113931	12	1.7	
		07.05-	114088	14	140						
Zafira B 2.0	[Z20LER]						07.05-	111848	12	1.0	
Zafira B 2.2	[Z22YH]	07.05-	114076	14	120		07.05-	114341	12	1.2 9000835	
Zafira C 1.4	[A14NEL]						10.11-	115395	12	1.1	
	[A14NET]						10.11-	115395	12	1.1	
Zafira C 1.4 BiFuel LPG	[A14NET]						10.11-	115395	12	1.1	
Zafira C 1.6 CNG	[A16XNT]						10.11-	114298	12	1.1	
Zafira C 1.8	[A18XEL]	10.11-	115410*	14	100		10.11-	114298	12	1.1	
	[A18XER]	10.11-	115410*	14	100		10.11-	114298	12	1.1	
Zafira C 2.0 BiTurbo CDTi	[A20DTR]	01.13-	114202	14	100		01.13-	114058	12	1.7	
Zafira C 2.0 CDTi	[A20DT]	10.11-	114202	14	100		10.11-	114058	12	1.7	
							10.11-	113931	12	1.7	
	[A20DTH]	10.11-	114202	14	100		10.11-	113931	12	1.7	
							10.11-	114058	12	1.7	
	[A20DTL]	10.11-	114202	14	100		10.11-	113931	12	1.7	
						10.11-	114058	12	1.7		
<b>PASSENGER CARS US</b>											
1900 1.9							01.73- 01.74	110341#	12	0.8	
1900 1.9 Rallye							01.71- 01.72	110341#	12	0.8	
GT 1.1							01.69- 01.70	110364	12	0.65	
GT 1.9							01.71- 01.73	110341#	12	0.8	
Isuzu 1.8		01.76- 01.76	110248	14	40						
Kadett 1.1							01.67- 01.72	110364	12	0.65	
Kadett 1.1 DLX							01.68- 01.70	110364	12	0.65	
Kadett 1.1 LS							01.68- 01.68	110364	12	0.65	
Kadett 1.1 Rallye							01.67- 01.67	110364	12	0.65	
Kadett 1.1 Rallye DLX							01.68- 01.70	110364	12	0.65	
Manta 1.9							01.73- 01.74	110341#	12	0.8	
<b>PASSENGER CARS AO</b>											
Corsa A 1.3 GL	[13S]						09.82- 03.93	111055	12	0.7	
Corsa A 1.3 TR GL	[13S]						09.82- 03.93	111055	12	0.7	
Kadett E 1.6	[E16SE]						09.87- 08.91	111055	12	0.7	
Vectra A 2.0 4x4	[C20XE]						09.88- 08.95	110847	12	1.4	
							09.88- 08.95	111122	12	1.0	
Vectra A 2.5 CD 4x4	[C25XE]	02.93- 08.95	111514	14	100						
Zafira A 1.6	[Z16YNG]						09.02- 06.05	111123	12	0.9	
<b>Orenstein and koppel</b>											
<b>MISCELLANEOUS</b>											
Various Models KHD	[F8L413]							114438	24	5.4	
<b>Padane</b>											
<b>TRUCKS EU</b>											
ZX 14.6	[OM422.907]	01.81-	113920	28	35						
<b>Payloader</b>											
<b>AGRICULTURE</b>											
Various Models							01.69- 06.76	110523	24	4.8	
							01.69- 01.75	110438	12	2.1	
							01.69- 12.85	111752	12	2.7	
<b>Pegaso</b>											
<b>TRUCKS EU</b>											
1234 12.0		10.85-	110076#	28	55						
1334 12.0		04.87-	110076#	28	55						
1434 12.0		10.85-	110076#	28	55						
1436 12.0		10.85-	110076#	28	55						
2434 12.0		04.87-	110076#	28	55						
5123 10.5		04.87-	110043#	28	45						
5317 6.6		01.86-	110043#	28	45						
Various Models		10.74- 10.85	110043#	28	45						
<b>TRUCKS US</b>											
1236 12.0		04.87-	110076#	28	55						
2334 12.0		04.87-	110076#	28	55						
Various Models		10.74-	110043#	28	45						
<b>Pel Job</b>											
<b>INDUSTRY</b>											
EB150	[Mitsubishi]							112178	12	1.6	
								112185	12	1.2	
ED..	[Mitsubishi]							112178	12	1.6	
								112185	12	1.2	
<b>MOTORS</b>											
1004-4 4.0								110615	12	2.8	
								113269	12	3.0	
1006-6 6.0								110615	12	2.8	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**PEL JOB** *Continued*

1006C-E66TAG2	[1006C-E66TAG2]					115389	12	4.2
1006C-E66TAG3	[1006C-E66TAG3]					115389	12	4.2
1006C-E66TAG4	[1006C-E66TAG4]					115389	12	4.2
1006-TAG	[1006-TAG]					115389	12	4.2
3-152 2.5						110615	12	2.8
403C-07 0.7 3R						112534	12	2.0
403C-10 1.0 3R						112534	12	2.0
403C-11 1.1 3R						112534	12	2.0
403C-15 1.5 3R						112534	12	2.0
404C-20 2.0 4R						112534	12	2.0
404C-22 2.2 4R						112534	12	2.0
404C-22T 2.2 4R44						112534	12	2.0
4-108		112112	14	70	01.89-	112277	12	1.8
					01.89-	110602	12	2.8
4-154					01.89-	110602	12	2.8
4-236 3.9		111295	28	55		110615	12	2.8
4-248 4.0					01.87- 01.90	110615	12	2.8
					01.71- 06.90	113534	12	3.0
6-354		111510	28	45	01.87- 01.89	110615	12	2.8
		112112	14	70	07.87- 12.89	113534	12	3.0
						110449	12	3.6
					07.87- 12.89	112670	24	4.0
					01.80-	110566	24	5.2
6-372					01.80-	110566	24	5.2
8-510		112110#	28	45				
903-27 2.7						110615	12	2.8
Various Models	[Komatsu]				01.88-	111097	24	5.5
					01.88-	112277	12	1.8
		114767	28	100		110452	12	3.6
		112112	14	70		111041	12	2.8
		113967	14	120 MA	01.70-	110450	12	3.6
						113334#	24	6.0
					01.83- 01.86	110604	12	2.8
						113269	12	3.0
						114387	12	3.2 IS
						114388	12	3.2 IS
						114338	24	4.5
					01.75- 12.86	111007#	12	
					01.87- 01.89	113655	12	3.0 MA
					01.87- 01.89	113654	12	3.0 MA
					07.87- 12.89	112670	24	4.0
						112534	12	2.0
					01.76-	110819	12	2.8
					01.71- 01.90	113534	12	3.0
						112091	24	5.2
						111703	12	2.0
					02.78- 03.97	111737	12	2.8
					01.90- 01.94	111024#	12	3.6
						112089	12	
						110590	12	2.8
<b>Peterbilt Trucks</b>								
<b>TRUCKS EU</b>								
Various Models					01.80- 01.84	110999	24	
<b>Peugeot</b>								
<b>PASSENGER CARS EU</b>								
104 1.0	[108 (XV3)]	10.72- 10.79	111075	14	55			
	[108 (XV5)]	10.72- 06.88	111075	14	55	10.72- 10.79	111068	12 0.85
		08.79- 06.88	110916#	14	40			
	[108C (XV8)]	08.79- 06.88	110916#	14	40	09.83- 06.88	111068	12 0.85
		08.79- 06.88	111075	14	55			
104 1.1	[109 (XW3)]	08.79- 06.88	110916#	14	40			
		08.79- 06.88	111075	14	55			
	[109F (XW7)]	08.79- 06.88	110916#	14	40	11.84- 06.88	111068	12 0.85
		08.79- 06.88	111075	14	55			
	[121 (XW3S)]	08.79- 06.88	110916#	14	40			
		08.79- 06.88	111075	14	55			
104 1.2	[129 (XZ5)]	08.79- 06.88	110916#	14	40	11.84- 07.88	111068	12 0.85
		08.79- 06.83	111075	14	55			
104 1.4	[150 (XY6B)]	08.79- 06.88	110916#	14	40	11.84- 07.88	111068	12 0.85
		08.79- 06.84	111075	14	55			
106 1.0	[CDY (TU9M)]	09.91- 03.01	110619	14	70	09.91- 03.01	110584	12 1.2
		09.91- 03.01	112782	14	80			
	[CDZ (TU9M)]	09.91- 04.96	110619	14	70	09.91- 04.96	110584	12 1.2
		AC 09.91- 04.96	112782	14	80			
	[TU9]	09.91- 03.01	110619	14	70	09.91- 03.01	110584	12 1.2
		09.91- 03.01	112782	14	80			
106 1.0 i	[CDY (TU9M)]	05.96-	110619	14	70	05.96-	110584	12 1.2
						05.96-	111994	12 0.7
	[CDZ (TU9M)]	01.97-	110619	14	70	01.97-	110584	12 1.2
						01.97-	111994	12 0.7
106 1.1	[HDZ (TU1M)]	09.91- 04.96	110619	14	70	09.91- 04.96	110584	12 1.2
106 1.1 i	[HDY (TU1M)]	03.00-	112648	14	70	01.97-	110584	12 1.2
						01.97-	111994	12 0.7
		01.97-	110619	14	70			
		AC 01.97-	111723	14	70			
	[HDZ (TU1M)]	03.00-	112648	14	70	05.96-	111994	12 0.7
						05.96-	110584	12 1.2
		05.96-	110619	14	70			
		AC 05.96-	111723	14	70			



	[HFX (TU1JP)]	03.00-	112648	14	70	03.00- 05.05	110584	12	1.2
						03.00- 05.05	111994	12	0.7
		05.96-	110619	14	70				
106 1.3	[TU2J2]	10.93- 04.96	110619	14	70	10.93- 04.96	110584	12	1.2
106 1.4	[KDX (TU3MC)]	12.92- 04.96	110619	14	70	12.92- 04.96	110584	12	1.2
		AC 12.92- 04.96	112782	14	80				
	[KDY (TU3M)]	09.91- 04.96	110619	14	70	09.91- 04.96	110584	12	1.2
		09.91- 04.96	112782	14	80				
	[KFZ (TU3J2/Z)]	09.91- 04.96	110619	14	70	09.91- 04.96	110584	12	1.2
		09.91- 04.96	112782	14	80				
106 1.4 i	[KFW (TU3JP)]	05.96-	110619	14	70	05.96-	110584	12	1.2
	[KFX (TU3JP)]	03.00-	112648	14	70	05.96-	111994	12	0.7
		05.96-	110619	14	70	05.96-	110584	12	1.2
		05.96-	111723	14	70				
		05.96-	112782	14	80				
106 1.4 Diesel	[K9Y (TUD3Y)]					09.92- 04.96	111029	12	1.4
106 1.5 Diesel	[TUD5]	06.94- 04.96	112287	14	70	06.94- 04.96	111029	12	1.4
		06.94- 04.96	112467	14	90				
		08.94- 04.96	111532	14	80				
	[VJX (TUD5)]	07.00-	111893	14	70	10.00-	111029	12	1.4
		07.00-	112287	14	70				
		10.00-	111532	14	80				
	[VJY (TUD5)]	12.93- 04.96	112287	14	70	06.94- 04.96	111029	12	1.4
		01.94- 04.96	111532	14	80				
		06.94- 04.96	112467	14	90				
106 1.6	[NFY (TU5J2)]	01.94- 04.96	110619	14	70	01.94- 04.96	110584	12	1.2
		AC 01.94- 04.96	112782	14	80				
	[NFZ (TU5JP)]	06.93- 04.96	110619	14	70	06.93- 04.96	110584	12	1.2
		09.98-	113404	14	90				
		AC 06.93- 04.96	112782	14	80				
106 1.6 i	[NFW (TU5J2)]	05.96-	111893	14	70				
		05.96-	112782	14	80				
		09.98-	113404	14	90				
	[NFY (TU5J2)]	05.96-	111893	14	70	05.96-	110584	12	1.2
		05.96-	112782	14	80	05.96-	111994	12	0.7
	[NFZ (TU5JP)]	05.96-	111723	14	70	05.96-	111994	12	0.7
		05.96-	112782	14	80	05.96-	110584	12	1.2
106 1.6 S 16	[NFX (TU5J4)]	05.96-	112782	14	80	05.96-	111994	12	0.7
						05.96-	110584	12	1.2
107 1.0	[CFA (384F)]	06.05-	114090	14	70	06.05-	113963	12	1.1
		06.05-	114099	14	80				
107 1.4 HDI	[8HT (DV4TD)]	06.05-	113755	14	150	06.05-	111848	12	1.0
						06.05-	113254	12	1.1
						06.05-	113933	12	1.5
205 1.0	[108C (XV8)]	02.83- 10.87	110916#	14	40	02.83- 10.87	111068	12	0.85
		02.83- 10.87	111075	14	55				
		02.83- 10.90	111402	14	50				
	[TU9]	10.87- 09.98	110077	14	50	10.87- 09.98	110584	12	1.2
		10.87- 09.98	111841	14	50				
		10.87- 09.98	112754	14	70				
		AC 10.87- 09.98	114026	14	80				
205 1.1	[109F (XW7)]	02.83- 10.87	110916#	14	40	02.83- 10.87	111068	12	0.85
		10.87	111075	14	55				
	[109N (XW7)]	02.83- 10.90	111075	14	55	08.86- 10.90	111068	12	0.85
		02.83- 10.90	111402	14	50				
		08.86- 10.87	110916#	14	40				
		10.87- 10.90	110993#	14	50				
		10.87-	112162	14	70				
	[H1B (TU1)]	10.87- 10.90	110077	14	50	10.87- 10.90	110584	12	1.2
		10.87- 10.90	111841	14	50				
		10.87- 10.90	112754	14	70				
	[HDZ (TU1M)]	07.89- 09.98	110077	14	50	07.89- 09.98	110584	12	1.2
		07.89- 09.98	111841	14	50				
		07.89- 09.98	112754	14	70				
		AC 07.89- 09.98	114026	14	80				
205 1.1 CJ	[HDZ (TU1M)]	10.89- 12.94	110077	14	50	10.89-	110584	12	1.2
		10.89-	111841	14	50				
		10.89- 12.94	112754	14	70				
205 1.3		02.84- 10.87	110993#	14	50				
205 1.3 Rally	[TU24]	AC 10.87- 10.90	114026	14	80	10.87- 10.90	110584	12	1.2
205 1.4	[150 (XY6B)]	02.83- 10.87	110993#	14	50	02.83- 10.87	111068	12	0.85
		02.83- 10.87	111075	14	55				
		02.83- 10.87	111402	14	50				
	[150B (XY8)]	02.83- 10.87	110916#	14	40	02.83- 10.87	111068	12	0.85
		02.83- 12.88	110993#	14	50				
		02.83- 12.88	111402	14	50				
		12.88	111075	14	55				
	[150D (XY7)]	02.83- 10.87	110916#	14	40	02.83- 05.89	111068	12	0.85
		02.83- 05.89	110993#	14	50				
		02.83- 05.89	111075	14	55				
		10.87- 05.89	111841	14	50				
	[150G (XY7)]	10.87- 10.90	111075	14	55				
		10.87- 10.90	111402	14	50				
	[150H (XY8)]	02.83- 12.88	111402	14	50	10.85- 05.89	111068	12	0.85
		10.85- 10.87	110916#	14	40				
		10.85- 05.89	110993#	14	50				
		10.85- 05.89	111075	14	55				
		07.88- 05.89	111841	14	50				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

PEUGEOT Continued

	[K1D (TU3A)]	10.87- 10.90 10.87- 10.90 10.87- 10.90	110077 111841 112754	14 50 14 50 14 70		10.87- 10.90	110584	12 1.2
	[K2B (TU3S)]	06.87- 12.89 06.87- 12.89 06.87- 12.89	110077 111841 112754	14 50 14 50 14 70		06.87- 12.89	110584	12 1.2
	[KAY (TU3CP)]	08.87- 09.93 08.87- 09.93 01.89- 09.93	110077 112754 111841	14 50 14 70 14 50		08.87- 09.93	110584	12 1.2
	[KDX (TU3MC)]	08.90- 07.98 08.90- 07.98	111841 112754	14 50 14 70		08.90- 07.98	110584	12 1.2
	[KDY (TU3M)]	07.88- 09.98 07.88- 09.98 07.88- 09.98 AC 07.88- 09.98	110077 111841 112754 114026	14 50 14 50 14 70 14 80		07.88- 09.98	110584	12 1.2
	[KDZ (TU3M)]	07.88- 09.98 07.88- 10.90 07.88- 09.98 AC 07.88- 09.98	110077 111841 112754 114026	14 50 14 50 14 70 14 80		07.88- 09.98	110584	12 1.2
	[KFX (TU3JP)]	07.88- 09.98	110077	14 50				
	[Y2/K]	06.87- 12.89 AC 06.87- 12.89	110993# 110993#	14 50 14 50				
205 1.4 CJ	[150D (XY7)]	03.88- 05.89 03.88- 05.89 03.88- 05.89	110993# 111075 111841	14 50 14 55 14 50		03.88- 05.89	111068	12 0.85
	[150G (XY7)]	10.87- 10.90 10.87- 10.90	110993# 111075	14 50 14 55		10.87- 10.90	111068	12 0.85
	[K1D (TU3A)]	03.89- 12.94 03.89- 03.89- 12.94	110077 111841 112754	14 50 14 50 14 70		03.89-	110584	12 1.2
	[KDY (TU3M)]	05.91- 12.94 05.91- 05.91- 12.94	110077 111841 112754	14 50 14 50 14 70		05.91-	110584	12 1.2
	[KDZ (TU3M)]	05.91- 12.94 05.91- 12.94 05.91- 12.94 06.91- 12.94	110077 112754 111841 111841	14 50 14 70 14 50 14 50		06.91- 12.94	110584	12 1.2
205 1.4 CT	[150B (XY8)]	02.83- 12.88 04.86- 12.88 04.86- 12.88	111402 110993# 111075	14 50 14 50 14 55		02.83- 12.88	111068	12 0.85
	[150H (XY8)]	02.83- 12.88 02.83- 12.88 02.83- 12.88	110993# 111075 111402	14 50 14 55 14 50		02.83- 12.88	111068	12 0.85
205 1.6	[B1A (XU51C)]	08.86- 10.87 08.86- 10.87	111076 112162	14 50 14 70		02.83- 10.87 11.90- 09.98	110587 111130	12 1.2 12 1.1
	[B1E (XU51C)]	03.87- 10.87 03.87- 10.87	111076 112162	14 50 14 70		10.87- 03.87- 10.87	111130 110587	12 1.1 12 1.2
	[BAZ (XU5CP)]	02.83- 10.87	111076	14 50		02.83- 09.98	110587	12 1.2
	[BDY (XU5M2Z)]	05.90- 09.98 05.90- 09.98	111076 112162	14 50 14 70		05.90- 09.98 05.90- 09.98	110587 111130	12 1.2 12 1.1
	[BDY (XU5M3Z)]	05.90- 09.98 05.90- 09.98	111076 112162	14 50 14 70		05.90- 09.98 05.90- 09.98	110587 111130	12 1.2 12 1.1
	[XU51C]					10.87- 09.98	110587	12 1.2
205 1.6 CJ	[BDY (XU5M3Z)]	08.92-	112162	14 70		08.92- 08.92-	111130 110587	12 1.1 12 1.2
205 1.6 CTi	[180A (XU5J)]	04.86- 10.90 04.86- 10.90	111076 112162	14 50 14 70		04.86- 10.90 04.86- 10.90	110587 111130	12 1.2 12 1.1
	[180Z (XU5J)]	04.86- 10.90	111076	14 50		10.83- 10.87	110587	12 1.2
205 1.6 GTX		01.87- 10.91	110993#	14 50				
205 1.6 GTi	[180A (XU5J)]	03.84- 12.89 12.84- 10.87	111076 112162	14 50 14 70		12.84- 12.89 10.87- 12.89	110587 111130	12 1.2 12 1.1
	[180Z (XU5J)]	10.87- 12.89	111076	14 50				
	[XU5JA]	10.87- 12.89	111076	14 50		10.87- 12.89	110587	12 1.2
205 1.7 Diesel	[161A (XUD7)]	03.94-	111076	14 50		03.94-	111070	12 1.7
205 1.8 Diesel	[161A (XUD7)]	08.83- 12.89	111076	14 50		08.83- 12.89	111070	12 1.7
	[A8B (XUD7TE)]	01.90-	111076	14 50		11.90- 09.98	111070	12 1.7
205 1.9 CTi	[DFZ (XU9J1)]	10.87- 10.87-	111076 112162	14 50 14 70		10.87- 10.87-	110587 111130	12 1.2 12 1.1
205 1.9 GTi	[D2A (XU92C)]	10.87- 05.89 10.87- 05.89	111076 112162	14 50 14 70		10.87- 05.89	110587	12 1.2
	[D6B (XU9JA)]	10.86- 09.98 10.86- 09.98	111076 112162	14 50 14 70		10.86- 09.98 11.90- 09.98	110587 111130	12 1.2 12 1.1
	[DFZ (XU9J1)]	03.87- 07.94 03.87- 07.94	111076 112162	14 50 14 70		03.87- 07.94 11.90- 07.94	110587 111130	12 1.2 12 1.1
	[DKZ (XU9JAZ)]	10.87- 10.94 10.87- 10.94	111076 112162	14 50 14 70		11.90- 10.94 10.87- 10.94	111130 110587	12 1.1 12 1.2
205 1.9 Diesel	[DJZ (XUD9Y)]	10.87- 09.98 10.87- 09.98	111076 112162	14 50 14 70		10.87- 09.98	111070	12 1.7
206 1.1	[HFX (TU1JP)]	03.02- 07.02- PS 07.02- ACPS 07.02-	113603 113575 113405 112469	14 80 14 80 14 70 14 90		07.02- 07.02-	110584 111994	12 1.2 12 0.7
206 1.1 i	[HFX (TU1JP)]	03.00- 03.00- 09.98- PS 03.00-	113503 113603 113575 112058	14 120 14 80 14 80 14 70		03.00- 06.98-	110584 111994	12 1.2 12 0.7



	[HFZ (TU1JP)]	06.98- 09.98- 09.98- PS 09.98- ACPS 09.98-	113603 112469 113575 113405 112469	14 80 14 90 14 80 14 70 14 90	06.98-	111994	12 0.7	
206 1.4	[KFW (TU3JP)]	03.02- 07.02- PS 07.02- ACPS 07.02-	113603 113575 113405 112469	14 80 14 80 14 70 14 90	07.02- 07.02-	111994 110584	12 0.7 12 1.2	
206 1.4 16V	[KFU (ET3J4)]	10.03- 10.03- 10.03-	112469 113405 113575	14 90 14 70 14 80	10.03- 10.03-	110584 111994	12 1.2 12 0.7	
206 1.4 i	[KFW (TU3JP)]	03.00- 09.98- PS 03.00-	113603 113575 112058	14 80 14 80 14 70	03.00- 06.98-	110584 111994	12 1.2 12 0.7	
	[KFX (TU3JP)]	06.98- 09.98- 09.98- PS 09.98- ACPS 09.98-	113603 112469 113575 113405 113405	14 80 14 90 14 80 14 70 14 70	06.98- 09.98-	111994 110584	12 0.7 12 1.2	
206 1.4 LPG	[KFV(TU3JP)]	05.06- 09.07	110619	14 70	05.06- 09.07	110584	12 1.2	
		05.06- 09.07	112058	14 70	05.06- 09.07	111994	12 0.7	
		05.06- 09.07	113405	14 70				
		05.06- 09.07	113503	14 120				
		05.06- 09.07	113575	14 80				
		05.06- 09.07	113603	14 80				
206 1.4 HDI	[8HX (DV4TD)]	07.02- 07.02- 02.07	113755 113948	14 150 14 150	07.02- 02.07	113254	12 1.1	
206 1.4 HDI eco	[8HX (DV4TD)]	09.01- 09.01-	113755 113948	14 150 14 150	09.01- 09.01-	113254 113933	12 1.1 12 1.5	
	[8HZ (DV4TD)]	09.01- 09.01-	113755 113948	14 150 14 150	09.01- 09.01-	113254 113933	12 1.1 12 1.5	
206 1.4 HDI eco 70	[8HZ (DV4TD)]				09.08- 09.08-	113254 113933	12 1.1 12 1.5	
206 1.6 16V	[NFU (TU5JP4)]	03.00-	113603	14 80	09.00-	110584	12 1.2	
		09.00-	112058	14 70	09.00-	111994	12 0.7	
		09.00-	112469	14 90				
		09.00-	113405	14 70				
		09.00-	113575	14 80				
		12.00-	112480	14 90				
		PS 07.02-	113405	14 70				
		ACPS 09.00- ACPS 07.02-	112480 112469	14 90 14 90				
206 1.6 i	[NFZ (TU5JP)]	06.98- 09.98- 09.98- 09.98- 12.00	113603 112058 112469 113575	14 80 14 70 14 90 14 80	06.98- 06.98-	110584 111994	12 1.2 12 0.7	
		PS 09.98- ACPS 09.98-	113405 112469	14 70 14 90				
		04.05-	113640	14 150	04.05- 04.05- 04.05-	113254 113933 114030	12 1.1 12 1.5 12 2.2	
		05.04- 05.04-	113503 113640	14 120 14 150	05.04- 05.04- 05.04-	113254 113933 114030	12 1.1 12 1.5 12 2.2	
		05.04- 05.04-	113503 113640	14 120 14 150	05.04- 05.04- 05.04-	113254 113933 114030	12 1.1 12 1.5 12 2.2	
206 1.6 HDI	[9HZ (DV6TED4)]	04.05-	113640	14 150	04.05- 04.05- 04.05-	113254 113933 114030	12 1.1 12 1.5 12 2.2	
		05.04- 05.04-	113503 113640	14 120 14 150	05.04- 05.04- 05.04-	113254 113933 114030	12 1.1 12 1.5 12 2.2	
		05.04- 05.04-	113503 113640	14 120 14 150	05.04- 05.04- 05.04-	113254 113933 114030	12 1.1 12 1.5 12 2.2	
		06.98- 09.98- 09.98- ACPS 09.98-	113603 112058 112480 112480	14 80 14 70 14 90 14 90	09.98- 09.98- 11.01	111070 114460	12 1.7 12 1.4	
206 2.0 RC	[RFK (EW10J4S)]				07.03-	111730	12 1.0	
206 2.0 16V	[RFN (EW10J4)]	03.02-	113503	14 120				
206 2.0 S 16	[RFN (EW10J4)]	05.00- 05.00- 05.00-	112058 112480 113405	14 70 14 90 14 70				
		[RFR (DEW10J4)]	04.99- 04.99-	112058 112480	14 70 14 90			
		03.02- 12.99- 12.99- 12.99-	113503 112460 112480 113640	14 120 14 150 14 90 14 150	12.99- 12.99-	114460 111070	12 1.4 12 1.7	
206 2.0 HDI	[RHY (DW10TD)]							
207 1.4	[KFV (TU3A)]				02.06- 12.07-	110584 110584	12 1.2 12 1.2	
	[KFW(TU3A)]	12.07-	113284	28 100				
207 1.4 16V	[EP3C]				06.07-	113960	12 0.9	
	[KFU (ET3J4)]				02.06- 10.09-	110584 113960	12 1.2 12 0.9	
207 1.4 HDI	[8HZ (DV4TD)]	10.09-	114752*	14 80	10.09-	113960	12 0.9	
		02.06-	113640	14 150	02.06- 02.06- 02.06-	113933 111848 113254	12 1.5 12 1.0 12 1.1	
					02.06- 02.07-	113960 113960	12 0.9 12 0.9	
207 1.6 16V	[5FW (EP6)]				06.07-	113960	12 0.9	
	[EP6]				02.07-	113960	12 0.9	
	[NFU (TU5JP4)]	02.06-	113250	14 70	02.06-	110584	12 1.2	
207 1.6 16V RC	[5FY (EP6DTS)]				02.07-	113960	12 0.9	
207 1.6 Turbo 16V	[5FX (EP6DT)]				02.06-	113960	12 0.9	
207 1.6 VTi 16V	[EP6]				02.07-	113960	12 0.9	
207 1.6 HDI	[9HP (DV6DTE)]				11.09- 11.09-	113933 114030	12 1.5 12 2.2	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

PEUGEOT Continued

	[9HX (DV6ATED4)]	02.06-	113640	14	150		02.06-	113254	12	1.1
							02.06-	113933	12	1.5
							02.06-	114030	12	2.2
	[9HY (DV6TED4)]						02.06-	113254	12	1.1
							02.06-	113933	12	1.5
							02.06-	114030	12	2.2
	[9HZ (DV6TED4)]	02.06-	113640	14	150		02.06-	113933	12	1.5
							02.06-	111848	12	1.0
							02.06-	113254	12	1.1
							02.06-	114030	12	2.2
208 1.0							03.12-	113960	12	0.9
208 1.2							03.12-	113960	12	0.9
208 1.4	[EP3C]						03.12-	113960	12	0.9
208 1.4 HDi	[8HP(DV4C)]						03.12-	113254	12	1.1
							03.12-	113933	12	1.5
	[8HR(DV4C)]						03.12-	113254	12	1.1
							03.12-	113933	12	1.5
208 1.6	[EP6CDT]						03.12-	113960	12	0.9
							03.12-	113960	12	0.9
208 1.6 GTI	[5FU (EP6CDTX)]	08.12-	114752*	14	80		08.12-	113960	12	0.9
208 1.6 HDi	[9HP (DV6DTED)]						03.12-	113254	12	1.1
							03.12-	113933	12	1.5
							03.12-	113933	12	1.5
							03.12-	114030	12	2.2
301 1.6 VTi 115	[NFP(EC5)]	11.12-	113246	14	90		11.12-	110581	24	4.5
301 1.6 HDi 92	[9HF (DV6DTED)]						11.12-	113254	12	1.1
							11.12-	114030	12	2.2
305 1.6	[171 (XU5S)]	10.82- 06.88	111076	14	50		10.82- 06.88	110587	12	1.2
							10.82- 06.88	111130	12	1.1
	[B1A (XU51C)]	10.82- 12.88	111076	14	50		10.82- 12.88	110587	12	1.2
							10.82- 12.88	111130	12	1.1
	[BAZ (XU5CP)]	11.86- 12.88	111076	14	50		11.86- 12.88	110587	12	1.2
							11.86- 12.88	111130	12	1.1
305 1.9	[159 (XU9S)]	10.82- 10.87	111076	14	50		10.82- 10.87	111130	12	1.1
		10.82- 12.88	112162	14	70		10.82- 10.87	110587	12	1.2
	[DFZ (XU9J1)]	11.86- 12.88	111076	14	50		11.86- 12.88	111130	12	1.1
		11.86- 12.88	112162	14	70		11.86- 12.88	110587	12	1.2
305 1.9 Diesel	[162 (XUD9)]	10.82- 12.88	111076	14	50		10.82- 12.88	111070	12	1.7
		10.82- 12.88	112162	14	70					
	[D9A (XUD9)]	10.82- 12.88	111076	14	50		10.82- 12.88	111070	12	1.7
		10.82- 12.88	112162	14	70					
306 1.1	[HDZ (TU1M)]	01.93-	112782	14	80		01.93-	110584	12	1.2
		05.93- 05.01	110619	14	70					
306 1.4	[KDX (TU3MC)]	05.93- 05.01	110619	14	70		01.93-	110584	12	1.2
		AC 01.93-	112782	14	80					
	[KFW (TU3JP)]	10.00- 10.03	112782	14	80		10.00- 10.03	110584	12	1.2
		05.93- 05.01	110619	14	70					
	[KFX (TU3JP)]	05.93- 05.01	110619	14	70		09.96-	110584	12	1.2
		09.96-	112782	14	80					
306 1.4 SL	[KDX (TU3MC)]	06.94- 05.01	110619	14	70		02.93-	110584	12	1.2
		ACPS 02.93-	112782	14	80					
	[KFW (TU3JP)]	10.00- 10.03	112782	14	80		10.00- 10.03	110584	12	1.2
		06.94- 05.01	110619	14	70					
	[KFX (TU3JP)]	06.94- 05.01	110619	14	70		09.96-	110584	12	1.2
		ACPS 09.96-	112782	14	80					
306 1.4 i	[KFW (TU3JP)]	10.00- 10.03	112782	14	80		03.97-	110584	12	1.2
		03.97- 04.02	110619	14	70					
	[KFX (TU3JP)]	03.97- 04.02	110619	14	70		03.97-	110584	12	1.2
		03.97-	111723	14	70					
306 1.6	[NFT (TU5JP/L4)]	10.00- 04.02	110619	14	70		10.00-	110584	12	1.2
		10.00-	112782	14	80					
		PS 10.00-	111723	14	70					
	[NFZ (TU5JP)]	05.93- 10.00	110619	14	70		01.93-	110584	12	1.2
		03.97-	111723	14	70					
		ACPS 01.93-	112782	14	80					
306 1.6 SR	[NFZ (TU5JP)]	06.94- 10.00	110619	14	70		06.94-	110584	12	1.2
		ACPS 06.94-	112782	14	80					
306 1.8	[LFZ (XU7JP)]	01.93-	112299	14	95		01.93-	113443	12	1.4
		03.94-	112298	14	80		03.93-	111070	12	1.7
		AC 03.97-	112298	14	80		01.93-	111130	12	1.1
306 1.8 ST	[LFZ (XU7JP)]	06.94-	112299	14	95		06.94-	111130	12	1.1
							06.94-	113443	12	1.4
306 1.8 16V	[LFY (XU7JP4)]	03.97-	111318	14	80		03.97-	113443	12	1.4
		03.97-	113604	14	95		03.97-	111130	12	1.1
		AC 03.97-	111318	14	80					
306 1.8 Diesel	[A9A (XUD7)]	05.93- 02.02	112230	14	80		05.93- 05.01	114460	12	1.4
		05.93- 02.02	112292	14	70		04.97- 10.03	111070	12	1.7
		ACPS 06.95- 02.02	113485	14	80					
306 1.9 Diesel	[DHW (XUD9BSD)]	03.98-	112292	14	70		05.97- 10.03	111070	12	1.7
		03.98-	112298	14	80		03.98- 05.01	114460	12	1.4
		PS 03.98-	111893	14	70					
		PS 03.98-	112688	14	95					
		PS 03.98-	113485	14	80					





	[DJY (XUD9A)]	06.94- 04.97	112230	14 80		06.94-	111070	12 1.7
		06.94- 04.97	112292	14 70		03.97- 04.02	114460	12 1.4
		07.95- 04.97	112688	14 95				
		03.97-	112298	14 80				
		PS 03.97-	111893	14 70				
		PS 03.97-	112688	14 95				
		PS 03.97-	113485	14 80				
		ACPS 06.94- 06.95	112230	14 80				
		ACPS 07.95- 04.97	113485	14 80				
	[DJZ (XUD9Y)]	05.93- 06.94	112230	14 80		05.93- 06.94	111070	12 1.7
		05.93- 09.94	112292	14 70		05.93- 06.94	111129#	12 1.4
		ACPS 05.93- 06.94	112230	14 80				
	[WJY (DW8B)]	09.99- 10.03	112058	14 70		09.99- 10.03	111070	12 1.7
		09.99- 10.03	113603	14 80		09.98- 05.01	114460	12 1.4
	[WJZ (DW8)]	09.98- 10.03	112058	14 70		09.98- 10.03	111070	12 1.7
		09.98-	112292	14 70		09.98- 04.02	114460	12 1.4
		09.98-	112298	14 80				
		09.98- 10.03	113603	14 80				
		PS 09.98-	111893	14 70				
		PS 09.98-	112688	14 95				
		PS 09.98-	113485	14 80				
	[XUD9TE]	02.94- 04.99	112230	14 80		02.94- 04.99	111070	12 1.7
		02.94- 04.99	113485	14 80				
306 1.9 Diesel SLD	[DJY (XUD9A)]	06.94- 04.97	112230	14 80		06.94- 05.01	114460	12 1.4
		06.94- 04.97	112292	14 70		06.94-	111070	12 1.7
		07.95- 04.97	112688	14 95				
		ACPS 06.94- 06.95	112230	14 80				
		ACPS 07.95- 04.97	113485	14 80				
	[DJZ (XUD9Y)]	05.93- 06.94	112230	14 80		06.94- 05.01	114460	12 1.4
		05.93- 06.94	112292	14 70		06.94-	111070	12 1.7
		ACPS 05.93- 06.94	112230	14 80				
306 1.9 Diesel SRDT	[DHY (XUD9TE)]	05.93- 04.97	112230	14 80		06.94-	111070	12 1.7
		05.93- 04.97	112292	14 70				
		07.95- 04.97	112688	14 95				
		ACPS 05.93- 06.95	112230	14 80				
		ACPS 07.95- 04.97	113485	14 80				
306 1.9 STD	[XUD9]	02.94- 10.95	112230	14 80		02.94- 10.95	111070	12 1.7
		02.94- 10.95	112688	14 95				
		02.94- 10.95	113485	14 80				
306 1.9 TD	[DHY (XUD9TE)]	05.93- 04.97	112230	14 80		05.93- 04.97	111129#	12 1.4
		05.93- 04.97	112292	14 70		05.93- 04.97	111070	12 1.7
		05.93- 04.97	112688	14 95				
		02.97-	112298	14 80				
		02.97-	113485	14 80				
		PS 02.97-	111893	14 70				
		ACPS 05.93- 04.97	112230	14 80				
		ACPS 05.93- 04.97	113485	14 80				
306 2.0	[RFV (XU10J4R)]	03.97-	111318	14 80		03.97-	111130	12 1.1
		03.97-	113604	14 95				
	[RFX (XU10J2)]	03.94- 06.96	112298	14 80		03.94-	111130	12 1.1
		03.94- 06.96	112299	14 95		03.94-	113443	12 1.4
		03.94-	113604	14 95				
		07.96-	111318	14 80				
306 2.0 ST	[RFX (XU10J2)]	07.94- 06.96	112298	14 80		07.94-	113443	12 1.4
		07.94- 06.96	112299	14 95		07.94-	111130	12 1.1
		07.94-	113604	14 95				
		07.96-	111318	14 80				
306 2.0 16V	[RFV (XU10J4R)]	03.97-	111318	14 80		03.97-	111130	12 1.1
		03.97-	113604	14 95				
306 2.0 i 16V	[RFS (XU10J4RS)]	03.96-	111318	14 80				
		03.96-	113604	14 95				
	[RFT (XU10J4)]	06.94- 06.96	112298	14 80				
		06.94- 06.96	112299	14 95				
		06.94-	113604	14 95				
		07.96-	111318	14 80				
306 2.0 i XS	[RFX (XU10J2)]	05.93- 06.96	112298	14 80		05.93-	113443	12 1.4
		05.93- 06.96	112299	14 95		05.93-	111130	12 1.1
		05.93-	113604	14 95				
		07.96-	111318	14 80				
306 2.0 S 16	[RFT (XU10J4)]	06.94- 06.96	112298	14 80				
		06.94- 06.96	112299	14 95				
		06.94-	113604	14 95				
		07.96-	111318	14 80				
	[RFY (XU10J4Z)]	05.93-	113604	14 95				
		06.94- 06.96	112298	14 80				
		06.94- 06.96	112299	14 95				
		07.96-	111318	14 80				
306 2.0 HDi	[RHY (DW10TD)]	06.99-	112460	14 150		06.99-	111070	12 1.7
		06.99-	112480	14 90				
307 1.4	[KFW (TU3JP)]	08.00-	113246	14 90		08.00-	110584	12 1.2
		08.00-	113250	14 70		08.00-	111994	12 0.7
307 1.4 16V	[KFU (ET3J4)]	11.03-	113405	14 70		11.03-	111994	12 0.7
						11.03-	110584	12 1.2
307 1.4 HDi	[8HX (DV4TD)]	10.01-	113755	14 150		10.01-	113254	12 1.1
	[8HZ (DV4TD)]	10.01-	113755	14 150		10.01-	113254	12 1.1
307 1.6 16V	[NFU (TU5JP4)]	03.02-	113246	14 90		03.02-	111994	12 0.7
		03.02-	113250	14 70		03.02-	110584	12 1.2
	[TU5JP4]	08.00-	113246	14 90		08.00-	111994	12 0.7
						08.00-	110584	12 1.2

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

PEUGEOT Continued

307 1.6 HDi	[9HV (DV6ATED4)]	01.06-	113640	14 150	05.05-	114030	12 2.2	
307 1.6 HDi FAP	[9HY (DV6TED4)]	02.04-	112461	14 150 A47	02.04-	113933	12 1.5	
		02.04-	113640	14 150	02.04-	113254	12 1.1	
		02.04-	114798	14 150 A46	02.04-	114030	12 2.2	
307 2.0	[RFN (EW10J4)]	03.02-	112469	14 90				
307 2.0 16V	[RFJ (EW10A)]	03.05-	113575	14 80	03.05-	114460	12 1.4	
		03.05-	115371*	14 120	06.05-	111070	12 1.7	
	[RFK (EW10J4S)]	10.03-	112469	14 90				
		06.05-	113755	14 150				
	[RFN (EW10J4)]	08.00-	112469	14 90				
307 2.0 HDi	[RHS (DW10ATED4)]	08.00-	112461	14 150 A47	08.00-	114460	12 1.4	
		08.00-	113640	14 150	08.00-	111070	12 1.7	
		08.00-	114798	14 150 A46				
		03.02-	112460	14 150				
		03.02-	112480	14 90				
		03.02-	113503	14 120				
	[RHY (DW10TD)]	08.00-	112461	14 150 A47	03.02-	114460	12 1.4	
		08.00-	112480	14 90	08.00-	111070	12 1.7	
		08.00-	113640	14 150				
		08.00-	114798	14 150 A46				
		03.02-	112460	14 150				
		03.02-	113503	14 120				
	AC	08.00-	112460	14 150				
307 2.0 HDi FAP	[RHR (DW10BTED4)]	02.04-	113640	14 150	10.03-	113926	12 1.9	
	Chas. 09520-	10.03-	113640	14 150	10.03-	114460	12 1.4	
	Chas. -09519	10.03-	112461	14 150 A47	10.03-	111070	12 1.7	
	Chas. -09519	10.03-	114798	14 150 A46				
	[RHS (DW10ATED 4)1]	Chas. 9520-	03.02-	113640	14 150	03.02-	114460	12 1.4
		Chas. -9519	03.02-	112461	14 150 A47	03.02-	111070	12 1.7
		Chas. -9519	03.02-	114798	14 150 A46			
308 1.2 VTI 72					09.13-	113960	12 0.9	
308 1.4 16V	[8FR (EP3C)]				12.09-	113960	12 0.9	
	[EP3]				09.07-	113960	12 0.9	
308 1.6					09.13-	113960	12 0.9	
308 1.6 GTI	[5FU (EP6CDTX)]				07.10-	113960	12 0.9	
308 1.6 16V	[5FT (EP6DT)]				09.07-	113960	12 0.9	
	[5FV (EP6CDT)]				10.09-	113960	12 0.9	
	[5FX (EP6DT)]				09.07-	113960	12 0.9	
	[5FY (EP6DTS)]				03.08-	113960	12 0.9	
	[EP6]				09.07-	113960	12 0.9	
	[EP6DTS]				03.08-	113960	12 0.9	
308 1.6 16V CC	[5FX (EP6DT)]				06.09-	113960	12 0.9	
308 1.6 Bioflex	[NFU (TU5JP4)]				04.08-	110584	12 1.2	
308 1.6 HDi	[9HP (DV6DTED)]				11.09-	113933	12 1.5	
	[9HR (DV6C)]				12.09-	113933	12 1.5	
					12.09-	114030	12 2.2	
	[9HV (DV6ATED4)]				09.07-	113933	12 1.5	
					09.07-	114030	12 2.2	
	[9HZ (DV6ATED4)]	09.07-	113640	14 150	09.07-	113254	12 1.1	
	[DV6TED4]	09.07-	113640	14 150	09.07-	113933	12 1.5	
					09.07-	114030	12 2.2	
					03.13-	114030	12 2.2	
					03.13-	113933	12 1.5	
					09.13-	113254	12 1.1	
308 2.0 Diesel CC	[RHR (DW10BTED4)]				04.09-	114854	12 2.5	
308 2.0 HDi	[DW10BTED4]				09.07-	114854	12 2.5	
	[RHH (DW10CTED4)]				04.12-	114460	12 1.4	
					04.12-	113926	12 1.9	
					04.12-	114854	12 2.5	
	[RHR (DW10BTED4)]	09.07-	113640	14 150	07.10-	113933	12 1.5	
					09.07-	114854	12 2.5	
309 1.1	[E1]	10.85- 07.89	110993#	14 50				
	[HDZ (TU1M)]	08.90- 12.93	110993#	14 50	08.90- 12.93	110584	12 1.2	
309 1.3	[G1A]	10.85- 07.89	110993#	14 50				
309 1.4	[K1D (TU3A)]	03.89- 12.93	110077	14 50	03.89- 12.93	110584	12 1.2	
		03.89- 12.93	111841	14 50				
		03.89- 12.93	112754	14 70				
	[K2B (TU3S)]	03.89- 07.89	110077	14 50	03.89- 12.93	110584	12 1.2	
		03.89- 12.93	111841	14 50				
		03.89- 07.89	112754	14 70				
	[KDY (TU3M)]	03.89- 12.93	110077	14 50	03.89- 12.93	110584	12 1.2	
		03.89- 12.93	112754	14 70				
	[KDZ (TU3M)]	03.89- 12.93	110077	14 50	03.89- 12.93	110584	12 1.2	
		03.89- 12.93	111841	14 50				
		03.89- 12.93	112754	14 70				
309 1.6	[180Z (XU5J)]	11.85- 09.88	111076	14 50	11.85- 09.88	110587	12 1.2	
	[B1A (XU51C)]	10.85- 07.89	111076	14 50	10.85- 07.89	110587	12 1.2	
		10.85- 12.93	112162	14 70				
	[B1E (XU51C)]	08.87- 07.89	111076	14 50	08.87- 07.89	110587	12 1.2	
		08.87- 07.89	112162	14 70				
	[B2A (XU52C/K)]	07.89- 12.93	111076	14 50	07.89- 12.93	110587	12 1.2	
		07.89- 12.93	112162	14 70				
	[B6B (XU5J)]	11.85- 09.88	111076	14 50	11.85- 09.88	110587	12 1.2	
		11.85- 09.88	112162	14 70				
	[BDY (XU5M2Z)]	07.89- 12.93	111076	14 50	07.89- 12.93	110587	12 1.2	
	[BDY (XU5M3Z)]	07.89- 12.93	111076	14 50	07.89- 12.93	110587	12 1.2	



	[BDZ (XU5M)]	07.89- 12.93	111076	14 50		07.89- 12.93	110587	12 1.2
		07.89- 12.93	112162	14 70				
		10.85- 04.89	111076	14 50		10.85- 12.90	110587	12 1.2
309 1.8 Diesel	[161A (XUD7)]	07.89- 12.93	111076	14 50		07.89- 12.93	111070	12 1.7
		07.89- 12.93	112162	14 70				
309 1.8 TD	[A8B (XUD7TE)]	08.89- 12.93	111076	14 50		08.89- 12.93	111070	12 1.7
		08.89- 12.93	112162	14 70				
309 1.9	[D2B (XU9S)]	10.85- 07.89	111076	14 50		10.85- 07.89	110587	12 1.2
		10.85- 07.89	112162	14 70		10.85- 07.89	111130	12 1.1
	[D6B (XU9JA)]	10.86- 07.89	111076	14 50		10.86- 07.89	110587	12 1.2
		10.86- 07.89	112162	14 70				
	[DDZ (XU9M)]	07.88- 12.93	111076	14 50		07.88- 12.93	110587	12 1.2
		07.88- 12.93	112162	14 70				
	[DFZ (XU9J1)]	03.86- 12.93	111076	14 50		03.86- 12.93	110587	12 1.2
		03.86- 12.93	112162	14 70				
309 1.9 GTI	[D6C (XUD9J4)]	08.89- 12.93	112162	14 70		08.89- 07.90	110587	12 1.2
	[DKZ (XU9JAZ)]	07.88- 12.93	112162	14 70		07.88- 12.93	110587	12 1.2
309 1.9 GTI 16V	[DFW (XU9J4Z)]	10.90- 12.93	112162	14 70		10.90- 12.93	110587	12 1.2
309 1.9 Diesel	[162 (XUD9)]	06.86- 12.93	111076	14 50		06.86- 12.93	111070	12 1.7
	[D9A (XUD9)]	06.86- 12.93	111076	14 50		06.86- 12.93	111070	12 1.7
		06.86- 12.93	112162	14 70				
	[DJZ (XUD9Y)]	07.89- 12.93	111076	14 50		07.89- 12.93	111070	12 1.7
404 1.6	[XC6]	04.63-	110745#	14 40 A30		04.63-	110793	12 0.9
						04.63- 12.71	111066	12 1.05
404 1.6 GT	[XC6]	07.71-	110745#	14 40 A30		07.71-	110793	12 0.9
						07.71- 12.71	111066	12 1.05
405 1.4	[K5A (TU3)]	01.87- 07.92	110077	14 50		01.87- 07.92	110584	12 1.2
		01.87- 07.92	111841	14 50				
		01.87- 07.92	112754	14 70				
	[KDX (TU3MC)]	08.92- 10.96	110619	14 70		08.92- 04.97	110584	12 1.2
405 1.6	[B1E (XU51C)]	07.87- 12.92	111076	14 50		07.87- 12.92	110587	12 1.2
		07.87- 12.92	112162	14 70		07.87- 12.92	111130	12 1.1
	[BAZ (XU5CP)]	07.87- 08.92	111076	14 50		07.87- 08.92	110587	12 1.2
		07.87- 08.92	112162	14 70		07.87- 08.92	111130	12 1.1
	[BDY (XU5M2Z)]	07.87- 12.92	111076	14 50		08.92- 04.97	113443	12 1.4
		08.92- 04.97	112772	14 120		07.87- 04.97	111130	12 1.1
		AC 08.92- 04.97	112299	14 95				
	[BDY (XU5M3Z)]	10.88- 08.92	111076	14 50		08.92- 04.97	113443	12 1.4
		08.92- 04.97	112772	14 120		10.88- 04.97	111130	12 1.1
		AC 08.92- 04.97	112299	14 95				
	[BDZ (XU5M)]	07.87- 12.92	111076	14 50		07.87- 12.92	110587	12 1.2
		07.87- 12.92	112162	14 70		07.87- 09.09	111130	12 1.1
	[BFZ (XU5JP)]	09.94- 04.97	112772	14 120		09.94- 04.97	111130	12 1.1
		AC 09.94- 04.97	112299	14 95		09.94- 04.97	113443	12 1.4
	[XU52C]	01.87- 12.92	111076	14 50		01.87- 12.92	111130	12 1.1
		01.87- 12.92	112162	14 70		01.87- 12.92	110587	12 1.2
	[XU5J]	10.88- 08.92	111076	14 50		10.88- 08.92	111130	12 1.1
		10.88- 08.92	112162	14 70		10.88- 08.92	110587	12 1.2
						10.88- 08.92	111130	12 1.1
405 1.8	[LFZ (XU7JP)]	08.92-	112298	14 80		08.92- 04.97	113443	12 1.4
		08.92-	112299	14 95		08.92- 04.97	111130	12 1.1
		AC 08.92- 04.97	112298	14 80				
		AC 08.92- 04.97	112299	14 95				
405 1.8 TD	[A8A (XUD7TE)]	03.88- 12.92	111076	14 50		03.88- 12.92	111070	12 1.7
		03.88- 12.92	112162	14 70				
	[AJZ (XUD7TEY)]	03.88- 12.92	111076	14 50		03.88- 12.92	111070	12 1.7
		10.90- 08.92	112162	14 70				
405 1.9	[D2C (XU92C)]	07.87- 12.92	111076	14 50		07.87- 12.92	110587	12 1.2
		07.87- 12.92	112162	14 70				
	[D6A]	07.87- 12.92	111076	14 50		07.87- 12.92	110587	12 1.2
						07.87- 12.92	111130	12 1.1
	[DDZ (XU9M)]	07.88- 12.92	111076	14 50		07.88- 12.92	110587	12 1.2
		07.88- 12.92	112162	14 70				
	[DFZ (XU9J1)]	10.88- 08.92	111076	14 50		10.88- 08.92	110587	12 1.2
		10.88- 08.92	112162	14 70				
	[DKZ (XU9JAZ)]	07.88- 12.92	111076	14 50		07.88- 12.92	110587	12 1.2
		07.88- 12.92	112162	14 70				
405 1.9 4x4	[DDZ (XU9M)]	07.88- 12.92	111076	14 50		07.88- 12.92	110587	12 1.2
		07.88- 12.92	112162	14 70				
405 1.9 Sport MI 16	[D6C (XU9J4)]	07.87- 11.91	111076	14 50		07.87- 11.91	110587	12 1.2
		07.87- 12.92	112162	14 70				
	[DFW (XU9J4Z)]	04.88- 12.92	111076	14 50		04.88- 12.92	110587	12 1.2
		04.88- 12.92	112162	14 70				
405 1.9 Sport MI 16 4X4	[DFW (XU9J4Z)]	04.88- 12.92	111076	14 50		04.88- 12.92	110587	12 1.2
		04.88- 12.92	112162	14 70				
405 1.9 i	[DFZ (XU9J1)]	07.87- 12.92	111076	14 50		07.87- 12.92	110587	12 1.2
		07.87- 12.92	112162	14 70				
405 1.9 Diesel	[D9B (XUD9A)]	03.88- 12.92	112162	14 70		03.88- 12.92	111070	12 1.7
	[DJY (XUD9A)]	10.88- 08.92	111076	14 50		10.88- 04.97	111070	12 1.7
		06.94-	112230	14 80		06.94- 10.96	114460	12 1.4
		06.94-	112292	14 70				
		06.94- 10.95	114026	14 80				
	[DJZ (XUD9Y)]	07.88- 09.92	112162	14 70		07.88- 06.94	111070	12 1.7
		08.92- 06.94	112230	14 80		08.92- 10.96	114460	12 1.4
		08.92- 06.94	112292	14 70				
		08.92- 10.95	114026	14 80				
	[XUD9]	09.93- 12.95	114026	14 80		01.93-	111070	12 1.7
						09.93- 12.95	114460	12 1.4



Application list

PEUGEOT Continued

405 1.9 TD	[DHY (XUD9TE)]	08.92- 04.97	112230	14 80	08.92- 04.97	111070	12 1.7
		08.92- 04.97	112292	14 70	08.92- 10.96	114460	12 1.4
		08.92- 10.96	114026	14 80			
405 2.0	[RFX (XU10J2)]	08.92-	112299	14 95	08.92- 04.97	113443	12 1.4
		AC 08.92- 04.97	112299	14 95	08.92- 04.97	111130	12 1.1
		AC 08.92- 04.97	112772	14 120			
405 2.0 4x4	[RFX (XU10J2)]	08.92-	112299	14 95	08.92- 04.97	113443	12 1.4
		AC 08.92- 04.97	112299	14 95	08.92- 04.97	111130	12 1.1
		AC 08.92- 04.97	112772	14 120			
405 2.0 MI 16	[RFY (XU10J4Z)]	08.92-	112299	14 95			
		AC 08.92- 04.97	112299	14 95			
		AC 08.92- 04.97	112772	14 120			
405 2.0 16V	[RFT (XU10J4)]	06.94-	112299	14 95			
		AC 06.94-	112299	14 95			
		AC 06.94-	112772	14 120			
405 2.0 Turbo 16 4x4	[RGZ (XU10J4TE/Z)]	08.92-	112299	14 95			
		AC 08.92- 04.97	112299	14 95			
		AC 08.92- 04.97	112772	14 120			
406 1.6	[BFZ (XU5JP)]	11.95-	112298	14 80	11.95-	113443	12 1.4
		11.95-	112299	14 95	11.95-	111130	12 1.1
		AC 11.95-	112298	14 80			
		AC 11.95-	112299	14 95			
406 1.8	[LFX (XU7JB)]	05.97-	111318	14 80	05.97-	111130	12 1.1
		05.97- 05.04	113604	14 95	05.97-	113443	12 1.4
		AC 05.97-	111318	14 80			
406 1.8 16V	[6FZ (EW7J4)]	10.00-	112480	14 90			
		10.00- 05.04	113575	14 80			
	[LFY (XU7JP4)]	10.95-	111318	14 80	11.95-	111130	12 1.1
		11.95- 10.00	113604	14 95	11.95-	113443	12 1.4
406 1.9 Diesel	[DHW (XUD9SD)]	10.96-	112688	14 95	10.96-	111070	12 1.7
		10.96-	112703	14 120	10.96- 05.04	114460	12 1.4
		10.96-	113485	14 80			
406 1.9 TD	[DHX (XUD9TE)]	01.96-	112688	14 95	01.96- 10.04	114460	12 1.4
		01.96-	112703	14 120	01.96-	111070	12 1.7
	[DHY (XUD9TE)]	01.96-	112688	14 95	01.96- 05.04	114460	12 1.4
		01.96-	112703	14 120	01.96-	111070	12 1.7
406 2.0 16V	[RFN (EW10J4)]	08.00-	112460	14 150			
		08.00-	112480	14 90			
	[RFR (DEW10J4)]	01.99-	112460	14 150	01.99-	111130	12 1.1
		01.99-	112461	14 150 A47	01.99-	113443	12 1.4
		01.99-	112480	14 90			
	[RFV (XU10J4R)]	01.99- 10.00	114798	14 150 A46			
		11.95-	111318	14 80	11.95-	113443	12 1.4
		11.95- 05.04	113604	14 95	11.95-	111130	12 1.1
AC 11.95-	111318	14 80					
406 2.0 HPI 16V	[RLZ (EW10D)]	10.00-	112480	14 90			
406 2.0 Turbo	[RGX (XU10J2TE)]	04.96-	111318	14 80	04.96-	113443	12 1.4
		04.96- 05.04	113604	14 95	04.96-	111130	12 1.1
406 2.0 HDi	[RHY (DW10TD)]	02.99-	112461	14 150 A47	02.99- 10.04	114460	12 1.4
		02.99-	112480	14 90	02.99-	111070	12 1.7
		AC 02.99-	112460	14 150			
		AC 02.99- 10.04	114798	14 150 A46			
	[RHZ (DW10ATED)]	06.98-	112461	14 150 A47	06.98- 04.04	114460	12 1.4
		06.98- 04.04	114798	14 150 A46	02.99-	111070	12 1.7
406 2.0 HDi FAP	[RHS (DW10ATED4)]	08.01-	112461	14 150 A47	08.01- 05.04	111070	12 1.7
		08.01- 10.04	114798	14 150 A46	08.01- 10.04	113926	12 1.9
	[RHZ (DW10ATED4)]				08.01- 10.04	113926	12 1.9
406 2.1 TD 12V	[P8C (XUD11BTE)]	01.96-	112688	14 95	01.96-	111070	12 1.7
		01.96-	112703	14 120	01.96- 10.04	114460	12 1.4
		01.96-	113485	14 80			
406 2.2	[3FZ (EW12J4)]	07.00- 05.04	112460	14 150			
		07.00- 05.04	112480	14 90			
406 2.2 HDi	[4HX (DW12TED4)]	03.00-	112460	14 150	03.00-	111070	12 1.7
		03.00-	112461	14 150 A47	03.00- 12.04	113926	12 1.9
		03.00- 12.04	114798	14 150 A46	03.00- 12.04	114460	12 1.4
		AC 03.00-	112461	14 150 A47			
		AC 03.00- 10.04	114798	14 150 A46			
406 3.0 V6	[XFX (ES9J4S)]				AT 03.00- 10.04	115354	12 1.3
					03.00-	115354	12 1.3
407 1.6 HDi FAP	[9HY (DV6TED4)]	05.04-	113640	14 150	05.04-	113254	12 1.1
					05.04-	113933	12 1.5
					05.04-	114030	12 2.2
407 1.8	[6FZ (EW7J4)]	05.04-	112469	14 90			
407 1.8 16V	[6FY (EW7A)]	09.05-	115371*	14 120	09.05-	114460	12 1.4
407 2.0	[RFN (EW10J4)]	05.04-	113755	14 150	05.04-	111070	12 1.7
407 2.0 16V	[RFJ (EW10A)]	09.05-	115371*	14 120	09.05-	111070	12 1.7
					09.05-	114460	12 1.4
407 2.0 Bioflex	[RFJ (EW10A)]				09.07-	111070	12 1.7
					09.07-	114460	12 1.4
407 2.0 HDi	[RHE (DW10CTED4)]				02.10-	114854	12 2.5
					06.09-	114854	12 2.5
					10.05-	113926	12 1.9
					08.08-	114030	12 2.2
					10.05-	114460	12 1.4
			08.08-	114854	12 2.5		



407 2.0 HDI FAP	[RHR (DW10BTED4)]	05.04-	113640	14	150	05.04- 05.04- 05.04- 05.04-	111070 113926 114460 114854	12	1.7 1.9 1.4 2.5
407 2.2	[3FZ (EW12J4)]	05.04-	112469	14	90				
407 2.2 16V	[3FY (EW12J4)]	09.05-	115371*	14	120	09.05- 09.05-	111070 114460	12	1.7 1.4
407 2.2 HDI	[4HP (DW12BTED4)]					06.08-	114854	12	2.5
407 2.2 HDI FAP	[4HT (DW12BTED4)]					05.06-	114854	12	2.5
407 2.7 HDI	[DT17TED4]					10.05-	115328	12	2.2
	[UHZ (DT17TED4)]					10.05-	115328	12	2.2
407 3.0	[XFV (ES9A)]					05.04-	115354	12	1.3
407 3.0 V6	[XFV (ES9A)]					10.05-	115354	12	1.3
407 3.0 HDI	[X8Z (DT20C)]					06.09-	115328	12	2.2
504 1.6	[XC7P]					10.71- 12.77 01.80- 06.87	110793 110666	12	0.9 1.05
504 1.8	[XM]	07.68- 02.71	110745#	14	40	07.68- 02.71 07.68- 12.77	110666 110793	12	1.05 0.9
	[XM7]	01.71- 06.83	110745#	14	40	12.77- 12.89 01.71- 12.77	110666 110793	12	1.05 0.9
504 1.8 i	[KF5]	07.68- 02.71	110745#	14	40	07.68- 02.71	110666	12	1.05
	[KF6]	07.68- 02.71	110745#	14	40	07.68- 02.71	110666	12	1.05
504 1.9 Diesel	[XD4X88]	03.73- 07.86	110745#	14	40				
504 2.0	[106 (XN1)]	03.71- 06.86	110745#	14	40	12.77- 06.86 03.71- 12.77	110666 110793	12	1.05 0.9
	[107 (XN2)]					01.71- 08.84	110666	12	1.05
	[XN1]	04.71- 07.86	110745#	14	40	12.77- 07.86 04.71- 12.77	110666 110793	12	1.05 0.9
	[XN2]					10.74- 12.77 12.77- 08.82	110793 110666	12	0.9 1.05
504 2.0 Ti	[107 (XN2)]	01.71- 06.83	110745#	14	40	12.77- 06.83 01.71- 12.77	110666 110793	12	1.05 0.9
504 2.1 Diesel	[XD4X90]	02.71- 07.86 02.71- 07.86	110745# 111156#	14 14	40 70	07.81- 07.86	111125	12	2.2
504 2.3 Diesel	[134 (XD2)]	07.75- 07.86 07.75- 07.86	110745# 111156#	14 14	40 70	07.81- 07.86	111125	12	2.2
504 2.7	[140 (ZMJ)]					10.77- 08.84 10.77- 08.84	110793 110666	12	0.9 1.05
505 1.8	[105 (XM7)]	01.82- 10.85	110769#	14	70	01.82- 10.85 01.82- 10.85	110666 110793	12	1.05 0.9
	[XM7A]	09.85- 10.86	110769#	14	70	09.85- 10.86 09.85- 10.86	110666 110793	12	1.05 0.9
505 2.0	[106 (XN1)]	11.80- 12.85	110769#	14	70	11.80- 12.85 11.80- 12.85	110666 110793	12	1.05 0.9
	[106E (XN1A)]	09.85- 11.87	110769#	14	70	09.85- 11.87	110666	12	1.05
	[829 (ZEJ)]	08.79- 10.86	110769#	14	70	08.79- 10.86	110666	12	1.2
	[XN1]	04.82- 11.87 08.79- 10.86	110769# 110769#	14 14	70 70	04.82- 11.87 09.79- 10.86	110666 110663	12	1.05 1.2
505 2.2	[851 (ZDJ)]	05.81- 10.84	110769#	14	70	05.81- 10.84	110663	12	1.2
	[851X (ZDJL)]	01.86- 12.93	110769#	14	70	01.86- 12.93	110663	12	1.2
505 2.2 GTI	[851B (ZDJL)]	08.83- 12.93	111156#	14	70	08.83- 12.93	110663	12	1.2
505 2.2 i Turbo	[176W (N9TEA)]	03.84- 12.88	110769#	14	70				
505 2.3 TD	[147 (XD2S)]	09.80- 06.86	111156#	14	70	09.80- 06.86	111125	12	2.2
505 2.5	[152B (XD3TE)]	10.86- 12.93	111156#	14	70	10.86- 12.93	111125	12	2.2
505 2.5 Diesel	[155 (XD3)]	06.81- 12.93	111156#	14	70	06.81- 12.93	111125	12	2.2
505 2.5 TD	[152A (XD3T)]	10.83- 12.93	111156#	14	70	10.83- 12.93	111125	12	2.2
	[152B (XD3TE)]	10.86- 12.93 10.83- 12.93	111156# 111156#	14 14	70 70	10.86- 12.93	111125	12	2.2
508 1.6 HDI	[9HD (DV6CTED)]					02.12- 02.12- 02.12-	113933 114030 111130	12	1.5 2.2 1.1
508 2.0 HDI	[RHF (DW10BTED4)]					11.10-	114460	12	1.4
	[RHH (DW10CTED4)]					11.10-	114460	12	1.4
508 2.0 HDI AWC	[RHH (DW10CTED4)]					11.10- 11.10- 11.10-	113926 114460 114854	12	1.9 1.4 2.5
508 2.0 HDI Hybrid4						11.10- 11.10-	111070 113926	12	1.7 1.9
508 2.2 HDI	[DW12C]					11.10-	114854	12	2.5
604 2.3 TD	[147 (XD2S)]	09.79- 06.83	111156#	14	70				
604 2.5 TD	[152A (XD3T)]	07.83- 12.86	111156#	14	70	07.81- 12.86	111125	12	2.2
604 2.7	[112 (ZM)]	08.77- 05.83	111071	14	75				
	[140 (ZMJ)]	08.77- 05.83	111071	14	75				
604 2.8 GTI	[154A (ZMJK)]	09.83- 07.87	111071	14	75				
605 2.0	[R5A (XU102C)]					10.89- 05.99 10.89- 05.99	111130 113443	12	1.1 1.4
	[RDZ (XU10MZ)]					02.90- 06.92-	111130 113443	12	1.1 1.4
	[RFZ (XU10J2Z)]					06.89- 06.95 06.89- 06.95	111130 113443	12	1.1 1.4
605 2.0 16V	[RFV (XU10J4R)]	07.94- 06.95 07.94- 09.99 06.95-	112772 113604 111318	14 14 14	120 95 80	06.95- 06.95-	111130 113443	12	1.1 1.4
605 2.0 Turbo	[RGX (XU10J2TE)]	07.91- 09.99 07.95- 05.99	113604 111318	14 14	95 80	07.94- 05.99 07.94- 05.99	111130 113443	12	1.1 1.4
	[RGY (XU10J2TE)]					07.92- 06.95 07.92- 06.95	111130 113443	12	1.1 1.4
605 2.1 Diesel	[P9A (XUD11A)]					05.89- 07.95 06.89- 07.95	111070 114460	12	1.7 1.4

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

PEUGEOT *Continued*

605 2.1 TD	[PHZ (XUD11ATE)]	06.95- 10.96	112688	14 95	06.89- 10.96	111070	12 1.7
		06.95- 10.96	112703	14 120			
605 2.1 TD 12V	[P8C (XUD11BTE)]	07.95-	112688	14 95	08.94- 09.99	114460	12 1.4
		07.95-	112703	14 120	08.94-	111070	12 1.7
605 2.5 TD	[THY (DK5ATE)]				07.94-	112053	12 2.2
					07.94-	113443	12 1.4
605 3.0	[UFZ (ZPJ)]				07.93- 05.99	111129#	12 1.4
605 3.0 i 24V	[UKZ (ZPJ4/Z)]				07.93- 05.99	111129#	12 1.4
607 2.0	[RFN (EW10J4)]	02.00-	112469	14 90			
		02.00-	113575	14 80			
607 2.0 HDi	[RHR (DW10BTEd4)]				09.05-	113926	12 1.9
	[RHS (DW10ATED)]	03.01- 07.04	113640	14 150	03.01- 07.04	111070	12 1.7
	[RHZ (DW10ATED)]	05.00-	112460	14 150	03.01- 07.04	113841	12 1.7
607 2.2 16V	[3FY (EW12J4)]	05.00-	112460	14 150	05.00-	111070	12 1.7
		05.00-	112461	14 150 A47			
		05.00-	114798	14 150 A46			
		09.05-	113755	14 150	09.05-	114460	12 1.4
607 2.2 HDi	[4HX (DW12TED4/FAP)]	02.00-	112480	14 90			
		02.00- 11.04	113503	14 120			
		AT 02.00-	112480	14 90			
		02.00-	112460	14 150	02.00-	111070	12 1.7
607 2.2 HDi FAP	[4HT (DW12BTEd4)]	02.00-	112461	14 150 A47	02.00-	114460	12 1.4
		02.00-	112461	14 150 A47			
		02.00-	113640	14 150			
		02.00-	114798	14 150 A46			
607 2.7 HDi 24V	[DT17TED4]				05.06-	114854	12 2.5
607 3.0 V6 24V	[XFV (ES9A)]				12.04-	115328	12 2.2
	[XFX (ES9J4S)]				03.04-	115354	12 1.3
806 1.8	[LFW (XU7JP)]	02.00-	115354	12 1.3			
		02.00-	115354	12 1.3			
806 1.8	[LFW (XU7JP)]	07.95-	112298	14 80	07.95-	111130	12 1.1
		07.95-	112299	14 95	07.95-	113443	12 1.4
		07.95- 08.02	112772	14 120			
806 1.9 TD	[DHX (XUD9TE)]	07.95-	112298	14 80	07.95-	111130	12 1.1
		07.95-	112299	14 95	07.95-	113443	12 1.4
		07.95- 08.02	112772	14 120			
		08.94-	111893	14 70	07.95- 08.02	114460	12 1.4
	[DHY (XUD9TE)]	08.94-	112688	14 95	08.94-	111070	12 1.7
		08.94-	112703	14 120			
806 2.0	[RFU (XU10J2)]	08.94-	113485	14 80			
		03.94-	111893	14 70	05.97- 08.02	114460	12 1.4
		03.94-	112688	14 95	03.94-	111070	12 1.7
		03.94-	112703	14 120			
		03.94-	112703	14 120			
		03.94-	113485	14 80			
806 2.0	[RFU (XU10J2)]	06.94-	112298	14 80	06.94-	111130	12 1.1
		06.94-	112299	14 95	06.94-	113443	12 1.4
		06.94-	112772	14 120			
806 2.0 16V	[RFN (EW10J4)]	09.00-	112480	14 90			
		09.00-	113503	14 120			
		05.98-	111318	14 80	05.98-	111130	12 1.1
806 2.0 Turbo	[RGX (XU10J2TE)]	05.98- 09.00	113604	14 95	05.98-	113443	12 1.4
		06.94- 03.97	112298	14 80	06.94-	113443	12 1.4
		06.94- 03.97	112299	14 95	06.94-	111130	12 1.1
		06.94- 08.02	113604	14 95	06.94-	111070	12 1.7
		Eng. 7390- 04.97-	111318	14 80			
		Eng. -7389 06.94- 03.97	112298	14 80			
806 2.0 HDi	[RHZ (DW10ATED)]	Eng. -7389 06.94- 03.97	112299	14 95			
		Eng. -7389 06.94- 03.97	112772	14 120			
		08.99-	112460	14 150	08.99-	111070	12 1.7
		08.99- 08.02	112461	14 150 A47	08.99- 08.02	114460	12 1.4
		08.99-	112480	14 90			
		08.99- 08.02	113503	14 120			
806 2.0 HDi 16V	[RHW (DW10ATED4)]	08.99- 08.02	114798	14 150 A46			
		08.99- 08.02	112460	14 150	08.99- 08.02	111070	12 1.7
		08.99- 08.02	112461	14 150 A47	08.99- 08.02	114460	12 1.4
		08.99- 08.02	112480	14 90			
		08.99- 08.02	113503	14 120			
		08.99- 08.02	114798	14 150 A46			
806 2.1 TD	[P8C (XUD11BTE)]	06.96-	111893	14 70	06.96-	111070	12 1.7
		06.96-	112688	14 95	06.96- 08.99	114460	12 1.4
		06.96-	112703	14 120			
		06.96-	113485	14 80			
807 2.0	[RFN (EW10J4)]	06.02-	112469	14 90			
807 2.0 16V	[RFJ (EW10A)]	09.05-	115371*	14 120	09.05-	114460	12 1.4
807 2.0 HDi	[DW10UTED4]				11.06-	113926	12 1.9
					11.06-	114460	12 1.4
					06.02-	114460	12 1.4
					06.02-	111070	12 1.7
		06.02-	114798	14 150 A46	06.02-	114460	12 1.4
		06.06-	113640	14 150	06.06-	113926	12 1.9
					06.02-	114460	12 1.4
807 2.2	[3FZ]	06.02-	112469	14 90	06.02- 05.06	114460	12 1.4
807 2.2 HDi	[4HT (DW12BTEd4)]				06.06-	114854	12 2.5
807 2.2 HDi FAP	[4HX (DW12TED4)]	06.02-	112461	14 150 A47	06.02-	111070	12 1.7
		06.02-	114798	14 150 A46	06.02-	114460	12 1.4
1007 1.4	[KFV (TU3JP)]	04.05-	113405	14 70	04.05-	111994	12 0.7
					04.05-	110584	12 1.2
1007 1.4 16V	[KFU (ET3J4)]				10.05-	110584	12 1.2
1007 1.4 HDi	[8HX (DV4TD)]				04.05-	113254	12 1.1
					04.05-	113933	12 1.5
		04.05-	113755	14 150	04.05-	113254	12 1.1
					04.05-	113933	12 1.5

**STARTERS & ALTERNATORS**

O.E.M. names and numbers are used for reference purposes only.



1007 1.6	[NFU (TU5JP4)]	04.05-	113405	14 70	04.05-	110584	12 1.2
1007 1.6 HDi	[9HZ (DV6TED4)]	06.07-	113640	14 150	06.07-	114030	12 2.2
2008 1.2 VTi					03.13-	113960	12 0.9
2008 1.4 HDi	[8HR (DV4TD)]				06.13-	113254	12 1.1
					06.13-	113933	12 1.5
2008 1.6 VTi	[5FS (EP6C)]	03.13-	114752*	14 80	03.13-	113960	12 0.9
2008 1.6 HDi	[9HD (DV6CTED)]				03.13-	113933	12 1.5
	[9HP (DV6DTED)]				03.13-	114030	12 2.2
					03.13-	113254	12 1.1
					03.13-	114030	12 2.2
3008 1.6 THP	[5FV (EP6DT)]				06.09-	113960	12 0.9
3008 1.6 i	[EP6CDT]				05.09-	113960	12 0.9
3008 1.6 i THP 150	[5FX (EP6DT)]				06.09-	113960	12 0.9
3008 1.6 VTi	[5FW (EP6)]				06.09-	113960	12 0.9
3008 1.6 HDi	[9HD (DV6CTED)]				03.13-	113933	12 1.5
	[9HR (DV6C)]				03.13-	114030	12 2.2
					08.10-	113933	12 1.5
					08.10-	114030	12 2.2
	[9HZ (DV6ATED4)]				06.09-	113933	12 1.5
					06.09-	114030	12 2.2
3008 2.0 Diesel Hybrid4	[RHH (DW10CTED4)]				02.11-	113926	12 1.9
3008 2.0 HDi	[RHE (DW10CTED4)]				06.09-	114854	12 2.5
	[RHH (DW10CTED4)]				06.09-	114854	12 2.5
					09.11-	113926	12 1.9
4007 2.2 HDi	[DW12MTED4]				02.07-	114460	12 1.4
					02.07-	114854	12 2.5
5008 1.6 16V	[5FV (EP6DT)]				09.09-	113960	12 0.9
5008 1.6 HDi	[9HD (DV6CTED)]				03.13-	113933	12 1.5
	[9HZ (DV6TED4)]				03.13-	114030	12 2.2
					09.09-	113933	12 1.5
					09.09-	114030	12 2.2
	[9HZP (DV6TED4)]				09.09-	113933	12 1.5
					09.09-	114030	12 2.2
5008 2.0 HDi	[RHE (DW10CTED4)]				06.09-	114854	12 2.5
	[RHH (DW10CTED4)]				09.09-	114854	12 2.5
					02.12-	113926	12 1.9
206+ 1.4	[KFT (TU3A)]	09.10-	113405	14 70	09.10-	110584	12 1.2
207 CC 1.6 16V Turbo	[EP6CDT]				10.09-	113960	12 0.9
207 SW 1.6 16V	[5FY (EP6DTS)]				02.07-	113960	12 0.9
207 SW 1.6 HDi	[9HL (DV6C)]				08.09-	113933	12 1.5
	[9HP (DV6DTED)]				08.09-	114030	12 2.2
					11.09-	113933	12 1.5
					11.09-	114030	12 2.2
270 CC 1.6 HDi	[9HL (DV6C)]				08.09-	113933	12 1.5
					08.09-	114030	12 2.2
307 SW 1.4 HDi 70	[8HZ (DV4TD)]	03.02- 01.05	113755	14 150	03.02- 01.05	113254	12 1.1
308 CC 1.6 THP	[EP6CDTX]				10.10-	113960	12 0.9
308 CC 1.6 16V	[5FS (EP6C)]				06.09-	113960	12 0.9
	[5FT (EP6DT)]				06.09-	113960	12 0.9
	[5FV (EP6CDT)]				06.09-	113960	12 0.9
308 CC 1.6 HDi	[9HL (DV6C)]				06.09-	114030	12 2.2
	[9HR (DV6C)]				06.09-	114030	12 2.2
					03.13-	113933	12 1.5
					03.13-	114030	12 2.2
308 CC 2.0 HDi	[RHH(DW10CTED4)]				06.09-	114854	12 2.5
	[RHR (DW10BTED4)]				04.09-	114854	12 2.5
308 SW 1.4 16V	[8FS (EP3)]				12.09-	113960	12 0.9
308 SW 1.6 16V	[5FT (EP6DT)]				09.07-	113960	12 0.9
	[5FV (EP6CDT)]				10.09-	113960	12 0.9
308 SW 1.6 Bioflex	[NFU (TU5JP4)]				03.09-	110584	12 1.2
308 SW 1.6 HDi	[9HR (DV6C)]				12.09-	113933	12 1.5
					12.09-	114030	12 2.2
					09.13-	113254	12 1.1
					09.13-	113933	12 1.5
					09.13-	114030	12 2.2
308 SW 2.0 HDi	[RHE (DW10CTED4)]				04.11-	113926	12 1.9
	[RHF (DW10BTED4)]				09.07-	114854	12 2.5
	[RHH(DW10CTED4)]				06.09-	114854	12 2.5
	[RHR (DW10BTED4)]				09.07-	114854	12 2.5
380 SW 1.6 HDi	[9HP (DV6DTED)]				11.09-	113254	12 1.1
407 SW 2.0 HDi	[RHE (DW10CTED4)]				02.10-	114854	12 2.5
	[RHH (DW10CTED4)]				07.09-	114854	12 2.5
407 SW 2.2 HDi	[4HP(DW12BTED4)]				06.08-	114854	12 2.5
508 SW 1.6 HDi	[9HD (DV6CTED)]				02.12-	111130	12 1.1
					02.12-	113933	12 1.5
					02.12-	114030	12 2.2
508 SW 2.0 HDi	[RHF (DW10BTED4)]				11.10-	114460	12 1.4
	[RHH(DW10CTED4)]				11.10-	114460	12 1.4
508 SW 2.0 HDi Hybrid	[RHC (DW10CTED4)]				12.11-	111070	12 1.7
					12.11-	113926	12 1.9
508 SW 2.2 HDi	[DW12C]				11.10-	114854	12 2.5
Biipper 1.4 HDi	[8HS (DV4TED)]				02.08-	113254	12 1.1
					02.08-	113933	12 1.5
Boxer 1.9 Diesel	[D8C (XUD9AU)]	03.94- 04.02	112230	14 80	03.94- 04.02	111070	12 1.7
	[DJY (XUD9A)]	07.98- 02.02	112230	14 80	03.94- 04.02	114460	12 1.4
					07.98- 02.02	111070	12 1.7
Boxer 1.9 DT 4x4	[XUD9TE]				03.96- 09.98	114460	12 1.4
Boxer 1.9 TD	[D8C (XUD9UTF)]	03.94- 04.02	112230	14 80	03.94- 04.02	111070	12 1.7
					03.94- 04.02	114460	12 1.4

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

PEUGEOT Continued

	[DHX (XUD9TE)]	02.94- 02.02	112230	14 80		02.94- 12.98	111070	12 1.7
	[DHY (XUD9TE)]	08.94- 04.02	112230	14 80		07.99- 04.02	114460	12 1.4
Boxer 1.9 TD 4x4	[D8C (XUD9UTF)]	07.96-	112230	14 80		08.94- 04.02	111070	12 1.7
						08.94- 04.02	114460	12 1.4
Boxer 2.0	[RFL (XU10J2U)]	04.02-	112298	14 80		07.96-	111070	12 1.7
						07.96- 04.02	114460	12 1.4
Boxer 2.0 i	[RFX (XU10J2U)]	03.94-	112298	14 80		04.02-	111130	12 1.1
		03.94-	112299	14 95		04.02-	113443	12 1.4
		03.94-	112772	14 120				
		AC 03.94-	112299	14 95				
Boxer 2.0 i 4x4	[RFW (XU10J2U)]	08.96-	112298	14 80		02.94- 04.02	113443	12 1.4
		08.96-	112772	14 120		02.94- 04.02	111130	12 1.1
		AC 08.96-	112299	14 95				
Boxer 2.0 HDi	[RHV (DW10TD)]	08.01- 04.02	112461	14 150 A47		08.01- 04.02	111070	12 1.7
		08.01- 04.02	112480	14 90		08.01- 04.02	114460	12 1.4
		08.01- 04.02	114798	14 150 A46				
	[RHV (DW10UTD)]	04.02-	112460	14 150		04.02-	111070	12 1.7
		04.02-	112461	14 150 A47				
		04.02-	112480	14 90				
		04.02-	113946	14 90				
		04.02-	114798	14 150 A46				
		AC 04.02-	112460	14 150				
		AC 04.02-	112480	14 90				
		AC 04.02-	113640	14 150				
Boxer 2.2 HDi	[22DT]	04.06-	113958	14 150		04.06-	113959	12 2.0
		04.06-	115499	14 150 A49		04.06-	115510	12 2.0 A49
	[4HU (P22DTE)]	04.06-	113958	14 150		04.06-	113959	12 2.0
		04.06-	115499	14 150 A49		04.06-	115510	12 2.0 A49
	[4HV (P22DTE)]	04.06-	113958	14 150		04.06-	113959	12 2.0
		04.06-	115499	14 150 A49		04.06-	115510	12 2.0 A49
	[4HY (DW12UTED)]	04.02-	112460	14 150		04.02-	111070	12 1.7
		04.02-	112480	14 90				
		04.02-	113946	14 90				
		AC 04.02-	112460	14 150				
		AC 04.02-	112480	14 90				
		AC 04.02-	113640	14 150				
Boxer 2.4 TDi	[THX (DJ5TED)]	10.96- 04.02	112772	14 120		01.97-	112053	12 2.2
		01.97-	112230	14 80				
		01.97-	112298	14 80				
		01.97-	112299	14 95				
Boxer 2.4 TDi 4x4	[THX (DJ5TED)]	01.97-	112298	14 80		01.97-	112053	12 2.2
		01.97-	112299	14 95				
		01.97-	112772	14 120				
Boxer 2.5 i	[RFX (XU10J2U)]	06.94-	112298	14 80		06.94-	113443	12 1.4
		06.94-	112299	14 95		06.94-	111130	12 1.1
		06.94-	112772	14 120				
		AC 06.94-	112299	14 95				
Boxer 2.5 Diesel	[T9A (DJ5)]	03.94- 04.02	112298	14 80		03.94- 04.02	112053	12 2.2
		03.94- 04.02	112299	14 95		02.94-	111070	12 1.7
		03.94- 04.02	112772	14 120				
Boxer 2.5 Diesel 4x4	[T9A (DJ5)]	02.94- 02.02	112772	14 120		02.94- 02.02	112053	12 2.2
		07.96-	112298	14 80				
		07.96-	112299	14 95				
Boxer 2.5 TD	[T8A (DJ5T)]	03.94- 04.02	112298	14 80		03.94- 04.02	112053	12 2.2
		03.94- 04.02	112299	14 95		02.94-	111070	12 1.7
		03.94- 04.02	112772	14 120				
Boxer 2.5 TD 4x4	[T8A (DJ5T)]	07.96-	112298	14 80		07.96-	112053	12 2.2
		07.96-	112299	14 95				
		07.96-	112772	14 120				
Boxer 2.5 TDi	[THX (DJ5TED)]	01.97-	112298	14 80		01.97-	112053	12 2.2
		01.97-	112299	14 95				
		01.97-	112772	14 120				
Boxer 2.5 TDi 4x4	[THX (DJ5TED)]	10.96- 02.02	112772	14 120		10.96- 04.02	112053	12 2.2
Boxer 2.8 Diesel	[8140.63 (F28D)]					01.99- 02.02	113451	12 2.2
Boxer 2.8 HDi	[8140.43N]	04.04-	113247	14 120		04.04-	112436	12 2.3
		04.04-	113950	14 90		04.04-	113935	12 2.5
		04.04-	114680	14 150		04.04-	115501	12 2.5 A49
	[8140.43S]	11.00-	113247	14 120		11.00-	112026	12 2.6
		11.00- 04.02	113950	14 90	Chas. -17600143	11.00-	112436	12 2.3
		11.00- 04.02	114680	14 150	Chas. 17600144-	11.00- 04.02	113935	12 2.5
						11.00- 04.02	115501	12 2.5 A49
	[8140.43S (F28DTCR)]	10.00- 11.01	113247	14 120		10.00- 11.01	112436	12 2.3
		10.00- 11.01	113950	14 90		10.00- 11.01	113935	12 2.5
		10.00- 11.01	114680	14 150		10.00- 11.01	115501	12 2.5 A49
Boxer 2.8 HDi 4x4	[8140.43S]	10.00- 04.02	114680	14 150		04.02-	115501	12 2.5 A49
		04.02-	113247	14 120		04.02-	112026	12 2.6
		04.02-	113950	14 90	Chas. -17600143	04.02-	112436	12 2.3
					Chas. 17600144-	04.02-	113935	12 2.5
Boxer 2.8	[8040.63]					01.99-	113451	12 2.2
Boxer 3.0 HDi	[F30DTE5]	04.10-	114705	14 140		04.10-	114054	12 2.5
		04.10-	115490	14 140 A49		04.10-	115516	12 2.5 A49
		03.11-	114705	14 140		03.11-	114054	12 2.5
		03.11-	115490	14 140 A49		03.11-	115516	12 2.5 A49
Expert 1.6 HDi	[9HU (DV6UTED4)]	01.07-	113640	14 150		01.07-	113254	12 1.1
Expert 1.6 HDi Tepee	[9HU (DV6UTED4)]	01.07-	113640	14 150		01.07-	113254	12 1.1



Expert 1.8	[LFZ (XU7JP)]	10.96- 09.00	112298	14 80	10.96- 09.00	111130	12 1.1
		10.96- 09.00	112299	14 95			
		10.96- 09.00	112772	14 120			
Expert 1.9 Diesel	[D9B (XUD9AU)]	02.96-	111893	14 70	02.96-	114460	12 1.4
		02.96-	112688	14 95	02.96-	111070	12 1.7
		02.96-	112703	14 120			
		02.96-	113485	14 80			
	[DW8]	06.98-	112058	14 70	06.98-	111070	12 1.7
		06.98-	112480	14 90	06.98-	114460	12 1.4
	[WJY (DW8B)]	09.01-	113603	14 80	12.98-	111070	12 1.7
		12.98-	112058	14 70	12.98-	114460	12 1.4
		AC 12.98-	112480	14 90			
	[WJZ (DW8)]	AC 12.98-	113503	14 120			
		06.98- 08.01	113603	14 80	12.98-	114460	12 1.4
			12.98-	113640	14 150	12.98-	111070
Expert 1.9 TD	[D8B (XUD9TE)]	02.96-	111893	14 70	02.96-	111070	12 1.7
		02.96-	112688	14 95	02.96-	114460	12 1.4
		02.96-	112703	14 120			
		02.96-	113485	14 80			
	[DHX (XUD9TE)]	02.96-	111411	14 75	02.96-	114460	12 1.4
		02.96-	111893	14 70	02.96-	111070	12 1.7
		02.96-	112688	14 95			
		02.96-	112703	14 120			
		02.96-	113485	14 80			
		02.96-	113537	14 65			
Expert 2.0	[RFN (EW10J4)]	03.00-	112480	14 90			
		03.00-	113503	14 120			
Expert 2.0 HDi	[AHY]				03.11-	111070	12 1.7
					03.11-	113926	12 1.9
					03.11-	111070	12 1.7
	[AHZ]				03.11-	113926	12 1.9
					09.09-	113926	12 1.9
					01.07-	113926	12 1.9
	[RHH (DW10CTED4)]				01.07-	113926	12 1.9
	[RHK (DW10UTED4)]	01.07-	113640	14 150	01.07-	113926	12 1.9
	[RHR (DW10BTED4)]	01.07-	113640	14 150	01.07-	113926	12 1.9
	[RHW (DW10ATED4)]	07.00-	112480	14 90	07.00-	111070	12 1.7
		07.00-	113503	14 120	07.00-	114460	12 1.4
		Chas. 09520- 07.00-	113640	14 150			
		Chas. -09519 07.00-	112460	14 150			
		Chas. -09519 07.00-	112461	14 150 A47			
		Chas. -09519 07.00-	114798	14 150 A46			
	[RHX (DW10BTED)]	07.00-	112461	14 150 A47	07.00-	114460	12 1.4
		07.00-	113640	14 150	07.00-	111070	12 1.7
		07.00-	114798	14 150 A46			
		AC 10.99- 12.02	112460	14 150			
[RHZ (DW10ATED)]	07.00-	112461	14 150 A47	07.00-	114460	12 1.4	
	07.00-	113640	14 150	07.00-	111070	12 1.7	
	07.00-	114798	14 150 A46				
	AC 07.00- 12.02	112460	14 150				
				03.11-	111070	12 1.7	
				03.11-	113926	12 1.9	
Expert 2.0 HDi 120 4x4	[RHK (DW10UTED4)]	01.07-	113640	14 150	01.07-	113926	12 1.9
Expert 2.0 HDi Tepee	[RHH (DW10CTED4)]				09.09-	113926	12 1.9
	[RHK (DW10UTED4)]	01.07-	113640	14 150	01.07-	113926	12 1.9
	[RHR (DW10BTED4)]	01.07-	113640	14 150	01.07-	113926	12 1.9
J5 1.8	[169B (XM7T)]	01.83- 11.88	110769#	14 70	01.83- 11.88	111066	12 1.05
					01.83- 11.88	110793	12 0.9
J5 1.9 Diesel	[D9B (XUD9A)]	11.87-	111076	14 50	11.87-	111070	12 1.7
J5 2.0	[170 (XN1T)]	01.83- 09.90	110769#	14 70	01.83- 09.90	111066	12 1.05
					01.83- 09.90	110793	12 0.9
	[170B (XN1T)]	09.81- 09.90	110769#	14 70	09.81- 09.90	111066	12 1.05
					09.81- 09.90	110793	12 0.9
	[170D (XN1TACP)]	10.90-	110769#	14 70	10.90-	111066	12 1.05
					10.90-	110793	12 0.9
J5 2.5 Diesel	[CRD93]	09.81- 12.93	111071	14 75	09.81- 12.93	111115	12 2.2
J5 2.5 Diesel 4x4	[CDR93]	10.90-	111071	14 75	10.90-	111115	12 2.2
	[CRD93]	10.90-	111071	14 75	10.90-	111115	12 2.2
J5 2.5 TD	[CRD93LS]				10.90-	111115	12 2.2
J5 2.5 TD 4x4	[CRD93LS]				10.90-	111115	12 2.2
J7 1.6	[XC7P]				08.68- 03.80	110793	12 0.9
J9 1.6	[XC7P]	10.80- 06.87	110769#	14 70			
		10.80- 06.87	111156#	14 70			
J9 2.0	[XN1P]	10.80- 06.87	110769#	14 70			
		10.80- 06.87	111156#	14 70			
J9 2.1 Diesel	[XDPX90]	10.80- 06.87	111156#	14 70			
J9 2.3 Diesel	[XD2PX94]	03.80- 07.82	111156#	14 70			
J9 2.5 Diesel	[XD3P]	07.82- 06.87	111156#	14 70			
Partner 1.1	[HDZ (TU1M)]	06.96-	110619	14 70	06.96-	110584	12 1.2
		06.96-	111723	14 70			
		06.96-	112782	14 80			
	[HFX (TU1JP)]	06.96-	110619	14 70	06.96-	110584	12 1.2
Partner 1.4	[KFW (TU3JP)]	06.96-	110619	14 70	06.96-	110584	12 1.2
	[KFX (TU3JP)]	06.96-	110619	14 70	06.96-	110584	12 1.2
		06.96-	111723	14 70			
		06.96-	112782	14 80			
Partner 1.4 BiFuel	[KFW (TU3JP)]	09.02-	112469	14 90	09.02-	110584	12 1.2
Partner 1.6	[5FK (EP6C) DTR]				11.10-	113960	12 0.9
	[5FS (EP6C)]				04.10-	113960	12 0.9
Partner 1.6 Tepee	[5FK (EP6C) DTR]				08.10-	113960	12 0.9





505 2.2 GL		01.87- 01.87	110769#	14	70		01.87- 01.87	111063	12	1.2
505 2.2 GLS		01.87- 01.88	110769#	14	70		01.87- 01.88	111063	12	1.2
505 2.2 S		01.89- 01.89	110769#	14	70		01.89- 01.89	111063	12	1.2
505 2.2 STI		01.87- 01.88	110769#	14	70		01.87- 01.88	111063	12	1.2
505 2.2 SW8		01.89- 01.91	110769#	14	70		01.89- 01.91	111063	12	1.2
505 2.3		01.80- 01.83	111156#	14	70					
505 2.3 Turbo		01.81- 01.85	111156#	14	70					
505 2.3 Turbo GL		01.84- 01.85	111156#	14	70					
505 2.3 Turbo S		01.85- 01.85	111156#	14	70					
505 2.5 D	[XD3T]	01.88-	111156#	14	70					
505 2.5 Turbo		01.85- 01.87	111156#	14	70					
505 2.5 Turbo GLS		01.87-	111156#	14	70					
505 2.5 Turbo S		01.86-	111156#	14	70					
604 2.3 Turbo		01.82- 01.84	111156#	14	70		07.81- 12.86	111125	12	2.2
Partner 1.8							05.97-	113443	12	1.4
<b>PASSENGER CARS AO</b>										
205 1.9 Diesel	[XUD9]						07.90-	110587	12	1.2
206 1.1		Only K6C / K6D 06.98-	113603	14	80					
309 1.1	[H1B (TU1)]	09.89- 10.93	112754	14	70					
405 1.8 Diesel 4x4	[A8A (XUD7TE)]						06.88- 12.92	111070	12	1.7
406 1.8		10.97- 03.99	113604	14	95					
Boxer 2.0	[RFL (XU10J2U)]						04.02-	113443	12	1.4
Expert 2.0 HDI Comfort		11.03-	113640	14	150					
Partner 1.6	[NFU (TU5JP4)]						09.00-	110584	12	1.2
							09.00-	111994	12	0.7
<b>Plaggio</b>										
<b>PASSENGER CARS EU</b>										
APE 0.4	[GL400]						06.00-	112171	12	1.1
Ape Car D 0.5							10.86- 12.96	114741	12	1.6
Ape Car TMD 0.5							10.86- 12.96	114741	12	1.6
Ape Poker Quadrificio 0.4							10.86- 12.96	114741	12	1.6
Porter 1.0	[CB41]	12.92- 05.98	111048	14	40		02.94- 05.98	111088	12	0.8
		12.92- 05.98	113921	14	40					
Porter 1.3 i 16V		05.98-	111437	14	50		05.98-	114851*	12	0.8
<b>Plymouth</b>										
<b>PASSENGER CARS EU</b>										
Breeze 2.0 16V	[ECB]	12.95-	113067	14	90		12.95-	111396	12	1.2
Breeze 2.4 16V	[EDZ]	12.95- 04.01	113067	14	90					
Neon 2.0 16V	[ECB]						05.94-	111396	12	1.2
	[ECC]						06.94-	111396	12	1.2
	[ECH]						04.96-	113587#	12	1.1
Voyager 2.0 i	[ECC]						01.95- 03.01	114294	12	1.1
Voyager 2.4 i	[EDZ, EDO]	01.95- 03.01	113067	14	90					
Voyager 3.3 FlexFuel	[EGM]						01.98- 03.01	114135	12	1.2
Voyager 3.3 i	[EGM]						01.95- 03.01	111492	12	1.4
							01.95- 03.01	114135	12	1.2
Voyager 3.8 i	[EGH]						01.95- 03.01	111492	12	1.4
							01.95- 03.01	114135	12	1.2
Voyager 3.8 i 4WD	[EGH]						01.95- 03.01	111492	12	1.4
							01.95- 03.01	114135	12	1.2
<b>PASSENGER CARS US</b>										
Acclaim 2.5		01.92- 01.95	111193	14	90		01.89- 01.95	111425	12	1.4
		01.92- 01.95	113058#	14	120					
		01.89- 01.91	113051	14	120					
		01.89- 01.91	111194#	14	120					
Acclaim 2.5 LE		01.89- 01.91	113051	14	120		01.89- 01.91	111425	12	1.4
Acclaim 2.5 Turbo		01.89- 01.90	113051	14	120		01.89- 01.90	111425	12	1.4
		01.89- 01.90	111194#	14	120					
Acclaim 2.5 Turbo LE		01.89- 01.91	113051	14	120		01.89- 01.91	111425	12	1.4
		01.89- 01.92	111194#	14	120					
Acclaim 2.5		01.93- 01.94	111193	14	90		01.93- 01.94	111425	12	1.4
		01.93- 01.94	113058#	14	120					
Acclaim 3.0		01.91- 01.95	113056#	14	90		01.89- 01.95	111456#	12	1.4
		01.90- 01.90	113055#	14	90					
Acclaim 3.0 LE		01.91- 01.91	113056#	14	90		01.90- 01.91	111456#	12	1.4
		01.90- 01.90	113055#	14	90					
Acclaim 3.0 LX		01.91- 01.91	113056#	14	90		01.89- 01.91	111456#	12	1.4
		01.90- 01.90	113055#	14	90					
Arrow 1.6							01.79- 01.80	110158	12	1.2
							01.76- 01.78	110157	12	1.0
Arrow 1.6 GS							01.79- 01.79	110158	12	1.2
							01.76- 01.78	110157	12	1.0
Arrow 1.6 GT							01.79- 01.79	110158	12	1.2
							01.76- 01.78	110157	12	1.0
Arrow 2.0 GS							01.76- 01.78	110157	12	1.0
							01.76- 01.78	110291#	12	1.2
Arrow 2.0 GT							01.76- 01.78	110157	12	1.0
							01.76- 01.78	110291#	12	1.2
Arrow 2.0 Pickup		01.79- 01.82	110805	14	45		01.79- 01.82	110158	12	1.2
							01.79- 01.80	110291#	12	1.2
Arrow 2.6		01.80- 01.80	110805	14	45		01.80- 01.80	110158	12	1.2
							01.80- 01.80	110291#	12	1.2
Arrow 2.6 GS		01.79- 01.79	110805	14	45		01.79- 01.79	110291#	12	1.2
							01.79- 01.79	110158	12	1.2
Arrow 2.6 GT		01.79- 01.79	110805	14	45		01.79- 01.79	110158	12	1.2
							01.79- 01.79	110291#	12	1.2
Arrow 2.6 Pickup		01.79- 01.82	110805	14	45		01.79- 01.82	110158	12	1.2
							01.79- 01.80	110291#	12	1.2
Barracuda 2.8		01.66- 01.66	110074	14	60		01.66- 01.66	110223	12	1.1

## STARTERS &amp; ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**PLYMOUTH** *Continued*

Barracuda 3.2		01.70- 01.71	110236	14	60	01.70- 01.71	110223	12	1.1
Barracuda 3.7		01.65- 01.69	110074	14	60	01.65- 01.72	110223	12	1.1
		01.70- 01.72	110236	14	60				
Barracuda 3.7 Gran		01.70- 01.70	110236	14	60	01.70- 01.70	110223	12	1.1
Barracuda 4.5		01.64- 01.67	110074	14	60	01.64- 01.67	110223	12	1.1
Barracuda 5.2		01.70- 01.74	110236	14	60	01.68- 01.74	110223	12	1.1
		01.68- 01.69	110074	14	60				
Barracuda 5.2 Gran		01.70- 01.71	110236	14	60	01.70- 01.71	110223	12	1.1
Barracuda 5.6		01.72- 01.73	110236	14	60	01.68- 01.73	110223	12	1.1
		01.68- 01.69	110074	14	60				
Barracuda 5.9		01.74- 01.74	110236	14	60	01.74- 01.74	110223	12	1.1
Barracuda 6.3		01.67- 01.69	110074	14	60	01.68- 01.71	110222	12	1.3
		01.70- 01.71	110236	14	60				
Barracuda 6.3 Gran		01.70- 01.71	110236	14	60	01.70- 01.71	110222	12	1.3
Belvedere 3.7		01.64- 01.69	110074	14	60	01.64- 01.70	110223	12	1.1
		01.70- 01.70	110236	14	60				
Belvedere 3.7 Satellite		01.70- 01.70	110236	14	60	01.68- 01.70	110223	12	1.1
		01.68- 01.69	110074	14	60				
Belvedere 4.5		01.64- 01.68	110074	14	60	01.64- 01.68	110223	12	1.1
Belvedere 4.5 Satellite		01.68- 01.68	110074	14	60	01.68- 01.68	110223	12	1.1
Belvedere 5.2		01.64- 01.69	110074	14	60	01.64- 01.70	110223	12	1.1
		01.70- 01.70	110236	14	60				
Belvedere 5.2 Satellite		01.70- 01.70	110236	14	60	01.68- 01.70	110223	12	1.1
		01.68- 01.69	110074	14	60				
Belvedere 5.9		01.64- 01.65	110074	14	60				
Belvedere 6.3		01.64- 01.69	110074	14	60	01.66- 01.70	110222	12	1.3
		01.70- 01.70	110236	14	60				
Belvedere 6.3 Satellite		01.70- 01.70	110236	14	60	01.68- 01.70	110222	12	1.3
		01.68- 01.69	110074	14	60				
Belvedere 7.0		01.64- 01.67	110074	14	60				
Belvedere 7.2		01.66- 01.67	110074	14	60	01.66- 01.67	110222	12	1.3
Breeze 2.0	[ECB]	01.96- 01.98	113067	14	90	01.98- 01.98	113587#	12	1.1
		01.99- 01.00	113067	14	90	01.99- 01.00	113587#	12	1.1
Breeze 2.4	[EDZ]	01.98- 01.98	113067	14	90				
		01.99- 01.00	113067	14	90				
Caravelle 2.2						01.87- 01.88	111425	12	1.4
		01.83-	110514	14	78				
Caravelle 2.5						01.86- 01.88	111425	12	1.4
Caravelle 2.5 SE						01.86- 01.88	111425	12	1.4
Caravelle 3.7		01.78- 01.83	110236	14	60	01.78- 01.83	110223	12	1.1
Caravelle 3.7 SALON		01.80- 01.81	110236	14	60	01.80- 01.81	110223	12	1.1
Caravelle 3.7 Sport		01.81- 01.81	110236	14	60	01.81- 01.81	110223	12	1.1
Caravelle 5.2		01.78- 01.87	110236	14	60	01.78- 01.87	110223	12	1.1
Caravelle 5.2 SALON		01.80- 01.81	110236	14	60	01.80- 01.81	110223	12	1.1
Caravelle 5.2 Sport		01.81- 01.81	110236	14	60	01.81- 01.81	110223	12	1.1
Caravelle 5.9		01.78- 01.79	110236	14	60	01.78- 01.79	110222	12	1.3
Champ 1.4						01.79- 01.82	110158	12	1.2
Champ 1.4 Custom						01.79- 01.79	110158	12	1.2
Champ 1.6						01.80- 01.81	110158	12	1.2
Champ 1.6 Custom						01.79- 01.82	110158	12	1.2
Colt 1.4						01.83- 01.83	110158	12	1.2
Colt 1.4 Deluxe						01.83- 01.83	110158	12	1.2
Colt 1.4 DL						01.84- 01.84	110158	12	1.2
Colt 1.4 E						01.84- 01.84	110158	12	1.2
Colt 1.5		01.89- 01.94	110659	14	75	01.89- 01.94	110158	12	1.2
						01.91- 01.94	110958	12	0.9
Colt 1.5 100		01.90- 01.90	110659	14	75				
Colt 1.5 100 DL		01.89- 01.91	110659	14	75	01.91- 01.91	110158	12	1.2
						01.91- 01.91	110958	12	0.9
Colt 1.5 100 E		01.89- 01.92	110659	14	75	01.91- 01.92	110158	12	1.2
						01.91- 01.92	110958	12	0.9
Colt 1.5 100 LX		01.89- 01.90	110659	14	75				
Colt 1.5 200 DL		01.89- 01.90	110659	14	75				
Colt 1.5 200 E		01.89- 01.92	110659	14	75	01.92- 01.92	110158	12	1.2
						01.92- 01.92	110958	12	0.9
Colt 1.5 200 GT		01.91- 01.92	110659	14	75	01.91- 01.92	110158	12	1.2
						01.91- 01.92	110958	12	0.9
Colt 1.5 200 LX		01.89- 01.89	110659	14	75				
Colt 1.5 DL		01.88- 01.90	110659	14	75	01.85- 01.90	110158	12	1.2
						01.85- 01.85	110315	12	0.9
Colt 1.5 E		01.89- 01.89	110659	14	75	01.85- 01.89	110158	12	1.2
						01.85- 01.85	110315	12	0.9
Colt 1.5 GL		01.90- 01.94	110659	14	75	01.90- 01.94	110158	12	1.2
						01.91- 01.94	110958	12	0.9
Colt 1.5 GT		01.89- 01.90	110659	14	75	01.89- 01.90	110158	12	1.2
Colt 1.5 Premier						01.85- 01.88	110158	12	1.2
						01.85- 01.85	110315	12	0.9
Colt 1.6						01.83- 01.83	110158	12	1.2
Colt 1.6 200 LX		01.89- 01.89	110802	14	75				
Colt 1.6 Custom						01.83- 01.83	110158	12	1.2
Colt 1.6 Deluxe						01.83- 01.83	110158	12	1.2
Colt 1.6 DL						01.84- 01.84	110158	12	1.2
Colt 1.6 E						01.84- 01.84	110158	12	1.2
Colt 1.6 GT		01.90- 01.90	110802	14	75	01.90- 01.90	110811	12	1.2
Colt 1.6 Turbo 100		01.90- 01.90	110802	14	75				
Colt 1.6 Turbo 100 DL		01.89- 01.89	110802	14	75				
Colt 1.6 Turbo 100 LX		01.89- 01.90	110802	14	75				
Colt 1.6 Turbo DL						01.84- 01.88	110158	12	1.2
						01.85- 01.85	110315	12	0.9



Colt 1.6 Turbo GT	01.89- 01.89	110802	14	75	01.89- 01.89	110811	12	1.2
Colt 1.6 Turbo GTS					01.88-	110158	12	1.2
Colt 1.6 Turbo Premier					01.85- 01.88	110158	12	1.2
					01.85- 01.85	110315	12	0.9
Colt 1.8 DL					01.89- 01.90	110158	12	1.2
Colt 2.0 Vista	01.87- 01.91	112531	14	60	01.87- 01.91	110811	12	1.2
					01.84- 01.91	110158	12	1.2
Colt 2.0 Vista Custom	01.86- 01.86	110660#	14	65	01.86- 01.86	110158	12	1.2
Colt 2.4	01.93- 01.94	111376	14	75	01.93- 01.94	110158	12	1.2
Colt 2.4 4x4	01.92- 01.92	110802	14	75	01.92- 01.92	110158	12	1.2
Colt 2.4 Vista	01.93- 01.94	111376	14	75	01.92- 01.94	110158	12	1.2
	01.92- 01.92	110802	14	75				
Colt 2.4 Vista SE	01.93- 01.94	111376	14	75	01.92- 01.94	110158	12	1.2
	01.92- 01.92	110802	14	75				
Colt 2.6	01.78-	110805	14	45				
Conquest 2.6 Turbo	01.84- 01.86	110318	14	50	01.84- 01.85	110158	12	1.2
Cricket 1.5	01.71- 01.73	110178	14	36	01.71- 01.73	111102	12	0.8
Cuda 5.2	01.72- 01.74	110236	14	60	01.72- 01.74	110223	12	1.1
Cuda 5.6	01.70- 01.73	110236	14	60	01.70- 01.73	110223	12	1.1
Cuda 5.9	01.74- 01.74	110236	14	60	01.74- 01.74	110223	12	1.1
Cuda 6.3	01.70- 01.71	110236	14	60	01.70- 01.71	110222	12	1.3
Cuda 7.0	01.70- 01.71	110236	14	60	01.70- 01.71	110222	12	1.3
Cuda 7.2	01.70- 01.71	110236	14	60	01.70- 01.71	110222	12	1.3
Duster 3.2	01.70- 01.74	110236	14	60	01.70- 01.74	110223	12	1.1
Duster 3.7	01.70- 01.76	110236	14	60	01.70- 01.76	110223	12	1.1
Duster 3.7 Custom	01.75- 01.75	110236	14	60	01.75- 01.75	110223	12	1.1
Duster 5.2	01.70- 01.76	110236	14	60	01.70- 01.76	110223	12	1.1
Duster 5.2 Custom	01.75- 01.75	110236	14	60	01.75- 01.75	110223	12	1.1
Duster 5.6 340	01.70- 01.73	110236	14	60	01.70- 01.73	110223	12	1.1
Duster 5.9	01.76- 01.76	110236	14	60	01.76- 01.76	110223	12	1.1
Duster 5.9 360	01.74- 01.75	110236	14	60	01.74- 01.75	110223	12	1.1
Expo 2.2	01.88-	113051	14	120				
Fleet 3.7 Special					01.62- 01.63	110223	12	1.1
Fleet 5.9 Special					01.62- 01.63	110223	12	1.1
Fury 3.7	01.70- 01.78	110236	14	60	01.68- 01.78	110223	12	1.1
	01.68- 01.69	110074	14	60				
Fury 3.7 Custom	01.75- 01.75	110236	14	60	01.75- 01.75	110223	12	1.1
Fury 3.7 Custom Suburban	01.68- 01.68	110074	14	60	01.68- 01.68	110223	12	1.1
Fury 3.7 Salon	01.76- 01.78	110236	14	60	01.76- 01.78	110223	12	1.1
Fury 3.7 Sport	01.76- 01.78	110236	14	60	01.76- 01.78	110223	12	1.1
Fury 3.7 Suburban	01.68- 01.68	110074	14	60	01.68- 01.70	110223	12	1.1
	01.70- 01.70	110236	14	60				
Fury 4.5	01.64- 01.65	110074	14	60	01.64- 01.65	110223	12	1.1
Fury 5.2	01.70- 01.78	110236	14	60	01.67- 01.78	110223	12	1.1
	01.67- 01.69	110074	14	60				
Fury 5.2 Custom	01.75- 01.75	110236	14	60	01.75- 01.75	110223	12	1.1
Fury 5.2 Custom Suburban	01.68- 01.68	110074	14	60	01.68- 01.75	110223	12	1.1
	01.70- 01.75	110236	14	60				
Fury 5.2 Salon	01.76- 01.78	110236	14	60	01.76- 01.78	110223	12	1.1
Fury 5.2 Sport	01.68- 01.69	110074	14	60	01.68- 01.78	110223	12	1.1
	01.70- 01.78	110236	14	60				
Fury 5.2 Sport Suburban	01.68- 01.68	110074	14	60	01.68- 01.75	110223	12	1.1
	01.70- 01.75	110236	14	60				
Fury 5.2 Suburban	01.68- 01.68	110074	14	60	01.68- 01.75	110223	12	1.1
	01.70- 01.75	110236	14	60				
Fury 5.2 Vip	01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Fury 5.9	01.71- 01.78	110236	14	60	01.71- 01.78	110222	12	1.3
					01.62- 01.64	110223	12	1.1
Fury 5.9 Custom	01.75- 01.75	110236	14	60	01.75- 01.75	110222	12	1.3
Fury 5.9 Custom Suburban	01.71- 01.75	110236	14	60	01.71- 01.75	110222	12	1.3
Fury 5.9 Police	01.74- 01.74	110236	14	60	01.74- 01.74	110222	12	1.3
Fury 5.9 Salon	01.76- 01.78	110236	14	60	01.76- 01.78	110222	12	1.3
Fury 5.9 Sport	01.71- 01.78	110236	14	60	01.71- 01.78	110222	12	1.3
Fury 5.9 Sport Suburban	01.71- 01.78	110236	14	60	01.71- 01.78	110222	12	1.3
Fury 5.9 Suburban	01.71- 01.78	110236	14	60	01.71- 01.78	110222	12	1.3
Fury 6.3	01.70- 01.71	110236	14	60	01.64- 01.71	110222	12	1.3
	01.64- 01.69	110074	14	60				
Fury 6.3 Custom Suburban	01.68- 01.68	110074	14	60	01.68- 01.71	110222	12	1.3
	01.70- 01.71	110236	14	60				
Fury 6.3 Sport	01.68- 01.69	110074	14	60	01.68- 01.71	110222	12	1.3
	01.70- 01.71	110236	14	60				
Fury 6.3 Sport Suburban	01.68- 01.68	110074	14	60	01.68- 01.71	110222	12	1.3
	01.70- 01.71	110236	14	60				
Fury 6.3 Suburban	01.68- 01.68	110074	14	60	01.68- 01.71	110222	12	1.3
	01.70- 01.71	110236	14	60				
Fury 6.3 Vip	01.68- 01.69	110074	14	60	01.68- 01.69	110222	12	1.3
Fury 6.6	01.72- 01.78	110236	14	60	01.72- 01.78	110222	12	1.3
Fury 6.6 Custom	01.75- 01.75	110236	14	60	01.75- 01.75	110222	12	1.3
Fury 6.6 Custom Suburban	01.72- 01.75	110236	14	60	01.72- 01.75	110222	12	1.3
Fury 6.6 Police	01.74- 01.74	110236	14	60	01.74- 01.74	110222	12	1.3
Fury 6.6 Salon	01.76- 01.78	110236	14	60	01.76- 01.78	110222	12	1.3
Fury 6.6 Sport	01.75- 01.78	110236	14	60	01.75- 01.78	110222	12	1.3
Fury 6.6 Sport Suburban	01.72- 01.78	110236	14	60	01.72- 01.78	110222	12	1.3
Fury 6.6 Suburban	01.72- 01.78	110236	14	60	01.72- 01.78	110222	12	1.3
Fury 7.0	01.64- 01.66	110074	14	60	01.64- 01.66	110222	12	1.3
Fury 7.2	01.70- 01.78	110236	14	60	01.67- 01.78	110222	12	1.3
	01.67- 01.69	110074	14	60				
Fury 7.2 Custom Suburban	01.68- 01.68	110074	14	60	01.68- 01.74	110222	12	1.3
	01.70- 01.74	110236	14	60				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

**PLYMOUTH** *Continued*

Fury 7.2 Police	01.74- 01.74	110236	14 60	01.74- 01.74	110222	12 1.3	
Fury 7.2 Salon	01.77- 01.78	110236	14 60	01.77- 01.78	110222	12 1.3	
Fury 7.2 Sport	01.68- 01.69	110074	14 60	01.68- 01.71	110222	12 1.3	
	01.70- 01.71	110236	14 60				
Fury 7.2 Sport GT	01.71- 01.71	110236	14 60	01.71- 01.71	110222	12 1.3	
Fury 7.2 Sport Suburban	01.68- 01.68	110074	14 60	01.68- 01.74	110222	12 1.3	
	01.70- 01.74	110236	14 60				
Fury 7.2 Suburban	01.70- 01.73	110236	14 60	01.68- 01.73	110222	12 1.3	
	01.68- 01.68	110074	14 60				
Fury 7.2 Vip	01.68- 01.69	110074	14 60	01.68- 01.69	110222	12 1.3	
Gran Fury 3.7	01.80- 01.83	110236	14 60	01.80- 01.83	110223	12 1.1	
Gran Fury 3.7 SALON	01.80- 01.80	110236	14 60	01.80- 01.80	110223	12 1.1	
Gran Fury 5.2	01.72- 01.87	110236	14 60	01.72- 01.87	110223	12 1.1	
				01.88- 01.89	111456#	12 1.4	
Gran Fury 5.2 Custom	01.75- 01.75	110236	14 60	01.75- 01.75	110223	12 1.1	
Gran Fury 5.2 SALON	01.80- 01.80	110236	14 60	01.80- 01.80	110223	12 1.1	
Gran Fury 5.9	01.72- 01.80	110236	14 60	01.72- 01.80	110222	12 1.3	
Gran Fury 5.9 Brougham	01.75- 01.77	110236	14 60	01.75- 01.77	110222	12 1.3	
Gran Fury 5.9 Custom	01.75- 01.76	110236	14 60	01.75- 01.76	110222	12 1.3	
Gran Fury 5.9 SALON	01.80- 01.80	110236	14 60	01.80- 01.80	110222	12 1.3	
Gran Fury 6.6	01.72- 01.77	110236	14 60	01.72- 01.77	110222	12 1.3	
Gran Fury 6.6 Brougham	01.75- 01.77	110236	14 60	01.75- 01.77	110222	12 1.3	
Gran Fury 6.6 Custom	01.75- 01.76	110236	14 60	01.75- 01.76	110222	12 1.3	
Gran Fury 6.6 Custom Suburban	01.75- 01.76	110236	14 60	01.75- 01.76	110222	12 1.3	
Gran Fury 6.6 Sport Suburban	01.75- 01.77	110236	14 60	01.75- 01.77	110222	12 1.3	
Gran Fury 6.6 Suburban	01.75- 01.77	110236	14 60	01.75- 01.77	110222	12 1.3	
Gran Fury 7.2	01.72- 01.77	110236	14 60	01.72- 01.77	110222	12 1.3	
Gran Fury 7.2 Brougham	01.75- 01.77	110236	14 60	01.75- 01.77	110222	12 1.3	
Gran Fury 7.2 Custom	01.75- 01.76	110236	14 60	01.75- 01.76	110222	12 1.3	
Gran Fury 7.2 Custom Suburban	01.75- 01.76	110236	14 60	01.75- 01.76	110222	12 1.3	
Gran Fury 7.2 Sport Suburban	01.75- 01.77	110236	14 60	01.75- 01.77	110222	12 1.3	
Gran Fury 7.2 Suburban	01.76- 01.77	110236	14 60	01.76- 01.77	110222	12 1.3	
Grand Voyager 2.5 SE				01.88- 01.89	111425	12 1.4	
Grand Voyager 3.0	01.94- 01.95	113056#	14 90	01.94- 01.95	111456#	12 1.4	
Grand Voyager 3.0 LE	01.93- 01.93	113056#	14 90	01.88- 01.93	111456#	12 1.4	
Grand Voyager 3.0 SE	01.92- 01.95	113056#	14 90	01.89- 01.95	111456#	12 1.4	
Grand Voyager 3.3	[EGA]			01.98- 01.98	111492	12 1.4	
				01.97- 01.99	111492	12 1.4	
Grand Voyager 3.3 LE	01.90- 01.95	113056#	14 90	01.90- 01.95	111492	12 1.4	
Grand Voyager 3.3 SE	01.90- 01.94	113056#	14 90	01.90- 01.97	111492	12 1.4	
Grand Voyager 3.3	[EGM]			01.98- 01.99	111492	12 1.4	
Grand Voyager 3.8				01.99- 01.99	111492	12 1.4	
Grand Voyager 3.8 LE	01.94- 01.95	113056#	14 90	01.94- 01.95	111492	12 1.4	
Grand Voyager 3.8 SE	01.95- 01.95	113056#	14 90	01.95- 01.95	111492	12 1.4	
GTX 4.5	01.67- 01.67	110074	14 60	01.67- 01.67	110223	12 1.1	
GTX 5.2	01.67- 01.67	110074	14 60	01.67- 01.67	110223	12 1.1	
GTX 6.3	01.67-	110074	14 60				
GTX 7.0	01.67- 01.67	110074	14 60	01.67- 01.67	110223	12 1.1	
GTX 7.2	01.67- 01.67	110074	14 60	01.67- 01.67	110223	12 1.1	
Horizon 1.7	01.83- 01.83	110514	14 78				
Horizon 1.7 Custom	01.83- 01.83	110514	14 78				
Horizon 1.7 E-Type	01.82- 01.82	110514	14 78				
Horizon 1.7 Miser	01.81- 01.82	110514	14 78				
Horizon 1.7 TC3	01.80- 01.82	110514	14 78				
Horizon 1.7 TC3 Miser	01.81- 01.82	110514	14 78				
Horizon 1.7 TC3 Turismo	01.83- 01.83	110514	14 78				
Horizon 2.2	01.88- 01.90	111194#	14 120	01.87- 01.90	111425	12 1.4	
	01.81- 01.85	110514	14 78				
Horizon 2.2 Custom	01.83- 01.83	110514	14 78				
Horizon 2.2 E-Type	01.82- 01.82	110514	14 78				
Horizon 2.2 Miser	01.81- 01.82	110514	14 78				
Horizon 2.2 TC3	01.81- 01.82	110514	14 78				
Horizon 2.2 TC3 Miser	01.81- 01.82	110514	14 78				
Horizon 2.2 TC3 Turismo	01.82- 01.83	110514	14 78				
Horizon 2.2 Turismo	01.83- 01.85	110514	14 78				
Laser 1.8	01.90- 01.94	110666#	14 60	01.90- 01.94	110158	12 1.2	
				01.93- 01.94	110958	12 0.9	
Laser 1.8 RS	01.90- 01.90	110666#	14 60	01.90- 01.90	110158	12 1.2	
Laser 2.0 RS	01.90- 01.94	110802	14 75	01.90- 01.94	110811	12 1.2	
	01.90- 01.94	110804	14 90				
Laser 2.0 Turbo RS	01.90- 01.94	110802	14 75	01.90- 01.94	110811	12 1.2	
	01.90- 01.94	110804	14 90				
Neon 2.0	[ECB]	01.96- 01.97	111530	14 90	01.98- 01.98	113587#	12 1.1
	[ECC]	01.96- 01.97	111530	14 90	01.98- 01.98	113587#	12 1.1
		01.95- 01.95	111530	14 90	01.00- 01.01	113613	12 1.1
				01.99- 01.99	113587#	12 1.1	
				01.95- 01.95	111396	12 1.2	
Neon 2.0 Highline	[ECB]	01.96- 01.97	111530	14 90			
	[ECC]	01.96- 01.97	111530	14 90			
		01.95- 01.95	111530	14 90	01.95- 01.95	111396	12 1.2
Neon 2.0 Sport	[ECB]	01.96- 01.96	111530	14 90			
	[ECC]	01.96- 01.96	111530	14 90			
		01.95- 01.95	111530	14 90	01.95- 01.95	111396	12 1.2
Prowler 3.5		01.99- 01.01	113027#	14 130	01.00- 01.01	113242	12 1.4
					01.97- 01.99	112845#	12 1.4
Reliant 2.2		01.81- 01.85	110514	14 78			
Reliant 2.2 SE		01.81- 01.85	110514	14 78			
Reliant 2.5					01.86- 01.87	111425	12 1.4
Reliant 2.5 LE					01.86- 01.89	111425	12 1.4





Reliant 2.5 SE						01.86- 01.86	111425	12	1.4
Roadrunner 4.5	01.68- 01.68	110074	14	60		01.68- 01.68	110223	12	1.1
Roadrunner 5.2	01.68- 01.68	110074	14	60		01.68- 01.75	110223	12	1.1
	01.72- 01.75	110236	14	60					
Roadrunner 5.6	01.71- 01.73	110236	14	60		01.71- 01.73	110223	12	1.1
Roadrunner 5.9	01.74- 01.75	110236	14	60		01.74- 01.75	110222	12	1.3
Roadrunner 6.3	01.70- 01.71	110236	14	60		01.68- 01.71	110222	12	1.3
	01.68- 01.69	110074	14	60					
Roadrunner 6.6	01.72- 01.75	110236	14	60		01.72- 01.75	110222	12	1.3
Roadrunner 7.0	01.70- 01.71	110236	14	60		01.68- 01.71	110222	12	1.3
	01.68- 01.69	110074	14	60					
Roadrunner 7.2	01.70- 01.74	110236	14	60		01.69- 01.74	110222	12	1.3
	01.69- 01.69	110074	14	60					
Sapporo 1.6						01.78- 01.79	110158	12	1.2
						01.78- 01.79	110157	12	1.0
Sapporo 2.6	01.81- 01.83	110805	14	45		01.78- 01.83	110158	12	1.2
						01.78- 01.80	110291#	12	1.2
Satellite 3.7	01.71- 01.74	110236	14	60		01.71- 01.74	110223	12	1.1
	01.66- 01.67	110074	14	60					
Satellite 3.7 Custom	01.71- 01.74	110236	14	60		01.71- 01.74	110223	12	1.1
Satellite 3.7 Sebring	01.71- 01.74	110236	14	60		01.71- 01.74	110223	12	1.1
Satellite 4.5	01.65- 01.68	110074	14	60		01.68- 01.68	110223	12	1.1
Satellite 5.2	01.71- 01.74	110236	14	60		01.65- 01.74	110223	12	1.1
	01.65- 01.69	110074	14	60					
Satellite 5.2 Brougham	01.71- 01.71	110236	14	60		01.71- 01.71	110223	12	1.1
Satellite 5.2 Custom	01.71- 01.74	110236	14	60		01.71- 01.74	110223	12	1.1
Satellite 5.2 Regent	01.71- 01.74	110236	14	60		01.71- 01.74	110223	12	1.1
Satellite 5.2 Sebring	01.71- 01.74	110236	14	60		01.71- 01.74	110223	12	1.1
Satellite 5.2 Sebring Plus	01.71- 01.74	110236	14	60		01.71- 01.74	110223	12	1.1
Satellite 5.6 Custom	01.72- 01.72	110236	14	60		01.72- 01.72	110223	12	1.1
Satellite 5.6 Sebring	01.72- 01.72	110236	14	60		01.72- 01.72	110223	12	1.1
Satellite 5.9	01.74- 01.74	110236	14	60		01.74- 01.74	110223	12	1.1
Satellite 5.9 Custom	01.74- 01.74	110236	14	60		01.74- 01.74	110223	12	1.1
Satellite 5.9 Regent	01.74- 01.74	110236	14	60		01.74- 01.74	110223	12	1.1
Satellite 5.9 Sebring	01.74- 01.74	110236	14	60		01.74- 01.74	110223	12	1.1
Satellite 5.9 Sebring Plus	01.74- 01.74	110236	14	60		01.74- 01.74	110223	12	1.1
Satellite 6.3	01.71- 01.71	110236	14	60		01.66- 01.71	110222	12	1.3
	01.65- 01.69	110074	14	60					
Satellite 6.3 Brougham	01.71- 01.71	110236	14	60		01.71- 01.71	110222	12	1.3
Satellite 6.3 Custom	01.71- 01.71	110236	14	60		01.71- 01.71	110222	12	1.3
Satellite 6.3 Regent	01.71- 01.71	110236	14	60		01.71- 01.71	110222	12	1.3
Satellite 6.3 Sebring	01.71- 01.71	110236	14	60		01.71- 01.71	110222	12	1.3
Satellite 6.3 Sebring Plus	01.71- 01.71	110236	14	60		01.71- 01.71	110222	12	1.3
Satellite 6.3 Sport	01.70- 01.70	110236	14	60		01.70- 01.70	110222	12	1.3
Satellite 6.6	01.72- 01.74	110236	14	60		01.72- 01.74	110222	12	1.3
Satellite 6.6 Custom	01.72- 01.74	110236	14	60		01.72- 01.74	110222	12	1.3
Satellite 6.6 Regent	01.72- 01.74	110236	14	60		01.72- 01.74	110222	12	1.3
Satellite 6.6 Sebring	01.72- 01.74	110236	14	60		01.72- 01.74	110222	12	1.3
Satellite 6.6 Sebring Plus	01.72- 01.74	110236	14	60		01.72- 01.74	110222	12	1.3
Satellite 7.0	01.65- 01.67	110074	14	60		01.65- 01.67	110222	12	1.3
Satellite 7.2	01.66- 01.67	110074	14	60		01.66- 01.74	110222	12	1.3
	01.74- 01.74	110236	14	60					
Savoy 3.7	01.62- 01.64	110074	14	60		01.62- 01.64	110223	12	1.1
Savoy 4.5	01.64- 01.64	110074	14	60		01.64- 01.64	110223	12	1.1
Savoy 5.2	01.64- 01.64	110074	14	60		01.64- 01.64	110223	12	1.1
Savoy 5.9						01.62- 01.64	110223	12	1.1
Savoy 6.3	01.64-	110074	14	60					
Savoy 7.0	01.64- 01.64	110074	14	60		01.64- 01.64	110222	12	1.3
Scamp 2.2	01.83- 01.83	110514	14	78					
Scamp 3.2	01.71- 01.74	110236	14	60		01.71- 01.74	110223	12	1.1
Scamp 3.7	01.71- 01.76	110236	14	60		01.71- 01.76	110223	12	1.1
Scamp 3.7 Special	01.76-	110236	14	60		01.76-	110223	12	1.1
Scamp 5.2	01.71- 01.76	110236	14	60		01.71- 01.76	110223	12	1.1
Scamp 5.2 Special	01.76- 01.76	110236	14	60		01.76- 01.76	110223	12	1.1
Sundance 2.2	01.90- 01.94	113058#	14	120		01.87- 01.94	111425	12	1.4
	01.90- 01.94	111193	14	90					
	01.90- 01.94	111194#	14	120					
Sundance 2.2 America	01.91- 01.92	113058#	14	120		01.91- 01.92	111425	12	1.4
	01.91- 01.92	111193	14	90					
Sundance 2.2 Turbo						01.87- 01.88	111425	12	1.4
Sundance 2.5	01.92- 01.94	111193	14	90		01.88- 01.94	111425	12	1.4
	01.92- 01.94	113058#	14	120					
	01.92- 01.94	111194#	14	120					
Sundance 2.5 America	01.92- 01.92	113058#	14	120		01.92- 01.92	111425	12	1.4
	01.92- 01.92	111193	14	90					
Sundance 2.5 Duster	01.92- 01.94	111193	14	90		01.92- 01.94	111425	12	1.4
	01.92- 01.94	113058#	14	120					
Sundance 2.5 RS	01.91- 01.91	111193	14	90		01.91- 01.91	111425	12	1.4
	01.91- 01.91	113058#	14	120					
Sundance 2.5 Turbo	01.89- 01.90	113051	14	120		01.89- 01.90	111425	12	1.4
Sundance 2.5 Turbo RS	01.91- 01.91	111193	14	90		01.91- 01.91	111425	12	1.4
	01.91- 01.91	113058#	14	120					
Sundance 3.0 Duster	01.92- 01.94	113056#	14	90		01.92- 01.94	111456#	12	1.4
Sundance 3.0 RS	01.92- 01.92	113056#	14	90		01.92- 01.92	111456#	12	1.4
Superbird 7.2	01.70-	110236	14	60					
Trailduster 3.7	01.75- 01.80	110236	14	60		01.75- 01.80	110223	12	1.1
Trailduster 5.2	01.74- 01.81	110236	14	60		01.74- 01.81	110223	12	1.1
Trailduster 5.9	01.74- 01.81	110236	14	60		01.74- 01.81	110222	12	1.3
Trailduster 6.6	01.76- 01.78	110236	14	60		01.76- 01.78	110222	12	1.3

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**PLYMOUTH** *Continued*

Trailduster 7.2	01.74- 01.78	110236	14 60	01.74- 01.78	110222	12 1.3
Valiant 2.8	01.62- 01.67	110074	14 60	01.62- 01.67	110223	12 1.1
Valiant 2.8 100	01.68- 01.69	110074	14 60	01.68- 01.69	110223	12 1.1
Valiant 2.8 Signet	01.68- 01.69	110074	14 60	01.68- 01.69	110223	12 1.1
Valiant 3.2	01.70- 01.74	110236	14 60	01.70- 01.74	110223	12 1.1
Valiant 3.7	01.70- 01.76	110236	14 60	01.65- 01.76	110223	12 1.1
	01.65- 01.67	110074	14 60			
Valiant 3.7 100	01.68- 01.69	110074	14 60	01.68- 01.69	110223	12 1.1
Valiant 3.7 Brougham	01.74- 01.75	110236	14 60	01.74- 01.75	110223	12 1.1
Valiant 3.7 Custom	01.75- 01.75	110236	14 60	01.75- 01.75	110223	12 1.1
Valiant 3.7 Signet	01.68- 01.69	110074	14 60	01.68- 01.69	110223	12 1.1
Valiant 4.5	01.64- 01.67	110074	14 60	01.64- 01.67	110223	12 1.1
Valiant 4.5 100	01.68- 01.69	110074	14 60	01.68- 01.69	110223	12 1.1
Valiant 4.5 Signet	01.68- 01.69	110074	14 60	01.68- 01.69	110223	12 1.1
Valiant 5.2	01.70- 01.76	110236	14 60	01.70- 01.76	110223	12 1.1
Valiant 5.2 100	01.68- 01.69	110074	14 60	01.68- 01.69	110223	12 1.1
Valiant 5.2 Brougham	01.74- 01.75	110236	14 60	01.74- 01.75	110223	12 1.1
Valiant 5.2 Custom	01.75- 01.75	110236	14 60	01.75- 01.75	110223	12 1.1
Valiant 5.2 Signet	01.68- 01.69	110074	14 60	01.68- 01.69	110223	12 1.1
Valiant 5.9	01.76- 01.76	110236	14 60	01.76- 01.76	110223	12 1.1
VIP 5.2	01.67- 01.67	110074	14 60	01.67- 01.67	110223	12 1.1
VIP 6.3	01.67- 01.67	110074	14 60	01.67- 01.67	110222	12 1.3
VIP 7.2	01.67- 01.67	110074	14 60	01.67- 01.67	110222	12 1.3
Volare 3.7	01.76- 01.80	110236	14 60	01.76- 01.80	110223	12 1.1
Volare 3.7 Custom	01.76- 01.77	110236	14 60	01.76- 01.77	110223	12 1.1
Volare 3.7 Premier	01.76- 01.77	110236	14 60	01.76- 01.77	110223	12 1.1
Volare 5.2	01.76- 01.80	110236	14 60	01.76- 01.80	110223	12 1.1
Volare 5.2 Custom	01.76- 01.77	110236	14 60	01.76- 01.77	110223	12 1.1
Volare 5.2 Premier	01.76- 01.77	110236	14 60	01.76- 01.77	110223	12 1.1
Volare 5.9	01.76- 01.80	110236	14 60	01.76- 01.80	110222	12 1.3
Volare 5.9 Custom	01.76- 01.77	110236	14 60	01.76- 01.77	110222	12 1.3
Volare 5.9 Premier	01.76- 01.77	110236	14 60	01.76- 01.77	110222	12 1.3
Voyager 3.0 LX	01.94- 01.94	113056#	14 90	01.94- 01.94	111456#	12 1.4
Voyager 3.3				01.98- 01.99	111492	12 1.4
Voyager 3.3 LX	01.94- 01.94	113056#	14 90	01.94- 01.94	111492	12 1.4
Voyager 3.3 SE	01.94- 01.94	113056#	14 90	01.94- 01.94	111492	12 1.4
Voyager 3.3	[EGM]			01.98- 01.99	111492	12 1.4
Voyager 3.7 PB100	01.74- 01.80	110236	14 60	01.74- 01.80	110223	12 1.1
Voyager 3.7 PB150	01.81- 01.83	110236	14 60	01.81- 01.83	110223	12 1.1
Voyager 3.7 PB200	01.74- 01.80	110236	14 60	01.74- 01.80	110223	12 1.1
Voyager 3.7 PB200 EX	01.76- 01.77	110236	14 60	01.76- 01.77	110223	12 1.1
Voyager 3.7 PB250	01.81- 01.83	110236	14 60	01.81- 01.83	110223	12 1.1
Voyager 3.8	[EGH]			01.98- 01.98	111492	12 1.4
				01.98- 01.98	114135	12 1.2
				01.99- 01.99	114135	12 1.2
				01.99- 01.99	111492	12 1.4
Voyager 5.2 PB100	01.74- 01.80	110236	14 60	01.74- 01.80	110223	12 1.1
Voyager 5.2 PB150	01.81- 01.83	110236	14 60	01.81- 01.83	110223	12 1.1
Voyager 5.2 PB200	01.74- 01.80	110236	14 60	01.74- 01.80	110223	12 1.1
Voyager 5.2 PB200 EX	01.74- 01.77	110236	14 60	01.74- 01.77	110223	12 1.1
Voyager 5.2 PB200 MX	01.78- 01.80	110236	14 60	01.78- 01.80	110223	12 1.1
Voyager 5.2 PB250	01.81- 01.83	110236	14 60	01.81- 01.83	110223	12 1.1
Voyager 5.2 PB300	01.74- 01.80	110236	14 60	01.74- 01.80	110223	12 1.1
Voyager 5.2 PB300 EX	01.74- 01.77	110236	14 60	01.74- 01.77	110223	12 1.1
Voyager 5.2 PB300 MX	01.78- 01.80	110236	14 60	01.78- 01.80	110223	12 1.1
Voyager 5.2 PB350	01.81- 01.83	110236	14 60	01.81- 01.83	110223	12 1.1
Voyager 5.9 PB100	01.74- 01.78	110236	14 60	01.74- 01.78	110222	12 1.3
Voyager 5.9 PB200	01.74- 01.80	110236	14 60	01.74- 01.80	110222	12 1.3
Voyager 5.9 PB200 EX	01.74- 01.77	110236	14 60	01.74- 01.77	110222	12 1.3
Voyager 5.9 PB200 MX	01.78- 01.80	110236	14 60	01.78- 01.80	110222	12 1.3
Voyager 5.9 PB250	01.81- 01.81	110236	14 60	01.81- 01.81	110222	12 1.3
Voyager 5.9 PB300	01.74- 01.79	110236	14 60	01.74- 01.79	110222	12 1.3
Voyager 5.9 PB300 EX	01.74- 01.77	110236	14 60	01.74- 01.77	110222	12 1.3
Voyager 5.9 PB300 MX	01.78- 01.80	110236	14 60	01.78- 01.80	110222	12 1.3
Voyager 5.9 PB350	01.81- 01.83	110236	14 60	01.81- 01.83	110222	12 1.3
Voyager 6.6 PB200	01.76- 01.78	110236	14 60	01.76- 01.78	110222	12 1.3
Voyager 6.6 PB200 EX	01.76- 01.77	110236	14 60	01.76- 01.77	110222	12 1.3
Voyager 6.6 PB200 MX	01.78- 01.78	110236	14 60	01.78- 01.78	110222	12 1.3
Voyager 6.6 PB300	01.77- 01.78	110236	14 60	01.77- 01.78	110222	12 1.3
Voyager 6.6 PB300 EX	01.76- 01.77	110236	14 60	01.76- 01.77	110222	12 1.3
Voyager 6.6 PB300 MX	01.78- 01.78	110236	14 60	01.78- 01.78	110222	12 1.3
Voyager 7.2 PB200	01.76- 01.78	110236	14 60	01.76- 01.78	110222	12 1.3
Voyager 7.2 PB200 MX	01.77- 01.78	110236	14 60	01.77- 01.78	110222	12 1.3
Voyager 7.2 PB300	01.76- 01.78	110236	14 60	01.76- 01.78	110222	12 1.3
Voyager 7.2 PB300 EX	01.76- 01.77	110236	14 60	01.76- 01.77	110222	12 1.3
Voyager 7.2 PB300 MX	01.78- 01.78	110236	14 60	01.78- 01.78	110222	12 1.3
Voyger 2.2	01.84- 01.87	110514	14 78			
Voyger 2.2 LE	01.84- 01.87	110514	14 78			
Voyger 2.2 SE	01.84- 01.87	110514	14 78			
Voyger 2.5	01.92- 01.95	111193	14 90	01.88- 01.95	111425	12 1.4
	01.92- 01.95	113058#	14 120			
Voyger 2.5 LE	01.90- 01.91	111193	14 90	01.87- 01.91	111425	12 1.4
	01.90- 01.91	113058#	14 120			
Voyger 2.5 SE	01.90- 01.93	111194#	14 120	01.87- 01.93	111425	12 1.4
	01.90- 01.93	111193	14 90			
	01.90- 01.93	113058#	14 120			
Voyger 2.5 Turbo	01.89- 01.90	113051	14 120	01.89- 01.90	111425	12 1.4
Voyger 2.5 Turbo LE	01.89- 01.90	113051	14 120	01.89- 01.90	111425	12 1.4
Voyger 2.5 Turbo SE	01.89- 01.90	113051	14 120	01.89- 01.90	111425	12 1.4



Voyger 3.0	01.91- 01.95	113056#	14	90	01.90- 01.95	111456#	12	1.4	
	01.90- 01.90	113055#	14	90					
Voyger 3.0 LE	01.91- 01.95	113056#	14	90	01.87- 01.95	111456#	12	1.4	
	01.90- 01.90	113055#	14	90					
Voyger 3.0 SE	01.91- 01.95	113056#	14	90	01.87- 01.95	111456#	12	1.4	
	01.90- 01.90	113055#	14	90					
Voyger 3.3	01.95- 01.97	113056#	14	90	01.95- 01.97	111492	12	1.4	
Voyger 3.3 LE	01.91- 01.95	113056#	14	90	01.91- 01.95	111492	12	1.4	
Voyger 3.3 SE	01.91- 01.97	113056#	14	90	01.91- 01.97	111492	12	1.4	
Voyger 3.3	01.94- 01.95	113056#	14	90	01.94- 01.95	111492	12	1.4	
<b>Poclair</b>									
<b>MISCELLANEOUS</b>									
Various Models 8.5	[F6L413]				01.73-	114437	24	5.4	
<b>Polaris</b>									
<b>MARINE</b>									
Various Models					01.89- 01.06	113527	12	0.6	
					01.96- 01.07	113528	12		
					01.92-	112010	12		
<b>Pontiac</b>									
<b>PASSENGER CARS EU</b>									
Bonneville 3.8 V6	[L36]	111220	14	105					
Grand Lemans					01.98- 12.99	112900	12	1.4	
					01.89- 12.01	112911	12	1.6	
Trans Sport 3.1	[LG6]	07.89- 03.97	111388	14	100/105				
Trans Sport 3.8	[L27]	07.89- 03.97	112884	14	140				
<b>PASSENGER CARS US</b>									
6000 2.5		01.87- 01.88	110499	14	100/105	01.87- 01.88	110221	12	1.2
		01.87- 01.88	112448	14	100	01.84- 12.84	112911	12	1.6
		01.83- 01.86	110471	14	94				
		01.82- 01.86	110505	14	75				
		01.83- 01.86	110508	14	78				
		01.82- 01.82	110235	14	80				
6000 2.5 LE		01.87- 01.91	110499	14	100/105	01.87- 01.91	110221	12	1.2
		01.87- 01.91	112448	14	100				
		01.82- 01.86	110505	14	75				
		01.83- 01.86	110471	14	94				
		01.83- 01.86	110508	14	78				
		01.82- 01.82	110235	14	80				
6000 2.8		01.83- 01.88	110471	14	94	01.83- 01.88	112911	12	1.6
		01.83- 01.88	110508	14	78				
		01.85- 01.88	110492	14	108				
		01.82- 01.84	110505	14	75				
		01.82- 01.82	110235	14	80				
6000 2.8 LE		01.83- 01.89	110471	14	94	01.83- 01.89	112911	12	1.6
		01.83- 01.89	110508	14	78				
		01.85- 01.89	110492	14	108				
		01.82- 01.84	110505	14	75				
		01.82- 01.82	110235	14	80				
6000 2.8 SE		01.86- 01.89	110508	14	78	01.86- 01.89	112911	12	1.6
		01.86- 01.89	110471	14	94				
		01.86- 01.89	110492	14	108				
6000 2.8 STE		01.83- 01.88	111388	14	100/105	01.83- 01.88	112911	12	1.6
		01.85- 01.88	110508	14	78				
		01.85- 01.88	110471	14	94				
		01.83- 01.88	110492	14	108				
6000 3.1 LE		01.90- 01.91	111388	14	100/105	01.90- 01.91	112911	12	1.6
6000 3.1 SE		01.90- 01.91	111388	14	100/105	01.90- 01.91	112911	12	1.6
6000 3.1 STE		01.88- 01.89	111388	14	100/105	01.88- 01.89	112911	12	1.6
					01.76- 08.85	110997	12	0.8	
6000 4.3		01.84- 01.85	110508	14	78				
		01.82- 01.85	110233	14	63				
		01.84- 01.85	110471	14	94				
		01.82- 01.85	110505	14	75				
		01.82- 01.83	110235	14	80				
6000 4.3 LE		01.82- 01.85	110233	14	63				
		01.84- 01.85	110508	14	78				
		01.84- 01.85	110471	14	94				
		01.82- 01.85	110505	14	75				
		01.82- 01.83	110235	14	80				
Acadian 1.6		01.76-	110492	14	108				
Acadian 1.6 S		01.80-	110492	14	108				
Astre 2.3		01.75- 01.77	110233	14	63				
		01.75- 01.77	110505	14	75				
		01.75- 01.77	110492	14	108				
Astre 2.3 S		01.75- 01.75	110233	14	63				
		01.75- 01.75	110505	14	75				
		01.75- 01.75	110492	14	108				
Astre 2.3 S Safari		01.75- 01.75	110233	14	63				
		01.75- 01.75	110492	14	108				
		01.75- 01.75	110505	14	75				
Astre 2.3 Safari		01.75- 01.77	110233	14	63				
		01.75- 01.77	110505	14	75				
		01.75- 01.77	110492	14	108				
Astre 2.3 SJ		01.75- 01.75	110505	14	75				
		01.75- 01.75	110492	14	108				
		01.75- 01.75	110233	14	63				
Astre 2.3 SJ Safari		01.75- 01.75	110233	14	63				
		01.75- 01.75	110505	14	75				
		01.75- 01.75	110492	14	108				

# STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**PONTIAC** *Continued*

Astre 2.5	01.77- 01.77	110505	14 75			
Astre 2.5 Safari	01.77- 01.77	110505	14 75			
Bonneville 3.8	01.83- 01.86	110508	14 78	01.87- 01.87	110221	12 1.2
	01.80- 01.86	110235	14 80			
	01.83- 01.86	110471	14 94			
	01.80- 01.86	110505	14 75			
Bonneville 3.8 Brougham	01.83- 01.83	110471	14 94			
	01.81- 01.86	110505	14 75			
	01.81- 01.86	110235	14 80			
	01.83- 01.83	110508	14 78			
Bonneville 3.8 LE	01.88- 01.91	111220	14 105	01.87- 01.91	110221	12 1.2
	01.88- 01.91	112636	14 100/105			
	01.84- 01.86	110471	14 94			
	01.84- 01.86	110235	14 80			
	01.84- 01.86	110505	14 75			
Bonneville 3.8 SE	01.88- 01.94	111220	14 105	01.96- 01.98	112898	12 1.6
	01.88- 01.94	112636	14 100/105	01.88- 01.95	110221	12 1.2
	01.88- 01.94	112639	14 100/105			
Bonneville 3.8 SSE	01.88- 01.91	111220	14 105	01.88- 01.91	110221	12 1.2
	01.88- 01.91	112636	14 100/105			
Bonneville 3.8 Super				01.99- 01.03	112898	12 1.6
Bonneville 3.8 Super SSE	01.92- 01.94	111220	14 105	01.92- 01.98	112898	12 1.6
	01.92- 01.94	112636	14 100/105	01.94- 01.94	110221	12 1.2
Bonneville 3.8 Super SSEI	01.92- 01.93	111220	14 105	01.92- 01.93	112898	12 1.6
	01.92- 01.93	112636	14 100/105			
Bonneville 4.1	01.82- 01.82	110505	14 75			
	01.82- 01.82	110235	14 80			
Bonneville 4.1 Brougham	01.82- 01.82	110505	14 75			
	01.82- 01.82	110235	14 80			
Bonneville 4.3	01.86- 01.86	110471	14 94			
	01.86- 01.86	110492	14 108			
	01.80- 01.81	110505	14 75			
	01.80- 01.81	110235	14 80			
Bonneville 4.3 Brougham	01.86- 01.86	110471	14 94			
	01.86- 01.86	110492	14 108			
	01.80- 01.81	110505	14 75			
	01.80- 01.81	110235	14 80			
Bonneville 4.3 LE	01.86- 01.86	110471	14 94			
	01.86- 01.86	110492	14 108			
Bonneville 4.9	01.77- 01.80	110505	14 75			
Bonneville 4.9 Brougham	01.77- 01.80	110505	14 75			
Bonneville 4.9 Safari	01.79- 01.80	110505	14 75			
Bonneville 5.0	01.81- 01.86	110505	14 75			
	01.83- 01.86	110471	14 94	01.83- 01.84	110414	12
	01.81- 01.81	110235	14 80			
Bonneville 5.0 Brougham	01.81- 01.86	110505	14 75			
	01.83- 01.86	110471	14 94	01.83- 01.84	110414	12
	01.81- 01.81	110235	14 80			
Bonneville 5.0 LE	01.84- 01.86	110505	14 75			
	01.84- 01.86	110471	14 94			
Bonneville 5.0 Safari	01.81- 01.81	110505	14 75			
	01.81- 01.81	110235	14 80			
Bonneville 5.7	01.80- 01.80	110235	14 80	01.77- 01.80	110218	12
	01.77- 01.80	110505	14 75			
	01.78- 01.79	110233	14 63			
	01.77- 01.79	110234#	14 80			
	01.70- 01.70	110075	14 60			
Bonneville 5.7 Brougham	01.77- 01.80	110505	14 75	01.77- 01.80	110218	12
	01.80- 01.80	110235	14 80			
	01.78- 01.80	110233	14 63			
	01.77- 01.80	110234#	14 80			
Bonneville 5.7 Safari	01.79- 01.80	110234#	14 80			
	01.79- 01.80	110233	14 63	01.79- 01.80	110218	12
	01.79- 01.80	110505	14 75			
Bonneville 5.7	01.84- 01.84	110471	14 94			
	01.84- 01.84	110508	14 78			
	01.80- 01.83	110505	14 75			
	01.80- 01.83	110235	14 80			
Bonneville 5.7 Brougham	01.84- 01.84	110471	14 94			
	01.84- 01.84	110508	14 78			
	01.80- 01.83	110235	14 80			
	01.80- 01.83	110505	14 75			
Bonneville 5.7 LE	01.84- 01.84	110471	14 94			
	01.84- 01.84	110508	14 78			
Bonneville 5.7 Safari	01.80- 01.81	110505	14 75			
	01.80- 01.81	110235	14 80			
Bonneville 6.4	01.63- 01.66	110075	14 60	01.60- 01.62	110216	12 1.4
Bonneville 6.6	01.73- 01.79	110505	14 75	01.68- 01.79	110218	12
	01.73- 01.79	110234#	14 80			
	01.68- 01.71	110075	14 60			
Bonneville 6.6 Brougham	01.76- 01.79	110505	14 75	01.76- 01.79	110218	12
	01.76- 01.79	110234#	14 80			
Bonneville 6.6 Safari	01.79- 01.79	110505	14 75	01.79- 01.79	110218	12
	01.79- 01.79	110234#	14 80			
Bonneville 6.9	01.63- 01.65	110075	14 60	01.63- 01.65	110218	12
Bonneville 7.0	01.67- 01.69	110075	14 60	01.67- 01.69	110218	12
Bonneville 7.5	01.72- 01.76	110505	14 75	01.70- 01.76	110218	12
	01.73- 01.76	110234#	14 80			
	01.70- 01.71	110075	14 60			



Bonneville 7.5 Brougham	01.76- 01.76	110505	14	75	01.76- 01.76	110218	12	
	01.76- 01.76	110234#	14	80				
Catalina 3.8	01.77- 01.81	110505	14	75				
	01.80-	110235	14	80				
Catalina 4.1	01.77-	110505	14	75				
Catalina 4.3	01.80- 01.81	110505	14	75				
	01.80- 01.81	110235	14	80				
Catalina 4.4	01.80-	110505	14	75				
	01.80-	110235	14	80				
Catalina 4.4 Safari	01.80-	110505	14	75				
	01.80-	110235	14	80				
Catalina 4.9	01.77- 01.80	110505	14	75				
Catalina 4.9 Safari	01.77- 01.80	110505	14	75				
Catalina 5.0	01.80- 01.81	110505	14	75				
	01.80- 01.81	110235	14	80				
Catalina 5.0 Safari	01.80- 01.81	110505	14	75				
	01.80- 01.81	110235	14	80				
Catalina 5.7	01.72- 01.80	110505	14	75	01.77- 01.80	110218	12	
	01.80- 01.80	110235	14	80				
	01.77- 01.79	110234#	14	80				
	01.78- 01.79	110233	14	63				
	01.70- 01.71	110075	14	60				
Catalina 5.7 Safari	01.80- 01.80	110235	14	80	01.80- 01.80	110218	12	
	01.72- 01.80	110505	14	75				
	01.78- 01.80	110233	14	63				
	01.77- 01.80	110234#	14	80				
Catalina 5.7 Ventura	01.70- 01.70	110075	14	60				
Catalina 5.7	01.80- 01.81	110235	14	80				
	01.80- 01.81	110505	14	75				
Catalina 5.7 Safari	01.80- 01.81	110235	14	80				
	01.80- 01.81	110505	14	75				
Catalina 6.4	01.63- 01.66	110075	14	60	01.59- 01.62	110216	12	1.4
Catalina 6.6	01.73- 01.78	110234#	14	80	01.68- 01.78	110218	12	
	01.72- 01.78	110505	14	75				
	01.68- 01.71	110075	14	60				
Catalina 6.6 Brougham	01.71- 01.72	110505	14	75	01.71- 01.72	110218	12	
Catalina 6.6 Safari	01.73- 01.79	110234#	14	80	01.71- 01.79	110218	12	
	01.71- 01.79	110505	14	75				
Catalina 6.6 Ventura	01.68- 01.70	110075	14	60	01.68- 01.70	110218	12	
Catalina 6.9	01.63- 01.66	110075	14	60	01.63- 01.66	110218	12	
Catalina 7.0	01.67- 01.69	110075	14	60	01.67- 01.69	110218	12	
Catalina 7.0 Ventura	01.68- 01.69	110075	14	60	01.68- 01.69	110218	12	
Catalina 7.5	01.72- 01.76	110505	14	75	01.70- 01.76	110218	12	
	01.70- 01.70	110075	14	60				
Catalina 7.5 Brougham	01.72- 01.72	110505	14	75	01.72- 01.72	110218	12	
Catalina 7.5 Safari	01.71- 01.76	110505	14	75	01.71- 01.76	110218	12	
Catalina 7.5 Ventura	01.70- 01.70	110075	14	60	01.70- 01.70	110218	12	
Executive 5.7	01.70- 01.70	110075	14	60				
Executive 5.7 Safari	01.70- 01.70	110075	14	60				
Executive 6.6	01.67- 01.70	110075	14	60	01.67- 01.70	110218	12	
Executive 6.6 Safari	01.68- 01.70	110075	14	60	01.68- 01.70	110218	12	
Executive 7.0	01.67- 01.69	110075	14	60	01.67- 01.69	110218	12	
Executive 7.0 Safari	01.68- 01.69	110075	14	60	01.68- 01.69	110218	12	
Executive 7.5	01.70- 01.70	110075	14	60	01.70- 01.70	110218	12	
Executive 7.5 Safari	01.70- 01.70	110075	14	60	01.70- 01.70	110218	12	
Fiero 2.5	01.84- 01.88	110505	14	75	01.84- 01.88	112911	12	1.6
	01.84- 01.88	110471	14	94				
Fiero 2.5 SE	01.84- 01.87	110471	14	94	01.84- 01.87	112911	12	1.6
	01.84- 01.87	110505	14	75				
Fiero 2.5 Sport	01.84- 01.87	110505	14	75	01.84- 01.87	112911	12	1.6
	01.84- 01.87	110471	14	94				
Fiero 2.8	01.88- 01.88	110502	14	100/105	01.88- 01.88	112911	12	1.6
Fiero 2.8 GT	01.85- 01.88	110233	14	63	01.85- 01.88	112911	12	1.6
	01.85- 01.88	110471	14	94				
	01.85- 01.88	110505	14	75				
Fiero 2.8 SE	01.85- 01.87	110471	14	94	01.85- 01.87	112911	12	1.6
	01.85- 01.87	110233	14	63				
	01.85- 01.87	110505	14	75				
Fiero 2.8 Sport	01.85- 01.85	110233	14	63	01.85- 01.85	112911	12	1.6
	01.85- 01.85	110471	14	94				
	01.85- 01.85	110505	14	75				
Firebird 2.5	01.83-	110471	14	94	01.86- 01.86	110221	12	1.2
	01.82- 01.85	110505	14	75				
	01.82- 01.85	110235	14	80				
Firebird 2.5 S/E	01.82- 01.84	110235	14	80				
	01.82- 01.84	110505	14	75				
Firebird 2.8	01.85- 01.89	110508	14	78	01.85- 01.89	111034	12	1.2
	01.85- 01.89	110492	14	108				
	01.85- 01.89	110471	14	94				
	01.87- 01.89	110499	14	100/105				
	01.82- 01.84	110505	14	75				
	01.82- 01.84	110235	14	80				
Firebird 2.8 S/E	01.82- 01.84	110505	14	75	01.85- 01.86	111034	12	1.2
	01.83- 01.86	110508	14	78				
	01.82- 01.82	110235	14	80				
	01.85- 01.86	110471	14	94				
	01.85- 01.86	110492	14	108				
Firebird 3.1	01.90- 01.92	110499	14	100/105	01.90- 01.92	111034	12	1.2
Firebird 3.4	01.93- 01.95	111854	14	105	01.93- 01.95	111034	12	1.2

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



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Firebird 3.8	01.77- 01.81	110505	14 75		
	01.67- 01.67	110075	14 60	01.95- 01.97	112898 12 1.6
	01.95- 01.97	112615	14 105		
Firebird 3.8 Esprit	01.77- 01.81	110505	14 75		
Firebird 3.8 Formula	01.81- 01.81	110505	14 75		
	01.81- 01.81	110235	14 80		
Firebird 4.1	01.70- 01.76	110505	14 75		
	01.72- 01.76	110234#	14 80		
	01.68- 01.69	110075	14 60		
Firebird 4.1 Esprit	01.75- 01.76	110505	14 75	01.75- 01.76	110216 12 1.4
Firebird 4.3	01.80- 01.81	110233	14 63		
	01.80- 01.81	110235	14 80		
	01.80- 01.81	110505	14 75		
	01.80- 01.80	110492	14 108		
Firebird 4.3 Esprit	01.80- 01.81	110233	14 63		
	01.80- 01.81	110235	14 80		
	01.80- 01.81	110505	14 75		
	01.80- 01.80	110492	14 108		
	01.81- 01.81	110235	14 80		
Firebird 4.3 Formula	01.81- 01.81	110233	14 63		
	01.81- 01.81	110505	14 75		
	01.81- 01.81	110505	14 75		
Firebird 4.4	01.81-	110505	14 75	01.80- 01.81	110414 12
	01.81-	110235	14 80		
Firebird 4.4 Esprit	01.81-	110505	14 75		
	01.81-	110235	14 80		
Firebird 4.4 Formula	01.81-	110235	14 80		
	01.81-	110505	14 75		
Firebird 4.4 Trans Am	01.81-	110505	14 75		
	01.81-	110235	14 80		
Firebird 4.9	01.77- 01.81	110505	14 75		
Firebird 4.9 Esprit	01.77- 01.81	110505	14 75		
Firebird 4.9 Formula	01.77- 01.81	110505	14 75		
Firebird 4.9 Trans Am	01.79- 01.81	110505	14 75		
Firebird 4.9 Turbo Formula	01.80- 01.81	110233	14 63		
	01.80- 01.81	110235	14 80		
	01.80- 01.81	110505	14 75		
Firebird 4.9 Turbo Trans Am	01.80- 01.81	110233	14 63		
	01.80- 01.81	110235	14 80		
	01.80- 01.81	110505	14 75		
	01.80- 01.81	110505	14 75		
Firebird 5.0	01.77- 01.87	110505	14 75	01.85- 01.90	112910 12
	01.90- 01.92	112629	14 100/105	01.80- 01.84	110414 12
	01.82- 01.84	110235	14 80	01.77- 01.79	110216 12 1.4
	01.80- 01.80	110233	14 63		
	01.91- 01.92	112640	14 100/105		
	01.88- 01.90	110985	14 100/105		
	01.87- 01.88	110498	14 100/105		
	01.85- 01.87	110508	14 78		
	01.85- 01.87	110471	14 94		
	01.85- 01.87	110508	14 78		
Firebird 5.0 Esprit	01.77- 01.80	110505	14 75	01.80- 01.80	110414 12
	01.90- 01.92	112629	14 100/105	01.77- 01.79	110216 12 1.4
	01.80- 01.80	110233	14 63		
Firebird 5.0 Formula	01.77- 01.81	110505	14 75	01.81- 01.81	111258 12
	01.90- 01.92	112629	14 100/105	01.77- 01.81	110216 12 1.4
	01.81- 01.81	110235	14 80	01.80- 01.80	110414 12
	01.80- 01.80	110233	14 63		
	01.91- 01.92	112640	14 100/105	01.89- 01.90	112910 12
Firebird 5.0 S/E	01.89- 01.90	110985	14 100/105		
	01.82- 01.86	110505	14 75	01.82- 01.84	110414 12
	01.82- 01.84	110235	14 80	01.85- 01.86	112910 12
	01.90- 01.92	112629	14 100/105		
	01.85- 01.86	110471	14 94		
Firebird 5.0 Trans Am	01.85- 01.86	110508	14 78		
	01.83- 01.87	110471	14 94	01.84- 01.90	112910 12
	01.90- 01.92	112629	14 100/105	01.80- 01.84	110414 12
	01.81- 01.83	110235	14 80	01.81- 01.82	110216 12 1.4
	01.80- 01.87	110505	14 75	01.81- 01.82	111258 12
	01.80- 01.80	110233	14 63		
	01.91- 01.92	112640	14 100/105		
	01.88- 01.89	110985	14 100/105		
	01.85- 01.87	110508	14 78		
	01.85- 01.90	110492	14 108		
Firebird 5.0 Trans Am GTA	01.91- 01.92	112640	14 100/105		
	01.90- 01.92	112629	14 100/105	01.89- 01.90	112910 12
	01.89- 01.90	110985	14 100/105		
Firebird 5.3	01.67- 01.67	110075	14 60	01.67- 01.67	110218 12
Firebird 5.7	01.90- 01.92	112629	14 100/105	01.78- 01.79	110216 12 1.4
	01.68- 01.71	110075	14 60	01.78- 01.79	111258 12
	01.72- 01.79	110505	14 75		
	01.72- 01.77	110234#	14 80	01.68- 01.77	110218 12
	01.87- 01.88	110498	14 100/105	01.93- 12.94	112897 12 1.7
Firebird 5.7 Esprit	01.70- 01.79	110505	14 75	01.78- 01.79	110216 12 1.4
	01.70- 01.77	110234#	14 80	01.78- 01.79	111258 12
	01.90- 01.92	112629	14 100/105		
				01.70- 01.77	110218 12
Firebird 5.7 Firehawk	01.90- 01.92	112629	14 100/105	01.98- 01.98	112898 12 1.6
				01.98- 12.00	112906 12 1.7



Firebird 5.7 Formula	01.72- 01.79	110505	14	75	01.98- 01.02	112898	12	1.6
	01.90- 01.92	112629	14	100/105	01.95- 01.97	112897	12	1.7
	01.72- 01.77	110234#	14	80				
	01.95- 01.97	112888	14	140	01.78- 01.79	110216	12	1.4
	01.89- 01.92	110985	14	100/105	01.78- 01.79	111258	12	
Firebird 5.7 Trans Am					01.72- 01.77	110218	12	
	01.70- 01.75	110505	14	75	01.98- 01.02	112898	12	1.6
	01.70- 01.75	110234#	14	80	01.96- 01.97	112897	12	1.7
	01.90- 01.92	112629	14	100/105				
	01.93- 01.97	112888	14	140				
Firebird 5.7 Trans Am GT	01.87- 01.92	110498	14	100/105	01.70- 01.75	110218	12	
	01.94- 01.94	112888	14	140				
Firebird 5.7 Trans Am GTA	01.90- 01.92	112629	14	100/105				
	01.89- 01.92	110985	14	100/105				
Firebird 6.6	01.90- 01.92	112629	14	100/105				
	01.67- 01.70	110075	14	60	01.67- 01.77	110218	12	
	01.74- 01.77	110505	14	75				
Firebird 6.6 Esprit	01.74- 01.75	110234#	14	80				
	01.70- 01.76	110505	14	75	01.70- 01.76	110218	12	
Firebird 6.6 Formula	01.72- 01.74	110234#	14	80				
	01.70- 01.79	110505	14	75	01.70- 01.79	110218	12	
Firebird 6.6 Trans Am	01.72- 01.75	110234#	14	80				
	01.70- 01.79	110505	14	75	01.70- 01.79	110218	12	
Firebird 7.5 Esprit	01.72- 01.75	110234#	14	80				
	01.71- 01.71	110505	14	75	01.71- 01.71	110218	12	
Firebird 7.5 Formula	01.71- 01.74	110505	14	75	01.71- 01.74	110218	12	
	01.71- 01.74	110234#	14	80				
Firebird 7.5 Trans Am	01.71- 01.76	110505	14	75	01.71- 01.76	110218	12	
	01.71- 01.76	110234#	14	80				
Firefly 1.0	01.89-	111279	14	50	01.85- 01.86	111310	12	0.8
	01.89-	110967	14	50				
	01.87-	110965	14	50				
Firefly 1.0 FE					01.86- 01.86	111310	12	0.8
Firefly 1.0 LE	01.91-	111279	14	50				
	01.91-	110967	14	50				
Firefly 1.0 Turbo	01.89-	111279	14	50				
	01.89-	110967	14	50				
Firefly 1.3	01.87-	110965	14	50				
	01.95-	111279	14	50				
Grand Am 2.2	[L61]				01.02- 12.02	112899	12	1.4
Grand Am 2.3	01.88- 01.88	110499	14	100/105				
	01.88- 01.88	112448	14	100				
Grand Am 2.3 LE	01.88- 01.91	110499	14	100/105				
	01.88- 01.91	112448	14	100				
	01.88- 01.95	110499	14	100/105				
	01.88- 01.95	112448	14	100				
Grand Am 2.4	01.99- 01.01	112868	14	102	01.99- 01.01	112907#	12	1.7
					01.99- 12.99	112900	12	1.4
Grand Am 2.5	01.85- 01.91	110471	14	94				
Grand Am 2.5 LE	01.85- 01.91	110508	14	78				
	01.85- 01.91	110471	14	94				
Grand Am 3.0	01.86- 01.87	110502	14	100/105	01.85- 01.87	110221	12	1.2
	01.85- 01.85	110471	14	94				
	01.85- 01.85	110492	14	108				
Grand Am 3.0 LE	01.86- 01.87	110502	14	100/105	01.85- 01.87	110221	12	1.2
	01.85- 01.85	110471	14	94				
	01.85- 01.85	110492	14	108				
Grand Am 3.0 SE	01.86- 01.87	110502	14	100/105	01.86- 01.87	110221	12	1.2
Grand Am 3.1 GT					01.94- 01.98	112911	12	1.6
Grand Am 3.1 SE					01.94- 01.98	112911	12	1.6
Grand Am 3.3 GT					01.92- 01.93	110221	12	1.2
Grand Am 3.3 SE					01.92- 01.93	110221	12	1.2
Grand Am 3.4					01.99- 01.00	112900	12	1.4
Grand Am 3.8	01.79- 01.79	110505	14	75				
Grand Am 4.9	01.78- 01.80	110505	14	75				
Grand Am 5.0	01.79- 01.80	110234#	14	80	01.78- 01.80	110414	12	
	01.78- 01.80	110505	14	75				
Grand Am 5.7	01.73- 01.75	110505	14	75				
	01.73- 01.75	110234#	14	80				
Grand Am 6.6	01.73- 01.75	110505	14	75	01.73- 01.75	110218	12	
	01.73- 01.75	110234#	14	80				
Grand Am 7.5	01.73- 01.75	110505	14	75	01.73- 01.75	110218	12	
	01.73- 01.75	110234#	14	80				
Grand Lemans 3.3 LE	01.78-	110233	14	63				
Grand Lemans 3.8	01.77- 01.81	110505	14	75				
	01.80- 01.81	110235	14	80	01.80- 01.80	110414	12	
	01.83-	110508	14	78				
Grand Lemans 3.8 BR	01.80- 01.81	110233	14	63				
	01.82-	110505	14	75				
	01.82-	110235	14	80				
Grand Lemans 3.8 LE	01.83-	110508	14	78				
	01.81- 01.81	110233	14	63				
	01.81- 01.81	110235	14	80				
Grand Lemans 3.8 Safari	01.81- 01.81	110505	14	75				
	01.80- 01.80	110233	14	63	01.80- 01.80	110414	12	
	01.80- 01.80	110235	14	80				
	01.78- 01.81	110505	14	75				

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O.E.M. names and numbers are used for reference purposes only.





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Grand Lemans 4.1	01.75- 01.76	110505	14 75	01.75- 01.76	110216	12 1.4
	01.82-	110235	14 80			
Grand Lemans 4.1 LE	01.77-	110505	14 75			
Grand Lemans 4.3	01.80- 01.81	110235	14 80			
	01.76- 01.81	110505	14 75			
Grand Lemans 4.3 Safari	01.80- 01.81	110235	14 80			
	01.80- 01.81	110505	14 75			
Grand Lemans 4.4	01.80-	110235	14 80			
	01.80-	110505	14 75			
Grand Lemans 4.4 BR	01.82-	110505	14 75			
	01.82-	110235	14 80			
Grand Lemans 4.4 LE	01.79-	110505	14 75			
	01.80-	110235	14 80			
Grand Lemans 4.4 SA	01.81-	110235	14 80			
	01.81-	110505	14 75			
Grand Lemans 4.9	01.77- 01.80	110505	14 75			
Grand Lemans 4.9 Safari	01.77- 01.81	110505	14 75			
Grand Lemans 5.0	01.77- 01.80	110505	14 75	01.79- 01.80	110414	12
	01.83-	110471	14 94			
	01.82-	110235	14 80			
	01.77- 01.80	110234#	14 80			
Grand Lemans 5.0 BR	01.76-	110505	14 75			
	01.83-	110471	14 94			
Grand Lemans 5.0 LE	01.81- 01.81	110505	14 75	01.81- 01.81	110414	12
	01.81- 01.81	110235	14 80			
Grand Lemans 5.0 SA	01.81- 01.81	110235	14 80	01.78- 01.81	110414	12
	01.78- 01.81	110505	14 75			
	01.78- 01.78	110234#	14 80			
Grand Lemans 5.0 Safari	01.78- 01.80	110234#	14 80	01.78- 01.80	110414	12
	01.78- 01.80	110505	14 75			
Grand Lemans 5.7	01.77- 01.77	110233	14 63			
	01.75- 01.77	110505	14 75			
	01.75- 01.77	110234#	14 80			
Grand Lemans 5.7 LE	01.76- 01.76	110505	14 75			
	01.76- 01.76	110234#	14 80			
Grand Lemans 5.7 SA	01.78- 01.78	110505	14 75	01.78- 01.78	110216	12 1.4
	01.78- 01.78	110234#	14 80	01.78- 01.78	111258	12
Grand Lemans 5.7 Safari	01.77- 01.79	110505	14 75	01.78- 01.79	111258	12
	01.78- 01.79	110234#	14 80	01.78- 01.79	110216	12 1.4
	01.77- 01.77	110233	14 63			
Grand Lemans 5.7	01.83-	110508	14 78			
	01.83-	110471	14 94			
	01.82-	110505	14 75			
	01.82-	110235	14 80			
Grand Lemans 6.6	01.77- 01.77	110233	14 63	01.75- 01.77	110218	12
	01.75- 01.77	110505	14 75			
	01.75- 01.77	110234#	14 80			
Grand Lemans 6.6 Safari	01.75- 01.77	110505	14 75	01.75- 01.77	110218	12
	01.75- 01.77	110234#	14 80			
	01.77- 01.77	110233	14 63			
Grand Lemans 7.5	01.75- 01.76	110505	14 75	01.75- 01.76	110218	12
	01.75- 01.76	110234#	14 80			
Grand Prix 2.8				01.88- 01.89	112911	12 1.6
Grand Prix 2.8 LE				01.88- 01.89	112911	12 1.6
Grand Prix 2.8 SE				01.88- 01.89	112911	12 1.6
Grand Prix 3.1				01.98- 01.00	112900	12 1.4
				01.89- 01.89	112911	12 1.6
Grand Prix 3.1 GT				01.91- 01.93	112911	12 1.6
Grand Prix 3.1 LE				01.89- 01.93	112911	12 1.6
Grand Prix 3.1 SE				01.98- 01.98	112900	12 1.4
				01.89- 01.97	112911	12 1.6
Grand Prix 3.1 STE				01.90- 01.93	112911	12 1.6
Grand Prix 3.1 Turbo McLaren				01.90- 01.90	112911	12 1.6
Grand Prix 3.1 Turbo SE				01.89- 01.89	112911	12 1.6
Grand Prix 3.1 Turbo STE				01.90- 01.90	112911	12 1.6
Grand Prix 3.4	01.92-	110499	14 100/105			
Grand Prix 3.4 GT				01.96- 01.96	112898	12 1.6
Grand Prix 3.4 LE	01.92- 01.93	110499	14 100/105			
	01.92- 01.93	112448	14 100			
Grand Prix 3.8	01.83- 01.87	110235	14 80			
	01.83- 01.87	110471	14 94			
	01.78- 01.87	110505	14 75			
	01.83- 01.83	110508	14 78			
Grand Prix 3.8 Brougham	01.83- 01.87	110471	14 94			
	01.81- 01.87	110505	14 75			
	01.81- 01.87	110235	14 80			
	01.83- 01.83	110508	14 78			
Grand Prix 3.8 GT	01.97- 01.97	112615	14 105	01.97- 01.97	112898	12 1.6
Grand Prix 3.8 LE	01.84- 01.87	110505	14 75			
	01.84- 01.87	110471	14 94			
	01.84- 01.87	110235	14 80			
Grand Prix 3.8 LJ	01.83- 01.83	110235	14 80			
	01.83- 01.83	110508	14 78			
	01.83- 01.83	110471	14 94			
	01.79- 01.83	110505	14 75			
Grand Prix 3.8 SE	01.97- 01.97	112615	14 105	01.97- 01.97	112898	12 1.6
Grand Prix 3.8 SJ	01.79- 01.79	110505	14 75			
Grand Prix 3.8 Super				01.99- 01.02	112898	12 1.6
Grand Prix 3.8 Super GTP	01.97- 01.97	112615	14 105	01.97- 01.98	112898	12 1.6



Grand Prix 4.1	01.82- 01.82	110505	14	75				
	01.82- 01.82	110235	14	80				
Grand Prix 4.1 Brougham	01.82- 01.82	110505	14	75				
	01.82- 01.82	110235	14	80				
Grand Prix 4.1 LJ	01.82- 01.82	110235	14	80				
	01.82- 01.82	110505	14	75				
Grand Prix 4.3	01.86- 01.87	110471	14	94				
	01.86- 01.87	110508	14	78				
	01.86- 01.87	110233	14	63				
	01.80- 01.87	110505	14	75				
	01.80- 01.81	110235	14	80				
Grand Prix 4.3 Brougham	01.86- 01.87	110233	14	63				
	01.86- 01.87	110508	14	78				
	01.86- 01.87	110471	14	94				
	01.81- 01.87	110505	14	75				
	01.81- 01.81	110235	14	80				
Grand Prix 4.3 LE	01.86- 01.87	110471	14	94				
	01.86- 01.87	110233	14	63				
	01.86- 01.87	110508	14	78				
	01.86- 01.87	110505	14	75				
Grand Prix 4.3 LJ	01.80- 01.81	110505	14	75				
	01.80- 01.81	110235	14	80				
Grand Prix 4.4	01.81- 01.82	110235	14	80				
	01.81- 01.82	110505	14	75				
Grand Prix 4.4 Brougham	01.81- 01.82	110235	14	80				
	01.81- 01.82	110505	14	75				
Grand Prix 4.4 LJ	01.81- 01.82	110235	14	80				
	01.81- 01.82	110505	14	75				
Grand Prix 4.9	01.77- 01.80	110505	14	75				
Grand Prix 4.9 LJ	01.77- 01.80	110505	14	75				
Grand Prix 4.9 SJ	01.78- 01.80	110505	14	75				
Grand Prix 5.0	01.85- 01.87	110471	14	94				
	01.78- 01.86	110505	14	75	01.78- 01.84	110414	12	
	01.79- 01.84	110234#	14	80				
Grand Prix 5.0 Brougham	01.83- 01.87	110471	14	94				
	01.83- 01.86	110505	14	75	01.83- 01.84	110414	12	
Grand Prix 5.0 LE	01.84- 01.87	110505	14	75				
	01.84- 01.87	110471	14	94				
Grand Prix 5.0 LJ	01.79- 01.83	110234#	14	80	01.78- 01.83	110414	12	
	01.78- 01.83	110505	14	75				
Grand Prix 5.0 SJ	01.78- 01.80	110505	14	75	01.78- 01.80	110414	12	
	01.79- 01.80	110234#	14	80				
Grand Prix 5.7	01.77- 01.77	110233	14	63				
	01.76- 01.77	110505	14	75				
	01.76- 01.77	110234#	14	80				
Grand Prix 5.7 LJ	01.77- 01.77	110233	14	63				
	01.77- 01.77	110505	14	75	01.77- 01.77	110218	12	
	01.77- 01.77	110234#	14	80				
Grand Prix 5.7	01.83- 01.84	110471	14	94				
	01.83- 01.84	110508	14	78				
	01.81- 01.83	110505	14	75				
	01.81- 01.82	110235	14	80				
Grand Prix 5.7 Brougham	01.83- 01.84	110471	14	94				
	01.83- 01.84	110508	14	78				
	01.81- 01.83	110505	14	75				
	01.81- 01.82	110235	14	80				
Grand Prix 5.7 LE	01.84- 01.84	110471	14	94				
	01.84- 01.84	110508	14	78				
Grand Prix 5.7 LJ	01.83- 01.83	110508	14	78				
	01.83- 01.83	110471	14	94				
	01.81- 01.83	110505	14	75				
	01.81- 01.82	110235	14	80				
Grand Prix 6.4	01.62- 01.66	110075	14	60	01.62- 01.66	110218	12	
Grand Prix 6.6	01.77- 01.77	110233	14	63	01.68- 01.77	110218	12	
	01.72- 01.77	110505	14	75				
	01.75- 01.77	110234#	14	80				
	01.68- 01.71	110075	14	60				
Grand Prix 6.6 LJ	01.77- 01.77	110505	14	75	01.77- 01.77	110218	12	
	01.77- 01.77	110234#	14	80				
	01.77- 01.77	110233	14	63				
Grand Prix 6.6 SJ	01.77- 01.77	110505	14	75	01.77- 01.77	110218	12	
	01.77- 01.77	110234#	14	80				
	01.77- 01.77	110233	14	63				
Grand Prix 6.9	01.63-	110075	14	60				
Grand Prix 7.0	01.68- 01.69	110075	14	60	01.68- 01.69	110218	12	
Grand Prix 7.5	01.73- 01.76	110234#	14	80	01.70- 01.76	110218	12	
	01.70- 01.76	110505	14	75				
Grand Safari 4.9	01.77- 01.78	110505	14	75				
Grand Safari 5.7	01.77- 01.78	110234#	14	80				
	01.77- 01.78	110505	14	75				
Grand Safari 6.6	01.71- 01.78	110505	14	75	01.71- 01.78	110218	12	
	01.73- 01.78	110234#	14	80				
Grand Safari 7.5	01.71- 01.76	110505	14	75	01.71- 01.76	110218	12	
Grandville 6.6	01.71- 01.73	110234#	14	80	01.71- 01.73	110218	12	
	01.71- 01.73	110505	14	75				
Grandville 6.6 Brougham	01.75- 01.75	110505	14	75	01.75- 01.75	110218	12	
	01.75- 01.75	110234#	14	80				
Grandville 7.5	01.71- 01.74	110505	14	75	01.71- 01.74	110218	12	
	01.71- 01.74	110234#	14	80				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**PONTIAC** *Continued*

Grandville 7.5 Brougham	01.75- 01.75	110505	14 75	01.75- 01.75	110218	12
	01.75- 01.75	110234#	14 80			
GTO 3.5	01.64- 01.64	110075	14 60			
GTO 5.3	01.64- 01.66	110075	14 60			
GTO 5.7	01.70- 01.70	110075	14 60			
GTO 6.4	01.64- 01.66	110075	14 60			
GTO 6.6	01.67- 01.71	110075	14 60	01.67- 01.71	110218	12
GTO 7.5	01.70- 01.71	110075	14 60	01.70- 01.71	110218	12
J2000 1.8	01.82- 01.83	110235	14 80			
	01.82- 01.83	110505	14 75			
J2000 1.8 Sunbird	01.84- 01.84	110471	14 94			
	01.84- 01.84	110508	14 78			
J2000 1.8 Sunbird LE	01.84- 01.84	110508	14 78			
	01.84- 01.84	110471	14 94			
J2000 1.8 Turbo Sunbird	01.84- 01.84	110508	14 78			
	01.84- 01.84	110471	14 94			
J2000 1.8 Turbo Sunbird LE	01.84- 01.84	110508	14 78			
	01.84- 01.84	110471	14 94			
J2000 1.8 Turbo Sunbird SE	01.84- 01.84	110471	14 94			
	01.84- 01.84	110508	14 78			
J2000 2.0	01.83- 01.84	110492	14 108	01.84- 01.84	112911	12 1.6
J2000 2.0 Sunbird	01.84- 01.84	110492	14 108	01.84- 01.84	112911	12 1.6
J2000 2.0 Sunbird LE	01.84- 01.84	110492	14 108	01.84- 01.84	112911	12 1.6
Laurentian 3.8	01.80-	110235	14 80			
	01.81-	110505	14 75			
	01.80-	110233	14 63			
Laurentian 4.1	01.77-	110505	14 75			
Laurentian 4.3	01.81-	110505	14 75			
Laurentian 4.4	01.80-	110505	14 75			
	01.80-	110235	14 80			
Laurentian 4.4 Safari	01.80-	110505	14 75			
	01.80-	110235	14 80			
Laurentian 5.0	01.77-	110505	14 75			
	01.80-	110235	14 80			
	01.79-	110234#	14 80			
Laurentian 5.0 Safari	01.80-	110235	14 80			
	01.80-	110505	14 75			
Laurentian 5.7	01.77-	110505	14 75			
	01.78-	110234#	14 80			
Laurentian 5.7	01.80-	110505	14 75			
	01.81-	110235	14 80			
	01.80-	110234#	14 80			
Laurentian 6.6	01.76-	110505	14 75			
	01.76-	110234#	14 80			
Laurentian 7.5	01.76-	110505	14 75			
	01.76-	110234#	14 80			
Lemans 1.6				01.88- 01.89	111127	12 1.4
				01.88- 01.88	111055	12 0.7
Lemans 1.6 Aerocoupe				01.88- 01.88	111127	12 1.4
				01.88- 01.88	111055	12 0.7
Lemans 1.6 LE				01.90- 01.91	111127	12 1.4
Lemans 1.6 LE Aerocoupe				01.90- 01.91	111127	12 1.4
Lemans 1.6 SE				01.88- 01.88	111127	12 1.4
				01.88- 01.88	111055	12 0.7
Lemans 1.6 Value Leader				01.90- 01.93	111127	12 1.4
Lemans 1.6 YL Aerocoupe				01.88- 01.89	111127	12 1.4
				01.88- 01.88	111055	12 0.7
Lemans 3.3	01.78-	110233	14 63			
Lemans 3.3 Safari	01.79-	110233	14 63			
Lemans 3.5	01.64- 01.65	110075	14 60			
Lemans 3.8	01.77- 01.81	110505	14 75			
	01.80- 01.81	110235	14 80	01.80- 01.80	110414	12
	01.80- 01.81	110233	14 63			
	01.66- 01.67	110075	14 60			
Lemans 3.8 Safari	01.78- 01.81	110505	14 75			
	01.80- 01.80	110233	14 63	01.80- 01.80	110414	12
	01.80- 01.80	110235	14 80			
Lemans 3.8 Sport	01.77- 01.77	110505	14 75			
Lemans 4.1	01.68- 01.71	110075	14 60			
	01.72- 01.76	110505	14 75			
	01.72- 01.76	110234#	14 80			
Lemans 4.1 Safari	01.69- 01.69	110075	14 60			
	01.73- 01.73	110505	14 75			
	01.73- 01.73	110234#	14 80			
Lemans 4.1 Sport	01.70- 01.71	110075	14 60			
	01.73- 01.76	110234#	14 80			
	01.73- 01.76	110505	14 75			
Lemans 4.1 T37	01.71- 01.71	110075	14 60			
Lemans 4.3	01.76- 01.81	110505	14 75			
	01.80- 01.81	110235	14 80			
Lemans 4.3 Safari	01.80- 01.81	110505	14 75			
	01.80- 01.81	110235	14 80			
Lemans 4.3 Sport	01.76- 01.76	110505	14 75			
Lemans 4.4	01.79-	110505	14 75			
	01.80-	110235	14 80			
Lemans 4.4 Safari	01.79-	110505	14 75			
	01.80-	110235	14 80			
Lemans 4.9	01.77- 01.80	110505	14 75			
Lemans 4.9 Safari	01.77- 01.81	110505	14 75			



Lemans 4.9 Sport	01.77- 01.77	110505	14	75				
Lemans 5.0	01.76- 01.81	110505	14	75	01.79- 01.81	110414	12	
	01.77- 01.80	110234#	14	80				
	01.81- 01.81	110235	14	80				
Lemans 5.0 Safari	01.78- 01.81	110505	14	75	01.78- 01.81	110414	12	
	01.78- 01.80	110234#	14	80				
	01.81- 01.81	110235	14	80				
Lemans 5.0 Sport	01.76- 01.77	110505	14	75				
	01.77- 01.77	110234#	14	80				
Lemans 5.3	01.63- 01.67	110075	14	60				
Lemans 5.7	01.72- 01.77	110505	14	75				
	01.72- 01.77	110234#	14	80				
	01.68- 01.71	110075	14	60				
	01.77- 01.77	110233	14	63				
Lemans 5.7 Safari	01.73- 01.79	110234#	14	80				
	01.73- 01.79	110505	14	75	01.78- 01.79	110216	12	1.4
	01.69- 01.69	110075	14	60	01.78- 01.79	111258	12	
	01.77- 01.77	110233	14	63				
Lemans 5.7 Sport	01.73- 01.77	110505	14	75				
	01.73- 01.77	110234#	14	80				
	01.70- 01.71	110075	14	60				
	01.77- 01.77	110233	14	63				
Lemans 5.7 T37	01.71- 01.71	110075	14	60				
Lemans 6.4	01.64- 01.65	110075	14	60	01.64- 01.65	110218	12	
Lemans 6.6	01.72- 01.77	110234#	14	80	01.68- 01.77	110218	12	
	01.72- 01.77	110505	14	75				
	01.68- 01.71	110075	14	60				
	01.77- 01.77	110233	14	63				
Lemans 6.6 Safari	01.73- 01.77	110505	14	75	01.69- 01.77	110218	12	
	01.73- 01.77	110234#	14	80				
	01.69- 01.69	110075	14	60				
	01.77- 01.77	110233	14	63				
Lemans 6.6 Sport	01.73- 01.77	110505	14	75	01.70- 01.77	110218	12	
	01.73- 01.77	110234#	14	80				
	01.70- 01.71	110075	14	60				
	01.77- 01.77	110233	14	63				
Lemans 7.0	01.68- 01.69	110075	14	60	01.68- 01.69	110218	12	
Lemans 7.0 Safari	01.69- 01.69	110075	14	60	01.69- 01.69	110218	12	
Lemans 7.5	01.70- 01.70	110075	14	60	01.70- 01.76	110218	12	
	01.72- 01.76	110505	14	75				
	01.72- 01.76	110234#	14	80				
Lemans 7.5 Safari	01.73- 01.76	110505	14	75	01.73- 01.76	110218	12	
	01.73- 01.76	110234#	14	80				
Lemans 7.5 Sport	01.73- 01.76	110234#	14	80	01.70- 01.76	110218	12	
	01.73- 01.76	110505	14	75				
	01.70- 01.70	110075	14	60				
Montana 3.4					01.99- 01.02	112900	12	1.4
Parisienne 3.8	01.81- 01.85	110505	14	75				
	01.80-	110235	14	80				
	01.80- 01.85	110233	14	63				
	01.83- 01.85	110471	14	94				
	01.84- 01.84	110508	14	78				
Parisienne 3.8 Brougham	01.83- 01.85	110471	14	94				
	01.83- 01.85	110233	14	63	01.83- 01.83	110414	12	
	01.82- 01.85	110505	14	75				
	01.84- 01.84	110508	14	78				
	01.82-	110235	14	80				
Parisienne 4.1	01.77-	110505	14	75				
Parisienne 4.3	01.81- 01.86	110505	14	75				
	01.85- 01.86	110471	14	94				
	01.85- 01.86	110492	14	108				
	01.85- 01.86	110233	14	63				
Parisienne 4.3 Brougham	01.85- 01.86	110471	14	94				
	01.85- 01.86	110492	14	108				
	01.85- 01.86	110233	14	63				
	01.85- 01.86	110505	14	75				
Parisienne 4.4	01.80- 01.82	110235	14	80	01.82- 01.82	110414	12	
	01.80- 01.82	110505	14	75				
Parisienne 4.4 Brougham	01.82- 01.82	110505	14	75	01.82- 01.82	110414	12	
	01.82- 01.82	110235	14	80				
Parisienne 4.4 Safari	01.81- 01.82	110505	14	75	01.82- 01.82	110414	12	
	01.81- 01.82	110235	14	80				
Parisienne 5.0	01.80-	110235	14	80				
	01.77- 01.86	110505	14	75	01.83- 01.83	110414	12	
	01.79-	110234#	14	80				
	01.86- 01.86	110508	14	78				
	01.84- 01.86	110471	14	94				
	01.84- 01.86	110233	14	63				
Parisienne 5.0 Brougham	01.86- 01.86	110508	14	78	01.83- 01.83	110414	12	
	01.84- 01.86	110471	14	94				
	01.84- 01.86	110233	14	63				
	01.82- 01.86	110505	14	75				
	01.82-	110235	14	80				
Parisienne 5.0 Safari	01.80-	110235	14	80				
	01.80-	110505	14	75				
Parisienne 5.7	01.78-	110234#	14	80				
	01.77-	110505	14	75				
Parisienne 5.7 Safari	01.80-	110505	14	75				
	01.80-	110234#	14	80				

# STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



**Application list**

**PONTIAC** *Continued*

Parisienne 5.7	01.80- 01.83	110505	14 75				
	01.81- 01.82	110235	14 80				
	01.80-	110234#	14 80				
	01.83- 01.85	110471	14 94				
	01.84- 01.85	110508	14 78				
Parisienne 5.7 Brougham	01.83- 01.85	110471	14 94				
	01.84- 01.85	110508	14 78				
	01.82- 01.83	110505	14 75				
	01.82- 01.82	110235	14 80				
Parisienne 5.7 Safari	01.80-	110505	14 75				
	01.81-	110235	14 80				
	01.80-	110234#	14 80				
Parisienne 6.6	01.76-	110505	14 75				
	01.76-	110234#	14 80				
Parisienne 7.5	01.76-	110505	14 75				
	01.76-	110234#	14 80				
Phoenix 2.5	01.78- 01.84	110505	14 75	01.80- 01.81	110221	12 1.2	
	01.80- 01.84	110235	14 80	01.78- 01.78	110414	12	
	01.83-	110471	14 94				
	01.78- 01.78	110233	14 63				
Phoenix 2.5 LE	01.84- 01.84	110505	14 75	01.84- 01.84	110221	12 1.2	
	01.84- 01.84	110471	14 94	01.84- 01.84	112911	12 1.6	
Phoenix 2.5 LJ	01.83-	110471	14 94	01.80- 01.81	110221	12 1.2	
	01.78- 01.83	110505	14 75	01.78- 01.78	110414	12	
	01.80- 01.83	110235	14 80				
	01.78- 01.78	110233	14 63				
Phoenix 2.8	01.80- 01.84	110235	14 80	01.84- 01.84	112911	12 1.6	
	01.80- 01.84	110505	14 75	01.80- 01.84	110221	12 1.2	
	01.84- 01.84	110508	14 78				
Phoenix 2.8 LE	01.84- 01.84	110505	14 75	01.84- 01.84	112911	12 1.6	
	01.84- 01.84	110508	14 78				
Phoenix 2.8 LJ	01.80- 01.83	110505	14 75	01.80- 01.83	110221	12 1.2	
	01.80- 01.83	110235	14 80				
Phoenix 2.8 SE	01.84- 01.84	110508	14 78	01.84- 01.84	112911	12 1.6	
	01.84- 01.84	110505	14 75				
Phoenix 2.8 SJ	01.83- 01.83	110508	14 78	01.83- 01.83	112911	12 1.6	
	01.82- 01.83	110505	14 75				
	01.82- 01.82	110235	14 80				
Phoenix 3.8	01.77- 01.79	110505	14 75				
Phoenix 3.8 LJ	01.78- 01.79	110505	14 75				
Phoenix 5.0	01.77- 01.79	110505	14 75	01.77- 01.79	110216	12 1.4	
Phoenix 5.0 LJ	01.78- 01.79	110505	14 75	01.78- 01.79	110216	12 1.4	
Phoenix 5.7	01.77- 01.79	110505	14 75				
				01.78- 01.79	110216	12 1.4	
				01.78- 01.79	111258	12	
Phoenix 5.7 LJ	01.78- 01.79	110505	14 75	01.78- 01.79	110216	12 1.4	
				01.78- 01.79	111258	12	
Safari 4.1	01.68- 01.70	110075	14 60				
Safari 5.0	01.87- 01.89	110508	14 78				
	01.87- 01.89	110471	14 94				
Safari 5.7	01.68- 01.70	110075	14 60				
Safari 6.4	01.63- 01.65	110075	14 60	01.61- 01.62	110216	12 1.4	
				01.63- 01.65	110218	12	
Safari 6.6	01.70- 01.70	110075	14 60	01.70- 01.70	110218	12	
Safari 6.9	01.63- 01.65	110075	14 60	01.63- 01.65	110218	12	
Star Chief 6.4	01.63- 01.66	110075	14 60	01.59- 01.62	110216	12 1.4	
				01.63- 01.66	110218	12	
Star Chief 6.9	01.63- 01.66	110075	14 60	01.63- 01.66	110218	12	
Sunbird 3.1	01.94-	111388	14 100/105	01.91- 12.93	112911	12 1.6	
Sunbird 1.8	01.85- 01.86	110471	14 94				
	01.85- 01.86	110508	14 78				
Sunbird 1.8 GT	01.86- 01.86	110471	14 94				
	01.86- 01.86	110508	14 78				
Sunbird 1.8 LE	01.85- 01.85	110471	14 94				
	01.85- 01.85	110508	14 78				
Sunbird 1.8 SE	01.86- 01.86	110471	14 94				
	01.86- 01.86	110508	14 78				
Sunbird 1.8 Turbo	01.85- 01.86	110471	14 94				
	01.85- 01.86	110508	14 78				
Sunbird 1.8 Turbo GT	01.86- 01.86	110508	14 78				
	01.86- 01.86	110471	14 94				
Sunbird 1.8 Turbo LE	01.85- 01.85	110508	14 78				
	01.85- 01.85	110471	14 94				
Sunbird 1.8 Turbo SE	01.85- 01.86	110508	14 78				
	01.85- 01.86	110471	14 94				
Sunbird 2.3	01.76- 01.77	110492	14 108				
	01.76- 01.77	110505	14 75				
	01.76- 01.77	110233	14 63				
Sunbird 2.5	01.77- 01.80	110505	14 75	01.78- 01.79	110414	12	
Sunbird 2.5 Safari	01.78- 01.79	110505	14 75	01.78- 01.79	110414	12	
Sunbird 3.1 GT	01.91- 01.93	111388	14 100/105	01.91- 01.93	112911	12 1.6	
Sunbird 3.1 LE	01.91- 01.94	111388	14 100/105	01.91- 01.94	112911	12 1.6	
Sunbird 3.1 SE	01.91- 01.94	111388	14 100/105	01.91- 01.94	112911	12 1.6	
Sunbird 3.8	01.76- 01.80	110505	14 75				
Sunbird 3.8 Safari	01.78- 01.79	110505	14 75				
Sunbird 5.0	01.78- 01.79	110505	14 75	01.79- 01.79	110216	12 1.4	
				01.78- 01.78	110414	12	



Sunfire 2.2	[L61]				01.02- 12.02	112899	12	1.4
					01.98- 01.01	112900	12	1.4
					01.98- 01.98	112911	12	1.6
Sunfire 2.2 GT					01.95- 01.95	112911	12	1.6
Sunfire 2.2 SE					01.95- 01.97	112911	12	1.6
Sunfire 2.4					01.99- 01.02	112907#	12	1.7
Sunrunner 1.6		01.94-	111279	14	50			
T1000 1.6		01.81- 01.87	110492	14	108			
Tempest 2.0		01.87-	110503	14	100/105			
Tempest 2.2		01.90-	110503	14	100/105			
Tempest 2.2 LE		01.91-	110503	14	100/105			
Tempest 2.8		01.87-	111388	14	100/105			
Tempest 3.1		01.90-	111388	14	100/105			
Tempest 3.1 LE		01.91-	111388	14	100/105			
Tempest 3.5		01.64- 01.65	110075	14	60			
Tempest 3.8		01.66- 01.67	110075	14	60			
Tempest 4.1		01.68- 01.70	110075	14	60			
Tempest 4.1 Custom		01.68- 01.69	110075	14	60			
Tempest 5.3		01.63- 01.67	110075	14	60			
Tempest 5.7		01.68- 01.70	110075	14	60			
Tempest 5.7 Custom		01.68- 01.68	110075	14	60			
Tempest 6.4		01.63- 01.64	110075	14	60	01.64- 01.64	110216	12 1.4
Tempest 6.6		01.68- 01.70	110075	14	60	01.68- 01.70	110218	12
Tempest 6.6 Custom		01.68- 01.68	110075	14	60	01.68- 01.68	110218	12
Tempest 7.0		01.69- 01.69	110075	14	60	01.69- 01.69	110218	12
Tempest 7.0 Custom		01.69- 01.69	110075	14	60	01.69- 01.69	110218	12
Trans Sport 3.1		01.90- 01.95	111388	14	100/105	01.90- 01.95	112911	12 1.6
Trans Sport 3.4		01.98- 01.98	112874#	14	140	01.97- 01.98	112900	12 1.4
						01.96- 01.96	112911	12 1.6
Trans Sport 3.4 Montana		01.98- 01.98	112874#	14	140	01.98- 01.98	112900	12 1.4
Trans Sport 3.8		01.92- 01.95	111220	14	105	01.92- 01.95	110221	12 1.2
		01.92- 01.95	112884	14	140			
		01.92- 01.95	112636	14	100/105			
Ventura 2.5		01.77- 01.77	110233	14	63			
		01.77- 01.77	110505	14	75			
Ventura 3.8		01.77- 01.77	110505	14	75			
Ventura 3.8 SJ		01.77- 01.77	110505	14	75			
Ventura 4.1		01.71- 01.71	110075	14	60			
		01.72- 01.76	110505	14	75			
Ventura 4.1 Custom		01.73- 01.75	110505	14	75			
Ventura 4.1 S		01.75- 01.75	110505	14	75	01.75- 01.75	110216	12 1.4
Ventura 4.1 SJ		01.75- 01.76	110505	14	75			
						01.75- 01.76	110216	12 1.4
Ventura 4.3		01.75- 01.76	110505	14	75			
Ventura 4.3 Custom		01.75- 01.75	110505	14	75			
Ventura 4.3 S		01.75- 01.75	110505	14	75			
Ventura 4.3 SJ		01.75- 01.76	110505	14	75			
Ventura 4.9		01.77- 01.77	110505	14	75			
Ventura 4.9 SJ		01.77- 01.77	110505	14	75			
Ventura 5.0		01.72- 01.72	110233	14	63			
		01.72- 01.77	110505	14	75	01.77- 01.77	110216	12 1.4
		01.71- 01.71	110075	14	60			
Ventura 5.0 SJ		01.77- 01.77	110505	14	75	01.77- 01.77	110216	12 1.4
Ventura 5.7		01.72- 01.77	110505	14	75			
		01.75- 01.76	110233	14	63	01.77- 01.77	110216	12 1.4
						01.77- 01.77	111258	12
Ventura 5.7 Custom		01.75- 01.75	110233	14	63			
		01.73- 01.75	110505	14	75			
Ventura 5.7 S		01.75- 01.75	110505	14	75			
		01.75- 01.75	110233	14	63			
Ventura 5.7 SJ		01.75- 01.77	110505	14	75			
		01.75- 01.76	110233	14	63	01.77- 01.77	110216	12 1.4
						01.77- 01.77	111258	12
Vibe 1.8 GT	[2ZZ-GE]					01.03-	114419	12 1.2
<b>Porsche</b>								
<b>PASSENGER CARS EU</b>								
911 2.3	[911.52]				08.71- 12.73	113845#	12	1.5
	[911.62]				08.71- 12.73	113845#	12	1.5
911 2.3 S	[911.53]				08.71- 01.76	113845#	12	1.5
	[911.63]				08.71- 01.76	113845#	12	1.5
911 2.3 Targa	[911.52]				08.71- 12.73	113845#	12	1.5
	[911.62]				08.71- 12.73	113845#	12	1.5
911 2.7 Carrera RS	[911.83]				08.72- 01.79	113845#	12	1.5
911 2.7 Carrera RS Targa	[911.83]				08.72- 01.79	113845#	12	1.5
911 2.7 S Carrera	[911.42]				08.73- 01.76	113845#	12	1.5
	[911.47]				08.73- 01.76	113845#	12	1.5
	[911.93]				08.73- 01.76	113845#	12	1.5
	[911.98]				08.73- 01.76	113845#	12	1.5
911 2.7 S Targa	[911.42]				08.73- 01.76	113845#	12	1.5
	[911.47]				08.73- 01.76	113845#	12	1.5
	[911.93]				08.73- 01.76	113845#	12	1.5
	[911.98]				08.73- 01.76	113845#	12	1.5
911 3.0 Carrera					03.74- 10.83	113845#	12	1.5
911 3.0 SC Carrera	[930.03]				07.77- 06.80	113845#	12	1.5
911 3.0 SC Carrera Targa	[930.03/13]				07.77- 06.80	113845#	12	1.5
911 3.1 Carrera	[930.20]				08.86- 08.89	113845#	12	1.5
	[930.25]				08.86- 08.89	113845#	12	1.5
911 3.1 SC Carrera	[930.20]				08.83- 08.89	113845#	12	1.5
	[930.21]				10.84- 08.89	113845#	12	1.5

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

PORSCHE Continued

911 3.2 Carrera	[930.21]					02.84- 06.87	113845#	12	1.5
911 3.3	[930.66]					06.86- 08.89	113845#	12	1.5
911 3.3 Turbo	[930.66]					09.86- 11.90	113845#	12	1.5
	[M30.69]	08.90- 09.93	112693	14	115				
911 3.3 Turbo S	[930.60]	09.86- 11.90	110931	14	70	09.86- 11.90	113845#	12	1.5
911 3.3 Turbo SC	[930.60]	07.74- 01.83	110931	14	70	09.77- 06.87	113845#	12	1.5
	[930.66]	08.82- 01.83	110931	14	70	09.77- 06.87	113845#	12	1.5
911 3.4	[M96.02]					02.98- 09.01	114316	12	1.7
	[M96.04]					02.98- 09.01	114316	12	1.7
911 3.4 Carrera	[M96.01]					09.97- 09.01	114316	12	1.7
	[M96.04]					09.97- 09.01	114316	12	1.7
						05.01-	114316	12	1.7
911 3.4 Carrera 4	[M96.01]					06.97- 09.01	114316	12	1.7
	[M96.02]					05.01-	114316	12	1.7
	[M96.04]					06.97- 09.01	114316	12	1.7
911 3.6	[M96.03]					10.01-	114316	12	1.7
	[M96.05]					07.04-	114316	12	1.7
911 3.6 Carrera	[M64.05]	10.93-	112693	14	115				
	[M64.06]	10.93-	112693	14	115				
	[M64.21]	08.95- 09.97	112693	14	115				
	[M64.22]	08.95- 09.97	112693	14	115				
	[M64.23]	08.95- 09.97	112693	14	115				
	[M64.24]	08.95- 09.97	112693	14	115				
	[M96.05]					04.05-	114316	12	1.7
911 3.6 Carrera 2	[M64.01]	07.89- 05.94	112693	14	115				
	[M64.02]	07.89- 05.94	112693	14	115				
911 3.6 Carrera 4	[M64.01]	12.88- 09.93	112693	14	115				
	[M64.05]	07.94-	112693	14	115				
	[M64.07]	07.94-	112693	14	115				
	[M64.21]	08.95- 09.97	112693	14	115				
	[M64.23]	08.95- 09.97	112693	14	115				
	[M96.03]					10.01-	114316	12	1.7
	[M96.05]					07.04-	114316	12	1.7
911 3.6 Carrera RS	[64.03]	06.91- 09.93	112693	14	115				
911 3.6 Carrera Targa	[M64.21]	08.95- 09.97	112693	14	115				
	[M64.22]	08.95- 09.97	112693	14	115				
911 3.6 Targa	[M96.03]					12.01-	114316	12	1.7
911 3.6 M96.05 Carrera 4	[M96.05]					04.05-	114316	12	1.7
911 3.6 S Carrera	[M96.03]					06.02-	114316	12	1.7
911 3.6 S Carrera 4	[M96.03]					06.02-	114316	12	1.7
911 3.6 Turbo	[M64.50]	01.93- 09.93	112693	14	115				
	[M64.60]	03.95-	112693	14	115				
	[M64.60R]	03.95- 09.97	112693	14	115				
911 3.6 Turbo S	[M96.70]	triptronic 02.03-	113871	14	150				
911 3.8	[M97.01]					07.04-	114316	12	1.7
911 3.8 Carrera RS	[M64.20]	09.94-	112693	14	115				
911 3.8 Carrera	[M64.21S]	08.95- 09.97	112693	14	115				
	[M97.01]					11.06-	114316	12	1.7
911 3.8 Carrera 4S	[M97.01]					07.04-	114316	12	1.7
911 3.8 Carrera RS	[M64.21S]	09.94- 08.97	112693	14	115				
911 3.8 Carrera RS 4	[M64.20]	09.94-	112693	14	115				
	[M64.21S]	08.95- 09.97	111009	28	35				
911 3.8 Carrera S	[M97.01]					04.05-	114316	12	1.7
911 3.8 Carrera Targa	[M64.20S]	05.96-	112693	14	115				
914 1.7	[W]	07.74-	110931	14	70	01.69- 10.73	110363	12	0.7
914 1.8	[AN]					08.73- 08.74	110363	12	0.7
914 2.0	[GB]	07.74-	110931	14	70	10.69- 08.74	110363	12	0.7
924 2.0	[XJ]	11.75- 08.85	111139	14	75	01.76- 08.85	110997	12	0.8
						A13 01.76- 08.85	110824#	12	1.1
924 2.0 Turbo	[M31.01]	11.78- 06.80	111139	14	75				
	[M31.03]	06.80- 10.86	111139	14	75				
924 2.5 S	[M44.01]	07.81- 06.84	112730	14	90				
	[M44.03]	07.81- 06.84	112730	14	90				
	[M44.07]	09.85- 07.88	112730	14	90	▲			
	[M44.08]	09.85- 07.87	112730	14	90	▲			
	[M44.09]	08.87- 07.88	112730	14	90	▲			
	[M44.10]	08.87- 07.88	112730	14	90	▲			
944 2.5	[M44.01]	06.81- 06.84	112730	14	90	▲			
	[M44.02]	06.81- 07.87	112730	14	90				
	[M44.03]	06.81- 06.84	112730	14	90	▲			
	[M44.04]	07.82- 06.84	112730	14	90				
	[M44.05]	09.85- 07.87	112730	14	90	0 120 468 004			
	[M44.07]	09.85- 07.87	112730	14	90				
	[M44.08]	09.85- 07.87	112730	14	90				
	[M44.09]	08.87- 07.88	112730	14	90				
	[M44.10]	08.87- 08.88	112730	14	90				
959 2.8	[959.50]					01.86- 04.91	113845#	12	1.5
968 3.0	[M44.43]	06.91- 11.95	112730	14	90	▲			
	[M44.44]	06.91- 11.95	112730	14	90	▲			
968 3.0 Turbo S	[M44.43]	03.93- 11.95	112730	14	90	▲			
911 Speedster 3.6 Carrera	[M64.01]	08.92- 06.94	112693	14	115				
911 Targa 3.6 Carrera	[M64.01]	12.88- 09.93	112693	14	115				
911 Targa 3.6 Carrera 4	[M64.01]	12.88- 09.93	112693	14	115				
Boxster 2.5	[M96.20]					09.96- 08.99	114316	12	1.7
Boxster 2.7	[M96.22]					08.99- 07.02	114316	12	1.7
	[M96.25]					11.04-	114316	12	1.7
	[M97.20]					07.06-	114316	12	1.7
Boxster 2.7 24V	[M96.23]					07.02-	114316	12	1.7
Boxster 3.2	[M96.21]					08.99- 07.02	114316	12	1.7





Boxster 3.2 S	[M96.24]					07.02-	114316	12	1.7
Boxster 3.4 S	[M97.21]					07.06-	114316	12	1.7
Carrera 5.7 GT	[M80.01]					07.03-	114316	12	1.7
Cayenne 4.5 S	[M48.00]					09.02-	114477	12	1.7
Cayenne 4.5 Turbo	[M48.50]					09.02-	114477	12	1.7
Cayenne 4.5 Turbo S	[M48.50]					03.06-	114477	12	1.7
	[M48.50S]					01.04-	114477	12	1.7
Cayman 2.7	[M97.20]					07.06-	114316	12	1.7
Cayman 3.4 S	[M97.21]					11.05-	114316	12	1.7
<b>PASSENGER CARS US</b>									
911 3.0 SC		01.78- 01.83	110931	14	70				
911 3.2 Speedster		01.89- 01.89	112693	14	115				
911 3.3 Turbo	[930.6]	01.82- 01.82	110931	14	70				
	[930.66]	01.81- 01.85	110931	14	70				
		01.91- 01.92	112693	14	115				
911 3.6 Carrera		01.90- 01.93	112693	14	115				
911 3.6 Carrera 2		01.94- 01.98	112693	14	115				
911 3.6 Carrera 4		01.89- 01.98	112693	14	115				
911 3.6 Carrera 4 Turbo Look		01.93-	112693	14	115				
911 3.6 CARRERA 4S		01.96- 01.98	112693	14	115				
911 3.6 RS America		01.93- 01.94	112693	14	115				
911 3.6 Speedster		01.94- 01.94	112693	14	115				
911 3.6 Taga		01.94- 01.97	112693	14	115				
911 3.6 Targa		01.98- 01.98	112693	14	115				
911 3.6 Turbo		01.94- 01.97	112693	14	115				
911 3.6 Turbo Look		01.92- 01.94	112693	14	115				
914 1.7						01.70- 01.73	110363	12	0.7
914 1.8						01.74- 01.75	110363	12	0.7
924 2.0		01.77- 01.82	111139	14	75	01.77- 01.82	110824#	12	1.1
						01.77- 01.82	110997	12	0.8
924 2.0 Turbo		01.80- 01.82	111139	14	75				
924 2.5 S		01.87- 01.88	112730	14	90				
928 4.5		01.81- 01.82	111139	14	75				
928 4.7 S		01.83- 01.84	111139	14	75				
930 3.3 Turbo		01.78- 01.79	110931	14	70				
944 2.5		01.83- 01.86	112730	14	90				
<b>PASSENGER CARS AO</b>									
911 3.8 Carrera S	[M97.01S]					08.05-	114316	12	1.7
911 3.8 Carrera S S4	[M97.01S]					08.05-	114316	12	1.7
<b>Proton</b>									
<b>PASSENGER CARS EU</b>									
Aeroback 1.5						01.91- 11.96	110315	12	0.9
Persona 313 1.3 i	[G13B]	03.96-	111375	14	75				
Persona 315 1.5 GLI / GLSi	[4G15M]	03.96-	111309	14	75	03.96-	110315	12	0.9
						12.95-	110158	12	1.2
Persona 315 1.5 GLSi	[G15B]	09.96-	111309	14	75				
Persona 316 1.6	[4G92]	03.96-	111309	14	75	03.96-	110315	12	0.9
Persona 316 1.6 GLXi	[4G92]	03.96-	111309	14	75				
Persona 318 1.8 GTi 16V	[4G93]	03.96-	111375	14	75				
Persona 413 1.3	[4G13]					01.94-	110315	12	0.9
Persona 413 1.3 GLSi	[4G13]					01.94-	110315	12	0.9
Persona 415 1.5	[4G15]	01.94-	111309	14	75	01.94-	110315	12	0.9
Persona 416 1.6 GLXi	[4G92]	01.94-	111309	14	75	01.94-	110315	12	0.9
		AT 01.94-	111375	14	75				
Persona 416 1.6 i	[4G92]	12.95-	111375	14	75	12.95-	110315	12	0.9
		AT 12.95-	111309	14	75				
Persona 418 1.8	[4G93 (DOHC)]	05.96-	111375	14	75				
Persona 418 1.8 GLXi	[4G93]	05.96-	111375	14	75				
Persona 420 2.0 Diesel	[4D68]					09.96-	110809	12	2.0
						09.96-	111912	12	2.2
Persona 420 2.0 Diesel GLS	[4D68]	05.96-	111375	14	75	05.96-	110809	12	2.0
						05.96-	111912	12	2.2
Saloon 1.5						01.91- 11.96	110315	12	0.9
Satria 1.5	[4G15]	07.00-	111375	14	75				
Wira 1.3	[4G13]	08.00-	111375	14	75				
Wira 1.5	[4G15]	08.00-	111375	14	75				
	[4G15M]	08.00-	111375	14	75				
<b>Puch (Steyr-Daimler)</b>									
<b>PASSENGER CARS EU</b>									
230 GE 2.3	[M102.981]					04.82- 08.85	110862	12	1.5
	[M102.987]					09.85- 08.92	110862	12	1.5
250 GD 2.5	[OM602.930]					10.87- 12.92	114319	24	2.5
300 GD 3.0	[OM603.931]					09.89-	114319	24	2.5
G 290 td 2.9	[OM602.983]					07.97-	114319	24	2.5
<b>Renault</b>									
<b>PASSENGER CARS EU</b>									
Alpine 2.5 i Turbo	[Z7U]	01.88- 12.92	111179#	14	105	03.85- 12.92	110835#	12	1.1
		01.88- 12.92	112755#	14	90				
	[Z7U734]	01.85- 12.92	111179#	14	105	01.85- 12.92	110835#	12	1.1
		01.85- 12.92	112755#	14	90				
Alpine 2.7 V6	[PRV112730]					01.76- 12.84	110835#	12	1.1
Alpine 2.9	[Z6W]	01.85- 12.92	111179#	14	105	01.85- 12.92	110835#	12	1.1
		01.85- 12.92	112755#	14	90				
Alpine 3.0 Turbo	[Z7X744]					01.91- 12.95	111333	12	1.1
Avantime 2.0 Turbo 16V	[F4R760]	09.01- 12.03	113245	14	125	11.01- 05.03	114814	12	0.9
	[F4R761]	09.01- 12.03	113245	14	125	11.01- 05.03	114814	12	0.9
Avantime 2.2 DCi	[G9T712]	12.01- 12.03	113245	14	125	05.02-	112475	12	2.1
Avantime 3.0 V6	[L7X720]					09.01- 05.03	115354	12	1.3
	[L7X721]					09.01- 05.03	115354	12	1.3



Application list

RENAULT Continued

Clio 1.1	[C1E700]	06.90- 03.96	111082	14 60	06.90- 03.96	110585	12 1.2
		06.90- 03.96	112728	14 55			
	[D7F720]	03.98- 09.99	112165	14 75	03.98-	111641	12 0.7
	[D7F746]	09.98-	113403	14 75	10.99-	111641	12 0.7
Clio 1.1 Hi-Flex	[D4F740]	07.08-	114131	14 90			
Clio 1.2	[C3G720]	09.95- 03.96	111082	14 60	01.96- 12.96	110585	12 1.2
		09.95- 03.96	112728	14 55			
	[D7F710]	05.00-	113403	14 75	09.98-	111641	12 0.7
		09.98- 10.99	112165	14 75			
		09.98-	113577	14 75			
	[D7F720]	03.98- 09.99	112165	14 75	03.98-	111641	12 0.7
		09.98-	113577	14 75			
	[D7F726]	09.98-	113577	14 75	10.99-	111641	12 0.7
		10.99- 03.00	112165	14 75			
	[D7F730]	01.96- 09.98	113577	14 75	04.96- 09.98	111641	12 0.7
		04.96- 09.98	112165	14 75			
	[E5F710]				05.90- 03.96	110585	12 1.2
					05.90- 03.96	111251	12 1.1
	[E7F700]				06.90- 02.98	111251	12 1.1
	[E7F706]	06.90- 02.98	111325	14 70	06.90- 02.98	111251	12 1.1
		01.91- 02.98	112756	14 60			
	[E7F708]	06.90- 02.98	111325	14 70	06.90- 02.98	111251	12 1.1
		06.90- 02.98	112756	14 60			
	[E7F750]	01.94- 02.98	111325	14 70	01.94- 02.98	111251	12 1.1
		01.94- 02.98	112756	14 60			
Clio 1.2 16V	[D4F712]	06.01-	113403	14 75	06.01-	111641	12 0.7
	[D4F714]	06.01-	113403	14 75	03.00-	111641	12 0.7
	[D4F740]	06.05-	114131	14 90	06.05-	111641	12 0.7
					06.05-	114095	12 0.85
	[D4F764]	02.08-	114131	14 90			
	[D4F784]	05.07-	114131	14 90			
[D4F786]	09.10-	114131	14 90	09.10-	111641	12 0.7	
Clio 1.2 16V Grandtour	[D4F740]				11.12-	111641	12 0.7
	[D4F786]	09.10-	114131	14 90	09.10-	111641	12 0.7
Clio 1.2 i	[C3G720]	09.95- 03.96	111082	14 60	09.95- 03.96	110585	12 1.2
		09.95- 03.96	112728	14 55			
Clio 1.2 16V Hi-Flex	[D4F740]	07.08-	114131	14 90			
Clio 1.4	[E7J718]	06.90- 02.98	111325	14 70	06.90- 02.98	111251	12 1.1
		06.90- 02.98	112756	14 60			
		PS 06.91- 02.98	111325	14 70			
	[E7J719]	06.90- 02.98	111325	14 70	06.90- 02.98	111251	12 1.1
		06.90- 02.98	112756	14 60			
		PS 06.91- 02.98	111325	14 70			
	[E7J754]	06.90- 02.98	111325	14 70	06.90- 02.98	111251	12 1.1
		06.90- 02.98	112756	14 60			
		PS 06.91- 02.98	111325	14 70			
	[E7J756]	04.96- 02.98	111934	14 80	04.96- 02.98	111251	12 1.1
	[E7J757]	04.96- 02.98	111934	14 80	04.96- 02.98	111251	12 1.1
[E7J780]				09.98-	111251	12 1.1	
Clio 1.4 16V	[K4J700]	08.00-	112144	14 98	08.00-	112218	12 1.0
		08.00-	112199	14 75			
	[K4J712]	10.99-	112199	14 75	10.99-	112218	12 1.0
		PS 10.99-	112199	14 75	10.99-	111251	12 1.1
		AC 10.99-	112144	14 98			
	[K4J713]	10.99-	112199	14 75	10.99-	112218	12 1.0
		PS 10.99-	112199	14 75	10.99-	111251	12 1.1
		AC 10.99-	112144	14 98			
[K4J780]	06.05-	114463	14 120	06.05-	114057	12 1.1	
Clio 1.4 i	[E7J601]	06.90- 02.98	111325	14 70	06.90- 02.98	111251	12 1.1
		06.90- 02.98	112756	14 60			
	[E7J710]	06.90- 02.98	111325	14 70	06.90- 02.98	111251	12 1.1
		06.90- 02.98	112756	14 60			
	[E7J711]	06.90- 02.98	111325	14 70	06.90- 02.98	111251	12 1.1
	06.90- 02.98	112756	14 60				
Clio 1.5 DCi	[K9K700]	06.01-	114673	14 120	06.01-	113927	12 1.1
			112457	14 110			
		AC 06.01-	113248	14 120			
		AC 06.01-	114673	14 120			
	[K9K702]	06.01-	112457	14 110	06.01-	113927	12 1.1
		06.01-	113248	14 120			
		06.01-	114673	14 120			
		11.03-	113940	14 110 A47			
	[K9K704]	06.01- 12.06	112457	14 110	06.01- 12.06	113927	12 1.1
		06.01-	114673	14 120			
		AC 06.01-	113248	14 120			
		AC 06.01- 12.06	114673	14 120			
	[K9K710]	06.01- 10.04	113940	14 110 A47	06.01- 10.04	113927	12 1.1
		06.01- 10.04	114673	14 120			
	[K9K712]	01.04-	113940	14 110 A47	01.04-	113897	12 1.4
		01.04-	113945	14 150			
	[K9K718]	02.07-	114673	14 120			
	[K9K740]	06.05-	114463	14 120	06.05-	113927	12 1.1
	[K9K752]	05.05- 10.06	114463	14 120	05.05- 10.06	113927	12 1.1
	[K9K764]	06.05-	114463	14 120	06.05-	113897	12 1.4
	06.05-	114721	14 150				
[K9K766]	06.05-	114463	14 120	06.05-	113897	12 1.4	
	06.05-	114721	14 150				
[K9K768]	06.05-	114463	14 120	06.05-	113897	12 1.4	
	06.05-	114721	14 150				

**STARTERS & ALTERNATORS**

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	[K9K770]	08.10-	114463	14 120		08.10-	113897	12 1.4
						08.10-	113927	12 1.1
Clio 1.5 Diesel	[K9K714]	08.04-	113940	14 110 A47				
		08.04-	113945	14 150				
		08.04-	114463	14 120				
Clio 1.6	[K7M744]	10.99-	112199	14 75		03.98-	111251	12 1.1
		AC 10.99-	112144	14 98		11.99-	112295	12 1.7
	[K7M745]	10.99-	112199	14 75		03.98-	111251	12 1.1
		AC 10.99-	112144	14 98		11.99-	112295	12 1.7
Clio 1.6 RS						03.13-	115341	12 1.0
Clio 1.6 16V	[K4M708]	08.00-	112144	14 98		08.00-	112218	12 1.0
		08.00-	112199	14 75				
	[K4M748]	09.98-	112144	14 98		09.98-	112218	12 1.0
		09.98-	112199	14 75				
	[K4M800]	06.05-	112144	14 98		06.05-	114057	12 1.1
		06.05-	114463	14 120				
	[K4M801]	06.05-	114463	14 120		02.08-	114057	12 1.1
	[K4M804]	06.05-	112144	14 98		06.05-	114057	12 1.1
		06.05-	114463	14 120				
	[K4M862]	11.08-	115411*	14 110		11.08-	114057	12 1.1
Clio 1.6 16V GT	[K4M862]	06.09-	115411*	14 110		06.09-	114057	12 1.1
Clio 1.7	[F2N770]	ACPS 06.90- 03.96	111326	14 110		06.90- 03.96	110585	12 1.2
Clio 1.8	[F3P710]					06.90- 02.98	111251	12 1.1
		ACPS 06.90- 01.93	111326	14 110		06.90- 07.94	110585	12 1.2
	[F3P714]					06.90- 03.96	111251	12 1.1
		ACPS 06.90- 01.93	111326	14 110		06.90- 07.94	110585	12 1.2
	[F3P754]					08.94- 02.98	111251	12 1.1
	[F3P755]					08.94- 02.98	111251	12 1.1
Clio 1.8 RSi	[F3P758]					08.94- 02.98	111251	12 1.1
Clio 1.8 16V	[F7P722]					A13 03.91- 02.96	112295	12 1.7
						08.91- 03.96	110585	12 1.2
						01.91- 03.96	111251	12 1.1
						03.91- 02.96	113481	12 1.4
Clio 1.8 i	[F3P712]					01.93- 08.95	110585	12 1.2
						01.93- 08.95	111251	12 1.1
Clio 1.9 Diesel	[F8Q630]	03.98-	111718	14 75		03.98-	113481	12 1.4
		03.98-	112059	14 110		09.98-	112295	12 1.7
		AC 03.98-	112059	14 110				
	[F8Q676]	05.96- 02.98	112695#	14 80		05.96- 02.98	113481	12 1.4
	[F8Q678]	01.97- 06.97	112696	14 80		01.97-	112295	12 1.7
						01.97-	113481	12 1.4
	[F8Q696]	05.96- 02.98	112695#	14 80		05.96- 02.98	113481	12 1.4
	[F8Q730]	06.90- 04.91	112769	14 60		06.90- 03.96	113481	12 1.4
		PS 06.90- 03.96	112795#	14 90		06.90- 02.98	112295	12 1.7
		PS 04.94- 02.98	112696	14 80				
	[F8Q732]	06.90- 04.91	112769	14 60		06.90- 02.98	113481	12 1.4
		PS 06.90- 02.98	112795#	14 90		06.90- 02.98	112295	12 1.7
		PS 04.94- 02.98	112696	14 80				
Clio 1.9 DTi	[F9Q780]	11.99-	111718	14 75		02.00-	112295	12 1.7
		11.99-	112470	14 110				
Clio 2.0 16V	[F4R736]	06.01-	111718	14 75				
		AC 06.01-	112059	14 110				
	[F7R700]					01.94- 09.98	112295	12 1.7
						07.92- 03.96	113481	12 1.4
Clio 2.0 16V Sport	[F4R730]	02.00-	112059	14 110		02.00-	113761	12 0.9
	[F4R738]	01.04-	111718	14 75				
	[F4R830]					02.06-	114814	12 0.9
Clio 3.0 V6 Sport	[L7X760]					11.00- 12.02	115354	12 1.3
	[L7X762]					12.02-	115354	12 1.3
Espace 1.9 DCi	[F9Q680]					11.02-	112474	12 1.8
	[F9Q820]					11.02-	112474	12 1.8
	[F9Q826]					11.02-	112474	12 1.8
Espace 1.9 DTi	[F9Q722]	02.99-	111775#	14 120		02.99-	113481	12 1.4
						02.99-	111251	12 1.1
		AC 02.99-	111719	14 120				
		AC 02.99-	112458	14 120 A47				
Espace 2.0	[F3R728]	PS 11.96- 10.00	111722	14 75		11.96-	111251	12 1.1
		AC 11.96- 10.00	112679	14 110				
	[F3R729]	11.96- 10.00	112679	14 110		11.96-	111251	12 1.1
		PS 11.96- 10.00	111722	14 75				
		AC 11.96- 10.00	112679	14 110				
	[F3R742]	11.96- 10.00	113403	14 75		11.96- 10.00	111251	12 1.1
	[F3R768]	11.96- 10.00	113403	14 75		11.96- 10.00	111251	12 1.1
	[F3R769]	11.96- 10.00	113403	14 75		11.96- 10.00	111251	12 1.1
	[F4R700]	AC 09.01- 10.02	112144	14 98				
	[F4R701]	09.01- 10.02	112144	14 98				
	[F4R790]					11.02- 02.05	114814	12 0.9
	[F4R792]					11.02-	114814	12 0.9
	[F4R796]					04.05-	114814	12 0.9
	[F4R797]					04.05-	114814	12 0.9
	[F4R897]					04.05-	114814	12 0.9
	[J6R234]					07.84- 12.87	111063	12 1.2
	[J6R236]	10.88- 12.90	111171	14 70		07.86- 12.90	111063	12 1.2
	[J6R734]	10.88- 04.91	111171	14 70		01.88- 04.91	111063	12 1.2
	[J7R768]	04.91- 10.96	111171	14 70		04.91- 10.96	111063	12 1.2
		AC 04.91- 10.96	111319	14 105				
Espace 2.0 16V	[F4R700]	10.98-	112144	14 98				
		10.98-	112199	14 75				
		AC 10.98-	111718	14 75				

## STARTERS & ALTERNATORS

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Application list

RENAULT Continued

	[F4R701]	AC 07.00- 10.02	112144	14 98			
Espace 2.0 i	[J7R760]	01.89- 04.91	111171	14 70	01.89- 04.91	111063	12 1.2
Espace 2.0 i 4x4	[J7R760]	03.88- 04.91	111171	14 70	03.88- 04.91	111063	12 1.2
Espace 2.0 Turbo	[F4R794]				11.02-	114814	12 0.9
	[F4R795]				11.02-	114814	12 0.9
	[F4R797]				11.02-	114814	12 0.9
	[F4R896]				06.05-	114814	12 0.9
	[F4R897]				06.05-	114814	12 0.9
Espace 2.0 DCi	[M9R740]	01.06-	114509	14 150	01.06-	114074	12 2.2
	[M9R760]				01.06-	114074	12 2.2
	[M9R802]	01.06-	114509	14 150			
Espace 2.1 TD	[J8S240]				10.84- 12.90	111114	12 3.1
	[J8S610]	06.92- 08.96	111171	14 70	06.92- 08.96	111114	12 3.1
		AC 06.92- 08.96	111319	14 105			
	[J8S612]	11.94- 08.96	111171	14 70	11.94-	111114	12 3.1
		AC 11.94- 08.96	111319	14 105			
	[J8S772]	01.91- 10.93	111171	14 70	01.91- 10.93	111114	12 3.1
		AC 01.91- 10.93	111319	14 105			
	[J8S774]				06.89- 12.90	111114	12 3.1
	[J8S776]	01.91- 08.96	111171	14 70	01.91- 08.96	111114	12 3.1
		AC 01.91- 08.96	111319	14 105			
[J8S778]	06.92- 08.96	111171	14 70	06.92- 08.96	111114	12 3.1	
	AC 06.92- 08.96	111319	14 105				
Espace 2.2	[J7T770]	10.88- 12.90	111171	14 70	07.86- 12.90	111063	12 1.2
	[J7T772]	01.91- 10.96	111171	14 70	01.91- 10.96	111063	12 1.2
		AC 01.91- 10.96	111319	14 105			
	[J7T773]	01.91- 10.96	111171	14 70	01.91- 10.96	111063	12 1.2
		AC 01.91- 10.96	111319	14 105			
[J7T776]	05.93- 10.96	111171	14 70	05.93- 10.96	111063	12 1.2	
	AC 05.93- 10.96	111319	14 105				
Espace 2.2 4x4	[J7T770]	10.88- 12.90	111171	14 70	01.88- 12.90	111063	12 1.2
	[J7T772]	03.91- 12.96	111171	14 70	03.91- 12.96	111063	12 1.2
		AC 03.91- 12.96	111319	14 105			
[J7T773]	03.91- 12.96	111171	14 70	03.91- 12.96	111063	12 1.2	
	AC 03.91- 12.96	111319	14 105				
Espace 2.2 DCi	[G9T642]	10.00-	112471	14 125	10.00-	112475	12 2.1
		10.00-	113245	14 125			
	[G9T645]				02.06-	114161	12 2.4
	[G9T710]	10.00-	112471	14 125	10.00-	112475	12 2.1
		10.00-	113245	14 125			
[G9T742]				11.02-	114161	12 2.4	
[G9T743]				11.02-	114161	12 2.4	
Espace 2.2 TD	[G8T714]	11.96- 10.02	112679	14 110			
	[G8T716]	11.96- 10.02	112679	14 110			
Espace 2.8 V6	[Z7W712]	01.91- 08.96	112755#	14 90	01.91- 08.96	110835#	12 1.1
		AC 01.91- 08.96	111179#	14 105			
	[Z7W713]	01.91- 08.96	112755#	14 90	01.91- 08.96	110835#	12 1.1
		AC 01.91- 08.96	111179#	14 105			
[Z7W717]				01.91- 10.96	111333	12 1.1	
Espace 3.0	[Z7X775]				11.96-	111333	12 1.1
Espace 3.0 DCi	[P9X701]				11.02-	114526	12 2.0
	[P9X715]				01.06-	114526	12 2.0
Espace 3.5 V6	[V4Y711]	11.02-	114301	14 150			
Fluence 1.5 DCi	[K9K830]				02.10-	113897	12 1.4
	[K9K832]				06.05-	113897	12 1.4
	[K9K834]				02.10-	113897	12 1.4
	[K9K836]				02.10-	113897	12 1.4
Fluence 1.6 16V	[K4M838]	02.10-	114463	14 120			
		02.10-	115382*	14 120			
Fuego 1.4	[847720]				10.81- 06.85	110856	12 0.6
					02.80- 10.85	111064	12 1.05
Fuego 1.6	[A2M723]	04.83- 10.85	111082	14 60			
Fuego 2.0	[829710]				10.80- 10.85	111063	12 1.2
	[J6R710]				10.80- 10.85	111063	12 1.2
	[J6R712]				10.80- 10.85	111063	12 1.2
	[J6R713]				10.80- 10.85	111063	12 1.2
	[J6R715]				10.80- 10.85	111063	12 1.2
	[J6R726]				10.80- 10.85	111063	12 1.2
Fuego 2.1 TD	[J8S712]				08.82- 10.85	111114	12 3.1
Grand Kangoo 1.5 dCi	[K9K802]	11.12-	114721	14 150	11.12-	113897	12 1.4
	[K9K808]	11.12-	114721	14 150	11.12-	113897	12 1.4
		02.08-	114721	14 150	02.08-	113897	12 1.4
Grand Scénic 1.5 DCi	[K9K728]	04.04-	113940	14 110 A47			
		04.04-	113945	14 150			
		08.07-	114354	14 150			
	[K9K729]	04.04-	113940	14 110 A47	04.04-	113897	12 1.4
		04.04-	113945	14 150			
	[K9K830]				04.09-	113897	12 1.4
	[K9K832]	02.09-	113940	14 110 A47			
		02.09-	113945	14 150			
[K9K836]				04.09-	113897	12 1.4	
[K9K846]	11.10-	114721	14 150	11.10-	113897	12 1.4	
Grand Scénic 1.6	[K4M761]	04.04-	113940	14 110 A47	04.04-	113932	12 0.85
		04.04-	113945	14 150			
	[K4M782]	04.04-	113940	14 110 A47	04.04-	113932	12 0.85
		04.04-	113945	14 150			
[K4M788]	06.06-	113940	14 110 A47	06.06-	113932	12 0.85	
	06.06-	113945	14 150				
Grand Scénic 1.9 DCi	[F9Q804]	05.05-	113945	14 150	05.05-	112474	12 1.8



	[F9Q812]	04.04-	113919	14	125		04.04-	112474	12	1.8
	[F9Q814]	05.05-	113919	14	125					
		05.05- 01.09	112144	14	98		05.05- 01.09	112474	12	1.8
		05.05- 01.09	113919	14	125					
Grand Scénic 2.0	[F4R770]	04.04-	113919	14	125		04.04-	114814	12	0.9
	[F4R771]	04.04-	113919	14	125		04.04-	114814	12	0.9
	[F4R776]	04.04-	113919	14	125		04.04-	114814	12	0.9
Grand Scénic 2.0 DCi	[M9R700]	09.05-	114768	14	120					
Kangoo 1.2	[D7F710]	10.97-	112165	14	75		10.97- 04.98	111641	12	0.7
	[D7F720]	03.98-	113403	14	75		03.98-	111641	12	0.7
	[D7F722]	03.98-	113403	14	75		03.98-	111641	12	0.7
	[D7F726]	03.98-	113403	14	75		03.98-	111641	12	0.7
	[D7F744]	03.98-	113403	14	75		03.98-	111641	12	0.7
	[D7F746]	03.98-	113403	14	75		03.98-	111641	12	0.7
		03.98-	113577	14	75					
Kangoo 1.2 Express	[D7F710]	10.97-	112165	14	75	BO	10.97-	111641	12	0.7
		03.98-	113577	14	75					
	[D7F720]	03.98-	113403	14	75		03.98-	111641	12	0.7
	[D7F722]	03.98-	113403	14	75		03.98-	111641	12	0.7
	[D7F726]	03.98-	113403	14	75		03.98-	111641	12	0.7
	[D7F744]	03.98-	113403	14	75		03.98-	111641	12	0.7
	[D7F746]	03.98-	113403	14	75		03.98-	111641	12	0.7
Kangoo 1.2 16V	[D4F712]	06.01-	113403	14	75		06.01-	111641	12	0.7
	[D4F714]	06.01-	113403	14	75		05.00-	111641	12	0.7
	[D4F716]	06.01-	113403	14	75		05.00-	111641	12	0.7
Kangoo 1.2 16V Express	[D4F712]	10.01-	113403	14	75		10.01-	111641	12	0.7
	[D4F714]	10.01-	113403	14	75		05.00-	111641	12	0.7
Kangoo 1.4	[E7J634]	09.98-	112199	14	75		03.98-	111251	12	1.1
		AC 09.98-	112144	14	98					
	[E7J635]	03.98-	112199	14	75		03.98-	111251	12	1.1
		AC 09.98-	112144	14	98					
	[E7J780]						03.98-	111251	12	1.1
	[K7J700]	06.00-	112199	14	75		03.98-	111251	12	1.1
		AC 06.00-	112144	14	98					
	[K7J701]	06.00-	112199	14	75		03.98-	111251	12	1.1
		AC 06.00-	112144	14	98					
Kangoo 1.4 Express	[E7J634]	09.98-	112199	14	75		03.98-	111251	12	1.1
		AC 09.98-	112144	14	98					
	[E7J635]	09.98-	112199	14	75		03.98-	111251	12	1.1
		AC 09.98-	112144	14	98					
	[E7J780]						03.98-	111251	12	1.1
	[K7J701]	06.00-	112199	14	75		03.98-	111251	12	1.1
		AC 06.00-	112144	14	98					
Kangoo 1.5 DCi	[K9K700]	12.01-	114673	14	120		12.01-	113927	12	1.1
		AC 05.00-	113248	14	120					
	[K9K702]	02.01-	113248	14	120		07.02-	113927	12	1.1
		07.02-	114673	14	120					
	[K9K704]	12.01-	114673	14	120		12.01-	113927	12	1.1
		07.03-	113862	14	125		07.03-	113897	12	1.4
		AC 05.00-	113248	14	120					
	[K9K710]	07.02-	114673	14	120		07.02-	113927	12	1.1
		AC 02.01-	113248	14	120					
	[K9K714]	06.05-	112457	14	110		06.05-	113897	12	1.4
		06.05-	113862	14	125					
	[K9K718]	06.05-	112457	14	110		06.05-	113897	12	1.4
		06.05-	113862	14	125					
	[K9K802]	09.10-	114721	14	150		09.10-	113897	12	1.4
	[K9K804]						06.09-	113897	12	1.4
		04.05- 06.10	112457	14	110		04.05- 06.10	113897	12	1.4
		04.05- 06.10	113862	14	125					
		04.05- 06.10	113940	14	110					
Kangoo 1.5 DCi 110	[K9K804]	09.10-	114721	14	150		09.10-	113897	12	1.4
Kangoo 1.5 DCi Be Bop	[K9K800]						06.09-	113897	12	1.4
Kangoo 1.5 DCi Express	[K9K700]	12.01-	114673	14	120		12.01-	113927	12	1.1
		AC 05.00-	113248	14	120					
	[K9K702]	02.01-	113248	14	120		04.03-	113927	12	1.1
		04.03-	114673	14	120					
	[K9K704]	12.02-	114673	14	120		12.02-	113927	12	1.1
		AC 05.00-	113248	14	120					
	[K9K710]	04.03-	114673	14	120		04.03-	113927	12	1.1
		AC 02.01-	113248	14	120					
	[K9K714]	06.05-	113862	14	125					
	[K9K718]	06.05-	112457	14	110		06.05-	113897	12	1.4
		06.05-	113862	14	125					
		06.05-	114673	14	120					
	[K9K800]	09.10-	114721	14	150		09.10-	113897	12	1.4
	[K9K804]	09.10-	114721	14	150		09.10-	113897	12	1.4
Kangoo 1.6	[K7M750]						02.08-	114180	12	0.8
Kangoo 1.6 Be Bop	[K4M]	02.09-	115411*	14	110		02.09-	113932	12	0.85
Kangoo 1.6 Express	[K7M750]						02.08-	114180	12	0.8
Kangoo 1.6 16V	[K4M750]						09.01-	112218	12	1.0
	[K4M752]	09.01-	112199	14	75		09.01-	112218	12	1.0
	[K4M753]						09.01-	112218	12	1.0
	[K4M830]	02.08-	115411*	14	110		02.08-	113932	12	0.85
	[K4M831]	02.08-	115411*	14	110		02.08-	113932	12	0.85
Kangoo 1.6 16V 4x4	[K4M750]	PS 10.01-	112199	14	75		09.01-	112218	12	1.0
		AC 10.01-	112144	14	98					
	[K4M752]	PS 10.01-	112199	14	75		09.01-	112218	12	1.0
		AC 10.01-	112144	14	98					

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

RENAULT *Continued*

	[K4M753]	PS 10.01- AC 10.01-	112199 112144	14 75 14 98		09.01-	112218	12 1.0
Kangoo 1.6 16V Express	[K4M752]	02.01- AC 02.01-	112199 112144	14 75 14 98		09.01-	112218	12 1.0
	[K4M830]	02.08-	115411*	14 110		02.08-	113932	12 0.85
Kangoo 1.6 16V Express 4x4	[K4M750]	PS 10.01- AC 10.01-	112199 112144	14 75 14 98		06.00-	112218	12 1.0
	[K4M752]	PS 10.01- AC 10.01-	112199 112144	14 75 14 98		06.00-	112218	12 1.0
	[K4M753]	PS 10.01- AC 10.01-	112199 112144	14 75 14 98		09.01-	112218	12 1.0
Kangoo 1.6 16V Express LPG	[K4M834]	02.08-	115411*	14 110		02.08-	113932	12 0.85
Kangoo 1.6 16V Hi-Flex Hi-Flex	[K4M830]	02.08-	115411*	14 110		02.08-	113932	12 0.85
	[F9Q790]					10.03-	113929	12 1.2
Kangoo 1.9 DCi Express	[F9Q782]					07.03-	112295	12 1.7
Kangoo 1.9 DCi Express 4x4	[F9Q]	07.03-	111718	14 75				
	[F9Q782]					10.01-	113929	12 1.2
	[F9Q790]					10.01-	113929	12 1.2
Kangoo 1.9 Diesel	[F8Q630]	08.97- 09.97- 03.98- AC 09.97-	112059 111718 112470 112059	14 110 14 75 14 110 14 110		10.97- 10.97-	113481 112295	12 1.4 12 1.7
	[F8Q632]					03.98-	112295	12 1.7
	[F8Q662]	08.97- 09.97- 03.98- AC 09.97-	112059 111718 112470 112059	14 110 14 75 14 110 14 110		10.97- 10.97-	113481 112295	12 1.4 12 1.7
Kangoo 1.9 Diesel Express	[F8Q630]	09.97- 03.98- AC 09.97-	111718 112470 112059	14 75 14 110 14 110		10.97- 10.97-	113481 112295	12 1.4 12 1.7
	[F8Q632]					03.98-	112295	12 1.7
	[F8Q662]	09.97- 03.98- AC 09.97-	111718 112470 112059	14 75 14 110 14 110		10.97- 10.97-	113481 112295	12 1.4 12 1.7
Kangoo 1.9 DTi	[F9Q780]	02.00- 02.00- AC 02.00-	111718 112470 112059	14 75 14 110 14 110		02.00- 02.00-	113481 112295	12 1.4 12 1.7
Kangoo 1.9 DTi Express	[F9Q780]	02.00- 02.00- AC 02.00-	111718 112470 112059	14 75 14 110 14 110		02.00- 02.00-	113481 112295	12 1.4 12 1.7
	[F9Q782]					02.00- 02.00-	112295 113929	12 1.7 12 1.2
Laguna 1.5 dCi	[K9K846]	03.12-	114721	14 150		03.12-	113897	12 1.4
Laguna 1.6 16V	[K4M710]	03.01- 03.01- AC 03.01-	112144 112470 112144	14 98 14 110 14 98		03.01-	112218	12 1.0
	[K4M716]					02.05-	113932	12 0.85
	[K4M720]	11.97- 11.97- AC 11.97-	112144 112199 112144	14 98 14 75 14 98		11.97-	112218	12 1.0
	[K4M724]	AC 05.98- 02.01	112144	14 98		11.97- 02.01	112218	12 1.0
Laguna 1.8	[F3P670]	09.95- AC 09.95- 04.98	111722 112679	14 75 A27 14 110 A27, A28		09.95- A13 09.95-	111251 113481	12 1.1 12 1.4
	[F3P678]					01.94- A13 01.94-	111251 113481	12 1.1 12 1.4
	[F3P720]	11.95- AC 11.93- 11.95	111722 112679	14 75 14 110		11.93- 11.95 A13 11.93- 11.95	111251 113481	12 1.1 12 1.4
	[F3P724]	05.95- AC 11.93- 04.98	111722 112679	14 75 A27 14 110 A27, A28		11.93- A13 11.93-	111251 113481	12 1.1 12 1.4
Laguna 1.8 RT	[F3P670]	08.95- AC 08.95- 04.98	111722 112679	14 75 A27 14 110 A27, A28		08.95- A13 08.95-	111251 113481	12 1.1 12 1.4
	[F3P678]					01.94- A13 01.94-	111251 113481	12 1.1 12 1.4
	[F3P720]	AC 01.94- 01.96	112679	14 110 A28, A27		A13 01.94-	113481	12 1.4
	[F3P724]					01.94- A13 01.94-	111251 113481	12 1.1 12 1.4
Laguna 1.8 16V	[F4P760]	04.98- 04.98- 04.98- AC 04.98-	111718 112144 112470 112144	14 75 14 98 14 110 14 98				
	[F4P770]	03.01- 03.01- 03.01- 03.01- 03.01- AC 03.01-	111718 112144 112470 112471 113245 113249 113249	14 75 14 98 14 110 14 125 14 125 14 125 14 125		03.01-	113761	12 0.9
	[F4P771]	03.01- 08.02 09.02-	113249 113245	14 125 14 125		03.01-	113761	12 0.9
	[F4P772]					03.01- 03.01-	113761 114814	12 0.9 12 0.9
	[F4P773]	03.01- 03.01- 03.01- 08.02 AC 03.01-	112471 113245 113249 113249	14 125 14 125 14 125 14 125		03.01-	113761	12 0.9
	[F4P774]	03.01- 08.02 09.02-	113249 113245	14 125 14 125		03.01- 03.01-	113761 114814	12 0.9 12 0.9



	[F4P775]	03.01- 08.02	113249	14	125		03.01- 09.07	114814	12	0.9
		09.02-	113245	14	125		03.01-	113761	12	0.9
Laguna 1.9 DCi	[F9Q664]	03.04-	114700	14	150		03.04-	112474	12	1.8
	[F9Q670]	03.01-	112471	14	125		03.01-	112474	12	1.8
		03.01-	113248	14	120					
	[F9Q674]	01.05-	114700	14	150		01.05-	112474	12	1.8
	[F9Q718]	03.01-	114353	14	150		09.99-	112474	12	1.8
		09.99-	112458	14	120 A47					
		09.99-	112471	14	125					
		09.99- 03.01	113248	14	120					
	[F9Q750]	03.01-	112471	14	125		03.01-	112474	12	1.8
		03.01-	113248	14	120					
	[F9Q752]	03.01-	113248	14	120		06.01-	112474	12	1.8
		06.01-	112471	14	125		06.01-	114814	12	0.9
		AC 06.01-	114353	14	150					
	[F9Q754]	03.01-	113248	14	120		03.01-	112474	12	1.8
		03.01-	114353	14	150					
		10.01-	112471	14	125					
		AC 10.01-	114353	14	150					
	[F9Q756]	03.01-	112471	14	125		03.01-	112474	12	1.8
		03.01-	113248	14	120					
		03.01-	114353	14	150					
	[F9Q758]	05.05- 09.07	114700	14	150		08.05- 09.07	112474	12	1.8
	[F9Q759]	05.05-	114700	14	150					
		08.03- 09.07	114700	14	150		08.03- 09.07	112474	12	1.8
Laguna 1.9 TDI	[F9Q710]						10.97- 03.01	112295	12	1.7
		AC 10.97- 03.01	112458	14	120 A47					
	[F9Q716]	10.97-	111775#	14	120		10.97- 03.01	112295	12	1.7
		AC 10.97-	111719	14	120		10.97-	113481	12	1.4
Laguna 2.0	[F3R611]	01.99- 02.01	112679	14	110		A13 01.99-	113481	12	1.4
							01.99-	111251	12	1.1
	[F3R722]	07.95- 02.01	111722	14	75 A27		11.93-	111251	12	1.1
		AC 11.93- 02.01	112679	14	110 A27, A28		A13 11.93-	113481	12	1.4
	[F3R723]	07.95- 02.01	111722	14	75 A27		A13 11.93-	113481	12	1.4
		AC 11.93- 02.01	112679	14	110 A28, A27		11.93-	111251	12	1.1
	[F4R800]						03.08-	114814	12	0.9
Laguna 2.0 GT	[F4R800]						03.08-	114814	12	0.9
Laguna 2.0 16V	[F4R712]	A22 06.01- 08.02	113245	14	125		08.02-	114814	12	0.9
		A22 09.02-	113249	14	125					
	[F4R713]	09.02-	113249	14	125		08.02-	114814	12	0.9
		A22 06.01- 08.02	113245	14	125					
		A22 09.02-	113249	14	125					
	[F4R714]	08.02-	113837	14	150		08.02-	114814	12	0.9
		A22 06.01- 08.02	113245	14	125					
		A22 09.02-	113249	14	125					
	[F4R715]	A22 06.01- 08.02	113245	14	125		08.02-	114814	12	0.9
		A22 09.02-	113249	14	125		09.01-	113761	12	0.9
	[F4R780]	09.99- 02.01	111718	14	75		09.99- 03.01	113605	12	1.1
		09.99- 02.01	112144	14	98					
		09.99- 02.01	112470	14	110					
		09.99- 03.01	112557	14	120					
		AC 09.99- 03.01	112144	14	98					
	[F4R784]	01.05-	113837	14	150		01.05-	114814	12	0.9
	[F4R786]						01.05-	114814	12	0.9
	[F4R787]						01.05-	114814	12	0.9
	[F4R886]	01.05-	113837	14	150		01.05-	114814	12	0.9
	[N7Q700]	06.95- 02.01	112557	14	120		06.95- 03.01	113605	12	1.1
	[N7Q704]	06.95- 02.01	112557	14	120		06.95- 03.01	113605	12	1.1
		10.04- 09.07	113837	14	150					
Laguna 2.0 16V Turbo	[F4R811]						10.07-	114814	12	0.9
Laguna 2.0 iDE 16V	[F5R700]	04.01-	113245	14	125		04.01-	114814	12	0.9
Laguna 2.0 Turbo	[F4R887]						01.05- 09.07	114814	12	0.9
Laguna 2.0 Turbo 16V	[F4R764]	07.02-	113245	14	125		01.03-	114814	12	0.9
		01.03-	114122	14	150					
	[F4R765]	07.02-	113245	14	125		01.03-	114814	12	0.9
		01.03-	114122	14	150					
	[F4R786]	01.03-	113837	14	150		01.03-	114814	12	0.9
	[F4R787]	01.03-	113837	14	150		01.03-	114814	12	0.9
Laguna 2.0 DCi	[M9R700]						08.05-	115354	12	1.3
	[M9R740]	08.05-	114509	14	150		08.05-	115354	12	1.3
	[M9R760]	01.06-	114509	14	150		01.06-	114074	12	2.2
Laguna 2.2 DCi	[G9T600]	05.05-	114122	14	150		05.05-	114161	12	2.4
	[G9T605]	05.05-	114122	14	150		05.05-	114161	12	2.4
	[G9T702]	03.01- 02.03	113245	14	125		10.01-	112475	12	2.1
		10.01-	114122	14	150		10.01-	114161	12	2.4
	[G9T706]	05.05-	114122	14	150		05.05-	114161	12	2.4
	[G9T707]	05.05-	114122	14	150		05.05-	114161	12	2.4
Laguna 2.2 Diesel	[G8T752]	02.94-	112679	14	110 A27, A28					
		AC 11.93-	112679	14	110					
	[G8T760]	03.96-	112679	14	110					
	[G8T794]	02.94-	112679	14	110 A27, A28					
		AC 11.93-	112679	14	110					
Laguna 2.2 TD	[G8T760]	03.96-	112679	14	110					
Laguna 3.0	[Z7X760]						11.93-	111333	12	1.1
	[Z7X765]						01.94-	111333	12	1.1
Laguna 3.0 V6 24V	[L7X731]						AT 03.01-	115354	12	1.3
Latitude 1.5 dCi	[K9K782]						07.10-	113897	12	1.4
Latitude 2.0 DCi	[M9R804]						05.11-	114074	12	2.2
							02.11-	114074	12	2.2

## STARTERS & ALTERNATORS

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Application list

**RENAULT** *Continued*

Latitude 2.0 DCi 150	[M9R824]					02.11-	114074	12	2.2
Logan 1.5 DCi	[K9K796]	02.08-	113862	14 125		02.08-	113897	12	1.4
		02.08-	113940	14 110 A47					
Logan 1.6	[K4M690]					04.07-	113932	12	0.85
Logan 1.6 MCV	[K4M690]					04.07-	113932	12	0.85
Master 1.9 DCi 80	[F9Q772]	11.01-	113248	14 120		11.01-	112474	12	1.8
		AC 11.01-	112471	14 125					
	[F9Q774]	11.01-	113248	14 120		11.01-	112474	12	1.8
		AC 11.01-	112471	14 125					
Master 2.2 DCi 90	[G9T720]	09.00-	113248	14 120		09.00-	112475	12	2.1
		AC 09.00-	112471	14 125					
	[G9T722]	09.00-	113248	14 120		09.00-	112475	12	2.1
		AC 09.00-	112471	14 125					
	[G9T750]	09.00-	113248	14 120		09.00-	112475	12	2.1
		AC 09.00-	112471	14 125					
Master 2.3 DCi	[M9T670]					02.10-	114074	12	2.2
	[M9T672]					02.10-	114074	12	2.2
	[M9T676]					02.11-	114074	12	2.2
	[M9T678]					02.10-	114074	12	2.2
	[M9T680]					02.11-	114074	12	2.2
	[M9T686]					02.10-	114074	12	2.2
	[M9T690]					02.10-	114074	12	2.2
	[M9T692]					02.10-	114074	12	2.2
	[M9T694]					02.10-	114074	12	2.2
						10.12-	114074	12	2.2
Master 2.5 DCi	[G9U632]	08.06-	113837	14 150		08.06-	112475	12	2.1
		08.06-	114700	14 150					
	[G9U650]	08.06-	113837	14 150					
		08.06-	114700	14 150					
	[G9U754]	01.04-	114700	14 150					
		08.06-	113837	14 150					
Master 2.5 DCi 100	[G9U754]	10.03-	113837	14 150		10.03-	112475	12	2.1
		10.03-	114122	14 150					
Master 2.5 DCi 120	[G9U754]	10.01-	113837	14 150					
		10.01-	114122	14 150					
Master 2.5 DCi 90	[G9U720]	10.01-	113248	14 120		10.01-	112475	12	2.1
		10.01-	113837	14 150					
		AC 10.01-	113245	14 125					
Master 2.5 Diesel	[S8U770]	09.97-	111937	14 75		07.98-	112103	12	2.2
		09.97-	112057	14 110					
Master 2.8 Diesel	[S9W702]	09.97-	111937	14 75		07.98-	112103	12	2.2
		09.97-	112057	14 110					
Master 2.8 DTi	[S9W702]	09.97-	111937	14 75		09.97-	112103	12	2.2
		09.97-	112057	14 110					
Master 3.0 DCi	[ZD3]	06.05-	113993	14 135		06.05-	114032	12	2.5
Master 3.0 DCi 140	[ZD3200]	10.03-	113993	14 135		10.03-	114032	12	2.5
	[ZD3202]	10.03-	113993	14 135		10.03-	114032	12	2.5
Master 28-35 2.0	[829730]					10.82- 09.86	111063	12	1.2
	[829731]					08.80- 10.86	111063	12	1.2
	[J5R718]					10.86- 09.94	111063	12	1.2
	[J5R728]					10.86- 09.94	111063	12	1.2
Master 28-35 2.1 Diesel	[J8S330]	08.80- 07.98	111072	14 50		08.80- 09.94	111114	12	3.1
Master 28-35 2.4 Diesel	[8140.61.2300]	08.80- 08.89	110889	14 75		01.85- 08.89	113134	12	2.2
						08.80- 08.89	110814	12	2.7
	[S8U731]	08.80- 08.89	110889	14 75		01.85- 08.89	113134	12	2.2
						08.80- 08.89	110814	12	2.7
Master 28-35 2.5 Diesel	[8140.61.2300]	09.80- 07.98	110889	14 75		01.85- 07.98	113134	12	2.2
						09.80- 07.98	110814	12	2.7
	[8140.67.2510]	08.89- 07.98	110889	14 75		08.89- 07.98	113134	12	2.2
	[S8U731]	09.80- 07.98	110889	14 75		01.85- 07.98	113134	12	2.2
						09.80- 07.98	110814	12	2.7
	[S8U742]	08.89- 07.98	110889	14 75		08.89- 07.98	113134	12	2.2
Master 28-35 2.5 TD	[8140.27.2580]	03.89- 07.98	110889	14 75		08.89- 07.98	113134	12	2.2
	[S9U702]	03.89- 07.98	110889	14 75		08.89- 07.98	113134	12	2.2
Master 30 2.2	[J7T782]					08.80- 07.98	111063	12	1.2
	[J7T788]					01.94- 09.94	111063	12	1.2
Master 35 2.5 TD	[8140.27.2500]	08.89- 07.98	110889	14 75		08.89- 07.98	113134	12	2.2
	[8140.27.2510]	08.89- 07.98	110889	14 75		08.89- 07.98	113134	12	2.2
	[S9U714]	08.89- 07.98	110889	14 75		08.89- 07.98	113134	12	2.2
Megane 1.4	[E7J626]	03.99- 10.02	112199	14 75		09.99-	113481	12	1.4
		AC 03.99- 10.02	112144	14 98					
	[E7J764]	09.96- 06.97	112695#	14 80		02.99-	113481	12	1.4
		06.97-	111934	14 80		09.96-	111251	12	1.1
		AC 09.96- 06.97	111512#	14 110					
	[K4J730]	08.03-	113940	14 110 A47		08.03-	113932	12	0.85
		08.03-	113945	14 150					
	[K4J732]	09.03-	113940	14 110 A47		09.03-	113932	12	0.85
	[K4J740]	08.03-	113940	14 110 A47		08.03-	113932	12	0.85
		08.03-	113945	14 150					
Megane 1.4 ECO	[E7J624]	02.96- 06.97	112695#	14 80		02.96-	111251	12	1.1
		06.97-	111934	14 80					
		AC 02.96- 06.97	111512#	14 110					
Megane 1.4 16V	[K4J714]	05.00- 09.03	112199	14 75		03.99-	113761	12	0.9
						03.99-	113932	12	0.85
						03.99- 09.03	112218	12	1.0
		AC 05.00- 09.03	112144	14 98					
	[K4J730]	11.02-	113940	14 110 A47		11.02-	112218	12	1.0
		11.02-	113945	14 150		11.02-	113932	12	0.85
	[K4J732]	10.03-	113940	14 110 A47		10.03-	113932	12	0.85



	[K4J740]	11.02-	113940	14	110 A47	11.02-	112218	12	1.0
		11.02-	113945	14	150	11.02-	113932	12	0.85
	[K4J750]	03.99-	112144	14	98	03.99-	112218	12	1.0
		03.99-	112199	14	75	03.99-	113761	12	0.9
		AC 03.99-	112144	14	98				
		A22 03.99-	112144	14	98				
Megane 1.4 i	[E7J626]	01.97- 06.97	112695#	14	80	01.97- 10.02	111251	12	1.1
		06.97-	111934	14	80	03.99-	113753	12	0.9
		AC 01.96- 10.02	112144	14	98				
		AC 01.97- 06.97	111512#	14	110				
	[E7J764]	01.96- 06.97	112695#	14	80	01.96-	111251	12	1.1
		06.97-	111934	14	80				
		AC 01.96- 06.97	111512#	14	110				
Megane 1.5 DCi	[K9K722]	11.02-	113940	14	110 A47	11.02-	113927	12	1.1
		11.02-	113945	14	150				
		08.03-	114673	14	120				
		09.03-	114354	14	150				
	[K9K724]	05.05-	113940	14	110 A47	05.05-	113897	12	1.4
		05.05-	114354	14	150				
	[K9K728]	02.04-	114354	14	150	02.04-	113897	12	1.4
		02.04-	114673	14	120				
	[K9K729]	10.03-	113940	14	110 A47	02.04-	113897	12	1.4
		10.03-	113945	14	150				
		10.03-	114354	14	150 BO				
		02.04-	114673	14	120				
	[K9K732]	10.03-	113940	14	110 A47	02.04-	113897	12	1.4
		10.03-	113945	14	150	02.04-	113841	12	1.7
		10.03-	114354	14	150 BO				
		02.04-	114673	14	120				
		05.05-	114721	14	150				
	[K9K734]	05.05-	114354	14	150	05.05-	113897	12	1.4
		05.05-	114721	14	150				
	[K9K830]					11.08-	113897	12	1.4
Megane 1.6	[K4M760]	08.03-	113940	14	110 A47	08.03-	113932	12	0.85
		08.03-	113945	14	150				
	[K4M761]	08.03-	113940	14	110 A47	08.03-	113932	12	0.85
		08.03-	113945	14	150				
	[K4M762]					05.05-	113932	12	0.85
	[K7M702]	10.96- 03.99	112695#	14	80 A28	10.96- 09.03	111251	12	1.1
		06.97- 03.99	111934	14	80 A27				
		AC 10.96- 03.99	111512#	14	110 A28				
	[K7M703]	10.96- 03.99	112695#	14	80 A28	10.96- 09.03	111251	12	1.1
		06.97- 03.99	111934	14	80 A27				
		AC 10.96- 03.99	111512#	14	110 A28				
Megane 1.6 E	[K7M702]	01.96- 03.99	111934	14	80 A27	01.96- 03.99	111251	12	1.1
		01.96- 02.99	112695#	14	80 A28	01.96-	112218	12	1.0
		AC 01.96- 02.99	111512#	14	110 A28				
		AC 03.99-	111934	14	80 A27				
	[K7M703]	01.96- 03.99	111934	14	80 A27	01.96- 03.99	111251	12	1.1
		01.96- 02.99	112695#	14	80 A28				
		AC 01.96- 02.99	111512#	14	110 A28				
		AC 03.99-	111934	14	80 A27				
	[K7M790]					01.96- 03.99	111251	12	1.1
Megane 1.6 16V	[K4M C813]	01.07-	115411*	14	110	01.07-	113932	12	0.85
	[K4M D812]	01.07-	115411*	14	110	01.07-	113932	12	0.85
	[K4M700]	03.99-	112144	14	98	03.99-	112218	12	1.0
		03.99-	112199	14	75				
		AC 03.99-	112144	14	98				
		A22 03.99-	112144	14	98				
	[K4M701]	08.98- 09.03	112199	14	75	08.98- 09.03	112218	12	1.0
		AC 08.98- 09.03	112144	14	98				
	[K4M704]	03.99- 10.02	112199	14	75	03.99- 10.02	112218	12	1.0
		AC 03.99- 10.02	112144	14	98				
	[K4M708]	03.99- 09.03	112199	14	75	03.99- 09.03	112218	12	1.0
		AC 03.99- 09.03	112144	14	98				
	[K4M760]	11.02-	113940	14	110 A47	11.02-	112218	12	1.0
		11.02-	113945	14	150	11.02-	113932	12	0.85
		01.07-	115411*	14	110				
	[K4M761]	01.07-	115411*	14	110	01.07-	113932	12	0.85
	[K4M768]					01.07-	113932	12	0.85
	[K4M788]					01.07-	113932	12	0.85
	[K4M812]	01.07-	115411*	14	110	05.05-	113932	12	0.85
	[K4M813]	01.07-	115411*	14	110	01.07-	113932	12	0.85
	[K4M848]					11.08-	113932	12	0.85
Megane 1.6 16V Flex-Fuel	[K4M856]	02.08-	115411*	14	110	02.08-	113932	12	0.85
Megane 1.6 FlexFuel	[K4M856]	01.07-	115411*	14	110	01.07-	113932	12	0.85
Megane 1.6 i	[K7M720]	01.96- 03.99	112695#	14	80	01.96- 03.99	111251	12	1.1
		06.97- 03.99	111934	14	80				
		AC 11.95- 08.97	111512#	14	110				
Megane 1.8 16V	[F4P720]	05.00- 09.03	112144	14	98	01.01-	113761	12	0.9
		AC 03.99- 10.02	112144	14	98				
	[F4P722]	05.00- 09.03	112144	14	98	01.01-	113761	12	0.9
		AC 03.99- 10.02	112144	14	98				
Megane 1.9 DCi	[F9Q732]	02.01- 10.02	111718	14	75	02.01-	113929	12	1.2
		02.01- 10.02	112470	14	110				
		AC 02.01-	112458	14	120 A47				
	[F9Q733]	02.01- 08.03	112458	14	120 A47				
		AC 02.01-	112458	14	120 A47				

## STARTERS &amp; ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

RENAULT Continued

	[F9Q738]	02.01- AC 02.01-	111718 112458	14 75 14 120 A47				
	[F9Q750]	11.02-	113919	14 125	11.02-	112474	12 1.8	
	[F9Q800]	08.03- 09.03- 09.03- 05.05-	113940 113837 113919 112144	14 110 A47 14 150 14 125 14 98	09.03-	112474	12 1.8	
	[F9Q803]	05.05- 05.05-	113837 113919	14 150 14 125	05.05- 05.05-	112474 113897	12 1.8 12 1.4	
	[F9Q804]	05.05- 05.05- 05.05- 05.05-	112144 113837 113919 115310*	14 98 14 150 14 125 14 110	05.05- 05.05-	112474 113897	12 1.8 12 1.4	
	[F9Q808]	11.02- 12.05	113919	14 125	10.03-	112474	12 1.8	
	[F9Q816]	01.06-	113919	14 125				
	[F9Q818]	01.06-	113919	14 125				
Megane 1.9 Diesel	[F8Q620]	01.97- 04.97- AC 09.96- 05.97 AC 04.97-	111722 111775# 112679 111719	14 75 14 120 14 110 14 120	09.96- 09.96-	113481 112295	12 1.4 12 1.7	
	[F8Q622]				04.99- 09.03	112295	12 1.7	
	[F8Q624]				09.96-	112295	12 1.7	
	[F8Q790]	03.97- 04.97- 04.99- AC 03.97- 05.97 AC 04.97-	111722 111775# 112470 112679 111719	14 75 14 120 14 110 14 110 14 120	03.97- 09.03	112295	12 1.7	
Megane 1.9 Diesel Eco	[F8Q620]	01.96- 04.97- AC 11.95- 05.97 AC 04.97-	111722 111775# 112679 111719	14 75 14 120 14 110 14 120	01.96- 01.96-	113481 112295	12 1.4 12 1.7	
	[F8Q624]				01.96-	112295	12 1.7	
Megane 1.9 DTI	[F9Q731]	03.99-	111718	14 75	03.99- 03.99-	112295 113481	12 1.7 12 1.4	
	[F9Q736]	03.99-	111718	14 75	03.99- 03.99-	113481 112295	12 1.4 12 1.7	
	[F9Q744]	02.01- 02.01- 02.01- AC 02.01-	111718 112458 112470 112458	14 75 14 120 A47 14 110 14 120 A47	02.01-	113929	12 1.2	
Megane 1.9 TD	[F8Q784]	01.97- 04.97- AC 11.95- 05.97 AC 04.97-	111722 111775# 112679 111719	14 75 14 120 14 110 14 120	01.96- 01.96-	113481 112295	12 1.4 12 1.7	
	[F8Q786]				01.96- 09.99	112295	12 1.7	
Megane 1.9 TDi	[F8Q784]	06.97- 06.97- AC 06.97-	111722 111775# 111719	14 75 14 120 14 120	09.96-	112295	12 1.7	
	[F9Q730]	06.97- 06.97- AC 06.97-	111722 111775# 111719	14 75 14 120 14 120	03.97- 03.97-	112295 113481	12 1.7 12 1.4	
	[F9Q731]	03.99- 09.03 AC 03.97- 02.01	111718 112458	14 75 14 120 A47	03.97- 03.97-	113481 112295	12 1.4 12 1.7	
	[F9Q734]	06.97- 06.97- AC 06.97-	111722 111775# 111719	14 75 14 120 14 120	03.97- 03.97-	112295 113481	12 1.7 12 1.4	
	[F9Q736]	03.99- 09.03 AC 03.97- 02.01	111718 112458	14 75 14 120 A47	03.97- 03.97-	113481 112295	12 1.4 12 1.7	
Megane 2.0	[F3R750]	04.97- AC 04.97-	111722 112679	14 75 14 110	04.97- A13 04.97-	111251 113481	12 1.1 12 1.4	
	[F4R770]	08.03-	113919	14 125	08.03-	114814	12 0.9	
	[F4R771]	08.03-	113919	14 125	08.03-	114814	12 0.9	
	[F4R774]	08.06-	113919	14 125	08.06-	114814	12 0.9	
Megane 2.0 Sport	[F4R774]	05.04-	113919	14 125	05.04-	114814	12 0.9	
Megane 2.0 16V	[F4R746]	09.01- 10.02	112144	14 98	09.01- 10.02	113761	12 0.9	
	[F4R770]	01.02- 11.02-	112144 113919	14 98 14 125	01.01- 09.03 01.02-	113761 114814	12 0.9 12 0.9	
	[F7R710]				A13 11.95- 04.97 11.95- 04.97	113481 111251	12 1.4 12 1.1	
	[F7R714]	03.96- 03.99-	111718 112144	14 75 14 98	A13 05.97- 09.03 03.96- 09.03	113481 111251	12 1.4 12 1.1	
Megane 2.0 i	[F3R750]	09.96- 03.99 03.99- AC 01.96- 03.99	111722 112679 112679	14 75 14 110 14 110	A13 01.96- 03.99 01.96- 03.99	113481 111251	12 1.4 12 1.1	
	[F3R751]				01.96-	111251	12 1.1	
	[F3R752]	03.99- 03.99-	111722 112679	14 75 14 110	03.99- A13 03.99-	111251 113481	12 1.1 12 1.4	
	[F3R791]	03.99- 03.99-	111722 112679	14 75 14 110	03.99- A13 03.99-	111251 113481	12 1.1 12 1.4	
	[F3R796]	01.99- 01.99- AC 09.96- 09.03	111722 112679 112679	14 75 14 110 14 110	A13 01.99- 03.96- 09.03	113481 111251	12 1.4 12 1.1	
Megane 2.0 iDE 16V	[F5R740]	11.99- AC 11.99-	111718 112144	14 75 14 98				
Megane 2.0 Turbo 16V	[F4R776]	05.04-	113919	14 125	05.04-	114814	12 0.9	
Megane 2.0 DCi	[M9R615]				10.10-	114074	12 2.2	
	[M9R700]	09.05-	114768	14 120	09.05-	114074	12 2.2	



Megane CC 1.5 DCi	[K9K837]	06.10-	114721	14	150		06.10-	113897	12	1.4
Megane CC 1.6 16V	[K4M866]	06.10-	114463	14	120					
		06.10-	114721	14	150					
Megane CC 2.0 DCi	[M9R610]						06.10-	114074	12	2.2
Modus 1.2	[D4F740]	12.04-	114131	14	90		12.04-	111641	12	0.7
	[D4F764]	12.04-	114131	14	90					
	[D4F786]	04.11-	114131	14	90		04.11-	111641	12	0.7
Modus 1.2 16V	[D4F784]	05.07-	114131	14	90					
Modus 1.2 16V Hi-Flex	[D4F740]	10.08-	114131	14	90					
Modus 1.4	[K4J770]	12.04-	114463	14	120		12.04-	114057	12	1.1
Modus 1.5 DCi	[K9K752]	12.04-	114463	14	120		09.04-	113897	12	1.4
	[K9K760]	12.04-	114463	14	120		09.04-	113897	12	1.4
		12.04-	114721	14	150					
	[K9K762]	12.04-	114463	14	120		12.04-	113897	12	1.4
	[K9K764]	05.05-	114463	14	120		05.05-	113897	12	1.4
	[K9K766]	12.04-	114463	14	120		12.04-	113897	12	1.4
		12.04-	114721	14	150					
	[K9K770]	10.10-	114463	14	120		10.10-	113927	12	1.1
		10.10-	114721	14	150		10.10-	113897	12	1.4
Modus 1.6	[K4M790]	12.04-	114463	14	120		12.04-	114057	12	1.1
	[K4M800]						12.04-	114057	12	1.1
	[K4M801]						12.04-	114057	12	1.1
Modus 1.6 i 16V	[K4M791]	12.04-	114463	14	120		12.04-	114057	12	1.1
	[K4M792]	12.04-	114463	14	120		12.04-	114057	12	1.1
	[K4M794]	12.04-	114463	14	120		12.04-	114057	12	1.1
R11 1.1	[C1E715]	03.83- 03.91	110920#	14	50		03.83- 03.91	110585	12	1.2
		10.84- 03.91	111082	14	60					
	[C1E720]	03.83- 03.91	110920#	14	50		03.83- 03.91	110585	12	1.2
		10.84- 03.91	111082	14	60					
R11 1.2	[C1G700]	10.84- 12.86	110920#	14	50		10.84- 12.86	110585	12	1.2
		10.84- 02.86	111082	14	60					
	[C1G710]	06.86- 03.91	110920#	14	50		06.86- 03.91	110585	12	1.2
		06.86- 03.91	111082	14	60					
R11 1.4	[C1J715]	03.83- 12.85	110920#	14	50		03.83- 12.85	110585	12	1.2
		10.84- 12.85	111082	14	60					
	[C2J717]	05.83- 10.84	110920#	14	50		05.83- 03.91	110585	12	1.2
		10.84- 03.91	111082	14	60					
	[C2J718]	03.83- 10.84	110920#	14	50		03.83- 03.91	110585	12	1.2
		10.84- 03.91	111082	14	60					
	[C2J720]	03.83- 10.84	110920#	14	50		03.83- 03.91	110585	12	1.2
		10.84- 03.91	111082	14	60					
	[C2J730]	03.83- 03.91	110920#	14	50		03.83- 03.91	110585	12	1.2
		10.84- 03.91	111082	14	60					
	[C2J755]	05.83- 10.84	110920#	14	50		05.83- 03.91	110585	12	1.2
		10.84- 03.91	111082	14	60					
	[C2J757]	03.83- 10.84	110920#	14	50		03.83- 12.84	110585	12	1.2
		10.84- 12.84	111082	14	60					
	[C2J766]	03.83- 10.84	110920#	14	50		03.83- 03.91	110585	12	1.2
		10.84- 03.91	111082	14	60					
	[C2J767]	03.83- 10.84	110920#	14	50		03.83- 03.91	110585	12	1.2
		10.84- 03.91	111082	14	60					
	[C2J768]	06.85- 03.91	110920#	14	50		06.85- 03.91	110585	12	1.2
		06.85- 03.91	111082	14	60					
R11 1.4 Turbo	[C1J760]	09.83- 10.84	110920#	14	50		09.83- 12.86	110585	12	1.2
		10.84- 12.86	111082	14	60					
	[C1J764]	09.83- 10.84	110920#	14	50		09.83- 03.91	110585	12	1.2
		10.84- 03.91	111082	14	60					
	[C1J770]	06.85- 03.91	111082	14	60		06.85- 03.91	110585	12	1.2
	[C1J782]	06.85- 03.91	111082	14	60		06.85- 03.91	110585	12	1.2
R11 1.6 Diesel	[F8M700]						08.83- 03.91	112295	12	1.7
	[F8M720]						08.83- 09.87	112295	12	1.7
	[F8M730]						10.87- 03.91	112295	12	1.7
R11 1.7	[F2N700]	10.83- 12.87	112744	14	60		10.83- 12.87	110585	12	1.2
	[F2N704]	10.83- 06.87	112744	14	60		10.83- 06.87	110585	12	1.2
	[F2N708]	10.86- 03.91	112744	14	60		10.86- 03.91	110585	12	1.2
	[F2N710]	10.86- 03.91	112744	14	60		10.86- 03.91	110585	12	1.2
	[F2N730]	10.86- 03.91	112744	14	60		10.86- 03.91	110585	12	1.2
	[F2N732]	06.87- 12.88	111082	14	60		06.87- 03.91	110585	12	1.2
		06.87- 03.91	112744	14	60					
	[F2N742]	06.87- 03.91	112744	14	60		06.87- 03.91	110585	12	1.2
	[F2N798]	10.86- 03.91	112744	14	60		10.86- 03.91	110585	12	1.2
	[F3N708]	06.87- 12.88	111082	14	60		06.87- 12.88	110585	12	1.2
		06.87- 12.88	112744	14	60					
	[F3N718]	10.84- 03.91	112744	14	60		10.84- 03.91	110585	12	1.2
R12 1.3	[810]						06.80- 08.80	110866	12	0.9
	[810-06]						06.80- 08.80	110866	12	0.9
R12 1.3 Turbo TS	[810-06]						06.80- 08.80	110866	12	0.9
R14 1.2	[129]	05.76- 01.80	110887	14	45					
R18 1.4	[847720]						AT 04.78- 02.86	111064	12	1.05
							03.80- 02.86	111064	12	1.05
	[847722]						AT 04.78- 02.86	111064	12	1.05
							05.79- 07.86	111064	12	1.05
R18 1.6	[841717]						AT 04.78- 02.86	111064	12	1.05
							06.83- 02.86	111064	12	1.05
	[A2M723]						AT 04.78- 02.86	111064	12	1.05
							06.83- 02.86	111064	12	1.05
R18 2.0	[J6R716]						10.81- 07.86	111063	12	1.2
R18 2.0 4x4	[J6R714]						05.83- 12.86	111063	12	1.2



Application list

RENAULT Continued

R18 2.1 Diesel	[852710]				01.84- 02.86	111114	12 3.1
	[J8S711]				11.81- 07.86	112541	12 2.2
					01.84- 02.86	111114	12 3.1
					11.81- 07.86	112541	12 2.2
R18 2.1 TD	[J8S712]				01.84- 02.86	111114	12 3.1
R18 2.2 i	[J7T718]				06.84- 07.86	111063	12 1.2
R19 1.2	[C1G730]	01.88- 12.01	111082	14 60	01.88- 12.01	110585	12 1.2
		01.88- 12.95	112728	14 55			
R19 1.4	[C2J772]	01.89- 12.89	111082	14 60	01.89- 12.89	110585	12 1.2
		01.89- 12.89	112728	14 55	10.89- 04.92	111251	12 1.1
	[C3J710]	09.88- 10.95	111082	14 60	10.89- 04.92	111251	12 1.1
		09.88- 10.95	112728	14 55	09.88- 10.95	110585	12 1.2
	[E6J700]	01.88- 12.01	111325	14 70	01.88- 12.01	110585	12 1.2
		01.88- 12.95	112756	14 60	01.88- 12.95	113481	12 1.4
					01.92- 12.95	111251	12 1.1
	[E6J701]				01.88- 12.92	110585	12 1.2
					01.88- 12.92	113481	12 1.4
	[E7J]	03.92- 12.95	111325	14 70	03.92- 12.95	111251	12 1.1
					03.92- 12.95	112756	14 60
					PS 03.92- 12.95	111325	14 70
					PS 03.92- 12.95	112756	14 60
					AC 03.92- 12.95	111325	14 70
[E7J742]	01.92- 08.95	111325	14 70	01.92-	111251	12 1.1	
				01.92- 11.95	112756	14 60	
				PS 01.92- 11.95	111325	14 70	
				PS 01.92- 11.95	112756	14 60	
				AC 01.92- 08.95	111325	14 70	
R19 1.7	[F2N724]				07.91- 04.92	111251	12 1.1
	[F3N740]	09.88- 12.95	112744	14 60	A13 09.88- 12.95	112295	12 1.7
					09.88- 12.95	111251	12 1.1
	[F3N741]	09.88- 12.95	112744	14 60	A13 09.88- 12.95	112295	12 1.7
					09.88- 12.95	111251	12 1.1
	[F3N742]	09.88- 06.96	112744	14 60	A13 09.88- 12.95	112295	12 1.7
					09.88- 06.96	111251	12 1.1
[F3N743]	09.88- 06.96	112744	14 60	A13 09.88- 12.95	112295	12 1.7	
				09.88- 06.96	111251	12 1.1	
[F3N746]				08.88- 12.92	111251	12 1.1	
R19 1.7 Chamade	[F2N720]				09.88- 12.92	110585	12 1.2
R19 1.8	[F3P682]				A13 11.94- 06.96	113481	12 1.4
					05.92- 06.96	111251	12 1.1
	[F3P700]				04.92- 05.94	111251	12 1.1
	[F3P704]				04.92- 06.96	111251	12 1.1
					04.92- 06.96	113481	12 1.4
	[F3P705]				04.92- 06.96	111251	12 1.1
					04.92- 06.96	113481	12 1.4
	[F3P706]				04.92- 06.96	111251	12 1.1
					04.92- 06.96	113481	12 1.4
	[F3P707]				04.92- 06.96	111251	12 1.1
					04.92- 06.96	113481	12 1.4
	[F3P708]				04.92- 06.96	111251	12 1.1
					04.92- 06.96	113481	12 1.4
[F3P760]				04.92- 06.96	111251	12 1.1	
				04.92- 06.96	113481	12 1.4	
[F3P764]				11.94- 06.96	111251	12 1.1	
				07.94- 06.96	113481	12 1.4	
[F3P765]				05.94- 06.96	111251	12 1.1	
				07.94- 06.96	113481	12 1.4	
R19 1.8 RT	[F3P700]				04.92- 05.94	111251	12 1.1
	[F3P706]				04.92-	111251	12 1.1
	[F3P760]				04.92-	111251	12 1.1
R19 1.8 16V	[F7P704]				06.89- 06.96	110585	12 1.2
					06.89- 06.96	112295	12 1.7
					06.89- 06.96	113481	12 1.4
R19 1.9 Diesel	[F8Q706]	09.88- 04.92	113500	14 70	09.88- 04.92	112295	12 1.7
		AC 01.88- 12.92	111326	14 110	01.88- 12.95	113481	12 1.4
	[F8Q742]	06.90- 10.95	113500	14 70	06.90- 10.95	112295	12 1.7
		AC 01.88- 12.95	111326	14 110	06.90- 12.95	113481	12 1.4
R19 1.9 DT	[F8Q740]	03.92- 12.95	113500	14 70	09.90- 12.95	112295	12 1.7
					03.92- 12.95	113481	12 1.4
	[F8Q744]	04.92-	113500	14 70	04.92-	112295	12 1.7
R20 1.6	[843]	12.79- 10.81	111072	14 50			
R20 2.0	[829700]	10.77- 12.83	111072	14 50	07.82- 12.83	111063	12 1.2
	[829701]	10.77- 12.83	111072	14 50	07.82- 12.83	111063	12 1.2
	[829702]	10.80- 12.83	111072	14 50	07.82- 12.83	111063	12 1.2
	[829703]	10.80- 12.83	111072	14 50	07.82- 12.83	111063	12 1.2
R20 2.1 TD	[852]	10.80- 12.83	111072	14 50	10.80- 12.83	111114	12 3.1
	[J8S702]	01.82- 12.83	111072	14 50	01.82- 12.83	111114	12 3.1
R20 2.2	[851700]	10.80- 12.83	111072	14 50	07.82- 12.83	111063	12 1.2
R21 1.4	[C2J770]	09.89- 05.93	112728	14 55	09.89- 03.93	110585	12 1.2
R21 1.7	[F2N710]	03.86- 12.95	112744	14 60	03.86- 12.95	110585	12 1.2
					12.89-	111251	12 1.1
	[F2N712]	03.86- 03.93	112744	14 60	03.86- 03.93	110585	12 1.2
					03.86- 03.93	111251	12 1.1
	[F2N750]	03.86- 12.94	112744	14 60	12.89- 12.94	111251	12 1.1
				03.86- 12.89	110585	12 1.2	
[F2N752]	06.87- 04.89	112744	14 60	06.87- 04.89	110585	12 1.2	



	[F3N722]	03.86- 12.95	112744	14	60		03.86- 11.89	110585	12	1.2
							A13 09.89-	112295	12	1.7
							AT 03.86-	112295	12	1.7
							06.86- 12.95	111251	12	1.1
							06.90- 12.94	112295	12	1.7
	[F3N723]	03.86- 12.95	112744	14	60		03.86- 11.89	110585	12	1.2
							A13 03.86-	112295	12	1.7
							AT 03.86-	112295	12	1.7
							06.86- 12.95	111251	12	1.1
							06.90- 12.94	112295	12	1.7
	[F3N726]	06.86- 12.95	112744	14	60		06.86- 11.89	110585	12	1.2
							07.86- 12.95	111251	12	1.1
R21 1.9 Diesel	[F8Q710]	03.86- 10.93	112795#	14	90		03.86- 10.93	112295	12	1.7
		03.86- 10.93	113500	14	70					
R21 2.0	[J6R758]	03.86- 03.93	111171	14	70		03.86- 10.93	111063	12	1.2
		AC 03.86- 03.93	111319	14	105					
	[J6R759]	03.86- 03.93	111171	14	70		03.86- 10.93	111063	12	1.2
		AC 03.86- 03.93	111319	14	105					
	[J6R792]	03.86- 03.93	111171	14	70		03.86- 03.93	111063	12	1.2
		AC 03.86- 03.93	111319	14	105					
	[J6R793]	03.86- 03.93	111171	14	70		03.86- 03.93	111063	12	1.2
		AC 03.86- 03.93	111319	14	105					
	[J7R740]	09.89- 06.94	112755#	14	90		09.89- 06.94	111063	12	1.2
		02.90- 06.94	111171	14	70					
		AC 09.89- 06.94	111319	14	105					
	[J7R746]	03.86- 12.94	112755#	14	90		03.86- 12.94	111063	12	1.2
		AC 03.86- 12.94	111319	14	105					
	[J7R747]	03.86- 12.94	112755#	14	90		03.86- 12.94	111063	12	1.2
		AC 03.86- 12.94	111319	14	105					
	[J7R750]	03.86- 03.93	111171	14	70		03.86- 03.93	111063	12	1.2
		09.86-	112755#	14	90					
		AC 03.86- 03.93	111319	14	105					
	[J7R751]	03.86- 03.93	111171	14	70		03.86- 03.93	111063	12	1.2
		09.86-	112755#	14	90					
		AC 03.86- 03.93	111319	14	105					
R21 2.0 4x4	[J7R740]	12.89- 02.94	111171	14	70		12.89- 02.94	111063	12	1.2
		12.89- 02.94	112755#	14	90					
		AC 12.89- 02.94	111319	14	105					
	[J7R746]	AC 06.90- 12.95	111319	14	105					
	[J7R747]	AC 06.90- 12.95	111319	14	105					
R21 2.0 Turbo	[J7R752]	04.87- 03.92	111171	14	70		04.87- 03.92	111063	12	1.2
		04.87- 03.92	112755#	14	90					
		AC 04.87- 03.92	111319	14	105					
	[J7R756]	02.90- 10.92	112755#	14	90		02.90- 10.92	111063	12	1.2
		PS 08.87-	111319	14	105					
		AC 02.90- 10.92	111319	14	105					
R21 2.0 Turbo 4x4	[J7R752]	08.89- 10.93	111171	14	70		08.89- 10.93	111063	12	1.2
		08.89- 10.93	112755#	14	90					
		AC 08.89- 10.93	111319	14	105					
	[J7R756]	02.90- 10.92	112755#	14	90		02.90- 10.92	111063	12	1.2
		AC 02.90- 10.92	111319	14	105					
R21 2.1 Diesel	[J8S600]	04.92- 12.95	111171	14	70		04.92- 12.95	111114	12	3.1
		AC 04.92- 12.95	111319	14	105					
	[J8S704]	03.86- 12.95	111171	14	70		03.86- 12.95	111114	12	3.1
		AC 03.86- 12.95	111319	14	105					
	[J8S740]	05.89- 12.95	111171	14	70		05.89- 12.95	111114	12	3.1
		AC 05.89- 12.95	111319	14	105					
	[J8S784]	02.92- 06.94	111171	14	70		02.92- 06.94	111114	12	3.1
		AC 02.92- 06.94	111319	14	105					
R21 2.1 Diesel 4x4	[J8S704]	10.88- 05.92	111171	14	70		10.88- 05.92	111114	12	3.1
		AC 10.88- 05.92	111319	14	105					
R21 2.1 TD	[J8S714]	07.89- 03.93	111171	14	70		03.86- 03.93	111114	12	3.1
		AC 03.86- 03.93	111319	14	105					
	[J8S786]	06.91- 12.95	111171	14	70		06.91- 12.95	111114	12	3.1
		AC 06.91- 12.95	111319	14	105					
	[J8S788]	09.89- 12.95	111171	14	70		09.89- 12.95	111114	12	3.1
		AC 09.89- 12.95	111319	14	105					
R21 2.2	[J7T754]	AC 07.86- 12.95	111319	14	105		07.86- 12.95	111063	12	1.2
	[J7T755]	AC 07.86- 12.95	111319	14	105		07.86- 12.95	111063	12	1.2
R21 2.2 4x4	[J7T754]	AC 06.86- 06.94	111319	14	105		06.86- 06.94	111063	12	1.2
	[J7T755]	AC 06.86- 06.94	111319	14	105		06.86- 06.94	111063	12	1.2
R25 2.0	[J6R706]	AC 04.84- 12.92	111319	14	105		04.84- 12.92	111063	12	1.2
	[J6R707]	AC 04.84- 12.92	111319	14	105		04.84- 12.92	111063	12	1.2
	[J6R760]	AC 04.84- 12.92	111319	14	105		04.84- 12.92	111063	12	1.2
	[J6R762]	AC 04.84- 12.92	111319	14	105		04.84- 12.92	111063	12	1.2
	[J6R763]	AC 04.84- 12.92	111319	14	105		04.84- 12.92	111063	12	1.2
R25 2.0 12V	[J7R720]	AC 06.88- 12.93	111319	14	105		06.88- 12.93	111063	12	1.2
	[J7R726]	AC 06.89- 12.92	111319	14	105		06.89- 12.92	111063	12	1.2
R25 2.1 Diesel	[J8S706]	04.84- 05.89	111171	14	70		04.84- 05.89	111114	12	3.1
		AC 04.84- 05.89	111319	14	105					
	[J8S736]	06.89- 12.92	111171	14	70		06.89- 12.92	111114	12	3.1
		AC 06.89- 12.92	111319	14	105					
R25 2.1 TD	[J8S708]	04.84- 12.92	111171	14	70		04.84- 12.92	111114	12	3.1
		AC 04.84- 12.92	111319	14	105					
	[J8S738]	06.89- 12.92	111171	14	70		06.89- 12.92	111114	12	3.1
		AC 06.89- 12.92	111319	14	105					
R25 2.2	[J7T706]	01.84- 06.92	111171	14	70		01.84- 06.92	111063	12	1.2
		AC 01.84- 06.92	111319	14	105					

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

RENAULT Continued

	[J7T707]	01.84- 06.92	111171	14 70	01.84- 06.92	111063	12 1.2
		AC 01.84- 06.92	111319	14 105			
	[J7T708]	10.85- 10.86	111171	14 70	10.85- 10.86	111063	12 1.2
		AC 10.85- 10.86	111319	14 105			
	[J7T714]	01.84- 06.92	111171	14 70	01.84- 06.92	111063	12 1.2
		AC 01.84- 06.92	111319	14 105			
	[J7T715]	01.84- 06.92	111171	14 70	04.84- 06.92	111063	12 1.2
		AC 01.84- 06.92	111319	14 105			
	[J7T730]	04.84- 12.89	111171	14 70	04.84- 12.89	111063	12 1.2
		AC 04.84- 12.89	111319	14 105			
	[J7T731]	04.84- 12.89	111171	14 70	04.84- 12.89	111063	12 1.2
		AC 04.84- 12.89	111319	14 105			
	[J7T732]	11.85- 12.92	111171	14 70	11.85- 12.92	111063	12 1.2
		AC 11.85- 12.92	111319	14 105			
	[J7T733]	09.86- 12.92	111171	14 70	09.86- 12.92	111063	12 1.2
		AC 09.86- 12.92	111319	14 105			
R25 2.5 Turbo V6	[Z7U700]	01.90- 12.92	111179#	14 105	01.90- 12.92	110835#	12 1.1
		01.90- 12.92	112755#	14 90			
	[Z7U702]	10.84- 05.90	111179#	14 105	10.84- 05.90	110835#	12 1.1
		10.84- 05.90	112755#	14 90			
R25 2.6 i V6	[Z7V708]	04.84- 08.89	111179#	14 105	04.84- 08.89	110835#	12 1.1
		04.84- 08.89	112755#	14 90			
	[Z7V709]	04.84- 08.89	111179#	14 105	04.84- 08.89	110835#	12 1.1
		04.84- 08.89	112755#	14 90			
	[Z7V711]	04.84- 08.89	111179#	14 105	04.84- 08.89	110835#	12 1.1
		04.84- 08.89	112755#	14 90			
R25 2.8 i V6	[Z7W702]	09.86- 06.87	111179#	14 105	09.86- 06.87	110835#	12 1.1
		09.86- 06.87	112755#	14 90			
R25 2.9	[Z7W700]	06.87- 02.90	111179#	14 105	06.87- 02.90	110835#	12 1.1
		06.87- 02.90	112755#	14 90			
		AC 06.87- 02.90	111179#	14 105			
R25 2.9 i	[Z7W706]	09.87- 12.92	111179#	14 105	09.87- 12.92	110835#	12 1.1
		09.87- 12.92	112755#	14 90			
		AC 09.87- 12.92	111179#	14 105			
	[Z7W707]	09.87- 12.92	111179#	14 105	09.87- 12.92	110835#	12 1.1
		09.87- 12.92	112755#	14 90			
		AC 09.87- 12.92	111179#	14 105			
	[Z7W709]	09.87- 12.92	111179#	14 105	09.87- 12.92	110835#	12 1.1
		09.87- 12.92	112755#	14 90			
		AC 09.87- 12.92	111179#	14 105			
R30 2.1 TD	[J8S702]	02.82- 03.86	111171	14 70	02.82- 03.86	111114	12 3.1
R30 2.6	[112]				02.75- 08.78	110835#	12 1.1
	[140]				10.78- 12.83	110835#	12 1.1
R30 2.7 TS	[144]				07.78- 01.84	110835#	12 1.1
R4 0.8	[800]				04.68- 09.83	110856	12 0.6
	[80001]				09.66- 12.88	110856	12 0.6
	[800705]				10.62- 09.83	110367	12 1.0
					04.83- 12.93	110856	12 0.6
	[B1B707]				04.83- 12.93	110856	12 0.6
R4 1.0	[C1C708]	10.86- 12.93	112739	14 50	06.87- 06.93	110866	12 0.9
R4 1.1	[688711]	10.76- 06.86	112739	14 50	12.81- 12.93	110866	12 0.9
	[688712]	10.76- 12.93	112739	14 50	12.81- 12.93	110866	12 0.9
	[C1E714]	10.76- 12.93	112739	14 50	12.81- 12.93	110866	12 0.9
	[C1E718]	10.76- 12.93	112739	14 50	12.81- 12.93	110866	12 0.9
	[C1E719]	10.76- 12.93	112739	14 50	12.81- 12.93	110866	12 0.9
R5 0.8	[800710]				01.82- 12.84	110856	12 0.6
R5 1.0	[C1C700]	10.84- 12.96	111082	14 60	10.84- 12.96	110585	12 1.2
		10.84- 12.96	112728	14 55	10.84- 12.96	111251	12 1.1
R5 1.1	[C1E726]				10.79- 12.85	110866	12 0.9
	[C1E750]	10.84- 12.96	111082	14 60	10.84- 12.96	110585	12 1.2
		10.84- 12.96	112728	14 55	10.84- 12.96	111251	12 1.1
	[C1E752]	10.84- 06.89	111082	14 60	10.84- 06.89	110585	12 1.2
		10.84- 06.89	112728	14 55	10.84- 06.89	111251	12 1.1
	[C1E754]	10.84- 06.89	111082	14 60	10.84- 06.89	111251	12 1.1
		10.84- 06.89	112728	14 55	10.84- 06.89	110585	12 1.2
	[C1E756]	06.87-	111082	14 60	06.87-	110585	12 1.2
		06.87-	112728	14 55	06.87-	111251	12 1.1
	[C1E760]	08.90- 12.96	112728	14 55			
R5 1.3	[810719]				06.79- 09.84	110367	12 1.0
	[810725]				09.75- 09.84	110367	12 1.0
	[810726]				09.76- 09.79	110367	12 1.0
	[810729]				06.79- 09.84	110367	12 1.0
R5 1.4	[847712]				06.82- 09.84	110866	12 0.9
	[847725]				01.82- 12.85	110367	12 1.0
	[C1J768]	10.84- 12.96	111082	14 60	10.84- 12.96	110585	12 1.2
		10.84- 12.96	112728	14 55	10.84- 12.96	111251	12 1.1
	[C1J780]	10.84- 06.89	111082	14 60	10.84- 06.89	110585	12 1.2
		10.84- 06.89	112728	14 55	10.84- 06.89	111251	12 1.1
	[C2J700]	06.87- 12.96	111082	14 60	10.87- 12.96	111251	12 1.1
		06.87- 12.96	112728	14 55	10.87- 12.96	110585	12 1.2
	[C2J713]				01.82- 12.85	110367	12 1.0
	[C2J780]	10.84- 06.87	111082	14 60	10.84- 06.87	111251	12 1.1
		10.84- 06.87	112728	14 55	10.84- 06.87	110585	12 1.2
	[C2J781]	10.84- 07.89	111082	14 60	10.84- 07.89	111251	12 1.1
		10.84- 07.89	112728	14 55	10.84- 07.89	110585	12 1.2
	[C2J782]	06.87- 12.96	111082	14 60	06.87- 12.96	111251	12 1.1
		06.87- 12.96	112728	14 55	06.87- 12.96	110585	12 1.2
	[C2J784]	06.87- 12.96	111082	14 60	06.87- 12.96	111251	12 1.1
		06.87- 12.96	112728	14 55	06.87- 12.96	110585	12 1.2





	[C2J788]	10.84- 12.96	111082	14 60		10.84- 12.96	111251	12 1.1
		10.84- 12.96	112728	14 55		10.84- 12.96	110585	12 1.2
	[C2J789]	10.84- 07.89	111082	14 60		10.84- 07.89	110585	12 1.2
		10.84- 07.89	112728	14 55		10.84- 07.89	111251	12 1.1
	[C2J798]	10.84- 07.89	111082	14 60		10.84- 07.89	111251	12 1.1
		10.84- 07.89	112728	14 55		10.84- 07.89	110585	12 1.2
	[C3J700]	10.84- 10.87	111082	14 60		10.84- 10.87	110585	12 1.2
		10.84- 10.87	112728	14 55				
	[C3J702]	10.85- 02.88	111082	14 60		10.85- 02.88	110585	12 1.2
		10.85- 02.88	112728	14 55				
	[C3J760]	10.85- 12.96	111082	14 60		10.85- 12.96	110585	12 1.2
		10.85- 12.96	112728	14 55				
R5 1.4 Alpine A5	[840725]					09.77- 09.81	110866	12 0.9
R5 1.4 Turbo	[840730]					06.80- 01.85	110866	12 0.9
R5 1.4 Turbo Alpine	[840726]					10.81- 01.85	110866	12 0.9
	[C6J750]					10.81- 01.85	110866	12 0.9
R5 1.4 Turbo GT	[C1J782]	10.84- 08.90	111082	14 60		04.84- 08.90	110585	12 1.2
	[C1J784]	10.84- 12.96	111082	14 60		10.84- 12.96	110585	12 1.2
	[C1J788]	06.87- 12.96	111082	14 60		06.87- 12.96	110585	12 1.2
R5 1.6 Diesel	[F8M720]					10.87- 12.96	112295	12 1.7
	[F8M730]					10.87- 12.96	112295	12 1.7
R5 1.7	[F2N740]					06.87- 12.96	111251	12 1.1
	[F2N742]					06.87- 12.96	111251	12 1.1
	[F3N702]					10.86- 12.96	111251	12 1.1
	[F3N716]					10.86- 12.96	111251	12 1.1
	[F3N717]					10.86- 12.96	111251	12 1.1
	[F3N722]					10.86- 12.96	111251	12 1.1
R9 1.1	[C1E715]	09.81- 10.84	110920#	14 50		09.81- 10.87	110585	12 1.2
		10.84- 10.87	111082	14 60				
		10.84- 10.87	112728	14 55				
	[C1E720]	09.81- 10.84	110920#	14 50		09.81- 10.87	110585	12 1.2
		10.84- 10.87	111082	14 60				
		10.84- 10.87	112728	14 55				
R9 1.2	[C1G700]	09.85- 12.86	111082	14 60		09.85- 12.86	110585	12 1.2
		09.85- 12.86	112728	14 55				
	[C1G710]	12.86- 03.91	111082	14 60		12.86- 03.91	110585	12 1.2
		12.86- 03.91	112728	14 55				
R9 1.4	[C1J715]	12.81- 10.84	110920#	14 50		12.81- 03.91	110585	12 1.2
		10.84- 03.91	111082	14 60				
		10.84- 03.91	112728	14 55				
	[C1J792]	12.81- 10.84	110920#	14 50		12.81- 03.91	110585	12 1.2
		10.84- 03.91	111082	14 60				
		10.84- 03.91	112728	14 55				
	[C1J796]	12.81- 10.84	110920#	14 50		12.81- 03.91	110585	12 1.2
		10.84- 03.91	111082	14 60				
		10.84- 03.91	112728	14 55				
	[C2J717]	09.81- 10.84	110920#	14 50		09.81- 03.91	110585	12 1.2
		10.84- 03.91	111082	14 60				
		10.84- 03.91	112728	14 55				
	[C2J718]	09.81- 10.84	110920#	14 50		09.81- 03.91	110585	12 1.2
		10.84- 03.91	111082	14 60				
		10.84- 03.91	112728	14 55				
	[C2J720]	10.86- 06.87	111082	14 60		10.86- 06.87	110585	12 1.2
		10.86- 06.87	112728	14 55				
	[C2J730]	10.86- 03.91	111082	14 60		10.86- 03.91	110585	12 1.2
		10.86- 03.91	112728	14 55				
	[C2J755]	09.81- 10.84	110920#	14 50		09.81- 03.91	110585	12 1.2
		10.84- 03.91	111082	14 60				
		10.84- 03.91	112728	14 55				
	[C2J757]	09.81- 10.84	110920#	14 50		09.81- 10.84	110585	12 1.2
		09.81- 12.85	111082	14 60				
		09.81- 12.85	112728	14 55				
	[C2J766]	10.84- 03.91	111082	14 60		10.84- 03.91	110585	12 1.2
		10.84- 03.91	112728	14 55				
	[C2J767]	10.84- 03.91	111082	14 60		10.84- 03.91	110585	12 1.2
		10.84- 03.91	112728	14 55				
	[C2J768]	09.85- 03.91	111082	14 60		09.85- 03.91	110585	12 1.2
		09.85- 03.91	112728	14 55				
R9 1.4 Turbo	[C1J760]	10.84- 03.91	111082	14 60		10.84- 03.91	110585	12 1.2
		10.84- 03.91	112728	14 55				
	[C1J764]	10.84- 03.91	111082	14 60		10.84- 03.91	110585	12 1.2
		10.84- 03.91	112728	14 55				
R9 1.6 Diesel	[F8M700]					10.82- 03.91	112295	12 1.7
	[F8M720]					10.82- 03.91	112295	12 1.7
	[F8M730]					10.82- 03.91	112295	12 1.7
R9 1.7	[F2N708]	10.86- 03.91	112744	14 60		10.86- 03.91	110585	12 1.2
	[F2N710]	10.86- 03.91	112744	14 60		10.86- 03.91	110585	12 1.2
	[F2N730]	10.86- 03.91	112744	14 60		10.86- 03.91	110585	12 1.2
						10.86- 03.91	111251	12 1.1
	[F2N798]	10.86- 03.91	112744	14 60		10.86- 12.88	110585	12 1.2
	[F3N708]	06.87- 12.88	112744	14 60		06.87- 12.88	111251	12 1.1
						06.87- 12.88	110585	12 1.2
	[F3N718]	10.86- 03.91	112744	14 60		10.86- 03.91	110585	12 1.2
						10.86- 03.91	111251	12 1.1
R9 1.7 TXE	[F2N700]	09.84- 06.87	112744	14 60		09.84- 03.91	110585	12 1.2
	[F2N704]	09.84- 06.87	112744	14 60		09.84- 03.91	110585	12 1.2
Rapid 1.0	[C1C706]	02.86- 05.92	112728	14 55		02.86- 05.92	110585	12 1.2
Rapid 1.1	[C1E750]	07.85- 04.95	111082	14 60		03.86- 07.90	110585	12 1.2
		07.85- 04.95	112728	14 55				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



RENAULT Continued

Application list

	[C1E752]	07.85- 04.95	111082	14 60		03.86- 06.89	110585	12 1.2
		07.85- 04.95	112728	14 55				
	[C1E754]	07.85- 04.95	111082	14 60		03.86- 08.91	110585	12 1.2
		07.85- 04.95	112728	14 55				
	[C1E756]	06.87- 08.91	112728	14 55		06.87- 08.91	110585	12 1.2
	[C1E760]	07.85- 04.95	111082	14 60		08.90- 08.91	110585	12 1.2
		07.85- 04.95	112728	14 55				
	[C1E762]	07.85- 04.95	111082	14 60		09.91- 09.96	110585	12 1.2
		07.85- 04.95	112728	14 55				
	[C1E792]	07.85- 04.95	111082	14 60		03.86- 08.91	110585	12 1.2
		07.85- 04.95	112728	14 55				
Rapid 1.2	[C3G710]	09.91- 10.97	111082	14 60		09.91- 10.97	110585	12 1.2
		09.91- 10.97	112728	14 55		09.91- 10.97	111251	12 1.1
	[C3G712]	09.91- 10.97	111082	14 60		09.91- 10.97	111251	12 1.1
		09.91- 10.97	112728	14 55		09.91- 10.97	110585	12 1.2
Rapid 1.4	[C1J768]	07.85- 08.91	111082	14 60		07.85- 08.91	110585	12 1.2
		07.85- 08.91	112728	14 55				
	[C1J780]	07.85- 08.91	111082	14 60		07.85- 08.91	110585	12 1.2
		07.85- 08.91	112728	14 55				
	[C2J784]	06.87- 12.96	111082	14 60		06.87- 09.97	110585	12 1.2
		06.87- 12.96	112728	14 55				
	[C3J700]	03.86- 05.87	111082	14 60		03.86- 05.87	110585	12 1.2
		03.86- 05.87	112728	14 55		A13 03.86- 05.87	113481	12 1.4
	[C3J702]	06.87- 08.91	111082	14 60		06.87- 08.91	110585	12 1.2
		06.87- 08.91	112728	14 55		A13 06.87- 08.91	113481	12 1.4
	[C3J760]	06.87- 08.91	111082	14 60		06.87- 08.91	110585	12 1.2
		06.87- 08.91	112728	14 55		A13 06.87- 08.91	113481	12 1.4
	[C3J762]	09.91- 03.97	111082	14 60		A13 09.91- 03.97	113481	12 1.4
		09.91- 03.97	112728	14 55		09.91- 03.97	111251	12 1.1
	[E7J720]	09.91- 10.97	111325	14 70		A13 09.91- 10.97	113481	12 1.4
		09.91- 10.97	112756	14 60		09.91- 10.97	111251	12 1.1
	[E7J724]	09.91- 10.97	111325	14 70		09.91- 10.97	111251	12 1.1
		09.91- 10.97	112756	14 60		A13 09.91- 10.97	113481	12 1.4
	[E7J726]	09.91- 10.97	111325	14 70		A13 09.91- 10.97	113481	12 1.4
		09.91- 10.97	112756	14 60		09.91- 10.97	111251	12 1.1
	[E7J728]	01.94- 03.98	111325	14 70		03.94- 10.97	111251	12 1.1
		01.94- 03.98	112756	14 60				
	[E7J773]	03.94- 10.97	111325	14 70		A13 03.94- 10.97	113481	12 1.4
		03.94- 10.97	112756	14 60		03.94- 10.97	111251	12 1.1
Rapid 1.6 Diesel	[F8M720]					09.91- 08.98	112295	12 1.7
	[F8M730]					09.91- 08.98	112295	12 1.7
	[F8M736]					09.91- 08.98	112295	12 1.7
	[F8M760]					09.91- 08.98	112295	12 1.7
Rapid 1.9 Diesel	[F8Q640]					09.94-	113481	12 1.4
	[F8Q646]	09.91- 03.98	112769	14 60		09.91- 10.97	113481	12 1.4
						09.91- 03.98	112295	12 1.7
	[F8Q682]					09.94- 03.98	113481	12 1.4
	[F8Q722]	09.91- 03.98	112769	14 60		09.91- 09.92	113481	12 1.4
						09.91- 03.98	112295	12 1.7
	[F8Q774]	09.91- 03.98	112769	14 60		10.92- 09.96	113481	12 1.4
						09.91- 03.98	112295	12 1.7
	[F8Q776]	09.91- 03.98	112769	14 60		09.91- 03.97	113481	12 1.4
						09.91- 03.98	112295	12 1.7
Rodeo 0.8 4	[80001]					10.70- 08.81	110856	12 0.6
Safrane 1.9 16V	[N7Q710]	09.96-	112557	14 120		07.96- 03.99	112818	12 1.4
	[N7Q711]	09.96-	112557	14 120		07.96- 03.99	112818	12 1.4
Safrane 2.1 TD	[J8S760]					11.93- 09.96	111114	12 3.1
Safrane 2.2 TD	[G8T740]	Chas. 970512- 07.96-	112679	14 110				
Safrane 2.5 20V	[N7U700]	07.96-	112557	14 120		07.96- 03.99	112818	12 1.4
	[N7U701]	07.96-	112557	14 120		07.96- 03.99	112818	12 1.4
Safrane 3.0 Biturbo 4x4	[Z7X726]					02.93- 09.96	110835#	12 1.1
						02.93- 09.96	111333	12 1.1
Safrane 3.0 V6	[Z7X721]					12.92- 09.96	110835#	12 1.1
						05.92- 09.96	111333	12 1.1
	[Z7X722]					12.92- 09.96	110835#	12 1.1
						05.92- 09.96	111333	12 1.1
	[Z7X723]					12.92- 09.96	110835#	12 1.1
						05.92- 09.96	111333	12 1.1
Safrane 3.0 V6 4x4	[Z7X721]					12.92- 09.96	110835#	12 1.1
						12.92- 09.96	111333	12 1.1
	[Z7X722]					12.92- 09.96	110835#	12 1.1
						12.92- 09.96	111333	12 1.1
	[Z7X723]					12.92- 09.96	110835#	12 1.1
						12.92- 09.96	111333	12 1.1
Sandero 1.6	[K7M710]	12.07-	113940	14 110		12.07-	113932	12 0.85
Sandero 1.6 Hi-Flex		11.07-	113940	14 110 A47		11.07-	113932	12 0.85
Scénic 1.4	[K4J730]	06.03-	113940	14 110 A47		06.03-	113932	12 0.85
		06.03-	113945	14 150				
	[K4J740]	06.03-	113940	14 110 A47		06.03-	113932	12 0.85
		06.03-	113945	14 150				
Scénic 1.4 16V	[K4J714]	02.01-	112199	14 75		02.01-	112218	12 1.0
		AC 02.01-	112144	14 98				
	[K4J750]	08.99-	112144	14 98		08.99-	112218	12 1.0
		08.99-	112199	14 75				
		AC 08.99-	112144	14 98				
		A22 08.99-	112144	14 98				
Scénic 1.4 i	[E7J764]	11.96-	111512#	14 110		11.96-	111251	12 1.1
		11.96-	112695#	14 80				



Scénic 1.5 DCi	[K9K722]	06.03-06.03-05.05-	113940	14	110 A47	06.03-	113927	12	1.1
			113945	14	150				
			114354	14	150				
	[K9K724]	05.05-	114354	14	150				
	[K9K728]	11.03-11.03-01.07-	113940	14	110 A47				
			113945	14	150				
			114354	14	150				
	[K9K729]	11.03-11.03-	113940	14	110 A47				
			113945	14	150				
	[K9K732]	05.05-05.05-	113945	14	150	05.05-	113897	12	1.4
		114354	14	150					
	[K9K830]				04.09-	113897	12	1.4	
	[K9K836]				04.09-	113897	12	1.4	
	[K9K846]	11.10-	114721	14	150	11.10-	113897	12	1.4
Scénic 1.6 16V	[K4M700]	01.99-01.99-AC 01.99-A22 01.99-	112144	14	98	01.99-	112218	12	1.0
			112199	14	75				
			112144	14	98				
			112144	14	98				
	[K4M701]	02.01-AC 02.00-	112199	14	75	02.01-	112218	12	1.0
			112144	14	98				
	[K4M704]	08.98-AC 08.98-	112199	14	75	08.98-	112218	12	1.0
			112144	14	98				
	[K4M708]	08.99-AC 08.99-	112199	14	75	08.99-	112218	12	1.0
			112144	14	98				
	[K4M788]	01.07-	113945	14	150	01.07-	113932	12	0.85
	[K4M812]	01.07-01.07-	113940	14	110 A47	01.07-	113932	12	0.85
		113945	14	150					
Scénic 1.6 i	[K7M702]	01.96-01.96-	111512#	14	110	01.96-	111251	12	1.1
			112695#	14	80				
Scénic 1.6 i 16V	[K4M761]	06.03-06.03-	113940	14	110 A47	06.03-	112218	12	1.0
			113945	14	150	06.03-	113932	12	0.85
	[K4M782]	06.03-	113945	14	150	06.03-	113932	12	0.85
Scénic 1.8 4x4	[F4P722]					07.00-04.01	114814	12	0.9
Scénic 1.8 16V	[F4P720]	01.01-	112144	14	98	11.00-04.03	113761	12	0.9
	[F4P722]	01.01-	112144	14	98	01.01-08.03	113761	12	0.9
Scénic 1.9 DCi	[F9Q732]	11.00-08.03-12.02-08.03-AC 11.00-	111718	14	75				
			112458	14	120 A47				
			112458	14	120 A47				
	[F9Q733]	AC 11.00-	112458	14	120 A47				
	[F9Q748]	12.02-08.03-12.02-08.03	111718	14	75				
			112458	14	120 A47				
	[F9Q796]	12.02-08.03-12.02-08.03	111718	14	75				
			112458	14	120 A47				
	[F9Q803]	05.05-	113945	14	150				
	[F9Q804]	06.03-05.05-	113919	14	125				
			113837	14	150				
	[F9Q812]	06.03-	113919	14	125	06.03-	112474	12	1.8
Scénic 1.9 DCi RX4	[F9Q740]	03.99-AC 11.00-	111718	14	75				
		112458	14	120 A47					
Scénic 1.9 DTi	[F9Q731]	09.99-AC 09.99-	111718	14	75	09.99-	112295	12	1.7
			112458	14	120 A47	09.99-	113481	12	1.4
	[F9Q734]					06.97-08.03	111251	12	1.1
						06.97-02.99	113481	12	1.4
		A22 06.97-02.99	111775#	14	120	06.97-02.99	112295	12	1.7
	[F9Q736]	09.99-	111718	14	75	09.99-	112295	12	1.7
						09.99-	113481	12	1.4
		AC 09.99-	112458	14	120 A47				
[F9Q744]	11.00-AC 02.01-	111718	14	75	02.01-08.03	113929	12	1.2	
		112458	14	120 A47					
Scénic 2.0	[F4R770]	06.03-	113919	14	125	06.03-	114814	12	0.9
	[F4R771]	06.03-	113919	14	125	06.03-	114814	12	0.9
Scénic 2.0 16V	[F4R740]	07.00-AC 07.00-	112144	14	98	03.99-04.03	113761	12	0.9
			112144	14	98				
	[F4R741]	03.99-	112144	14	98	03.99-04.03	113761	12	0.9
Scénic 2.0 16V RX4	[F4R744]	06.00-AC 06.99-	112144	14	98	11.00-04.03	113761	12	0.9
		112144	14	98					
Scénic 2.0 i	[F3R...]	AC 11.96-	112679	14	110	11.96-	111251	12	1.1
Scénic 2.0 iDE 16V	[F4R740]	03.00-	112144	14	98	09.99-08.03	113761	12	0.9
	[F4R741]					09.99-08.03	113761	12	0.9
	[F4R744]					09.99-08.03	113761	12	0.9
Scénic 2.0 Turbo 16V	[F4R776]	05.04-	113919	14	125	05.04-	114814	12	0.9
Scénic 2.0 DCi	[M9R700]	09.05-	114768	14	120	09.05-	114074	12	2.2
Sport Spider 2.0 16V	[F7R710]					03.95-	111251	12	1.1
	[F7R712]					03.95-	111251	12	1.1
	[F7R720]					03.95-	111251	12	1.1
Super 5 1.0	[C1C700]	10.84-12.96	111082	14	60	10.84-12.96	110585	12	1.2
Super 5 1.1	[C1E750]	10.84-12.96	111082	14	60	10.84-12.96	110585	12	1.2
	[C1E752]					10.84-06.89	110585	12	1.2
	[C1E754]					10.84-06.89	110585	12	1.2
Super 5 1.2	[C1G702]	10.84-12.96	111082	14	60	10.84-12.96	110585	12	1.2
	[C1G720]	10.86-12.96	111082	14	60	10.86-12.96	110585	12	1.2
	[C1G722]	03.90-12.96	111082	14	60	03.90-12.96	110585	12	1.2
Super 5 1.6 Diesel	[F8M720]					10.84-12.96	112295	12	1.7
Thalia 1.1 16V	[D4F712]	09.08-	113403	14	75	09.08-	111641	12	0.7
Thalia 1.2 16V	[D4F712]					04.02-	111641	12	0.7
Thalia 1.4	[K7J700]	AC 05.01-	112144	14	98	05.01-	111251	12	1.1

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**RENAULT** *Continued*

Thalia 1.4 16V	[K4J712]	06.01-	112199	14 75	08.00-	112218	12 1.0
		AC 06.01-	112144	14 98			
Thalia 1.5 DCi	[K9K700]	04.02-	114673	14 120	04.02-	113927	12 1.1
		AC 09.01-	113248	14 120			
		AC 02.03-	114673	14 120			
	[K9K702]	06.01-	113940	14 110 A47	06.01-	113927	12 1.1
	[K9K740]	AC 06.05-	114673	14 120	06.05-	113927	12 1.1
Thalia 1.6 16V	[K4M734]	09.08-	112144	14 98	09.08-	112218	12 1.0
		09.08-	112199	14 75			
	[K4M740]	04.02-	112199	14 75	04.02-	112218	12 1.0
Trafic 1.4	[847700]				03.80- 04.89	110866	12 0.9
	[847701]				03.80- 04.89	110866	12 0.9
	[C1J700]				03.80- 10.97	110866	12 0.9
Trafic 1.6	[841705]				05.87- 02.89	110585	12 1.2
	[A1M707]				05.87- 02.89	110585	12 1.2
	[A1M708]				05.87- 02.89	110585	12 1.2
Trafic 1.7	[F1N720]	08.92- 10.97	112744	14 60	08.92- 10.97	111251	12 1.1
	[F1N722]	06.86- 10.97	112744	14 60	A13 06.86- 04.89	112295	12 1.7
					06.86- 04.89	110585	12 1.2
					05.89- 10.97	111251	12 1.1
	[F1N724]	06.86- 10.97	112744	14 60	06.86- 04.89	110585	12 1.2
				A13 06.86- 04.89	112295	12 1.7	
				03.89- 10.97	111251	12 1.1	
Trafic 1.9 DCi	[F9Q760]	03.01-	112471	14 125	03.01-	112474	12 1.8
		03.01-	113248	14 120			
	[F9Q762]	03.01-	112471	14 125	03.01-	112474	12 1.8
		03.01-	113248	14 120			
Trafic 1.9 DCi 100	[F9Q760]	03.01-	112471	14 125	03.01-	112474	12 1.8
		03.01-	113248	14 120			
		AC 03.01-	112471	14 125			
Trafic 1.9 DCi 80	[F9Q762]	03.01-	113248	14 120	03.01-	112474	12 1.8
		AC 03.01-	112471	14 125			
Trafic 1.9 Diesel	[F8Q606]	06.97-	111718	14 75	06.97-	113481	12 1.4
					06.97- 03.01	111251	12 1.1
					06.97-	112295	12 1.7
Trafic 2.0	[829720]				03.80- 12.86	111063	12 1.2
	[829721]				09.80- 12.86	111063	12 1.2
	[F4R720]	AC 03.01-	113245	14 125	03.01-	114814	12 0.9
	[F4R722]	03.01-	114122	14 150	03.01-	114814	12 0.9
		AC 03.01-	113245	14 125			
	[J5R716]				06.86- 10.97	111063	12 1.2
	[J5R722]				06.86- 04.89	111063	12 1.2
	[J5R726]				03.80- 10.97	111063	12 1.2
Trafic 2.0 4x4	[J5R716]				06.86- 10.97	111063	12 1.2
	[J5R722]				06.86- 04.89	111063	12 1.2
	[J5R726]				06.86- 10.97	111063	12 1.2
Trafic 2.0 16V	[F4R820]	08.06-	114122	14 150	08.06-	114814	12 0.9
Trafic 2.0 DCi	[M9R630]	08.06-	114509	14 150			
	[M9R692]	10.06-	114509	14 150			
	[M9R780]	08.06-	114509	14 150			
	[M9R782]	08.06-	114509	14 150			
Trafic 2.1 Diesel	[852720]	03.80- 10.97	111072	14 50	03.80- 10.97	111114	12 3.1
		03.89- 10.97	111171	14 70			
	[852750]	09.80- 10.97	111072	14 50	09.80- 10.97	111114	12 3.1
		09.80- 10.97	111171	14 70			
	[J8S620]	06.94- 10.97	111171	14 70	06.94- 10.97	111114	12 3.1
	[J8S758]	06.94- 10.97	111171	14 70	06.94- 10.97	111114	12 3.1
Trafic 2.1 Diesel 4x4	[852750]	11.86- 04.89	111072	14 50	11.86- 04.89	111114	12 3.1
		11.86- 04.89	111171	14 70			
Trafic 2.2	[J7T600]	06.94- 10.97	111171	14 70			
	[J7T780]				03.89- 10.97	111063	12 1.2
Trafic 2.2 4x4	[J7T600]	06.94- 10.97	111171	14 70			
	[J7T780]				05.89- 06.94	111063	12 1.2
Trafic 2.5 DCi	[G9U630]	08.06-	113837	14 150			
		08.06-	114700	14 150			
	[G9U730]	03.01-	112471	14 125	03.01-	112475	12 2.1
		03.01-	113245	14 125			
		05.03-	113248	14 120			
	AC 06.02-	113245	14 125				
Trafic 2.5 Diesel	[8140.61.240]	09.80- 04.89	110889	14 75	03.89-	113134	12 2.2
					03.80- 03.01	110814	12 2.7
	[8140.67.2500]	03.89- 03.01	110889	14 75	03.89- 03.01	113134	12 2.2
	[8140.67.2550]	03.89- 03.01	110889	14 75	03.89- 03.01	113134	12 2.2
	[8140.67.2580]	03.89- 03.01	110889	14 75	03.89- 03.01	113134	12 2.2
	[S8U720]	09.80- 09.81	110889	14 75	03.89-	113134	12 2.2
					03.80- 03.01	110814	12 2.7
	[S8U722]	09.80- 04.89	110889	14 75	03.89-	113134	12 2.2
					03.80- 03.01	110814	12 2.7
	[S8U750]	03.89- 03.01	110889	14 75	03.89- 03.01	113134	12 2.2
	[S8U752]	03.89- 03.01	110889	14 75	03.89- 03.01	113134	12 2.2
	[S8U758]	05.89- 03.01	110889	14 75	05.89- 03.01	113134	12 2.2
Trafic 2.5 Diesel 4x4	[8140.67.2500]	05.89-	110889	14 75	05.89-	113134	12 2.2
	[8140.67.2580]	05.89-	110889	14 75	05.89-	113134	12 2.2
	[814067.2500]	08.99-	110889	14 75	03.89- 10.97	113134	12 2.2
	[814067.2550]	08.99-	110889	14 75			
	[814067.2580]	08.99-	110889	14 75	03.89- 10.97	113134	12 2.2
	[S8U750]	05.89-	110889	14 75	05.89-	113134	12 2.2
	[S8U752]	05.89-	110889	14 75	05.89-	113134	12 2.2
	[S8U758]	08.99-	110889	14 75	08.99-	113134	12 2.2



Twingo 1.1 100	[D4F780]	02.11-	114131	14 90	02.11-	114095	12 0.85
Twingo 1.2	[C3G700]	03.93- 08.96	111803	14 60	03.93- 08.96	113753	12 0.9
	[C3G702]	03.93- 08.97	111803	14 60	03.93- 08.97	113753	12 0.9
	[D7F700]	05.00-	113403	14 75	05.96- 02.04	111641	12 0.7
		09.96- 02.98	112165	14 75 DR			
		09.96-	113577	14 75			
		AC 09.96- 01.98	112165	14 75			
	[D7F701]	05.00-	113403	14 75	05.96- 02.04	111641	12 0.7
		09.96- 02.98	112165	14 75 DR			
		09.96-	113577	14 75			
		AC 09.96- 01.98	112165	14 75			
	[D7F702]	05.00-	113403	14 75	05.96- 02.04	111641	12 0.7
		09.98-	113577	14 75			
	[D7F703]	05.00-	113403	14 75	01.96- 02.04	111641	12 0.7
	[D7F704]	05.00-	113403	14 75	05.96-	111641	12 0.7
	05.96-	113577	14 75				
	09.98-	113577	14 75	09.98-	111641	12 0.7	
	[D7F800]	03.07-	114131	14 90			
Twingo 1.2 16V	[D4F702]	09.00-	113403	14 75	09.00- 02.04	111641	12 0.7
	[D4F704]	01.01-	113403	14 75	09.00- 02.04	111641	12 0.7
	[D4F708]	08.04-	113403	14 75			
	[D4F772]	03.07-	114131	14 90			
Twingo 1.2 Turbo	[D4F780]	03.07-	114131	14 90			
Twingo 1.5 DCi	[K9K718]	04.08-	114463	14 120			
	[K9K740]	03.07-	113940	14 110 A47			
		03.07-	114463	14 120			
	[K9K820]				10.10-	113897	12 1.4
	[K9K830]				10.10-	113897	12 1.4
Twingo 1.6 RS	[K4M754]				05.08-	114057	12 1.1
	[K4M854]				05.08-	114057	12 1.1
Vel Satis 2.0	[F4R867]				04.05-	114814	12 0.9
Vel Satis 2.0 Turbo	[F4R867]				07.05-	114814	12 0.9
Vel Satis 2.0 Turbo 16V	[F4R762]	06.02-	113245	14 125	06.02-	114814	12 0.9
		06.02-	114122	14 150			
	[F4R763]	06.02-	113245	14 125	06.02-	114814	12 0.9
		06.02-	114122	14 150			
	[F4R766]	04.04-	113837	14 150	04.04-	114814	12 0.9
	[F4R767]				04.04-	114814	12 0.9
Vel Satis 2.0 DCi	[M9R760]	08.05-	114509	14 150	08.05-	114074	12 2.2
Vel Satis 2.2 CDI	[G9T702]	06.02-	113245	14 125	06.02-	112475	12 2.1
Vel Satis 2.2 DCi	[G9T600]	04.04-	114122	14 150	04.04-	114161	12 2.4
	[G9T606]	09.04-	114122	14 150	09.04-	114161	12 2.4
					12.04-	114161	12 2.4
Vel Satis 3.0 DCi	[P9X715]				06.06-	114526	12 2.0
Vel Satis 3.5 V6	[V4Y701]	06.02-	114301	14 150			
Wind 1.1 100	[D4F78...]	02.11-	114131	14 90	02.11-	114095	12 0.85
Wind 1.2	[D4F782]	07.10-	114131	14 90	07.10-	114095	12 0.85
Wind 1.6	[K4M854]	07.10-	115411*	14 110	07.10-	114057	12 1.1
<b>PASSENGER CARS US</b>							
Alliance 1.4					01.83- 01.87	110585	12 1.2
Alliance 1.4 DL					01.83- 01.87	110585	12 1.2
Alliance 1.4 L					01.83- 01.87	110585	12 1.2
Alliance 1.4 Limited					01.83- 01.84	110585	12 1.2
Encore 1.4					01.84- 01.86	110585	12 1.2
Encore 1.4 GS					01.84- 01.84	110585	12 1.2
Encore 1.4 LS					01.84- 01.86	110585	12 1.2
Encore 1.4 S					01.84- 01.86	110585	12 1.2
Fuego 2.2		01.84- 01.85	112755#	14 90	01.84- 01.85	111063	12 1.2
Lecar 1.3					01.77- 01.79	110367	12 1.0
Lecar 1.4					01.80- 01.83	110367	12 1.0
Lecar 1.4 Deluxe					01.81- 01.83	110367	12 1.0
R10 1.3					01.68- 01.71	110367	12 1.0
R16 1.6					01.69- 01.72	110367	12 1.0
R18 2.2 i Sport		01.84- 01.86	112755#	14 90			
R5 1.3					01.76- 01.76	110367	12 1.0
R5 2.2 GTL		01.86-	112755#	14 90			
R5 2.2 TL		01.86-	112755#	14 90			
<b>PASSENGER CARS AO</b>							
Espace 2.1 Diesel RTDT Quadra	[J8S772]	01.91- 05.92	111171	14 70			
		01.91- 05.92	111319	14 105			
Laguna 2.2 DCi Authentique	[G9T600]	04.04- 10.05	114122	14 150	04.04- 10.05	114161	12 2.4
					04.04- 10.05	112475	12 2.1
Loqan 1.4	[K7J710]				09.04-	114180	12 0.8
Loqan 1.6	[K7M710]				09.04-	114180	12 0.8
Megane 2.0 DCi Dynamic	[M9R700]	09.05-	114768	14 120			
R19 1.4	[E6J700]				07.88- 08.90	113481	12 1.4
	[E6J701]				07.88- 08.90	113481	12 1.4
Scénic 1.6	[K4M708]	03.01- 08.03	112144	14 98	03.01- 08.03	112218	12 1.0
		03.01- 08.03	112199	14 75			
	[K4M709]	03.01- 08.03	112144	14 98	03.01- 08.03	112218	12 1.0
		03.01- 08.03	112199	14 75			
Thalia 1.5 DCi RT	[K9K702]	06.01- 10.03	113940	14 110 A47	06.01- 10.03	113927	12 1.1
Trafic 2.5 DCi		08.07-	113837	14 150			
Vel Satis 3.5	[V4Y715]	10.04-	114301	14 150			
<b>MARINE</b>							
Various Models			110048	14 35			



Application list

Renault Agriculture									
AGRICULTURE									
610 RX,RZ	[6059D]		114513	14	95				
620 RX,RZ	[6068D]		114513	14	95				
630 RX,RZ	[6068T]		114513	14	95				
640 RZ	[6068T]		114513	14	95				
710	[DPSG-6068T1]		114514	14	95			113532	12 3.0
720	[DPSG-6068T2]							113532	12 3.0
725 6.8	[HRT51]		114514	14	95			113532	12 3.0
735 6.8	[HRT52]		114514	14	95			113532	12 3.0
815 6.8	[HRT52]		114514	14	95			113532	12 3.0
825 6.8	[HRT51]		114514	14	95			113532	12 3.0
836	[DPSG-6068T2]							113532	12 3.0
Various Models									
								113432	
								111332	12 2.7
Renault V.I.									
PASSENGER CARS EU									
110.35 2.8	(Mascott)[8140.43.B.3586]	01.99- 06.04	114701	14	120			01.99- 06.04 112441	12 2.3
								01.99- 06.04 115505	12 2.3 A49
	[8140.43.B.3588]	01.99- 06.04	114701	14	120			01.99- 06.04 112441	12 2.3
								01.99- 06.04 115505	12 2.3 A49
	[8140.43.C.2586]	01.99- 01.01	113280	14	90			01.99- 01.01 112441	12 2.3
		01.99- 06.04	114701	14	120			01.99- 06.04 115505	12 2.3 A49
110.50 2.8	(Mascott)[8140.43.B.3586]	01.99- 06.04	114701	14	120			01.99- 06.04 112441	12 2.3
								01.99- 06.04 115505	12 2.3 A49
	[8140.43.B.3588]	01.99- 06.04	114701	14	120			01.99- 06.04 112441	12 2.3
								01.99- 06.04 115505	12 2.3 A49
	[8140.43.C.2586]	01.99- 01.01	113280	14	90			01.99- 01.01 112441	12 2.3
		01.99- 06.04	114701	14	120			01.99- 06.04 115505	12 2.3 A49
110.55 2.8	(Mascott)[8140.43.B.3586]	01.99- 06.04	114701	14	120			01.99- 06.04 112441	12 2.3
								01.99- 06.04 115505	12 2.3 A49
	[8140.43.B.3588]	01.99- 06.04	114701	14	120			01.99- 06.04 112441	12 2.3
								01.99- 06.04 115505	12 2.3 A49
	[8140.43.C.2586]	01.99- 01.01	113280	14	90			01.99- 01.01 112441	12 2.3
		01.99- 06.04	114701	14	120			01.99- 06.04 115505	12 2.3 A49
110.60 2.8	(Mascott)[8140.43.B.3586]	01.99- 06.04	114701	14	120			01.99- 06.04 112441	12 2.3
								01.99- 06.04 115505	12 2.3 A49
	[8140.43.B.3588]	01.99- 06.04	114701	14	120			01.99- 06.04 112441	12 2.3
								01.99- 06.04 115505	12 2.3 A49
	[8140.43.C.2586]	01.99- 01.01	113280	14	90			01.99- 01.01 112441	12 2.3
		01.99- 06.04	114701	14	120			01.99- 06.04 115505	12 2.3 A49
120.35 3.0	(Mascott)[DXI3]							05.04- 114032	12 2.5
	[ZD3A600]							05.04- 114032	12 2.5
120.55 3.0	(Mascott)[DXI3]							05.04- 114032	12 2.5
	[ZD3A600]							05.04- 114032	12 2.5
120.65 3.0	(Mascott)[DXI3]							05.04- 114032	12 2.5
	[ZD3A600]							05.04- 114032	12 2.5
130.35 2.8	(Mascott)[8140.43.S.2585]	01.99- 01.01	113280	14	90			01.99- 01.01 112441	12 2.3
		01.99- 06.04	114701	14	120			01.99- 06.04 115505	12 2.3 A49
	[8140.43.S.3585]	01.99- 06.04	114701	14	120			01.99- 06.04 112441	12 2.3
								01.99- 06.04 115505	12 2.3 A49
130.55 2.8	(Mascott)[8140.43.S.2585]	01.99- 01.01	113280	14	90			01.99- 06.04 115505	12 2.3 A49
		01.99- 06.04	114701	14	120			01.99- 01.01 112441	12 2.3
	[8140.43.S.3585]	01.99- 06.04	114701	14	120			01.99- 06.04 112441	12 2.3
								01.99- 06.04 115505	12 2.3 A49
130.65 2.8	(Mascott)[8140.43.S.2585]	01.99- 01.01	113280	14	90			01.99- 01.01 112441	12 2.3
		01.99- 06.04	114701	14	120			01.99- 06.04 115505	12 2.3 A49
	[8140.43.S.3585]	01.99- 06.04	114701	14	120			01.99- 06.04 112441	12 2.3
								01.99- 06.04 115505	12 2.3 A49
140.35 2.8	(Mascott)[8140.43k]	01.01- 01.01	113280	14	90			01.01- 112441	12 2.3
		01.01- 06.04	114701	14	120			01.01- 06.04 115505	12 2.3 A49
140.55 2.8	(Mascott)[8140.43k]	01.01- 01.01	113280	14	90			01.01- 112441	12 2.3
		01.01- 06.04	114701	14	120			01.01- 06.04 115505	12 2.3 A49
140.65 2.8	(Mascott)[8140.43k]	01.01- 01.01	113280	14	90			01.01- 112441	12 2.3
		01.01- 06.04	114701	14	120			01.01- 06.04 115505	12 2.3 A49
150.35 2.8	(Mascott)[8140.43N.3585]	10.01- 10.01	113280	14	90			10.01- 112441	12 2.3
		10.01- 06.04	114701	14	120			10.01- 06.04 115505	12 2.3 A49
150.55 2.8	(Mascott)[8140.43N.3585]	10.01- 10.01	113280	14	90			10.01- 112441	12 2.3
		10.01- 06.04	114701	14	120			10.01- 06.04 115505	12 2.3 A49
150.65 2.8	(Mascott)[8140.43N.3585]	10.01- 10.01	113280	14	90			10.01- 112441	12 2.3
		10.01- 06.04	114701	14	120			10.01- 06.04 115505	12 2.3 A49
160.35 3.0	(Mascott)[DXI3]	05.04- 12.10	113993	14	135			05.04- 114032	12 2.5
	[ZD3A604]	05.04- 12.10	113993	14	135			05.04- 114032	12 2.5
160.55 3.0	(Mascott)[DXI3]							05.04- 114032	12 2.5
	[ZD3A604]							05.04- 114032	12 2.5
160.65 3.0	(Mascott)[DXI3]							05.04- 114032	12 2.5
	[ZD3A604]							05.04- 114032	12 2.5
90.35 2.8	(Mascott)[8140.63.2585]	01.99- 01.01	113280	14	90			01.99- 01.01 112441	12 2.3
		01.99- 12.01	114701	14	120			01.99- 12.01 115505	12 2.3 A49
B 110.45 2.8	(Messenger)[8140.23.2585]	06.96- 06.99	110889	14	75			06.96- 06.99 113134	12 2.2
		06.96- 06.99	111319	14	105				
B 120.35 2.8	(Messenger)[8140.43.2585]	06.96- 06.99	110889	14	75			06.96- 06.99 113134	12 2.2
		06.96- 06.99	111319	14	105				
B 120.55 2.5	(Messenger)[8140.47.2585]	07.94- 07.96	110889	14	75			07.94- 07.96 113134	12 2.2
		07.94- 07.96	111319	14	105				
B 120.55 2.8	(Messenger)[8140.43.2585]	06.96- 06.99	110889	14	75			06.96- 06.99 113134	12 2.2
		06.96- 06.99	111319	14	105				
B 120.55 2.8	(Messenger)[8140.43.2585]	06.96- 06.99	110889	14	75			06.96- 06.99 113134	12 2.2
		06.96- 06.99	111319	14	105				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





B 120.65 2.5	(Messenger)[8140.47.2585]	07.94- 07.96	110889	14 75	07.94- 07.96	113134	12 2.2
		07.94- 07.96	111319	14 105			
B 120.65 2.8	(Messenger)[8140.43.2585]	06.96- 06.99	110889	14 75	06.96- 06.99	113134	12 2.2
		06.96- 06.99	111319	14 105			
B 70 2.4 Diesel	[8140.61.235]	01.83- 12.90	110889	14 75	11.85- 12.90	113134	12 2.2
B 80.35 2.5	(Messenger)[8140.07.2530ID]	08.90- 06.94	110889	14 75	08.90- 06.94	113134	12 2.2
		08.90- 06.94	111319	14 105			
	[8140.07.2585]	07.94- 07.96	110889	14 75	07.94- 07.96	113134	12 2.2
		07.94- 07.96	111319	14 105			
	[8140.67.2585]	06.96- 06.99	110889	14 75	06.96- 06.99	113134	12 2.2
		06.96- 06.99	111319	14 105			
B 80.45 2.5	(Messenger)[8140.07.2530ID]	08.90- 06.94	110889	14 75	08.90- 07.96	113134	12 2.2
		08.90- 06.94	111319	14 105			
	[8140.07.2585]	07.94- 07.96	110889	14 75	07.94- 07.96	113134	12 2.2
		07.94- 07.96	111319	14 105			
	[8140.67.2585]	06.96- 06.99	110889	14 75	06.96- 06.99	113134	12 2.2
		06.96- 06.99	111319	14 105			
B 90 2.4 Diesel	[8140.21.235 IDS]	01.86- 06.94	110889	14 75	04.86- 01.92	113134	12 2.2
<b>TRUCKS EU</b>							
300 9.8	(Ares)[MIDR 06.20.45 R41]	04.98-	112189	28 80	04.98-	111231	24 6.6
		04.98-	112343	28 140			
340 9.8	(Ares)[MIDR 06.20.45 M41]	04.98-	112189	28 80	04.98-	111231	24 6.6
		04.98-	112343	28 140			
380 11.1	(Ares)[MIDR 06.23.56 A41]	06.00-	112189	28 80	06.00-	111231	24 6.6
		06.00-	112343	28 140			
110.28 2.5	(Mascott)[DXi2,5]	03.07-	114244	14 130			
	(Maxity)[DXi2,5]	03.07-	114244	14 130			
110.32 2.5	(Maxity)[DXi2,5]	03.07-	114244	14 130			
110.35 2.5	(Maxity)[DXi2,5]	03.07-	114244	14 130			
130.35 2.5	(Maxity)[DXi2,5]	03.07-	114244	14 130			
130.45 2.5	(Maxity)[DXi2,5]	03.07-	114244	14 130			
135.08 4.1	(Midlum)[MIDR04.02.26A/4]	02.00- 06.01	112189	28 80	01.00-	113466	24 4.0
135.09 4.1	(Midlum)[MIDR04.02.26A/4]	02.00- 06.01	112189	28 80	01.00-	113466	24 4.0
135.10 4.1	(Midlum)[MIDR04.02.26A/4]	02.00- 06.01	112189	28 80	01.00-	113466	24 4.0
150.08 4.1	(Midlum)[DCi4B]	10.01-	112189	28 80	10.01-	113466	24 4.0
	[MIDR04.02.26B/4]	02.00- 06.01	112189	28 80	01.00-	113466	24 4.0
150.09 4.1	(Midlum)[MIDR04.02.26B/4]	02.00- 06.01	112189	28 80	01.00-	113466	24 4.0
150.10 4.1	(Midlum)[DCi4B]	10.01-	112189	28 80	10.01-	113466	24 4.0
	[MIDR04.02.26B/4]	02.00- 06.01	112189	28 80	01.00-	113466	24 4.0
150.12 4.1	(Midlum)[DCi4B]	02.00- 06.01	112189	28 80	01.00-	113466	24 4.0
	[MIDR04.02.26B/4]	02.00- 06.01	112189	28 80	01.00-	113466	24 4.0
160.08 4.8	(Midlum)[DXi5]	05.06-	110163	28 45	05.06-	114733	24 5.5
		05.06-	111331	28 60			
		05.06-	114303	28 100			
160.10 4.8	(Midlum)[DXi5]	05.06-	114303	28 100	05.06-	114733	24 5.5
160.12 4.8	(Midlum)[DXi5]	05.06-	114303	28 100	05.06-	114733	24 5.5
180.08 4.1	(Midlum)[DCi4C]	07.01-	112189	28 80	10.01-	113466	24 4.0
180.08 6.2	(Midlum)[MIDR06.02.26V/4]	02.00- 06.01	112189	28 80	01.00-	113466	24 4.0
180.09 6.2	(Midlum)[MIDR06.02.26V/4]	02.00- 06.01	112189	28 80	01.00-	113466	24 4.0
180.10 4.1	(Midlum)[DCi4C]	07.01-	112189	28 80	10.01-	113466	24 4.0
180.10 6.2	(Midlum)[MIDR06.02.26V/4]	02.00- 06.01	112189	28 80	01.00-	113466	24 4.0
180.12 4.1	(Midlum)[DCi4C]	07.01-	112189	28 80	10.01-	113466	24 4.0
180.12 6.2	(Midlum)[MIDR06.02.26V/4]	02.00- 06.01	112189	28 80	01.00-	113466	24 4.0
190.08 4.8	(Midlum)[DXi5]	05.06-	114303	28 100	05.06-	114733	24 5.5
190.10 4.8	(Midlum)[DXi5]	05.06-	114303	28 100	05.06-	114733	24 5.5
190.12 4.8	(Midlum)[DXi5]	05.06-	114303	28 100	05.06-	114733	24 5.5
190.13 4.8	(Midlum)[DXi5]	05.06-	114303	28 100	05.06-	114733	24 5.5
190.14 4.8	(Midlum)[DXi5]	05.06-	114303	28 100	05.06-	114733	24 5.5
190.16 4.8	(Midlum)[DXi5]	05.06-	114303	28 100	05.06-	114733	24 5.5
210.08 6.2	(Midlum)[MIDR06.02.26W/4]	02.00- 06.01	112189	28 80	01.00-	113466	24 4.0
210.09 6.2	(Midlum)[MIDR06.02.26W/4]	02.00- 06.01	112189	28 80	01.00-	113466	24 4.0
210.10 6.2	(Midlum)[MIDR06.02.26W/4]	02.00- 06.01	112189	28 80	01.00-	113466	24 4.0
210.12 6.2	(Midlum)[MIDR06.02.26W/4]	02.00- 06.01	112189	28 80	01.00-	113466	24 4.0
210.13 6.2	(Midlum)[MIDR06.02.26W/4]	02.00- 06.01	112189	28 80	01.00-	113466	24 4.0
210.14 6.2	(Midlum)[MIDR06.02.26W/4]	02.00- 06.01	112189	28 80	01.00-	113466	24 4.0
210.15 6.2	(Midlum)[MIDR06.02.26W/4]	01.00- 06.01	112189	28 80	01.00-	113466	24 4.0
210.16 6.2	(Distribution) [MIDR06.02.26W/4]	04.96- 12.99	112189	28 80	04.96-	113466	24 4.0
	(Midlum)[MIDR06.02.26W/4]	02.00- 06.01	112189	28 80	01.00-	113466	24 4.0
210.18 6.2	(Distribution) [MIDR06.02.26W/4]	04.96-	112189	28 80	04.96-	113466	24 4.0
220.08 4.8	(Midlum)[DXi5]				05.06-	114733	24 5.5
220.08 6.2	(Midlum)[DCi6W]	02.00- 06.01	112189	28 80	01.00-	113466	24 4.0
220.10 4.8	(Midlum)[DXi5]	05.06-	114303	28 100	05.06-	114733	24 5.5
220.10 6.2	(Midlum)[DCi6W]	02.00- 06.01	112189	28 80	01.00-	113466	24 4.0
220.12 4.8	(Midlum)[DXi5]	05.06-	114303	28 100	05.06-	114733	24 5.5
220.12 6.2	(Midlum)[DCi6W]	02.00- 06.01	112189	28 80	01.00-	113466	24 4.0
220.13 4.8	(Midlum)[DXi5]	05.06-	114303	28 100	05.06-	114733	24 5.5
220.13 6.2	(Midlum)[DCi6W]	02.00- 06.01	112189	28 80	01.00-	113466	24 4.0
220.14 4.8	(Midlum)[DXi5]	05.06-	114303	28 100	05.06-	114733	24 5.5
220.14 6.2	(Midlum)[DCi6W]	02.00- 06.01	112189	28 80	01.00-	113466	24 4.0
220.15 6.2	(Midlum)[DCi6W]	07.01-	112189	28 80	10.01-	113466	24 4.0
220.16 4.8	(Midlum)[DXi5]	05.06-	114303	28 100	05.06-	114733	24 5.5
220.16 6.2	(Midlum)[DCi6W]	02.00- 06.01	112189	28 80	01.00-	113466	24 4.0
220.18 6.2	(Distribution)[DCi6W]	04.96-	112189	28 80	04.96-	113466	24 4.0
	(Midlum)[DCi6W]	07.01-	112189	28 80	10.01-	113466	24 4.0
240.12 7.2	(Midlum)[DXi7]	05.06-	114303	28 100	05.06-	114733	24 5.5
240.13 7.2	(Midlum)[DXi7]	05.06-	114303	28 100	05.06-	114733	24 5.5
240.14 7.2	(Midlum)[DXi7]	05.06-	114303	28 100	05.06-	114733	24 5.5
240.15 7.2	(Midlum)[DXi7]	05.06-	114303	28 100	05.06-	114733	24 5.5

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

RENAULT V.I. Continued

240.16 7.2	(Midlum)[DXi7]	05.06-	114303	28 100	05.06-	114733	24 5.5
240.18 7.2	(Distribution)[DXi7]	05.06-	114303	28 100	05.06-	114733	24 5.5
	(Midlum)[DXi7]	05.06-	114303	28 100	05.06-	114733	24 5.5
250.12 6.2	(Midlum)[MIDR06.02.26Y/41]	02.00- 06.01	112189	28 80	01.00-	113466	24 4.0
250.13 6.2	(Midlum)[MIDR06.02.26Y/41]	02.00- 06.01	112189	28 80	01.00-	113466	24 4.0
250.14 6.2	(Midlum)[MIDR06.02.26Y/41]	02.00- 06.01	112189	28 80	01.00-	113466	24 4.0
250.15 6.2	(Midlum)[MIDR06.02.26Y/41]	02.00- 06.01	112189	28 80	01.00-	113466	24 4.0
250.16 6.2	(Distribution)	04.96- 12.99	112189	28 80	04.96-	113466	24 4.0
	[MIDR06.02.26Y/41]						
	(Midlum)[MIDR06.02.26Y/41]	02.00- 06.01	112189	28 80	01.00-	113466	24 4.0
250.18 6.2	(Distribution)	04.96-	112189	28 80	04.96-	113466	24 4.0
	[MIDR06.02.26Y/41]						
250.19 6.2	(Distribution)	04.96- 12.99	112189	28 80	04.96-	113466	24 4.0
	[MIDR06.02.26Y/41]						
260.16 9.8	(Distribution) [MIDR06.20.45C/4]	04.96- 12.99	112189	28 80	04.96- 09.98	111231	24 6.6
260.18 9.8	(Distribution) [MIDR06.20.45C/4]	04.96- 12.99	112189	28 80			
	(Kerax)[MIDR06.20.45C/4]	06.97-	112189	28 80	06.97- 12.99	111231	24 6.6
					06.97-	113676	24 5.5
260.19 9.8	(Distribution) [MIDR06.20.45C/4]	04.96- 12.99	112189	28 80	04.96- 09.98	111231	24 6.6
270.12 6.2	(Midlum)[DCi6A]	07.01-	112189	28 80	10.01-	113466	24 4.0
270.13 6.2	(Midlum)[DCi6A]	07.01-	112189	28 80	10.01-	113466	24 4.0
270.14 6.2	(Midlum)[DCi6A]	07.01-	112189	28 80	10.01-	113466	24 4.0
270.16 6.2	(Midlum)[DCi6A]	07.01-	112189	28 80	10.01-	113466	24 4.0
270.18 11.1	(Kerax)[DCi11-270]	01.01-	114508	28 90	01.01-	113672	24 5.5
					01.01-	113673	24 5.5
270.18 6.2	(Distribution)[DCi6A]				08.00-	113466	24 4.0
	(Midlum)[DCi6A]	07.01-	112189	28 80	10.01-	113466	24 4.0
270.18 7.2	(Lander)[DXi7]	10.06-	114303	28 100	10.06-	114733	24 5.5
270.19 7.2	(Distribution)[DXi7]	10.06-	114303	28 100	10.06-	114733	24 5.5
	(Lander)[DXi7]	10.06-	114303	28 100	10.06-	114733	24 5.5
280.12 7.2	(Midlum)[DXi7]	05.06-	114303	28 100	05.06-	114733	24 5.5
280.13 7.2	(Midlum)[DXi7]	05.06-	114303	28 100	05.06-	114733	24 5.5
280.14 7.2	(Midlum)[DXi7]	05.06-	114303	28 100	05.06-	114733	24 5.5
280.16 7.2	(Midlum)[DXi7]	05.06-	114303	28 100	05.06-	114733	24 5.5
280.18 7.2	(Distribution)[DXi7]	10.05-	114303	28 100	10.05-	114733	24 5.5
	(Midlum)[DXi7]	05.06-	114303	28 100	05.06-	114733	24 5.5
280.26 7.2	(Distribution)[DXi7]	10.05-	114303	28 100	10.05-	114733	24 5.5
300.16 9.8	(Distribution)	02.96- 12.99	112189	28 80	04.96-	113676	24 5.5
	[MIDR06.20.45D/41]						
	(Route)[MIDR06.20.45D/41]	02.96- 12.99	112189	28 80	09.96-	113676	24 5.5
300.18 9.8	(Distribution)	04.96-	112189	28 80	04.96- 09.98	111231	24 6.6
	[MIDR06.20.45D/41]						
	(Kerax)[MIDR06.20.45D/41]	01.00-	112189	28 80	06.97- 12.99	111231	24 6.6
					06.97-	113676	24 5.5
	(Route)[MIDR06.20.45D/41]	02.96- 12.99	112189	28 80	09.96- 09.98	111231	24 6.6
					09.96-	113676	24 5.5
300.19 9.8	(Distribution)	02.96- 12.99	112189	28 80	04.96-	113676	24 5.5
	[MIDR06.20.45D/41]						
	(Route)[MIDR06.20.45D/41]	02.96- 12.99	112189	28 80	09.96-	113676	24 5.5
300.26 9.8	(Distribution)	04.96-	112189	28 80	04.96- 09.98	111231	24 6.6
	[MIDR06.20.45D/41]						
	(Kerax)[MIDR06.20.45D/41]	01.00-	112189	28 80	06.97- 12.99	111231	24 6.6
					06.97-	113676	24 5.5
	[MIDR06.20.45E/41]	01.00-	112189	28 80	06.97-	111231	24 6.6
					06.97-	113676	24 5.5
310.18 7.2	(Distribution)[DXi7]	10.06-	114303	28 100	10.06-	114733	24 5.5
310.19 7.2	(Lander)[DXi7]	10.06-	114303	28 100	10.06-	114733	24 5.5
310.26 7.2	(Distribution)[DXi7]	10.06-	114303	28 100	10.06-	114733	24 5.5
	(Lander)[DXi7]	10.06-	114303	28 100	10.06-	114733	24 5.5
	(Premium 2)[DXi7]	10.06-	114303	28 100	10.06-	114733	24 5.5
320.18 11.1	(Distribution)[DCi11G]	08.00-	114508	28 90	08.00-	113673	24 5.5
		04.01-	112189	28 80	08.00-	113672	24 5.5
	(Kerax)[DCi11G]	01.01-	114508	28 90	01.01-	113672	24 5.5
					01.01-	113673	24 5.5
	(Route)[DCi11G]	08.00-	114508	28 90	08.00-	113673	24 5.5
		04.01-	112189	28 80	08.00-	113672	24 5.5
320.18 7.2	(Distribution)[DXi7]	10.05-	114303	28 100	10.05-	114733	24 5.5
320.24 11.1	(Distribution)[DCi11G]	08.00-	114508	28 90	08.00-	113673	24 5.5
		04.01-	112189	28 80	08.00-	113672	24 5.5
320.26 11.1	(Distribution)[DCi11G]	08.00-	112189	28 80	08.00-	113672	24 5.5
		08.00-	114508	28 90	08.00-	113673	24 5.5
	(Kerax)[DCi11G]	01.01-	112189	28 80	01.01-	113672	24 5.5
		01.01-	114508	28 90	01.01-	113673	24 5.5
320.26 7.2	(Distribution)[DXi7]	10.05-	114303	28 100	10.05-	114733	24 5.5
340.18 7.2	(Distribution)[DXi7]	10.06-	114303	28 100	10.06-	114733	24 5.5
	(Lander)[DXi7]	10.06-	114303	28 100	10.06-	114733	24 5.5
340.18 9.8	(Distribution)	04.96-	112189	28 80	04.96- 12.99	111231	24 6.6
	[MIDR06.20.45E/41]						
	(Kerax)[MIDR06.20.45C/4]	06.97-	112189	28 80	06.97- 12.99	111231	24 6.6
					06.97-	113676	24 5.5
	[MIDR06.20.45E/41]	06.97-	112189	28 80	06.97- 12.99	111231	24 6.6
					06.97-	113676	24 5.5
	(Route)[MIDR06.20.45E/41]	01.00-	112189	28 80	04.96- 11.99	111231	24 6.6
					04.96-	113676	24 5.5
340.19 7.2	(Distribution)[DXi7]	10.06-	114303	28 100	10.06-	114733	24 5.5
	(Lander)[DXi7]	10.06-	114303	28 100	10.06-	114733	24 5.5



340.19 9.8	(Distribution) [MIDR06.20.45F/41]	04.96- 12.99	112189	28 80		04.96- 12.99	111231	24 6.6
	(Route)[MIDR06.20.45E/41]	01.00-	112189	28 80		04.96-	113676	24 5.5
340.24 9.8	(Route)[MIDR06.20.45E/41]	01.00-	112189	28 80		04.96-	113676	24 5.5
340.26 7.2	(Distribution)[DXI7]	10.06-	114303	28 100		10.06-	114733	24 5.5
	(Lander)[DXI7]	10.06-	114303	28 100		10.06-	114733	24 5.5
	(Premium 2)[DXI7]	10.06-	114303	28 100		10.06-	114733	24 5.5
340.26 9.8	(Distribution) [MIDR06.20.45E/41]	04.96-	112189	28 80		04.96- 12.99	111231	24 6.6
	(Kerax)[MIDR06.20.45E/41]	06.97- 01.01	112189	28 80		04.96- 12.99	111231	24 6.6
						06.97- 01.01	113676	24 5.5
	(Route)[MIDR06.20.45E/41]	01.00-	112189	28 80		04.96- 11.99	111231	24 6.6
						04.96-	113676	24 5.5
340.32 9.8	(Kerax)[MIDR06.20.45E/41]	06.97-	112189	28 80		06.97-	113676	24 5.5
						06.97- 12.99	111231	24 6.6
						06.97-	113673	24 5.5
350.34 11.1	(Kerax)[MIDR06.23.56A/3]					01.03-	113676	24 5.5
370.18 10.8	(Distribution)[DXI11]	10.05-	114407	28 90		10.05-	114193	24 5.5
	(Kerax)[DXI11]	10.05-	114407	28 90		10.05-	114193	24 5.5
370.18 11.1	(Distribution)[DCi11E]	08.00-	114508	28 90		08.00-	113673	24 5.5
		04.01-	112189	28 80		08.00-	113672	24 5.5
	(Kerax)[DCi11E]	01.01-	112189	28 80		01.01-	113672	24 5.5
		01.01-	114508	28 90		01.01-	113673	24 5.5
	(Route)[DCi11E]	08.00-	114508	28 90		08.00-	113673	24 5.5
		04.01-	112189	28 80		08.00-	113672	24 5.5
370.24 11.1	(Distribution)[DCi11E]	08.00-	112189	28 80		08.00-	113672	24 5.5
		08.00-	114508	28 90		08.00-	113673	24 5.5
	(Route)[DCi11E]	08.00-	114508	28 90		08.00-	113673	24 5.5
		04.01-	112189	28 80		08.00-	113672	24 5.5
370.26 10.8	(Distribution)[DXI11]	10.05-	114407	28 90		10.05-	114193	24 5.5
	(Kerax)[DXI11]	10.05-	114407	28 90		10.05-	114193	24 5.5
370.26 11.1	(Distribution)[DCi11E]	08.00-	114508	28 90		08.00-	113673	24 5.5
		04.01-	112189	28 80		08.00-	113672	24 5.5
	(Kerax)[DCi11E]	01.01-	112189	28 80		01.01-	113672	24 5.5
		01.01-	114508	28 90		01.01-	113673	24 5.5
	(Route)[DCi11E]	08.00-	114508	28 90		08.00-	113673	24 5.5
		04.01-	112189	28 80		08.00-	113672	24 5.5
370.32 10.8	(Kerax)[DXI11]	10.05-	114407	28 90		10.05-	114193	24 5.5
370.32 11.1	(Kerax)[DCi11E]	01.01-	112189	28 80		01.01-	113672	24 5.5
		01.01-	114508	28 90		01.01-	113673	24 5.5
385.18 11.1	(Kerax)[MIDR06.23.56A/41]	06.97-	112189	28 80		06.97- 12.99	111231	24 6.6
						06.97-	113676	24 5.5
	(Route)[MIDR06.23.56A/41]	02.96- 12.99	112189	28 80		04.96- 12.99	111231	24 6.6
						04.96-	113676	24 5.5
	[MIDR06.23.56B/41]	04.96-	112189	28 80		04.96- 12.99	111231	24 6.6
						04.96-	113676	24 5.5
385.19 11.1	(Route)[MIDR06.23.56A/41]	04.96-	112189	28 80		04.96-	113676	24 5.5
	[MIDR06.23.56B/41]	04.96-	112189	28 80		04.96-	113676	24 5.5
385.24 11.1	(Route)[MIDR06.23.56A/41]	04.96- 03.01	112189	28 80 BO		04.96- 12.99	111231	24 6.6
						04.96-	113676	24 5.5
	[MIDR06.23.56B/41]	04.96- 03.01	112189	28 80 BO		04.96- 12.99	111231	24 6.6
						04.96-	113676	24 5.5
385.26 11.1	(Kerax)[MIDR06.23.56A/41]	01.00-	112076	28 80		06.97-	113676	24 5.5
		06.97-	112189	28 80		06.97- 12.99	111231	24 6.6
	(Route)[MIDR06.23.56A/41]					04.96- 12.99	111231	24 6.6
						04.96-	113676	24 5.5
	[MIDR06.23.56B/41]	04.96-	112189	28 80		04.96- 12.99	111231	24 6.6
						04.96-	113676	24 5.5
385.32 11.1	(Kerax)[MIDR06.23.56A/41]	01.00-	112189	28 80		06.97-	113676	24 5.5
						06.97-	111231	24 6.6
400.18 11.1	(Distribution)[MIDR06.23.56B/41]					01.00-	113676	24 5.5
	(Kerax)[MIDR06.23.56B/41]	01.00-	112189	28 80		01.00-	111231	24 6.6
						01.00-	113676	24 5.5
	(Route)[MIDR06.23.56A/41]	04.96-	112189	28 80		04.96-	113676	24 5.5
						04.96- 12.99	111231	24 6.6
	[MIDR06.23.56B/41]	01.00-	112189	28 80		04.96- 12.99	111231	24 6.6
						04.96-	113676	24 5.5
400.18 12.0	(E.tech)[MACKE.TECHA/46]	03.01-	112189	28 80		05.00-	114100	24 7.5
400.19 11.1	(Route)[MIDR06.23.56A/41]	04.96-	112189	28 80		04.96-	113676	24 5.5
	[MIDR06.23.56B/41]	04.96-	112189	28 80		04.96-	113676	24 5.5
400.24 11.1	(Route)[MIDR06.23.56A/41]	04.96-	112189	28 80		04.96- 12.99	111231	24 6.6
						04.96-	113676	24 5.5
	[MIDR06.23.56B/41]	04.98- 03.01	112189	28 80 BO		04.96- 12.99	111231	24 6.6
						04.96-	113676	24 5.5
400.24 12.0	(E.tech)[MACKE.TECHA/46]	03.01-	112189	28 80		05.00-	114100	24 7.5
400.26 11.1	(Kerax)[MIDR06.23.56B/41]	01.00-	112189	28 80		01.00-	111231	24 6.6
						09.98-	113676	24 5.5
	(Route)[MIDR06.23.56A/41]	04.96-	112189	28 80		04.96-	113676	24 5.5
						04.96- 12.98	111231	24 6.6
	[MIDR06.23.56B/41]					04.96- 12.99	111231	24 6.6
						04.96-	113676	24 5.5
400.26 12.0	(E.tech)[MACKE.TECHA/46]	03.01-	112189	28 80		05.00-	114100	24 7.5
400.32 11.1	(Kerax)[MIDR06.23.56B/41]	01.00-	112189	28 80		01.00-	111231	24 6.6
						01.00-	113676	24 5.5
410.18 10.8	(Distribution)[DXI11]	10.05-	114407	28 90		10.05-	114193	24 5.5
	(Kerax)[DXI11]	10.05-	114407	28 90		10.05-	114193	24 5.5
	(Route)[DXI11]	10.05-	114407	28 90		10.05-	114193	24 5.5
410.24 10.8	(Route)[DXI11]	10.05-	114407	28 90		10.05-	114193	24 5.5
410.25 10.8	(Route)[DXI11]	10.05-	114407	28 90		10.05-	114193	24 5.5

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**RENAULT V.I. Continued**

410.26 10.8	(Distribution)[DXi11]	10.05-	114407	28 90	10.05-	114193	24 5.5
	(Kerax)[DXi11]	10.05-	114407	28 90	10.05-	114193	24 5.5
	(Route)[DXi11]	10.05-	114407	28 90	10.05-	114193	24 5.5
410.32 10.8	(Kerax)[DXi11]	10.05-	114407	28 90	10.05-	114193	24 5.5
420.18 11.1	(Distribution)[DCi11C]	08.00-	114508	28 90	08.00-	113673	24 5.5
		04.01-	112189	28 80	08.00-	113672	24 5.5
	(Kerax)[DCi11C]	01.01-	112189	28 80	01.01-	113672	24 5.5
		01.01-	114508	28 90	01.01-	113673	24 5.5
	(Route)[DCi11C]	08.00-	114508	28 90	08.00-	113673	24 5.5
		04.01-	112189	28 80	08.00-	113672	24 5.5
420.24 11.1	(Route)[DCi11C]	08.00-	114508	28 90	08.00-	113673	24 5.5
		04.01-	112189	28 80	08.00-	113672	24 5.5
420.25 11.1	(Route)[DCi11C]	08.00-	114508	28 90	08.00-	113673	24 5.5
		04.01-	112189	28 80	08.00-	113672	24 5.5
420.26 11.1	(Kerax)[DCi11C]	01.01-	112189	28 80	01.01-	113672	24 5.5
		01.01-	114508	28 90	01.01-	113673	24 5.5
	(Route)[DCi11C]	08.00-	114508	28 90	08.00-	113673	24 5.5
		04.01-	112189	28 80	08.00-	113672	24 5.5
420.32 11.1	(Kerax)[DCi11C]	10.01-	112189	28 80	10.01-	113672	24 5.5
		10.01-	114508	28 90	10.01-	113673	24 5.5
420.34 11.1	(Kerax)[DCi11C]	01.01-	112189	28 80	01.01-	113672	24 5.5
		01.01-	114508	28 90	01.01-	113673	24 5.5
440.18 12.0	(E.tech)[MACKE.TECHB/46]	03.01-	112189	28 80	05.00-	114100	24 7.5
440.19 12.8	(Magnum)[DXi13]	03.09-	114212	28 110			
		03.09-	115488	28 110 A49			
440.24 12.0	(E.tech)[MACKE.TECHB/46]	03.01-	112189	28 80	05.00-	114100	24 7.5
440.26 12.0	(E.tech)[MACKE.TECHB/46]	03.01-	112189	28 80	05.00-	114100	24 7.5
450.18 10.8	(Distribution)[DXi11]	10.05-	114407	28 90	10.05-	114193	24 5.5
	(Kerax)[DXi11]	10.05-	114407	28 90	10.05-	114193	24 5.5
	(Route)[DXi11]	10.05-	114407	28 90	10.05-	114193	24 5.5
	(Route)[DXi11]	10.05-	114407	28 90	10.05-	114193	24 5.5
450.24 10.8	(Route)[DXi11]	10.05-	114407	28 90	10.05-	114193	24 5.5
450.25 10.8	(Route)[DXi11]	10.05-	114407	28 90	10.05-	114193	24 5.5
450.26 10.8	(Kerax)[DXi11]	10.05-	114407	28 90	10.05-	114193	24 5.5
	(Route)[DXi11]	10.05-	114407	28 90	10.05-	114193	24 5.5
450.32 10.8	(Kerax)[DXi11]	10.05-	114407	28 90	10.05-	114193	24 5.5
460.18 12.8	(Magnum)[DXi13]	05.06-	114212	28 110			
		05.06-	115488	28 110 A49			
460.24 12.8	(Magnum)[DXi13]	05.06-	114212	28 110			
		05.06-	115488	28 110 A49			
460.25 12.8	(Magnum)[DXi13]	05.06-	114212	28 110			
		05.06-	115488	28 110 A49			
460.26 12.8	(Magnum)[DXi13]	05.06-	114212	28 110			
		05.06-	115488	28 110 A49			
460.32 12.8	(Kerax)[DXi13]	05.06-	114212	28 110			
		05.06-	115488	28 110 A49			
480.18 12.0	(E.tech)[MACKE.TECHC/46]	03.01-	112189	28 80	05.00-	114100	24 7.5
480.19 12.8	(Magnum)[DXi13]	03.09-	114212	28 110			
		03.09-	115488	28 110 A49			
480.24 12.0	(E.tech)[MACKE.TECHC/46]	03.01-	112189	28 80	05.00-	114100	24 7.5
480.26 12.0	(E.tech)[MACKE.TECHC/46]	03.01-	112189	28 80	05.00-	114100	24 7.5
480.26 12.8	(Magnum)[DXi13]	03.09-	114212	28 110			
		03.09-	115488	28 110 A49			
500.18 12.8	(Magnum)[DXi13]	05.06-	114212	28 110			
		05.06-	115488	28 110 A49			
500.24 12.8	(Magnum)[DXi13]	05.06-	114212	28 110			
		05.06-	115488	28 110 A49			
500.25 12.8	(Magnum)[DXi13]	05.06-	114212	28 110			
		05.06-	115488	28 110 A49			
500.26 12.8	(Magnum)[DXi13]	05.06-	114212	28 110			
		05.06-	115488	28 110 A49			
500.32 12.8	(Kerax)[DXi13]	05.06-	114212	28 110			
		05.06-	115488	28 110 A49			
520.19 12.8	(Magnum)[DXi13]	08.09-	114212	28 110			
		08.09-	115488	28 110 A49			
520.24 12.8	(Magnum)[DXi13]	08.09-	114212	28 110			
		08.09-	115488	28 110 A49			
520.25 12.8	(Magnum)[DXi13]	08.09-	114212	28 110			
		08.09-	115488	28 110 A49			
520.26 12.8	(Magnum)[DXi13]	08.09-	114212	28 110			
		08.09-	115488	28 110 A49			
AE 380.18 12.0	(Magnum)[MIDR06.35.40H]	09.90- 06.92	112159	28 80	09.90- 06.92	113262#	24 8.8
AE 380.18T 12.0	(Magnum)[MIDR06.35.40H]	09.90- 06.92	112159	28 80	09.90- 06.92	113262#	24 8.8
AE 380.26 12.0	(Magnum)[MIDR06.35.40H]	09.90- 06.92	112159	28 80	09.90- 06.92	113262#	24 8.8
AE 380.26T 12.0	(Magnum)[MIDR06.35.40H]	09.90- 06.92	112159	28 80	09.90- 06.92	113262#	24 8.8
AE 385 12.0	(Magnum)[MIDR06.35.40N/3]	02.92- 10.96	111331	28 60	02.92- 10.96	113262#	24 8.8
		02.92- 10.96	112159	28 80			
AE 390 12.0	(Magnum)[MIDR06.24.65A/42]	09.96- 05.00	112189	28 80			
AE 420 12.0	(Magnum)[MIDR06.35.40J/3]	10.92- 12.96	111331	28 60			
		10.92- 12.96	112159	28 80			
	[MIDR06.35.40P/41]	10.92- 12.96	111331	28 60			
		10.92- 12.96	112189	28 80			
		04.96- 12.96	112159	28 80			
AE 430 12.0	(Magnum)[MIDR06.24.65B/42]	09.96- 05.00	112189	28 80			
AE 470 12.0	(Magnum)[MIDR06.24.65C/42]	11.96- 08.99	112189	28 80			
AE 520 16.5	(Magnum)[Mack-EE9-530]	10.92- 05.96	112159	28 80			
AE 560 16.4	(Magnum)[Mack-EE9-560]	04.96- 05.00	112189	28 80			
Agora 9.8	(Agora)[MIDR06.20.45I41]	01.96-	112189	28 80	01.96-	111231	24 6.6
Ares 9.8	(Ares)[MIDR06.20.45M41]	04.98-	112189	28 80	04.98-	111231	24 6.6
	[MIDR06.20.45R41]	04.98-	112189	28 80	04.98-	111231	24 6.6



B 110 2.5 Diesel	[8140.27.25..]	08.90- 06.96	110889	14	75				
B 110 2.8 Diesel	[8140.23.25..]	06.96- 06.99	110889	14	75				
B 120 2.5 Diesel	[8140.47.25..]	10.91- 07.96	110889	14	75				
B 120 2.8 Diesel	[8140.43.25..]	06.96- 06.99	110889	14	75				
C 210.19 8.8	[MIDS06.20.30N]					12.83- 05.91	111231	24	6.6
C 260.19T 9.8	[MIDS06.20.45B]					10.82- 10.98	111231	24	6.6
C 260.26 9.8	[MIDS06.20.45B]					10.82- 05.91	111231	24	6.6
C 290.19/T 9.8	[MIDR06.20.45D]					05.86- 05.91	111231	24	6.6
C 300.19 9.8	[MIDR06.20.45D3]	04.87- 10.98	111331	28	60	09.92- 10.98	111231	24	6.6
C 300.24 9.8	[MIDR06.20.45D]					09.92- 03.93	111231	24	6.6
	[MIDR06.20.45D3]					03.93- 10.98	111231	24	6.6
C 300.26 9.8	[MIDR06.20.45D]					09.92- 03.93	111231	24	6.6
	[MIDR06.20.45D3]					03.93- 10.98	111231	24	6.6
C 340.19 9.8	[MIDR06.20.45E]					07.90- 09.92	111231	24	6.6
	[MIDR06.20.45E2]					10.91- 09.92	111231	24	6.6
	[MIDR06.20.45E3]					02.92- 09.92	111231	24	6.6
C 340ti.17 9.8	[MIDR06.20.45E]	07.90- 10.98	111331	28	60	07.90- 09.92	111231	24	6.6
	[MIDR06.20.45E2]	07.90- 10.98	111331	28	60	10.91- 09.92	111231	24	6.6
	[MIDR06.20.45E3]	07.90- 10.98	111331	28	60	02.92- 09.92	111231	24	6.6
C 340ti.19 9.8	[MIDR06.20.45E]					07.90- 09.92	111231	24	6.6
	[MIDR06.20.45E2]					10.91- 09.92	111231	24	6.6
	[MIDR06.20.45E3]					02.92- 09.92	111231	24	6.6
CBH 280 12.0	[MIDS06.35.40D]	04.86- 10.92	111331	28	60				
CBH 320.24 12.0	[MIDR06.35.40M3]	10.92-	111658	28	55				
		10.92-	112159	28	80				
CBH 380.26 12.0	[MIDR06.35.40H]	01.90- 10.92	112159	28	80	01.90- 10.92	113262#	24	8.8
CBH 380.26/T 12.0	[MIDR06.35.40H]	04.91- 10.92	112159	28	80	04.91- 10.92	113262#	24	8.8
CHB	[0624.65]					05.96-	112227#	24	8.0
Citybus GX 317 9.9	(Agora)[MGDR 06.20.45 D491]	06.95-	112343	28	140	06.95-	111231	24	6.6
	[MIDR 06.20.45 A491]	06.95-	112343	28	140	06.95-	111231	24	6.6
	[MIDR 06.20.45 J41]	09.94-	112343	28	140				
CLM							112227#	24	8.0
CLM 320.25 12.0	[MIDR06.35.40M3]	10.92- 10.98	111331	28	60				
CLR 220.19 8.8	[MIDS06.20.30N1]	05.86- 05.91	111331	28	60	05.86- 05.91	111231	24	6.6
CLR 230.19 6.2	[MIDR06.02.26D]					09.90- 10.98	113466	24	4.0
FR1 9.8	[MIDR06.20.45D]					01.83-	111231	24	6.6
	[MIDR06.20.45D3]					01.83-	111231	24	6.6
	[MIDR06.20.45M3]					01.83-	111231	24	6.6
G 170.11 5.5	[MIDR06.02.12D]	04.83- 02.90	110043#	28	45	05.83- 02.90	113466	24	4.0
						05.83- 02.90	113465	12	3.0
G 170.13 5.5	[MIDR06.02.12D]	04.83- 02.90	110043#	28	45	05.83- 02.90	113466	24	4.0
G 170.15 5.5	[MIDR06.02.12D]	04.83- 02.90	110043#	28	45	05.83- 02.90	113466	24	4.0
G 170.16 5.5	[MIDR06.02.12D]	04.83- 02.90	110043#	28	45	05.83- 02.90	113466	24	4.0
G 170.17 5.5	[MIDR06.02.12D]	04.83- 02.90	110043#	28	45	05.83- 02.90	113466	24	4.0
G 200.13 6.2	(Manager)[MIDR06.02.26H]	05.90- 03.91	110163	28	45	09.91- 03.93	113466	24	4.0
		09.91- 03.93	111331	28	60				
	[MIDR06.02.26Q]	09.91- 03.93	111331	28	60	09.91- 03.93	113466	24	4.0
	[MIDR06.02.26H]	05.90- 03.91	110163	28	45	05.90- 09.91	113466	24	4.0
		05.90- 09.91	111331	28	60				
G 200.15 6.2	(Manager)[MIDR06.02.26H]	05.90- 03.91	110163	28	45	09.91- 03.93	113466	24	4.0
		09.91- 03.93	111331	28	60				
	[MIDR06.02.26Q]	09.91- 03.93	111331	28	60	09.91- 03.93	113466	24	4.0
	[MIDR06.02.26H]	05.90- 03.91	110163	28	45	05.90- 09.91	113466	24	4.0
		05.90- 09.91	111331	28	60				
G 200.16 6.2	(Manager)[MIDR06.02.26H]	05.90- 03.91	110163	28	45	09.91- 03.93	113466	24	4.0
		09.91- 03.93	111331	28	60				
	[MIDR06.02.26Q]	09.91- 03.93	111331	28	60	09.91- 03.93	113466	24	4.0
	[MIDR06.02.26H]	05.90- 03.91	110163	28	45	05.90- 09.91	113466	24	4.0
		05.90- 09.91	111331	28	60				
G 200.17 6.2	(Manager)[MIDR06.02.26H]	05.90- 03.91	110163	28	45	09.91- 03.93	113466	24	4.0
						09.91- 03.93	113466	24	4.0
	[MIDR06.02.26Q]	05.90- 03.91	110163	28	45	05.90- 09.91	113466	24	4.0
G 200.18 6.2	(Manager)[MIDR06.02.26H]	05.90- 03.91	110163	28	45	09.91- 03.93	113466	24	4.0
		09.91- 03.93	111331	28	60				
	[MIDR06.02.26Q]	09.91- 03.93	111331	28	60	09.91- 03.93	113466	24	4.0
	[MIDR06.02.26H]	05.90- 03.91	110163	28	45	05.90- 09.91	113466	24	4.0
		05.90- 09.91	111331	28	60				
G 210.16 6.2	(Manager)[MIDR06.02.26W]	01.90- 03.91	110163	28	45	05.92- 10.96	113466	24	4.0
		05.92- 10.96	111331	28	60				
G 210.16 8.8	[MIDS06.20.30N]	11.83- 09.86	110043#	28	45	11.83- 02.90	111231	24	6.6
		11.83- 02.90	110163	28	45				
		11.83- 02.90	111331	28	60				
	[MIDS06.20.30N1]	11.83- 09.86	110043#	28	45	11.83- 02.90	111231	24	6.6
		11.83- 02.90	110163	28	45				
		11.83- 02.90	111331	28	60				
G 210.16/T 8.8	[MIDS06.20.30N]	11.83- 02.90	110043#	28	45	11.83- 02.90	111231	24	6.6
		11.83- 02.90	110163	28	45				
		11.83- 02.90	111331	28	60				
G 210.17 8.8	[MIDS06.20.30N]	11.83- 09.86	110043#	28	45	11.83- 02.90	111231	24	6.6
		11.83- 02.90	110163	28	45				
		11.83- 02.90	111331	28	60				
	[MIDS06.20.30N1]	11.83- 09.86	110043#	28	45	11.83- 02.90	111231	24	6.6
		11.83- 02.90	110163	28	45				
		11.83- 02.90	111331	28	60				
G 210.18 6.2	(Manager)[MIDR06.02.26W]	01.90- 03.91	110163	28	45	05.92- 10.96	113466	24	4.0
		05.92- 10.96	111331	28	60				
G 210.18 8.8	[MIDS06.20.30N]	11.83- 09.86	110043#	28	45	11.83- 02.90	111231	24	6.6
		11.83- 02.90	110163	28	45				
		11.83- 02.90	111331	28	60				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



RENAULT V.I. Continued

Application list

	[MIDS06.20.30N1]	11.83- 09.86	110043#	28 45	11.83- 02.90	111231	24 6.6
		11.83- 02.90	110163	28 45			
		11.83- 02.90	111331	28 60			
G 210.19 8.8	[MIDS06.20.30N]	11.83- 09.86	110043#	28 45	11.83- 02.90	111231	24 6.6
		11.83- 02.90	110163	28 45			
		11.83- 02.90	111331	28 60			
	[MIDS06.20.30N1]	11.83- 09.86	110043#	28 45	11.83- 02.90	111231	24 6.6
		11.83- 02.90	110163	28 45			
		11.83- 02.90	111331	28 60			
G 210.19/T 8.8	[MIDS06.20.30N]	11.83- 02.90	110043#	28 45	11.83- 02.90	111231	24 6.6
		11.83- 02.90	110163	28 45			
		11.83- 02.90	111331	28 60			
G 220.17 9.8	(Manager)[MIDS06.20.45J]				03.91- 04.93	111231	24 6.6
	[MIDS06.20.45J3]	09.91- 10.96	110163	28 45	03.91- 04.93	111231	24 6.6
	[MIDS06.20.45J]				03.91- 04.93	111231	24 6.6
G 220.19 9.8	(Manager)[MIDS06.20.45J]				03.91- 04.93	111231	24 6.6
	[MIDS06.20.45J3]				03.91- 04.93	111231	24 6.6
G 230.11 8.8	[MIDS06.20.30P]	03.84- 09.86	110043#	28 45	03.84- 06.93	111231	24 6.6
		03.84- 06.93	110163	28 45			
		03.84- 06.93	111331	28 60			
G 230.13 8.8	(Manager)[MIDS06.20.30]				03.84- 03.93	111231	24 6.6
	[MIDS06.20.30P]	03.84- 09.86	110043#	28 45	03.84- 03.93	111231	24 6.6
		03.84- 06.93	110163	28 45			
		03.84- 06.93	111331	28 60			
	[MIDS06.20.30P]	03.84- 09.86	110043#	28 45	03.84- 06.93	111231	24 6.6
		03.84- 06.93	110163	28 45			
		03.84- 06.93	111331	28 60			
G 230.15 8.8	[MIDS06.20.30P]	03.84- 09.86	110043#	28 45	03.84- 06.93	111231	24 6.6
		03.84- 06.93	110163	28 45			
		03.84- 06.93	111331	28 60			
G 230.16 8.8	[MIDS06.20.30P]	03.84- 09.86	110043#	28 45	03.84- 06.93	111231	24 6.6
		03.84- 06.93	110163	28 45			
		03.84- 06.93	111331	28 60			
G 230.17 8.8	[MIDS06.20.30P]	03.84- 09.86	110043#	28 45	03.84- 06.93	111231	24 6.6
		03.84- 06.93	110163	28 45			
		03.84- 06.93	111331	28 60			
G 230.19 8.8	[MIDS06.20.30P]	03.84- 09.86	110043#	28 45	03.84- 06.93	111231	24 6.6
		03.84- 06.93	110163	28 45			
		03.84- 06.93	111331	28 60			
G 230.19/T 8.8	[MIDS06.20.30P]	01.85- 03.93	110043#	28 45	01.85- 03.93	111231	24 6.6
		01.85- 03.93	110163	28 45			
		01.85- 03.93	111331	28 60			
G 230TI.13 6.2	(Manager)[MIDR06.02.26 X]	09.91- 03.93	111331	28 60	09.91- 03.93	113466	24 4.0
	[MIDR06.02.26D]	09.91- 03.93	111331	28 60	09.91- 03.93	113466	24 4.0
	[MIDR06.02.26D]	01.90- 03.91	110163	28 45	02.90- 08.91	113466	24 4.0
		02.90- 08.91	111331	28 60			
G 230TI.15 6.2	(Manager)[MIDR06.02.26 X]	09.91- 03.93	111331	28 60	09.91- 03.93	113466	24 4.0
	[MIDR06.02.26D]	09.91- 03.93	111331	28 60	09.91- 03.93	113466	24 4.0
	[MIDR06.02.26D]	01.90- 03.91	110163	28 45	02.90- 08.91	113466	24 4.0
		02.90- 08.91	111331	28 60			
G 230TI.16 6.2	(GAF,AWF,ABFT)	09.91- 10.96	111331	28 60	09.91- 10.96	113466	24 4.0
	[MIDR06.02.26D]						
	(Manager)[MIDR06.02.26 X]	09.91- 10.96	111331	28 60	09.91- 10.96	113466	24 4.0
	[MIDR06.02.26D]	09.91- 10.96	111331	28 60	09.91- 10.96	113466	24 4.0
	[MIDR06.02.26D]	01.90- 03.91	110163	28 45	02.90- 08.91	113466	24 4.0
		02.90- 08.91	111331	28 60			
G 230TI.17 6.2	(Manager)[MIDR06.02.26 X]	09.91- 10.96	111331	28 60	09.91- 10.96	113466	24 4.0
	[MIDR06.02.26D]	09.91- 10.96	111331	28 60	09.91- 10.96	113466	24 4.0
	[MIDR06.02.26D]	01.90- 03.91	110163	28 45	02.90- 08.91	113466	24 4.0
		02.90- 08.91	111331	28 60			
G 230TI.18 6.2	(Manager)[MIDR06.02.26 X]	05.92- 10.96	111331	28 60	05.92- 10.96	113466	24 4.0
	[MIDR06.02.26D]	05.92- 10.96	111331	28 60	05.92- 10.96	113466	24 4.0
	[MIDR06.02.26D]	01.90- 03.91	110163	28 45	02.90- 08.91	113466	24 4.0
		02.90- 08.91	111331	28 60			
G 230TI.19 6.2	(Manager)[MIDR06.02.26 X]				09.91- 10.96	113466	24 4.0
	[MIDR06.02.26D]				09.91- 10.96	113466	24 4.0
	(Maxter)[MIDR06.02.26 X]				10.92- 05.95	113466	24 4.0
	[MIDR06.02.26D]				10.92- 05.95	113466	24 4.0
	[MIDR06.02.26D]	01.90- 08.91	110163	28 45	02.90- 08.91	113466	24 4.0
		02.90- 08.91	111331	28 60			
G 260.15 9.8	[MIDS06.20.45]	10.82- 05.90	110043#	28 45	10.82- 05.90	111231	24 6.6
		10.82- 05.90	111331	28 60			
G 260.16 9.8	[MIDS06.20.45]	10.82- 05.90	110043#	28 45	10.82- 05.90	111231	24 6.6
		10.82- 05.90	111331	28 60			
G 260.17 9.8	[MIDS06.20.45]	10.82- 05.90	110043#	28 45	10.82- 05.90	111231	24 6.6
		10.82- 05.90	111331	28 60			
	[MIDS06.20.45B]	10.82- 09.86	110043#	28 45	01.90- 06.93	111231	24 6.6
		10.82- 05.90	110163	28 45			
		10.82- 05.90	111331	28 60			
G 260.19 9.8	(Maxter)[MIDR06.20.45C/4]	02.96- 06.97	112189	28 80 BO	02.96- 06.97	111231	24 6.6
	[MIDS06.20.45]	10.82- 05.90	110043#	28 45	10.82- 05.90	111231	24 6.6
		10.82- 05.90	110163	28 45			
		10.82- 05.90	111331	28 60			
G 260.19/T 9.8	[MIDS06.20.45]	10.82- 05.90	110043#	28 45	10.82- 05.90	111231	24 6.6
		10.82- 05.90	110163	28 45			
		10.82- 05.90	111331	28 60			
G 260.22 9.8	[MIDS06.20.45]	10.82- 05.90	110043#	28 45	10.82- 05.90	111231	24 6.6
		10.82- 05.90	111331	28 60			
G 260.24 9.8	[MIDS06.20.45]	10.82- 05.90	110043#	28 45	10.82- 05.90	111231	24 6.6
		10.82- 05.90	111331	28 60			



G 270.13 9.8	(Manager)[MIDR06.20.45B3]	09.91- 10.96	111331	28 60	11.92- 10.96	111231	24 6.6
	[MIDS06.20.45B]	03.93- 10.96	110163	28 45			
		09.91- 10.96	111331	28 60	09.91- 10.96	111231	24 6.6
G 270.14 9.8	(Manager)[MIDR06.20.45B3]	03.93- 10.96	110163	28 45	03.93- 10.96	111231	24 6.6
G 270.15 9.8	(Manager)[MIDR06.20.45B3]	09.91- 10.96	110163	28 45	09.91- 10.96	111231	24 6.6
	[MIDS06.20.45B]	09.91- 10.96	111331	28 60			
		09.91- 10.96	110163	28 45	09.91- 10.96	111231	24 6.6
		09.91- 10.96	111331	28 60			
G 270.16 9.8	(Manager)[MIDR06.20.45B3]	09.91- 10.96	110163	28 45	09.91- 10.96	111231	24 6.6
	[MIDS06.20.45B]	09.91- 10.96	111331	28 60	09.91- 10.96	111231	24 6.6
G 270.17 9.8	(Manager)[MIDR06.20.45B3]	09.91- 10.96	110163	28 45	11.92- 10.96	111231	24 6.6
		11.92- 10.96	111331	28 60			
G 270.18 9.8	(Manager)[MIDR06.20.45B3]	09.91- 10.96	110163	28 45	11.92- 10.96	111231	24 6.6
		11.92- 10.96	111331	28 60			
G 270.19 9.8	(Manager)[MIDR06.20.45B3]	09.91- 10.96	110163	28 45	11.92- 10.96	111231	24 6.6
	(Maxter)[MIDR06.20.45B3]	01.93- 10.96	112189	28 80 BO	01.95- 10.96	111231	24 6.6
G 270.26 9.8	(Manager)[MIDR06.20.45B]	09.91- 10.96	110163	28 45	11.92- 10.96	111231	24 6.6
G 280.13 9.8	(Manager)[MIDR06.20.45B3]	09.91- 10.96	110163	28 45	09.91- 10.96	111231	24 6.6
		09.91- 10.96	111331	28 60			
	[MIDS06.20.45B]	01.90- 12.92	110163	28 45	01.90- 06.93	111231	24 6.6
		01.90- 08.91	111331	28 60			
		01.90- 12.92	110163	28 45	01.90- 06.93	111231	24 6.6
		01.90- 08.91	111331	28 60			
G 280.15 9.8	(Manager)[MIDR06.20.45B3]	09.91- 10.96	110163	28 45	09.91- 10.96	111231	24 6.6
	[MIDS06.20.45B]	09.91- 10.96	111331	28 60			
		01.90- 12.92	110163	28 45	01.90- 06.93	111231	24 6.6
		01.90- 08.91	111331	28 60			
G 280.16 9.8	(Manager)[MIDR06.20.45B3]	09.91- 10.96	111331	28 60	09.91- 10.96	111231	24 6.6
	[MIDS06.20.45B]	01.90- 12.92	110163	28 45	01.90- 06.93	111231	24 6.6
		01.90- 08.91	111331	28 60			
		01.90- 12.92	110163	28 45	01.90- 06.93	111231	24 6.6
		01.90- 08.91	111331	28 60			
G 280.17 9.8	(Manager)[MIDS06.20.45B]	01.90- 12.92	110163	28 45	01.90- 10.96	111231	24 6.6
		01.90- 08.91	111331	28 60			
G 280.18 9.8	(Manager)[MIDS06.20.45B]	01.90- 12.92	110163	28 45	01.90- 06.93	111231	24 6.6
		01.90- 08.91	111331	28 60			
	(Maxter)[MIDS06.20.45B]				10.92- 03.93	111231	24 6.6
	[MIDS06.20.45B]	01.90- 12.92	110163	28 45	01.90- 06.93	111231	24 6.6
		01.90- 08.91	111331	28 60			
G 280.19 9.8	(Manager)[MIDS06.20.45B]	01.90- 12.92	110163	28 45	01.90- 06.93	111231	24 6.6
	[MIDS06.20.45B]	01.90- 08.91	111331	28 60			
		01.90- 12.92	110163	28 45	01.90- 06.93	111231	24 6.6
		01.90- 08.91	111331	28 60			
G 280.24 9.8	(Manager)[MIDS06.20.45B]	01.90- 12.92	110163	28 45	01.90- 06.93	111231	24 6.6
	[MIDS06.20.45B]	01.90- 08.91	111331	28 60			
		01.90- 12.92	110163	28 45	01.90- 06.93	111231	24 6.6
		01.90- 08.91	111331	28 60			
G 280.26 9.8	(Manager)[MIDS06.20.45B]	01.90- 12.92	110163	28 45	01.90- 06.93	111231	24 6.6
	[MIDS06.20.45B]	01.90- 08.91	111331	28 60			
		01.90- 12.92	110163	28 45	01.90- 06.93	111231	24 6.6
		01.90- 08.91	111331	28 60			
G 290.17 9.8	[MIDR06.20.45]	11.85- 12.89	110043#	28 45	11.85- 12.89	111231	24 6.6
		11.85- 12.89	111331	28 60			
G 290.19 9.8	[MIDR06.20.45]	11.85- 12.89	110043#	28 45	11.85- 12.89	111231	24 6.6
		11.85- 12.89	110163	28 45			
		11.85- 12.89	111331	28 60			
G 290.19/T 9.8	[MIDR06.20.45D]	11.85- 12.89	110043#	28 45	11.85- 12.89	111231	24 6.6
		11.85- 12.89	110163	28 45			
		11.85- 12.89	111331	28 60			
G 290.22 9.8	[MIDR06.20.45]	11.85- 12.89	110043#	28 45	11.85- 12.89	111231	24 6.6
		11.85- 12.89	111331	28 60			
G 290.24 9.8	[MIDR06.20.45]	11.85- 12.89	110043#	28 45	11.85- 12.89	111231	24 6.6
		11.85- 12.89	111331	28 60			
G 290.26 9.8	[MIDR06.20.45]	11.85- 12.89	110043#	28 45	11.85- 12.89	111231	24 6.6
		11.85- 12.89	111331	28 60			
G 300.13 9.8	(Manager)[MIDR06.20.45D3]	01.90- 12.92	110163	28 45	01.90- 10.96	111231	24 6.6
	[MIDR06.20.45D]	01.90- 08.91	111331	28 60			
		01.90- 12.92	110163	28 45	01.90- 03.93	111231	24 6.6
		01.90- 08.91	111331	28 60			
G 300.15 9.8	(Manager)[MIDR06.20.45D]	09.92- 12.92	110163	28 45	09.92- 10.96	111231	24 6.6
	[MIDR06.20.45D3]	01.90- 12.92	110163	28 45	01.90- 10.96	111231	24 6.6
		01.90- 08.91	111331	28 60			
	[MIDR06.20.45D]	01.90- 12.92	110163	28 45	01.90- 03.93	111231	24 6.6
		01.90- 08.91	111331	28 60			
G 300.16 9.8	(Manager)[MIDR06.20.45D]	09.92- 12.92	110163	28 45	09.92- 10.96	111231	24 6.6
	[MIDR06.20.45D3]	01.90- 12.92	110163	28 45	01.90- 03.93	111231	24 6.6
		01.90- 08.91	111331	28 60			
	[MIDR06.20.45D]	01.90- 12.92	110163	28 45	01.90- 03.93	111231	24 6.6
		01.90- 08.91	111331	28 60			
G 300.17 9.8	(Manager)[MIDR06.20.45D]	09.92- 12.92	110163	28 45	09.92- 10.96	111231	24 6.6
	[MIDR06.20.45D3]	01.90- 12.92	110163	28 45	01.90- 10.96	111231	24 6.6
		01.90- 08.91	111331	28 60			
	[MIDR06.20.45D]	01.90- 12.92	110163	28 45	01.90- 03.93	111231	24 6.6
		01.90- 08.91	111331	28 60			
G 300.18 9.8	(Manager)[MIDR06.20.45D]	09.92- 12.92	110163	28 45	09.92- 10.96	111231	24 6.6
	[MIDR06.20.45D3]	01.90- 12.92	110163	28 45	01.90- 10.96	111231	24 6.6
		01.90- 08.91	111331	28 60			

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





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G 300.19 9.8	(Maxter)[MIDR06.20.45D3]	10.92- 12.92	110163	28 45	09.92- 10.96	111231	24 6.6	
	(Manager)[MIDR06.20.45D]	01.90- 08.91	111331	28 60	01.90- 03.93	111231	24 6.6	
		01.92- 12.92	110163	28 45				
	[MIDR06.20.45D3]	01.90- 12.92	110163	28 45	01.90- 10.96	111231	24 6.6	
		01.90- 08.91	111331	28 60				
	(Maxter)[MIDR06.20.45D]	10.92- 12.92	110163	28 45	10.92- 10.96	111231	24 6.6	
	[MIDR06.20.45D/41]	02.96- 06.97	112189	28 80 BO	02.96-	111231	24 6.6	
	[MIDR06.20.45D3]	10.92- 12.92	110163	28 45	10.92- 10.96	111231	24 6.6	
	[MIDR06.20.45D]	01.90- 12.92	110163	28 45	01.90- 03.93	111231	24 6.6	
		01.90- 08.91	111331	28 60				
G 300.24 9.8	(Manager)[MIDR06.20.45D]	09.92- 12.92	110163	28 45	09.92- 10.96	111231	24 6.6	
	[MIDR06.20.45D3]	01.90- 12.92	110163	28 45	01.90- 10.96	111231	24 6.6	
		01.90- 08.91	111331	28 60				
	(Messenger)[MIDR06.20.45D3]	01.90- 12.92	110163	28 45	01.90- 10.96	111231	24 6.6	
		01.90- 03.93	111331	28 60				
G 300.25 9.8	(Manager)[MIDR06.20.45D]	09.92- 12.92	110163	28 45	09.92- 10.96	111231	24 6.6	
	[MIDR06.20.45D3]	01.90- 12.92	110163	28 45	01.90- 03.93	111231	24 6.6	
		01.90- 08.91	111331	28 60				
	[MIDR06.20.45D]	01.90- 12.92	110163	28 45	01.90- 03.93	111231	24 6.6	
		01.90- 08.91	111331	28 60				
G 300.26 9.8	(Manager)[MIDR06.20.45D]	09.92- 12.92	110163	28 45	09.92- 10.96	111231	24 6.6	
	[MIDR06.20.45D3]	01.90- 12.92	110163	28 45	01.90- 10.96	111231	24 6.6	
		01.90- 08.91	111331	28 60				
	(Maxter)[MIDR06.20.45D/41]	02.96- 06.97	112189	28 80 BO	02.96-	111231	24 6.6	
	[MIDR06.20.45D3]	10.92- 12.92	110163	28 45	06.92- 10.96	111231	24 6.6	
	[MIDR06.20.45D]	01.90- 12.92	110163	28 45	01.90- 03.93	111231	24 6.6	
G 320.19 9.8	[MIDR06.20.45H]	11.88- 05.90	111331	28 60	05.88- 05.90	111231	24 6.6	
	[MIDR06.20.45H]	11.88- 05.90	111331	28 60	05.88- 05.90	111231	24 6.6	
	G 330.13 9.8	(Manager)[MIDR06.20.45H]	02.90- 12.92	110163	28 45	02.90- 03.93	111231	24 6.6
			02.90- 01.91	111331	28 60			
		[MIDR06.20.45H]	02.90- 12.92	110163	28 45	02.90- 03.93	111231	24 6.6
	02.90- 01.91	111331	28 60					
G 330.15 9.8	(Manager)[MIDR06.20.45H]	02.90- 12.92	110163	28 45	02.90- 03.93	111231	24 6.6	
		02.90- 01.91	111331	28 60				
	[MIDR06.20.45H]	02.90- 12.92	110163	28 45	02.90- 03.93	111231	24 6.6	
	02.90- 01.91	111331	28 60					
G 330.16 9.8	(Manager)[MIDR06.20.45E]	09.91- 10.96	110163	28 45	09.91- 10.96	111231	24 6.6	
	[MIDR06.20.45E2]	09.91- 10.96	110163	28 45	09.91- 10.92	111231	24 6.6	
	[MIDR06.20.45E3]	09.91- 10.96	110163	28 45	09.91- 10.96	111231	24 6.6	
	[MIDR06.20.45H]	02.90- 12.92	110163	28 45	02.90- 03.93	111231	24 6.6	
		02.90- 01.91	111331	28 60				
	[MIDR06.20.45H]	02.90- 12.92	110163	28 45	02.90- 03.93	111231	24 6.6	
G 330.17 9.8	(Manager)[MIDR06.20.45H]	02.90- 12.92	110163	28 45	01.90- 03.93	111231	24 6.6	
		02.90- 01.91	111331	28 60				
	[MIDR06.20.45H]	02.90- 12.92	110163	28 45	02.90- 03.93	111231	24 6.6	
		02.90- 01.91	111331	28 60				
	[MIDR06.20.45H]	02.90- 12.92	110163	28 45	02.90- 03.93	111231	24 6.6	
G 330.17/T 9.8	(Manager)[MIDR06.20.45E]				09.91- 10.96	111231	24 6.6	
	[MIDR06.20.45E2]				09.91- 10.96	111231	24 6.6	
	[MIDR06.20.45E3]				09.91- 10.96	111231	24 6.6	
	[MIDR06.20.45H]				09.91- 10.96	111231	24 6.6	
	[MIDR06.20.45H]				09.91- 10.96	111231	24 6.6	
G 330.18 9.8	(Manager)[MIDR06.20.45E]				09.91- 10.96	111231	24 6.6	
	[MIDR06.20.45E2]				09.91- 10.96	111231	24 6.6	
	[MIDR06.20.45H]				09.91- 10.96	111231	24 6.6	
	(Messenger)[MIDR06.20.45H]	02.90- 12.92	110163	28 45	02.90- 03.93	111231	24 6.6	
G 330.19 9.8	(Manager)[MIDR06.20.45E]	09.91- 10.96	110163	28 45	09.91- 10.96	111231	24 6.6	
	[MIDR06.20.45E2]	09.91- 10.92	110163	28 45	09.91- 10.96	111231	24 6.6	
	[MIDR06.20.45E3]	09.91- 10.96	110163	28 45	09.91- 10.96	111231	24 6.6	
	[MIDR06.20.45H]	02.90- 12.92	110163	28 45	02.90- 03.93	111231	24 6.6	
		02.90- 01.91	111331	28 60				
	[MIDR06.20.45E3]				01.90- 08.91	111231	24 6.6	
	[MIDR06.20.45H]	02.90- 12.92	110163	28 45	02.90- 03.93	111231	24 6.6	
	02.90- 01.91	111331	28 60					
G 330.19/T 9.8	(Manager)[MIDR06.20.45E]				09.91- 10.96	111231	24 6.6	
	[MIDR06.20.45E2]				09.91- 10.96	111231	24 6.6	
	[MIDR06.20.45E3]				09.91- 10.96	111231	24 6.6	
	[MIDR06.20.45H]				09.91- 10.96	111231	24 6.6	
G 330.24 9.8	(Manager)[MIDR06.20.45H]	02.90- 12.92	110163	28 45	02.90- 03.93	111231	24 6.6	
		02.90- 01.91	111331	28 60				
	[MIDR06.20.45H]	02.90- 12.92	110163	28 45	02.90- 03.93	111231	24 6.6	
		02.90- 01.91	111331	28 60				
G 330.26 9.8	(Manager)[MIDR06.20.45E2]	10.96- 10.96	110163	28 45	10.91- 10.92	111231	24 6.6	
	[MIDR06.20.45E3]	10.91- 10.96	110163	28 45	10.91- 10.96	111231	24 6.6	
	[MIDR06.20.45H]	02.90- 12.92	110163	28 45	02.90- 10.96	111231	24 6.6	
		02.90- 01.91	111331	28 60				
	[MIDR06.20.45H]	02.90- 12.92	110163	28 45	02.90- 03.93	111231	24 6.6	
G 340 9.8	(Manager)[MIDR06.20.45E]	01.90- 03.93	111331	28 60	01.90- 03.93	111231	24 6.6	
	[MIDR06.20.45E2]				01.90- 03.93	111231	24 6.6	
	[MIDR06.20.45E3]				01.90- 03.93	111231	24 6.6	
	[MIDR06.20.45H]				01.90- 03.93	111231	24 6.6	
G 340TI 9.8	(Manager)[MIDR06.20.45E]	01.90- 03.93	111331	28 60	01.90- 03.93	111231	24 6.6	
	[MIDR06.20.45E3]				02.92- 10.96	111231	24 6.6	
G 340TI.16 9.8	(Manager)[MIDR06.20.45E]	01.90- 01.91	111331	28 60	01.90- 03.93	111231	24 6.6	
		09.91- 10.96	110163	28 45				





	[MIDR06.20.45E2]	09.91- 10.96	110163	28 45		10.91- 10.92	111231	24 6.6
	[MIDR06.20.45E3]	09.91- 10.96	110163	28 45		02.92- 10.96	111231	24 6.6
	[MIDR06.20.45H]	09.91- 10.96	110163	28 45		09.91- 10.96	111231	24 6.6
G 340Ti.17 9.8	(Manager)[MIDR06.20.45E]	01.90- 01.91	111331	28 60		01.90- 03.93	111231	24 6.6
		09.91- 10.96	110163	28 45				
	[MIDR06.20.45E2]	09.91- 10.96	110163	28 45		10.91- 10.92	111231	24 6.6
	[MIDR06.20.45E3]	09.91- 10.96	110163	28 45		02.92- 10.96	111231	24 6.6
	[MIDR06.20.45H]	09.91- 10.96	110163	28 45		09.91- 10.96	111231	24 6.6
G 340ti.18 9.8	(Manager)[MIDR06.20.45E]	01.90- 03.93	111331	28 60		01.90- 03.93	111231	24 6.6
						01.90- 10.96	111231	24 6.6
	[MIDR06.20.45E2]					01.90- 10.96	111231	24 6.6
	[MIDR06.20.45E3]					10.92- 06.97	111231	24 6.6
	(Maxter)[MIDR06.20.45E/41]					10.92- 06.97	111231	24 6.6
	[MIDR06.20.45E3]					10.92- 10.96	111231	24 6.6
G 340Ti.19 9.8	(Maxter)[MIDR06.20.45E/41]					10.92- 06.97	111231	24 6.6
						10.92- 10.96	111231	24 6.6
	[MIDR06.20.45E3]					05.93-	111231	24 6.6
	[MIDR06.20.45H]	01.90- 08.91	110163	28 45		01.90- 08.91	111231	24 6.6
		01.90- 08.91	111331	28 60				
G 340ti.19,G 330.19 9.8	(Manager)[MIDR06.20.45E]					09.91- 10.96	111231	24 6.6
						09.91- 10.96	111231	24 6.6
	[MIDR06.20.45E2]					09.91- 10.96	111231	24 6.6
	[MIDR06.20.45E3]					09.91- 10.96	111231	24 6.6
	[MIDR06.20.45H]					09.91- 10.96	111231	24 6.6
G 340ti.19/T 9.8	(Manager)[MIDR06.20.45E]					09.91- 10.96	111231	24 6.6
						09.91- 10.96	111231	24 6.6
	[MIDR06.20.45E2]					09.91- 10.96	111231	24 6.6
	[MIDR06.20.45E3]					09.91- 10.96	111231	24 6.6
	[MIDR06.20.45H]					09.91- 10.96	111231	24 6.6
G 340Ti.25 9.8	(Maxter)[MIDR06.20.45E/41]					10.92- 06.97	111231	24 6.6
						10.92- 10.96	111231	24 6.6
	[MIDR06.20.45E3]					10.92- 06.97	111231	24 6.6
G 340Ti.25 9.8	(Maxter)[MIDR06.20.45E/41]					10.92- 06.97	111231	24 6.6
						10.92- 06.97	111231	24 6.6
	[MIDR06.20.45E3]					10.92- 10.96	111231	24 6.6
G 340Ti.26 9.8	(Manager)[MIDR06.20.45E2]	10.91- 10.96	110163	28 45		01.90- 03.93	111231	24 6.6
						02.92- 10.96	111231	24 6.6
	[MIDR06.20.45E3]	10.91- 10.96	110163	28 45		10.91- 10.96	111231	24 6.6
	[MIDR06.20.45H]	10.91- 10.96	110163	28 45		10.91- 10.96	111231	24 6.6
	(Maxter)[MIDR06.20.45E/41]	02.96- 06.97	112189	28 80 BO		10.92- 06.97	111231	24 6.6
						10.92- 10.96	111231	24 6.6
	[MIDR06.20.45E3]	02.96- 06.97	112189	28 80 BO		10.92- 10.96	111231	24 6.6
G 340Ti.32 9.8	(Maxter)[MIDR06.20.45E/41]	02.96- 06.97	112189	28 80 BO		10.92- 06.97	111231	24 6.6
						10.92- 10.96	111231	24 6.6
	[MIDR06.20.45E3]	02.96- 06.97	112189	28 80 BO		10.92- 10.96	111231	24 6.6
G 340Ti.34 9.8	(Maxter)[MIDR06.20.45D/41]					02.96-	111231	24 6.6
						10.92- 06.97	111231	24 6.6
	[MIDR06.20.45D3]					10.92- 06.97	111231	24 6.6
	[MIDR06.20.45E/41]					10.92- 06.97	111231	24 6.6
	[MIDR06.20.45E3]					10.92- 10.96	111231	24 6.6
G 340Ti.40 9.8	(Maxter)[MIDR06.20.45E/41]	02.96- 06.97	112189	28 80 BO		02.96- 06.97	111231	24 6.6
						10.92- 10.96	111231	24 6.6
	[MIDR06.20.45E3]	02.96- 06.97	112189	28 80 BO		10.92- 10.96	111231	24 6.6
G 340Ti.40 9.8	(Maxter)[MIDR06.20.45E/41]					10.92- 06.97	111231	24 6.6
						10.92- 10.96	111231	24 6.6
	[MIDR06.20.45E3]	02.96- 06.97	112189	28 80 BO		10.92- 10.96	111231	24 6.6
Iliade 11.1	(Iliade)[MIDR 06.23.56...]					10.96- 09.01	111231	24 6.6
Iliade 9.9	(Iliade)[MIDR 06.20.45 M41]	10.96- 09.01	112189	28 80		10.96- 09.01	111231	24 6.6
		10.96- 09.01	112343	28 140				
	[MIDR 06.20.45 R41]	10.96- 09.01	112189	28 80		10.96- 09.01	111231	24 6.6
		10.96- 09.01	112343	28 140				
Line 9.9	(Agora)[MI7R 06.20.45 B41]	05.98-	112189	28 80		05.98-	111231	24 6.6
		05.98-	112343	28 140				
	[MI7R 06.20.45 C41]	05.98-	112189	28 80		05.98-	111231	24 6.6
		05.98-	112343	28 140				
M 140.11/T 5.5	(Midliner)[MIDS06.02.12C]	05.89- 03.93	110163	28 45		05.89- 03.93	113466	24 4.0
		05.89- 03.93	111331	28 60				
M 140.12 5.5	(Midliner)[MIDS06.02.12C]	05.89- 03.93	111331	28 60		05.89- 03.93	113466	24 4.0
		06.89- 12.90	110163	28 45				
M 140.13 5.5	(Midliner)[MIDS06.02.12C]	05.89- 03.93	111331	28 60		04.89- 03.93	113466	24 4.0
		06.89- 12.90	110163	28 45				
M 140.13/T 5.5	(Midliner)[MIDS06.02.12C]	04.89- 03.93	110163	28 45		04.89- 03.93	113466	24 4.0
		04.89- 03.93	111331	28 60				
M 150.09 6.2	(Midliner)[MIDR06.02.26U]					11.92- 10.96	113466	24 4.0
M 150.11 6.2	(Midliner)[MIDR06.02.26U]					11.92- 10.96	113466	24 4.0
M 150.12 6.2	(Midliner)[MIDR06.02.26U]					11.92- 10.96	113466	24 4.0
						11.92-	113466	24 4.0
M 150.13 6.2	(Midliner)[MIDR06.02.26U]					11.92- 10.96	113466	24 4.0
						05.96-	113466	24 4.0
	[MIDR06.02.26U/4]					11.92- 10.96	113466	24 4.0
M 150.14 6.2	(Midliner)[MIDR06.02.26U]					11.92- 10.96	113466	24 4.0
M 160.11/T 5.5	(Midliner)[MIDS06.02.12B]	05.89- 03.93	110163	28 45		05.89- 03.93	113466	24 4.0
		05.89- 03.93	111331	28 60				
M 160.12 5.5	(Midliner)[MIDS06.02.12B]	05.89- 03.93	111331	28 60		05.89-	113466	24 4.0
		06.89- 12.90	110163	28 45				
M 160.13 5.5	(Midliner)[MIDS06.02.12B]	05.89- 03.93	111331	28 60		05.89- 03.93	113466	24 4.0
		06.89- 12.90	110163	28 45				
M 160.13/T 5.5	(Midliner)[MIDS06.02.12B]	05.89- 03.93	110163	28 45		05.89- 03.93	113466	24 4.0
		05.89- 03.93	111331	28 60				
M 160.14 5.5	(Midliner)[MIDS06.02.12B]	06.89- 12.90	110163	28 45		05.89-	113466	24 4.0
M 160.15 5.5	(Midliner)[MIDS06.02.12B]	06.89- 12.90	110163	28 45		05.89- 03.93	113466	24 4.0
M 180.10 6.2	(Midliner)[MIDR06.02.26V]					11.92- 10.96	113466	24 4.0
M 180.11 6.2	(Midliner)[MIDR06.02.26V]					11.92- 10.96	113466	24 4.0
M 180.12 6.2	(Midliner)[MIDR06.02.26V]					11.92- 10.96	113466	24 4.0
						05.96- 01.00	113466	24 4.0
	[MIDR06.02.26V/41]					11.92- 10.96	113466	24 4.0
M 180.13 6.2	(Midliner)[MIDR06.02.26V]					11.92- 10.96	113466	24 4.0
						05.96- 01.00	113466	24 4.0
	[MIDR06.02.26V/41]					11.92- 10.96	113466	24 4.0
M 180.15 6.2	(Midliner)[MIDR06.02.26V]					11.92- 10.96	113466	24 4.0
						10.96- 01.00	113466	24 4.0
	[MIDR06.02.26V/41]					11.92- 10.96	113466	24 4.0
M 180.16 6.2	(Midliner)[MIDR06.02.26V]					11.92- 10.96	113466	24 4.0
						05.96- 01.00	113466	24 4.0
	[MIDR06.02.26V/41]							

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**RENAULT V.I. Continued**

M 200.10 6.2	(Midliner)[MIDR06.02.26H]	05.88- 03.93	111331	28 60	05.88- 03.93	113466	24	4.0	
		06.89- 03.93	110163	28 45					
M 200.12 6.2	(Midliner)[MIDR06.02.26H]	05.88- 03.93	111331	28 60	05.88- 03.93	113466	24	4.0	
		06.89- 03.93	110163	28 45					
M 200.13 6.2	(Midliner)[MIDR06.02.26H]	05.88- 03.93	111331	28 60	05.88- 03.93	113466	24	4.0	
		06.89- 03.93	110163	28 45					
M 200.14 6.2	(Midliner)[MIDR06.02.26H]	06.89- 03.93	110163	28 45	05.88- 03.93	113466	24	4.0	
		05.88- 03.93	111331	28 60					
M 200.15 6.2	(Midliner)[MIDR06.02.26H]	05.88- 03.93	111331	28 45	05.88- 03.93	113466	24	4.0	
		06.89- 03.93	110163	28 45					
M 200.15/T 6.2	(Midliner)[MIDR06.02.26H]	05.88- 03.93	110163	28 45	05.88- 03.93	113466	24	4.0	
		05.88- 03.93	111331	28 60					
M 200.16 6.2	(Midliner)[MIDR06.02.26H]	05.88- 03.93	110163	28 45	05.88- 03.93	113466	24	4.0	
		05.88- 03.93	111331	28 60					
M 210.12 6.2	(Midliner)[MIDR06.02.26W]	05.92- 01.93	110163	28 45	05.92- 01.00	113466	24	4.0	
		05.92- 01.00	111331	28 60					
		[MIDR06.02.26W/41]	05.92- 01.93	110163					28 45
M 210.13 6.2	(Midliner)[MIDR06.02.26W]	05.92- 01.93	110163	28 45	05.92- 01.00	113466	24	4.0	
		05.92- 01.00	111331	28 60					
		05.92-	112189	28 80					
		[MIDR06.02.26W/41]	05.92- 01.93	110163					28 45
		05.92- 01.00	111331	28 60					
M 210.14 6.2	(Midliner)[MIDR06.02.26W]	05.92- 01.93	110163	28 45	05.92- 10.96	113466	24	4.0	
		05.92- 01.00	112189	28 80					
		05.96- 01.00	112189	28 80					
		[MIDR06.02.26W/41]	05.92- 01.93	110163					28 45
		05.96- 01.00	113466	24					4.0
M 210.15 6.2	(Midliner)[MIDR06.02.26W]	05.92- 01.93	110163	28 45	05.92- 01.00	113466	24	4.0	
		05.92- 01.00	111331	28 60					
		05.92-	112189	28 80					
		[MIDR06.02.26W/41]	05.92- 01.00	111331					28 60
		05.92-	112189	28 80					
M 210.16 6.2	(Midliner)[MIDR06.02.26W]	05.92- 01.93	110163	28 45	05.92- 01.00	113466	24	4.0	
		05.92- 01.00	111331	28 60					
		[MIDR06.02.26W/41]	05.92- 01.93	110163					28 45
		05.92- 01.00	111331	28 60					
		05.96- 01.00	112189	28 80					
M 230.10 6.2	(Midliner)[MIDR06.02.26D]	05.89- 07.92	111331	28 60	05.89- 07.92	113466	24	4.0	
		06.89- 03.93	110163	28 45					
		[MIDR06.02.26S]	05.89- 07.92	111331					28 60
M 230.12 6.2	(Midliner)[MIDR06.02.26 X]	05.89- 07.92	111331	28 60	05.92- 10.96	113466	24	4.0	
		06.89- 03.93	110163	28 45					
		[MIDR06.02.26D]	05.89- 07.92	111331					28 60
		[MIDR06.02.26S]	05.89- 07.92	111331					28 60
		06.89- 03.93	110163	28 45					
M 230.13 6.2	(Midliner)[MIDR06.02.26 X]	05.89- 07.92	111331	28 60	05.89- 10.96	113466	24	4.0	
		06.89- 03.93	110163	28 45					
		[MIDR06.02.26D]	06.89- 03.93	110163					28 45
		[MIDR06.02.26S]	05.96- 01.00	112189					28 80
		[MIDR06.02.26Y/41]	05.96- 01.00	112189					28 80
M 230.15 6.2	(Midliner)[MIDR06.02.26 X]	05.89- 10.96	111331	28 60	05.89- 10.96	113466	24	4.0	
		[MIDR06.02.26D]	05.89- 03.93	110163					28 45
		[MIDR06.02.26D]	05.89- 10.96	111331					28 60
		[MIDR06.02.26S]	05.89- 10.96	111331					28 60
M 230.16 6.2	(Midliner)[MIDR06.02.12D]	05.89- 07.92	111331	28 60	05.89- 07.92	113466	24	4.0	
		05.89- 10.96	111331	28 60					
		[MIDR06.02.26 X]	05.89- 10.96	111331					28 60
		[MIDR06.02.26D]	05.89- 03.93	110163					28 45
		[MIDR06.02.26S]	05.89- 10.96	111331					28 60
M 250.13 6.2	(Midliner)[MIDR06.02.26Y/41]	05.96- 01.00	112189	28 80	05.96- 01.00	113466	24	4.0	
		06.89- 03.93	110163	28 45					
M 250.15 6.2	(Midliner)[MIDR06.02.26Y/41]	05.96- 01.00	112189	28 80	05.96- 01.00	113466	24	4.0	
		05.96- 01.00	112189	28 80					
M 250.16 6.2	(Midliner)[MIDR06.02.26Y/41]	05.96- 01.00	112189	28 80	05.96- 01.00	113466	24	4.0	
		05.89- 03.93	111331	28 60					
ME 160.13 5.5	(Midliner)[MIDS06.02.12B]	05.89- 03.93	111331	28 60	05.89-	113466	24	4.0	
		01.90- 01.93	110163	28 45					
ME 160.15 5.5	(Midliner)[MIDS06.02.12B]	05.89- 03.93	111331	28 60	05.89-	113466	24	4.0	
		01.90- 01.93	110163	28 45					
ME 180.15 5.5	(Midliner)[MIDR06.02.12D]	05.89- 03.93	111331	28 60	05.89- 03.93	113466	24	4.0	
		01.90- 01.93	110163	28 45					
		10.80- 03.89	110163	28 45					
R 310.16 12.0	[MIDR06.35.40C]	10.80- 03.89	110163	28 45					
		10.80- 03.89	111331	28 60					
		10.80- 03.89	110163	28 45					
R 310.17 12.0	[MIDR06.35.40C]	10.80- 03.89	110163	28 45					
		10.80- 03.89	111331	28 60					
		10.80- 03.89	110163	28 45					
R 310.19 12.0	[MIDR06.35.40C]	10.80- 03.89	110163	28 45					
R 310.22 12.0	[MIDR06.35.40C]	10.80- 03.89	110163	28 45					
R 330.17 9.8	[MIDR06.20.45E]	05.88- 05.91	111331	28 60	05.88- 05.91	111231	24	6.6	
R 330.19 9.8	[MIDR06.20.45E]				05.88- 05.91	111231	24	6.6	
R 330.24 9.8	[MIDR06.20.45E]	05.88- 05.91	111331	28 60	05.88- 05.91	111231	24	6.6	
R 332 9.8	[MIHR06.20.45A41]	07.96- 12.03	112343	28 140					
R 340.17 12.0	[MIDR06.35.40G]	03.86- 01.90	111331	28 60					
R 340.19 12.0	[MIDR06.35.40G]	03.86- 01.90	111331	28 60					
R 340.24 12.0	[MIDR06.35.40G]	03.86- 01.90	111331	28 60					
R 340TI.16 9.8	(Major)[MIDR06.20.45E3]	05.91- 10.96	111331	28 60	05.91- 10.96	111231	24	6.6	
		01.90- 12.92	111331	28 60					
R 340TI.17 11.1	[MIDR06.20.45E]	01.90- 12.92	111331	28 60	01.90- 12.92	111231	24	6.6	
R 340TI.17 9.8	(Major)[MIDR06.20.45E3]				05.91- 10.96	111231	24	6.6	



R 340TI.18 9.8	(Major)[MIDR06.20.45E3]	05.91- 10.96	111331	28 60	05.91- 10.96	111231	24 6.6
	[MIDR06.20.45E]	01.90- 12.92	111331	28 60	01.90- 12.92	111231	24 6.6
R 340TI.19 11.1	[MIDR06.20.45E]	01.90- 12.92	111331	28 60	01.90- 12.92	111231	24 6.6
R 340TI.19 9.8	(Major)[MIDR06.20.45E3]	05.91- 10.96	111331	28 60	05.91- 10.96	111231	24 6.6
	[MIDR06.20.45E]	01.90- 12.92	111331	28 60	01.90- 12.92	111231	24 6.6
R 340TI.24 9.8	(Major)[MIDR06.20.45E]	05.91- 10.96	111331	28 60	05.91- 10.96	111231	24 6.6
	[MIDR06.20.45E]	01.90- 12.92	111331	28 60	01.90- 12.92	111231	24 6.6
R 340TI.26 9.8	(Major)[MIDR06.20.45E3]	05.91- 10.96	111331	28 60	05.91- 10.96	111231	24 6.6
	[MIDR06.20.45E]	01.90- 12.92	111331	28 60	01.90- 12.92	111231	24 6.6
R 350.17 12.0	(Major)[MIDR06.35.40G]	05.91- 12.92	111331	28 60	05.91- 12.92	113262#	24 8.8
	[MIDR06.35.40G]	01.90- 09.90	111331	28 60	01.90- 09.90	113262#	24 8.8
R 350.18 12.0	(Major)[MIDR06.35.40G]	05.91- 12.92	111331	28 60	05.91- 12.92	113262#	24 8.8
	[MIDR06.35.40G]	01.90- 09.90	111331	28 60	01.90- 05.91	113262#	24 8.8
R 350.19 12.0	(Major)[MIDR06.35.40G]				05.91- 12.92	113262#	24 8.8
	[MIDR06.35.40G]	01.90- 09.90	111331	28 60	01.90- 05.91	113262#	24 8.8
R 350.24 12.0	[MIDR06.35.40G]	01.90- 09.90	111331	28 60	01.90- 10.92	113262#	24 8.8
	[MIDR06.35.40H]	05.91- 10.92	111331	28 60	05.91- 10.92	113262#	24 8.8
R 350.26 12.0	(Major)[MIDR06.35.40G]	05.91- 12.92	111331	28 60	05.91- 12.92	113262#	24 8.8
	[MIDR06.35.40G]	01.90- 09.90	111331	28 60	01.90- 05.91	113262#	24 8.8
R 360.19/T 14.9	[MIVS08.35.30]	01.90- 05.91	111331	28 60	01.90- 05.91	111231	24 6.6
R 360.26/T 14.9	[MIVS08.35.30]	01.90- 05.91	111331	28 60	01.90- 05.91	111231	24 6.6
R 365.17 12.0	[MIDR06.35.40H]	10.87- 05.90	111331	28 60			
R 365.24 12.0	[MIDR06.35.40H]	10.87- 05.90	111331	28 60			
R 370.16 14.9	[MIVS08.35.30F]	10.83- 07.85	111331	28 60	10.84- 12.85	111231	24 6.6
R 370.19/T 14.9	[MIVS08.35.30F]	10.83- 07.85	111331	28 60	10.83- 07.85	111231	24 6.6
R 370.22 14.9	[MIVS08.35.30F]	10.83- 07.85	111331	28 60	10.84- 12.85	111231	24 6.6
R 370.26/T 14.9	[MIVS08.35.30F]	10.83- 07.85	111331	28 60	10.83- 07.85	111231	24 6.6
R 380.17 12.0	(Major)[MIDR06.35.40L1]				05.91- 10.96	113262#	24 8.8
	[MIDR06.35.40H]	01.90- 09.90	111331	28 60	01.90- 05.91	113262#	24 8.8
R 380.18 12.0	(Major)[MIDR06.35.40L1]	05.91- 10.96	111331	28 60	05.91- 10.96	113262#	24 8.8
	[MIDR06.35.40H]	01.90- 09.90	111331	28 60	01.90- 05.91	113262#	24 8.8
R 380.19 12.0	(Major)[MIDR06.35.40L1]				05.91- 10.96	113262#	24 8.8
	[MIDR06.35.40H]	01.90- 09.90	111331	28 60	01.90- 05.91	113262#	24 8.8
R 380.22 12.0	(Major)[MIDR06.35.40H]				05.91- 12.92	113262#	24 8.8
	[MIDR06.35.40H]	01.90- 09.90	111331	28 60	01.90- 05.91	113262#	24 8.8
R 380.24 12.0	(Major)[MIDR06.35.40L1]	05.91- 10.96	111331	28 60	05.91- 10.96	113262#	24 8.8
	[MIDR06.35.40H]	01.90- 09.90	111331	28 60	01.90- 05.91	113262#	24 8.8
R 380.25 12.0	(Major)[MIDR06.35.40H]	05.91- 12.92	111331	28 60	05.91- 12.92	113262#	24 8.8
	[MIDR06.35.40L1]	05.91- 10.96	111331	28 60	05.91- 10.96	113262#	24 8.8
	[MIDR06.35.40H]	01.90- 09.90	111331	28 60	01.90- 05.91	113262#	24 8.8
R 380.26 12.0	(Major)[MIDR06.35.40L1]	05.91- 10.96	111331	28 60	05.91- 10.96	113262#	24 8.8
	[MIDR06.35.40H]	01.90- 09.90	111331	28 60	01.90- 05.91	113262#	24 8.8
R 385TI.17 12.0	(Major)[MIDR06.35.40N/3]				05.91- 10.96	113262#	24 8.8
R 385TI.18 12.0	(Major)[MIDR06.35.40N/3]	05.91- 10.96	111331	28 60	05.91- 10.96	113262#	24 8.8
R 385TI.24 12.0	(Major)[MIDR06.35.40N/3]	05.91- 10.96	111331	28 60	05.91- 10.96	113262#	24 8.8
R 385TI.25 12.0	(Major)[MIDR06.35.40N/3]	05.91- 10.96	111331	28 60	05.91- 10.96	113262#	24 8.8
R 385TI.26 12.0	(Major)[MIDR06.35.40N/3]	05.91- 10.96	111331	28 60	05.91- 10.96	113262#	24 8.8
R 390.16 14.9	[MIVR08.35.30C]	07.85- 03.89	111331	28 60	07.85- 03.89	111231	24 6.6
R 390.17 14.9	[MIVR08.35.30C]	07.85- 03.89	111331	28 60	07.85- 03.89	111231	24 6.6
R 390.19/T 14.9	[MIVR08.35.30C]	07.85- 03.89	111331	28 60	07.85- 03.89	111231	24 6.6
R 390.22 14.9	[MIVR08.35.30C]	07.85- 03.89	111331	28 60	07.85- 03.89	111231	24 6.6
R 390.24 14.9	[MIVR08.35.30C]	07.85- 03.89	111331	28 60	07.85- 03.89	111231	24 6.6
R 420.17 14.9	[MIVR08.35.30G]	10.88- 10.91	111331	28 60			
	[MIVR08.35.30H]	10.88- 10.91	111331	28 60			
R 420.24 14.9	[MIVR08.35.30G]	10.88- 10.91	111331	28 60			
	[MIVR08.35.30H]	10.88- 10.91	111331	28 60			
R 420.35 14.9	[MIVR08.35.30G]	10.88- 10.91	111331	28 60			
	[MIVR08.35.30H]	10.88- 10.91	111331	28 60			
R 420TI.18 12.0	(Major)[MIDR06.35.40J/3]				10.92- 10.96	113262#	24 8.8
R 420TI.19 12.0	(Major)[MIDR06.35.40J/3]				10.92- 10.96	113262#	24 8.8
R 420TI.22 12.0	(Major)[MIDR06.35.40J/3]				10.92- 10.96	113262#	24 8.8
R 420TI.24 12.0	(Major)[MIDR06.35.40J/3]				04.92- 10.96	113262#	24 8.8
R 420TI.26 12.0	(Major)[MIDR06.35.40J/3]				04.92- 10.96	113262#	24 8.8
R 420TI.35 12.0	(Major)[MIDR06.35.40J/3]				04.92- 10.96	113262#	24 8.8
S 110.06 5.5	(Midliner)[797-21]	06.85- 09.90	110043#	28 45	06.85- 09.90	113465	12 3.0
		06.85- 09.90	110163	28 45	06.85- 09.90	113466	24 4.0
S 110.07 5.5	(Midliner)[797-21]	06.85- 09.90	110043#	28 45	06.85- 09.90	113466	24 4.0
		06.85- 09.90	110163	28 45			
S 110.08 5.5	(Midliner)[797-21]	05.85- 09.90	111331	28 60	06.85- 09.90	113466	24 4.0
		06.85- 09.90	110043#	28 45			
		06.85- 09.90	110163	28 45			
S 120.06 3.9	(Midliner)[T4.40]	09.90- 11.92	110163	28 45			
S 120.06 4.0	(Midliner)[T4.40 A/3]	11.92- 10.94	110163	28 45			
	[T4.40 CC]	11.92- 10.94	110163	28 45			
S 120.07 3.9	(Midliner)[T4.40]	09.90- 11.92	110163	28 45			
S 120.07 4.0	(Midliner)[T4.40 A/3]	11.92- 10.94	110163	28 45			
	[T4.40 CC]	11.92- 10.94	110163	28 45			
S 120.08 3.9	(Midliner)[T4.40]	09.90- 11.92	110163	28 45			
S 120.08 4.0	(Midliner)[T4.40 A/3]	11.92- 10.94	110163	28 45			
	[T4.40 CC]	11.92- 10.94	110163	28 45			
S 120.09 3.9	(Midliner)[T4.40]	09.90- 11.92	110163	28 45			
S 120.09 4.0	(Midliner)[T4.40 A/3]	11.92- 10.94	110163	28 45			
	[T4.40 CC]	11.92- 10.94	110163	28 45			
S 130.06 5.5	(Midliner)[797]	05.83- 03.90	110043#	28 45	09.83- 01.90	113466	24 4.0
S 130.07 5.5	(Midliner)[797]	05.83- 03.90	110043#	28 45	09.83- 01.90	113466	24 4.0
					05.83- 03.90	113465	12 3.0
S 130.08 5.5	(Midliner)[797]	05.83- 03.90	110043#	28 45	09.83- 01.90	113466	24 4.0
S 130.08 5.5	(Midliner)[797]	05.83- 03.90	110043#	28 45	09.83- 01.90	113466	24 4.0
		09.83- 01.90	111331	28 60	05.83- 03.90	113465	12 3.0

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**RENAULT V.I. Continued**

S 130.09 5.5	(Midliner)[797]	05.83- 03.90	110043#	28 45	09.83- 01.90	113466	24 4.0
	[797.20]	05.83- 03.90	111331	28 60			
S 130.11 5.5	(Midliner)[797]	05.83- 03.90	110043#	28 45	09.83- 01.90	113466	24 4.0
	[797.20]	05.83- 03.90	110043#	28 45	09.83- 01.90	113466	24 4.0
S 130.13 5.5	(Midliner)[797]	05.83- 03.90	110043#	28 45	09.83- 01.90	113466	24 4.0
S 135.08 4.0	(Midliner)[T4.40 B/3]	02.94- 05.96	110163	28 45	02.94- 05.96	113466	24 4.0
S 135.08 4.1	(Midliner)[MIDR04.02.26A/41]				05.96-	113466	24 4.0
S 135.09 4.1	(Midliner)[MIDR04.02.26A/41]	05.96- 01.00	110163	28 45	05.96-	113466	24 4.0
S 140.07 5.5	(Midliner)[MIDS06.02.12C]	01.90- 09.93	111331	28 60	01.90- 09.93	113466	24 4.0
		02.90- 12.90	110163	28 45			
S 140.08 5.5	(Midliner)[MIDS06.02.12C]	01.90- 09.93	111331	28 60	01.90- 09.93	113466	24 4.0
		02.90- 12.90	110163	28 45			
S 140.09 5.5	(Midliner)[MIDS06.02.12C]	01.90- 09.93	111331	28 60	01.90- 09.93	113466	24 4.0
		02.90- 12.90	110163	28 45			
S 150.08 4.1	(Midliner)[MIDR04.02.26B/41]				05.96- 01.00	113466	24 4.0
S 150.08 5.5	(Midliner)[798-10]	05.83- 07.86	110043#	28 45	05.83- 07.86	113465	12 3.0
		05.83- 07.86	110163	28 45	05.83- 07.86	113466	24 4.0
		05.83- 07.86	111331	28 60			
	[MIDS06.02.12B]	05.86- 09.90	110043#	28 45	05.86- 09.90	113466	24 4.0
		05.86- 09.90	110163	28 45	05.86- 09.90	113465	12 3.0
		05.86- 09.90	111331	28 60			
	[MIDS06.02.12D/3]	01.94- 05.96	110163	28 45	01.94- 05.96	113466	24 4.0
S 150.08 6.2	(Midliner)[MIDR06.02.26U]				11.92- 01.94	113466	24 4.0
	[MIDR06.02.26U/4]				05.96- 01.00	113466	24 4.0
	[MIDS06.02.12B]	05.86- 09.90	110043#	28 45	05.86- 09.90	113465	12 3.0
		05.86- 09.90	110163	28 45	05.86- 09.90	113466	24 4.0
		05.86- 09.90	111331	28 60			
S 150.09 4.1	(Midliner)[MIDR04.02.26B/41]	05.96- 09.98	110163	28 45	05.96- 01.00	113466	24 4.0
S 150.09 5.5	(Midliner)[798-10]	05.83- 07.86	110043#	28 45	05.83- 07.86	113465	12 3.0
		05.83- 07.86	110163	28 45	05.83- 07.86	113466	24 4.0
		05.83- 07.86	111331	28 60			
	[MIDS06.02.12B]	05.86- 09.90	110043#	28 45	05.86- 09.90	113465	12 3.0
		05.86- 09.90	110163	28 45	05.86- 09.90	113466	24 4.0
		05.86- 09.90	111331	28 60			
	[MIDS06.02.12D/3]	01.94- 05.96	110163	28 45	01.94- 05.96	113466	24 4.0
S 150.09 6.2	(Midliner)[MIDR06.02.26U]				11.92- 01.94	113466	24 4.0
	[MIDR06.02.26U/4]				05.96- 01.00	113466	24 4.0
S 150.11 5.5	(Midliner)[MIDS06.02.12B]	05.86- 09.90	110043#	28 45	05.86- 09.90	113466	24 4.0
		05.86- 09.90	110163	28 45	05.86- 09.90	113465	12 3.0
		05.86- 09.90	111331	28 60			
S 150.13 5.5	(Midliner)[MIDS06.02.12B]	05.86- 09.90	110043#	28 45	04.86- 09.90	113465	12 3.0
		05.86- 09.90	110163	28 45	04.86- 09.90	113466	24 4.0
		05.86- 09.90	111331	28 60			
S 150.14 5.5	(Midliner)[MIDS06.02.12B]	05.86- 09.90	110043#	28 45	05.86- 09.90	113466	24 4.0
		05.86- 09.90	110163	28 45	05.86- 09.90	113465	12 3.0
S 160.08 5.5	(Midliner)[MIDS06.02.12B]	01.90- 09.93	111331	28 60	01.90- 09.93	113466	24 4.0
		02.90- 12.90	110163	28 45			
S 160.09 5.5	(Midliner)[MIDS06.02.12B]	01.90- 09.93	111331	28 60	01.90- 09.93	113466	24 4.0
		02.90- 12.90	110163	28 45			
S 170.11 5.5	(Midliner)[MIDR06.02.12D]	10.82- 03.93	110043#	28 45	10.87- 05.89	113466	24 4.0
		10.82- 03.93	110163	28 45	10.82- 03.93	113465	12 3.0
S 170.13 5.5	(Midliner)[MIDR06.02.12D]	10.82- 03.93	110043#	28 45	10.83- 03.93	113466	24 4.0
		10.82- 03.93	110163	28 45	10.82- 03.93	113465	12 3.0
S 170.14 5.5	(Midliner)[MIDR06.02.12D]	10.82- 03.93	110043#	28 45	10.82- 03.93	113465	12 3.0
		10.82- 03.93	110163	28 45	10.83- 05.89	113466	24 4.0
S 170.14/T 5.5	(Midliner)[MIDR06.02.12D]	10.82- 03.93	110043#	28 45	10.82- 03.93	113466	24 4.0
		10.82- 03.93	110163	28 45			
		10.82- 03.93	111331	28 60			
S 170.15 5.5	(Midliner)[MIDR06.02.12D]	10.82- 03.93	110043#	28 45	10.82- 09.93	113466	24 4.0
		10.82- 03.93	110163	28 45	10.82- 09.93	113465	12 3.0
S 180.08 6.2	(Midliner)[MIDR06.02.26V]				11.92- 10.96	113466	24 4.0
	[MIDR06.02.26V/41]				05.96- 01.00	113466	24 4.0
S 180.09 6.2	(Messenger)[MIDR06.02.26V]				11.92- 10.96	113466	24 4.0
	(Midliner)[MIDR06.02.26V]				11.92- 10.96	113466	24 4.0
	[MIDR06.02.26V/41]				05.96- 01.00	113466	24 4.0
S 210.08 6.2	(Midliner)[MIDR06.02.26W]				04.95- 01.00	113466	24 4.0
	[MIDR06.02.26W/41]				04.95- 01.00	113466	24 4.0
S 210.09 6.2	(Midliner)[MIDR06.02.26W]				04.95- 01.00	113466	24 4.0
	[MIDR06.02.26W/41]				04.95- 01.00	113466	24 4.0
S 220.11 6.2	(Midliner)[MIDR06.02.26]	09.87- 09.90	110163	28 45	09.87- 09.90	113466	24 4.0
		09.87- 09.90	111331	28 60			
	[MIDR06.02.26D]	09.87- 09.90	110163	28 45	09.87- 09.90	113466	24 4.0
		09.87- 09.90	111331	28 60			
S 220.13 6.2	(Midliner)[MIDR06.02.26]	09.87- 09.90	110163	28 45	09.87- 09.90	113466	24 4.0
		09.87- 09.90	111331	28 60			
	[MIDR06.02.26D]	09.87- 09.90	110163	28 45	09.87- 09.90	113466	24 4.0
		09.87- 09.90	111331	28 60			
S 220.14 6.2	(Midliner)[MIDR06.02.26]	09.87- 09.90	110163	28 45	09.87- 09.90	113466	24 4.0
		09.87- 09.90	111331	28 60			
	[MIDR06.02.26D]	09.87- 09.90	110163	28 45	09.87- 09.90	113466	24 4.0
		09.87- 09.90	111331	28 60			
S 90 3.6	(Midliner)[720]	05.84- 12.94	110163	28 45			
		05.84- 12.94	111331	28 60			
TB 191/T 8.8	[MID06.20.30]	06.80- 12.84	110163	28 45	06.80- 12.84	111231	24 6.6
TB 231/T 8.8	[MIDS06.20.30]	06.80- 12.84	110163	28 45	06.80- 12.84	111231	24 6.6
TR 350 14.9	[MIVS08.35.30]				08.77- 12.81	111231	24 6.6
TR 350/T 14.9	[MIVS08.35.30]				08.77- 12.81	111231	24 6.6
Tracer 9.8	(Tracer)[MIHR 06.20.45 A41]	07.96-	112343	28 140			



TRH 350 14.9	[MIVS08.35.30]					08.77- 06.80	111231	24 6.6
TRH 350/T 14.9	[MIVS08.35.30]					08.77- 06.80	111231	24 6.6
Various Models						05.87- 05.91	111231	24 6.6
<b>Rover</b>								
<b>PASSENGER CARS EU</b>								
25 1.1 16V	[11K4F]	Chas. -YD471564 05.05-	111756	14 65		05.05-	113346	12 0.8
		Chas. TD471565- ,YD524392 05.05-	112414	14 85				
25 1.4 16V	[14K4F]	10.99-	112414	14 85		10.99-	113346	12 0.8
		AC 10.99-	112414	14 85				
	[14K4M]	10.99-	112414	14 85		10.99-	113346	12 0.8
		AC 10.99-	112414	14 85				
25 1.6 16V	[16K4F]	10.99-	112414	14 85		10.99-	113346	12 0.8
		AC 10.99-	112414	14 85				
25 1.8 16V	[18K4F]	10.99-	112414	14 85		10.99-	113281	12 1.1
	[18K4K (VVC)]	02.00-	112414	14 85		02.00-	113281	12 1.1
25 2.0 iDT	[20T2N]	10.99- 05.05	114386	14 90		01.02- 06.04	113361	12 1.7
						10.99-	113928	12 1.7
45 1.4	[14K4F]	02.00-	112414	14 85		02.00- 05.05	113346	12 0.8
		AC 02.00-	112414	14 85				
45 1.6	[16K4F]	02.00-	112414	14 85		02.00-	113346	12 0.8
		AC 02.00-	112414	14 85				
45 1.8	[18K4F]	02.00-	112414	14 85		02.00-	113281	12 1.1
		AC 02.00-	112414	14 85				
45 2.0 iDT	[20T2N]	02.00- 05.05	114386	14 90		02.00-	113361	12 1.7
						02.00-	113928	12 1.7
75 2.0 CDT	[M47R]	02.99-	112462	14 120		02.99-	113965	12 2.0
		02.99-	112472	14 100				
75 2.0 CDTi	[204D2]	02.03-	112462	14 120		02.03-	113965	12 2.0
		02.03-	112472	14 100				
111 1.1 Metro	[11K2A]	03.90- 03.98	111086	14 65		03.90-	113346	12 0.8
			111364	14 55				
	[11K2D]	03.90- 03.98	111086	14 65		03.90-	113346	12 0.8
			111364	14 55				
114 1.4	[14K2D]	03.90-	111364	14 55		03.90-	113346	12 0.8
		03.90-	112238	14 65				
	[14K4F]					03.97- 10.98	113346	12 0.8
114 1.4 Metro	[14K2A]	03.90-	111364	14 55		03.90-	113346	12 0.8
		03.90-	112238	14 65				
		09.90- 03.98	111756	14 65				
	[14K2D]	09.90- 03.98	111756	14 65		04.94-	113346	12 0.8
114 1.4 16V Metro	[14K4C]	03.90-	111364	14 55		03.90-	113346	12 0.8
		03.90-	112238	14 65				
		02.96-	111756	14 65				
	[14K4D]	03.90-	111364	14 55		03.90-	113346	12 0.8
		03.90-	112238	14 65				
		02.96-	111756	14 65				
114 1.4 GSi	[14K4F]	10.94- 10.95	111364	14 55		10.94- 10.95	113346	12 0.8
		10.94- 10.95	112238	14 65				
114 1.4 GTi 16V	[14K4F]	08.91-	112238	14 65		08.91-	113346	12 0.8
114 1.4 GTi 16V Metro	[14K4C]	03.90- 08.91	112238	14 65		03.90- 08.91	113346	12 0.8
	[14K4D]	03.90- 08.91	112238	14 65		03.90- 08.91	113346	12 0.8
114 1.4	[TUD3]					AT 10.92- 12.94	113346	12 0.8
						10.92- 12.94	111029	12 1.4
115 1.5 Diesel Metro	[TUD5]	12.94- 12.98	112287	14 70		12.94- 12.98	111029	12 1.4
200 1.8	[18K4F]	08.99- 03.00	111756	14 65		08.99- 03.00	113281	12 1.1
200 2.0 Diesel SD	[20T2R]	Chas. -YD471564 11.95- 03.00	114386	14 90		11.95-	113361	12 1.7
211 1.1	[11K2D]	01.98-	111756	14 65		01.98-	113346	12 0.8
213 1.3	[EV2]	09.85- 09.89	110927	14 55		09.85- 09.89	110249	12 0.8
214 1.4	[14K2A]	09.93-	111362	14 55		09.93-	113346	12 0.8
	[14K2D]	09.93-	111362	14 55		09.93-	113346	12 0.8
	[14K4C]	10.89-	111364	14 55	▲	Chas. 605482- 10.89- 02.96	113346	12 0.8
		10.89- 09.93	112238	14 65				
		Chas. A679673- 10.92- 02.96	112238	14 65				
	[14K4D]	10.89-	111364	14 55	▲	10.89-	113346	12 0.8
		10.89- 09.93	112238	14 65				
	[14K4F]	12.92-	111364	14 55	▲	12.92-	113346	12 0.8
		12.92-	112238	14 65				
214 1.4 i	[14K2F]	11.95-	111756	14 65		11.95-	113346	12 0.8
	[14K4C]	01.92-	111362	14 55		01.92-	113346	12 0.8
	[14K4D]	01.92-	111362	14 55		01.92-	113346	12 0.8
	[14K4F]	01.93-	112238	14 65		01.93-	113346	12 0.8
214 1.4 Si	[14K4F]	02.96-	111756	14 65		11.95-	113346	12 0.8
216 1.6	[16H]	03.85- 09.89	111756	14 65				
216 1.6 Vitesse	[16H]	03.85- 09.89	111086	14 65				
216 1.6 GSi	[D16 Z2]	10.89- 02.96	111578	14 60		10.89-	110312	12 1.0
216 1.6 GTi	[D16 A8]	09.90-	111578	14 60		09.90-	110312	12 1.0
	[D16A9]	09.90- 10.95	111578	14 60				
216 1.6 i	[16K4F]	01.96- 03.00	111756	14 65		01.96- 03.00	113346	12 0.8
	[D16 A8]	01.92-	111578	14 60				
216 1.6 Si	[16K4F]	02.96-	111756	14 65		11.95-	113346	12 0.8
216 1.6 Turbo	[D16 A8]	10.92-	111578	14 60		10.92-	110312	12 1.0
218 1.8 i	[18K4K]	11.95- 03.00	111756	14 65		11.95-	113281	12 1.1
		11.95-	112202	14 85				
218 1.8 Diesel	[XUD7TE]	09.91-	112705#	14 70		09.91- 10.95	113928	12 1.7
220 2.0 GTi	[20M4F]	09.91- 10.95	110968	14 70				
		09.91-	111355	14 65				
		AC 09.91- 06.96	112324	14 85				
	[20T4H]	AC 01.93- 06.96	112324	14 85				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

**ROVER** Continued

220 2.0 Turbo	[20T4G]	10.92- 10.92- AC 10.92-	110968 111355 112324	14 70 14 65 ▲ 14 85			
220 2.0 SDi	[20T2N]	11.95- 03.00	114386	14 90	11.95-	113361	12 1.7
400 1.4	[14K2F]	03.96- 12.97	111756	14 65			
400 1.6	[D16B2]	05.95- 03.00 05.95- 03.00 05.95- 03.00	111756 111993# 112414	14 65 14 75 14 85	05.95- 03.00	111442	12 1.4
400 1.8 i	[18K4K]	06.96- 11.98	111756	14 65	06.96-	113281	12 1.1
414 1.4	[14K4C]				04.90-	113346	12 0.8
	[14K4D]	04.90- 02.96	111364	14 55 ▲	04.90-	113346	12 0.8
	[14K4F]	01.93-	112238	14 65	01.93-	113346	12 0.8
414 1.4 Si	[14K4F]	04.96-	111756	14 65	05.95-	113346	12 0.8
416 1.6	[D16 Z2]	04.90-	111578	14 60	04.90-	110312	12 1.0
416 1.6 16V	[16K4F]	03.96-	111756	14 65	03.96-	113346	12 0.8
416 1.6 GTi	[D16 A8]	04.90-	111578	14 60	04.90-	110312	12 1.0
416 1.6 Si	[16K4F]	04.96- 04.96-	111756 112202	14 65 14 85	AT, Chas. AD250029- 05.95- 03.00 05.95- 03.00	112217 113346	12 1.0 12 0.8
	[D16Y2]	04.96- 04.96-	111756 112202	14 65 14 85	05.95- 03.00 AT, Chas. AD250029- 05.95- 03.00	113346 112217	12 0.8 12 1.0
418 1.8 16V	[18 K4K (VVC)]	01.97- 12.98	111756	14 65			
418 1.8 Diesel	[XUD7TE]	09.91- 04.95	112705#	14 70			
420 2.0	[20M4F]	AC 02.92-	112324	14 85			
	[20T4H]	AC 01.93-	112324	14 85			
420 2.0 GSi	[20T4H]	AC 12.95-	112324	14 85			
420 2.0 Si	[20T4H]	AC 12.95-	112324	14 85			
420 2.0 Turbo	[20T4G]	AC 01.93-	112324	14 85			
420 2.0 Diesel	[20T2N]	05.95- 03.00	114386	14 90	05.95-	113361	12 1.7
	[20T2R]	11.95- 03.00	114386	14 90	11.95-	113361	12 1.7
420 2.0 Diesel Di	[20T2N]	05.95- 03.00	114386	14 90	05.95-	113361	12 1.7
618 1.9 i Si	[F18A3]				AT 03.96- 03.96-	111442 112214	12 1.4 12 1.6
620 2.0 i	[F20Z2]	05.95- 06.96	112209#	14 70	08.93- 06.96	112214	12 1.6
620 2.0 Si	[F20Z1]	05.95-	112209#	14 70	AT 08.93- 08.93-	111442 112214	12 1.4 12 1.6
620 2.0 Ti Vitesse	[20T4G]	AC 07.94- 02.99	112324	14 85			
620 2.0 SDi	[20T2N]	12.94- 12.98	114386	14 90	12.94-	113361	12 1.7
623 2.3 Si	[H23A3]	08.93-	112209#	14 70	08.93- AT 08.93-	112214 111442	12 1.6 12 1.4
820 2.0 16V Si	[20HD]	10.86- 10.88	110968	14 70			
820 2.0 i	[20HD]				10.88- 12.91	110443	12 2.1
	[20T4H]				01.92- 02.99	110443	12 2.1
820 2.0 i 16V	[20HD]	10.86- 10.88 10.86- 10.88 10.88- 01.91	110968 111738 111355	14 70 14 65 14 65			
820 2.0 Si	[20HD]				10.88- 12.91	110443	12 2.1
	[20HDM16]	10.88- 12.91 10.88- 12.91	110968 111355	14 70 14 65	10.88- 12.91	111131	12 0.8
825 2.5 Si	[25K4F]	04.96- 02.99	112209#	14 70			
	[C25A1]				10.86- 12.91	111546#	12 1.6
	[C25A2]				10.86- 12.91	111546#	12 1.6
825 2.5 Si Sterling	[C25A2]				01.87- 12.91	111546#	12 1.6
825 2.5 Diesel	[425SL1RR]				01.92-	112454	12 2.2
	[4924SHIRG]				01.92-	112454	12 2.2
825 2.5 TD	[425SL1RR]				09.93-	112454	12 2.2
	[4924SHIRG]				09.93-	112454	12 2.2
825 2.7 SLi Vitesse	[C27A2]	10.88- 12.91	110968	14 70	10.88- 12.91	111546#	12 1.6
		10.88- 12.91	111355	14 65			
827 2.7	[C27A1]	10.88- 12.91	110968	14 70	10.88- 12.91	111546#	12 1.6
		10.88- 12.91	111355	14 65			
827 2.7 24V	[C27A1]	08.92- 02.99	110968	14 70	08.92-	111546#	12 1.6
		08.92-	111355	14 65			
827 2.7 Si	[C27A1]	01.92- 02.99	110968	14 70	01.92-	111546#	12 1.6
		01.92-	111355	14 65			
	[C27A2]	02.88- 12.91	110968	14 70	02.88- 12.91	111546#	12 1.6
		02.88- 12.91	111355	14 65			
827 2.7 Si Sterling	[C27A1]	02.88- 02.99	110968	14 70	02.88-	111546#	12 1.6
		02.88-	111355	14 65			
	[C27A2]	02.88- 12.91	110968	14 70	02.88- 12.91	111546#	12 1.6
1300 1.3	[12A2A]	06.91- 02.94	112203	14 65			
	[12A2L]	04.92- 05.01	112203	14 65			
2200 2.2		09.63- 05.76	111185	14 43 A47			
3500 3.5	[38A]	06.76- 01.77	113474	14 65			
		04.68- 05.76	111184	14 43			
820 E 2.0	[20HS]	10.86- 10.91 10.86- 10.88 10.88- 10.91	110968 111738 111355	14 70 14 65 14 65			
Maestro 1.3	[12HE]	09.90- 01.95	110770	14 55			
Maestro 1.6		09.90- 01.95	111086	14 65			
Maestro 2.0 Diesel	[Prima 65]	09.90- 10.92	110770	14 55			
Maestro 2.0 TD	[BB]	09.90- 01.95	110770	14 55			
Mini 1.3	[12 A2B]	10.92- 07.96	111289	14 70			
	[12A2E]	09.94- 07.96	111289	14 70			
		01.96- 09.00	112203	14 65			
Montego 1.3	[12HL]	10.84- 10.88	111362	14 55			
Montego 1.6	[16HL]	01.84- 01.91 10.90- 09.92	111086 111176	14 65 14 75 A47			



	[20H]	01.84- 01.92	112238	14	65				
		10.88- 10.91	110968	14	70				
		10.88- 10.91	111362	14	55				
		AC 10.88- 10.91	111355	14	65				
Montego 2.0 TD	[BB]	10.88- 10.95	110770	14	55				
Streetwise 1.4	[14K4F]					08.03-	113346	12	0.8
Streetwise 2.0 TD	[20T2N]	08.03- 05.05	114386	14	90	08.03-	113361	12	1.7
<b>Ruggerini</b>									
<b>MARINE</b>									
Various Models						02.95-	115423	12	3.0
							112497	12	1.4
						05.82-	112034	12	1.7
<b>MOTORS</b>									
Ni Vozil							113480	12	1.2
RF80						09.81-	112034	12	1.7
RF81						09.81-	112034	12	1.7
RF96						03.88-	112034	12	1.7
RF99						06.86-	112034	12	1.7
Various Models 0.7	[MD15.]					06.87-	112497	12	1.4
	[MM150]					07.91-	112497	12	1.4
	[MW15.]					02.89-	112497	12	1.4
Various Models 0.9	[MD19.]					03.89-	112497	12	1.4
	[MM19.]					03.89-	112497	12	1.4
	[MW19.]					06.89-	112497	12	1.4
Various Models						09.81-	115423	12	3.0
						09.81-	112034	12	1.7
<b>Sabb</b>									
<b>MARINE</b>									
9 1.6	[2G]					01.59- 06.83	111284	12	2.5
						01.59- 06.83	111304	12	1.9
16 1.9	[2J]					01.72-	111284	12	2.5
						01.72-	111304	12	1.9
<b>Sabre</b>									
<b>MARINE</b>									
Various Models		01.86-	113342#	28	95				
			113714	28	55				
			112110#	28	45				
			112112	14	70				
<b>Same</b>									
<b>AGRICULTURE</b>									
Buffalo 120 6.2	[DA1056]					01.78- 10.80	110530	12	3.0
						07.74- 12.77	110551	12	3.0
						10.80- 10.81	111001	12	3.0
Centauro 70 Diesel		12.81- 10.87	111180	14	33	12.81- 10.87	110530	12	3.0
		06.85-	110890	14	55				
		12.81- 10.87	110882	14	45				
Centurion 75 Diesel		11.78- 05.88	110882	14	45	11.78- 05.88	110530	12	3.0
		01.81-	110890	14	55				
		11.78- 05.88	111180	14	33				
Drago 5.4						11.71- 12.77	110551	12	3.0
						01.78- 05.86	110530	12	3.0
						10.80- 10.83	111001	12	3.0
Explorer 60 3.0 Diesel	[100.3A]	06.86-	110882	14	45				
Explorer 70 4.0 Diesel		07.86-	110882	14	45	07.86-	111001	12	3.0
Explorer 80 4.0 Diesel						07.86-	111001	12	3.0
Explorer 90 4.0 Diesel		06.86-	110882	14	45	06.86-	111001	12	3.0
Frutteto 75 3.0 Diesel						05.91-	111001	12	3.0
						05.91-	110530	12	3.0
Galaxy 170 6.2 Diesel						06.83-	110530	12	3.0
Laser 100 5.2 Diesel		03.84- 05.85	110882	14	45	03.84-	110530	12	3.0
Laser 110 5.7 Diesel						03.83- 12.87	110530	12	3.0
Laser 130 6.2 Diesel						04.83- 12.87	110530	12	3.0
Laser 150 6.2 Diesel		03.83-	110882	14	45	03.83- 12.87	110530	12	3.0
Panter 4.5	[DA985]					07.74- 12.77	110551	12	3.0
Ranger 45 2.7 Diesel		09.85- 04.88	110882	14	45	02.82-	110530	12	3.0
		02.82- 08.85	111180	14	33				
Solar 50 2.7 Diesel		06.86-	110882	14	45				
Solar 55 2.8 Diesel		06.87-	110882	14	45				
Solar 60 3.1 Diesel						06.86-	110530	12	3.0
Titan 160 6.0 Diesel		05.91-	112556	14	95	05.91-	110530	12	3.0
Titan 190 6.0 Diesel		01.92-	112556	14	95	01.92-	110530	12	3.0
Transporter						01.91-	110530	12	3.0
Various Models		01.70- 01.97	111649	14	33	05.60-	110530	12	3.0
						01.80-	111645	12	0.4
							111001	12	3.0
						11.71- 12.77	110551	12	3.0
<b>Sampo-Rosenlew</b>									
<b>AGRICULTURE</b>									
Various Models						01.69-	110545	12	3.0
						01.70- 01.90	111737	12	2.8
							114254	12	2.7 GR
<b>Saturn</b>									
<b>PASSENGER CARS US</b>									
L Series 2.2						01.01- 12.01	112899	12	1.4
SC Series 1.9		01.98- 01.02	112861#	14	90				
SL Series 1.9		01.98- 01.02	112861#	14	90				
SW Series 1.9		01.98- 01.01	112861#	14	90				
VUE 2.2						01.02- 01.03	112899	12	1.4

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

Scania TRUCKS EU									
230 11.7	(P/G/R/T Series)[DC12.13]	09.05-	114028	28 80	09.05-	115509	24	5.5	A49
		09.05-	115493	28 80 A49					
		09.05-	115498	28 100 A49					
230 8.9	(P/G/R/T Series)[DC9.13]	09.04-	114028	28 80	09.04-	113891	24	5.5	A49
		09.04- 09.06	115493	28 80 A49					
		09.04- 09.06	115498	28 100 A49					
	[DC9.16]	09.04-	114028	28 80	09.04-	113891	24	5.5	A49
		09.04-	115493	28 80 A49					
		09.04-	115498	28 100 A49					
	[DC9.18]	09.04-	114028	28 80	09.04-	115509	24	5.5	A49
		09.04-	115493	28 80 A49					
		09.04-	115498	28 100 A49					
230 9.3	(P/G/R/T Series)[DC9.30]	09.07-	114028	28 80	09.07-	115509	24	5.5	A49
		09.07-	115493	28 80 A49					
		09.07-	115498	28 100 A49					
	[DC9.35]	09.07-	114028	28 80	09.07-	115509	24	5.5	A49
		09.07-	115493	28 80 A49					
		09.07-	115498	28 100 A49					
	[DC9.39]	09.07-	114028	28 80	09.07-	115509	24	5.5	A49
		09.07-	115493	28 80 A49					
		09.07-	115498	28 100 A49					
270 11.7	(P/G/R/T Series)[DC12.17]	09.05-	114028	28 80	09.05-	115509	24	5.5	A49
		09.05-	115493	28 80 A49					
		09.05-	115498	28 100 A49					
270 8.9	(P/G/R/T Series)[DC9.12]	09.04-	114028	28 80	09.04-	115509	24	5.5	A49
		09.04-	115493	28 80 A49					
		09.04-	115498	28 100 A49					
	[DC9.17]	09.04-	114028	28 80	09.04-	115509	24	5.5	A49
09.04-	115493	28 80 A49							
09.04-	115498	28 100 A49							
270 9.0	(P/G/R/T Series)[DC9.12]	09.04-	114028	28 80	09.04-	113891	24	5.5	A49
		09.04- 09.06	115493	28 80 A49					
		09.04- 09.06	115498	28 100 A49					
280 9.3	(P/G/R/T Series)[DC9.29]	09.07-	114028	28 80	09.07-	115509	24	5.5	A49
		09.07-	115493	28 80 A49					
		09.07-	115498	28 100 A49					
310 8.9	(P/G/R/T Series)[DC9.11]	09.04-	114028	28 80	09.04-	113891	24	5.5	A49
		09.04- 09.06	115493	28 80 A49					
		09.04- 09.06	115498	28 100 A49					
	[DC9.17]	09.05-	114028	28 80	09.05-	115509	24	5.5	A49
		09.05-	115493	28 80 A49					
		09.05-	115498	28 100 A49					
	[DC9.18]	09.04-	114028	28 80	09.04-	113891	24	5.5	A49
		09.04-	115493	28 80 A49					
		09.04-	115498	28 100 A49					
340 10.6	(P/G/R/T Series)[DC11.08]	03.04-	114028	28 80	03.04-	113891	24	5.5	A49
		03.04- 09.06	115493	28 80 A49					
		03.04- 09.06	115498	28 100 A49					
340 11.7	(P/G/R/T Series)[DC12.10]	08.04-	114028	28 80	08.04-	115509	24	5.5	A49
		08.04-	115493	28 80 A49					
		08.04-	115498	28 100 A49					
	[DC12.13]	09.05-	114028	28 80	09.05-	113891	24	5.5	A49
		09.05-	115493	28 80 A49					
		09.05-	115498	28 100 A49					
	[DC12.17]	09.05-	114028	28 80	09.05-	113891	24	5.5	A49
		09.05-	115493	28 80 A49					
		09.05-	115498	28 100 A49					
360 12.7	(P/G/R/T Series)[DC13.06]	04.10-	114028	28 80	04.10-	113891	24	5.5	A49
		04.10-	115493	28 80 A49					
		04.10-	115498	28 100 A49					
380 10.6	(P/G/R/T Series)[DC11.09]	03.04-	114028	28 80	03.04-	113891	24	5.5	A49
		03.04- 09.06	115493	28 80 A49					
		03.04- 09.06	115498	28 100 A49					
380 11.7	(P/G/R/T Series)[DC12.13]	08.04-	114028	28 80	09.05-	113891	24	5.5	A49
		08.04-	115493	28 80 A49					
		08.04-	115498	28 100 A49					
	[DC12.17]	09.05-	114028	28 80	09.05-	113891	24	5.5	A49
		09.05-	115493	28 80 A49					
		09.05-	115498	28 100 A49					
	[DC12.18]	09.04-	114028	28 80	09.04-	115509	24	5.5	A49
		09.04-	115493	28 80 A49					
		09.04-	115498	28 100 A49					
400 12.7	(P/G/R/T Series)[DC13.05]	03.08-	114028	28 80	03.08-	113891	24	5.5	A49
		03.08-	115493	28 80 A49					
		03.08-	115498	28 100 A49					
420 11.7	(P/G/R/T Series)[DC12.06]	04.04-	114028	28 80	09.05-	113891	24	5.5	A49
		04.04-	115493	28 80 A49					
		04.04-	115498	28 100 A49					
	[DC12.14]	03.04-	114028	28 80	03.04-	113891	24	5.5	A49
		03.04- 09.06	115493	28 80 A49					
		03.04- 09.06	115498	28 100 A49					
	[DC12.15]	02.04-	114028	28 80	09.04-	113891	24	5.5	A49
		02.04- 09.06	115493	28 80 A49					
		02.04- 09.06	115498	28 100 A49					
[DT12.11]	03.04-	114028	28 80	03.04-	113891	24	5.5	A49	
	03.04-	115493	28 80 A49						
	03.04-	115498	28 100 A49						



	[DT12.12]	03.04- 03.04- 09.04-	115493 115498 114028	28 80 A49 28 100 A49 28 80		03.04- 09.04-	115509 113891	24 5.5 A49 24 5.5						
440 12.7	(P/G/R/T Series)[DC13.10]	03.08- 03.08- 03.08-	114028 115493 115498	28 80 28 80 A49 28 100 A49		04.10- 03.08-	113891 115509	24 5.5 24 5.5 A49						
470 11.7	(P/G/R/T Series)[DT12.03]	03.04- 03.04-	114028 115493	28 80 28 80 A49		03.04- 03.04-	113891 115509	24 5.5 24 5.5 A49						
		03.04- 03.04-	115498 114028	28 100 A49 28 80		03.04- 03.04-	115509 113891	24 5.5 A49 24 5.5						
	[DT12.06]	03.04- 10.05 03.04- 10.05 04.04- 10.05	115493 115498 114028	28 80 A49 28 100 A49 28 80		03.04- 10.05 09.04- 10.05	115509 113891	24 5.5 A49 24 5.5						
	[DT12.17]	09.04- 09.04- 09.04-	114028 115493 115498	28 80 28 80 A49 28 100 A49		09.04-	115509	24 5.5 A49						
480 11.7	(P/G/R/T Series)[DT12.03]	04.04- 04.04- 04.04-	114028 115493 115498	28 80 28 80 A49 28 100 A49		04.04-	115509	24 5.5 A49						
		[DT12.17]	09.04- 09.04- 09.04-	114028 115493 115498	28 80 28 80 A49 28 100 A49		09.04-	115509	24 5.5 A49					
		(P/G/R/T Series)[DC13.07]		114028 115493 115498	28 80 28 80 A49 28 100 A49		04.10- 03.08-	113891 115509	24 5.5 24 5.5 A49					
500 15.6	(P/G/R/T Series)[DC16.04]	03.04- 03.04- 09.06 03.04- 09.06	114028 115493 115498	28 80 28 80 A49 28 100 A49		03.04- 03.04-	113859 115439*	24 6.0 BO 24 7.0 MI						
		[DC16.06]	03.04- 09.06 03.04- 09.06 04.04-	115493 115498 114028	28 80 A49 28 100 A49 28 80		04.04- 04.04-	113859 115439*	24 6.0 BO 24 7.0 MI					
		[DC16.09]	04.04- 04.04- 04.04-	114028 115493 115498	28 80 28 80 A49 28 100 A49		04.04- 04.04-	113859 115439*	24 6.0 BO 24 7.0 MI					
	[DC16.19]	04.04- 04.04-	115493 115498	28 80 A49 28 100 A49										
	(P/G/R/T Series)[DC16.04]					09.04- 10.05	113859	24 6.0						
	[DC16.09]					05.06-	113859	24 6.0						
	560 15.6	(P/G/R/T Series)[DC16.05]	04.04- 04.04- 04.04-	114028 115493 115498	28 80 28 80 A49 28 100 A49		04.04- 04.04-	113859 115439*	24 6.0 BO 24 7.0 MI					
[DC16.18]			04.04- 04.04- 03.08-	115493 115498 114028	28 80 A49 28 100 A49 28 80		03.08- 03.08-	113859 115439*	24 6.0 BO 24 7.0 MI					
(P/G/R/T Series)[DC16.03]		03.04- 03.04- 09.06 03.04- 09.06	114028 115493 115498	28 80 28 80 A49 28 100 A49		03.04- 03.04-	113859 115439*	24 6.0 BO 24 7.0 MI						
		(P/G/R/T Series)[DC16.03]					09.04- 10.05	113859	24 6.0					
620 15.6	(P/G/R/T Series)[DC16.08]	09.04- 09.04- 09.04-	114028 115493 115498	28 80 28 80 A49 28 100 A49		09.04- 09.04-	113859 115439*	24 6.0 BO 24 7.0 MI						
		[DC16.17]	09.04- 09.04- 03.08-	115493 115498 114028	28 80 A49 28 100 A49 28 80		03.08- 03.08-	113859 115439*	24 6.0 BO 24 7.0 MI					
		[DT16.08]	02.06- 02.06- 02.06-	114028 115493 115498	28 80 28 80 A49 28 100 A49		02.06- 02.06-	113859 115439*	24 6.0 BO 24 7.0 MI					
	112 H/280 11.0	[DS11.14]	01.81- 08.89 01.81- 08.89 01.81- 08.89 01.81- 12.86 08.89- 08.89- 08.89-	110043# 110076# 111834 112182 111527# 112757 112758#	28 45 BO 28 55 PR 28 55 BO 28 80 28 55 PR 28 55 BO 28 75		01.84- 01.81- 12.83	112119 110214	24 6.6 24 6.6					
			112 H/305 11.0	[DS11.15]	01.81- 08.89 01.81- 08.89 01.81- 08.89 01.81- 12.86 08.89- 08.89- 08.89-	110043# 110076# 111834 112182 111527# 112757 112758#	28 45 BO 28 55 PR 28 55 BO 28 80 28 55 PR 28 55 BO 28 75		01.84- 01.81- 12.93	112119 110214	24 6.6 24 6.6			
112 M/305 11.0					[DS11.15]	01.81- 08.89 01.81- 08.89 01.81- 08.89 01.81- 12.86 08.89- 08.89- 08.89-	110043# 110076# 111834 112182 111527# 112757 112758#	28 45 BO 28 55 PR 28 55 BO 28 80 28 55 PR 28 55 BO 28 75		01.84- 01.81- 12.83	112119 110214	24 6.6 24 6.6		
						113 E/320 11.0	[DSC11.16]	11.91- 12.96 11.91- 11.91- 11.91- 11.91- 01.94-	110043# 111527# 112076 112757 112758# 111886	28 45 28 55 PR 28 80 28 55 BO 28 75 28 65		11.91-	112119	24 6.6
								[DSC11.17]	11.91- 12.96 11.91- 11.91- 11.91- 11.91-	110043# 111527# 112076 112757 112758#	28 45 28 55 PR 28 80 28 55 BO 28 75		11.91-	112119



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Application list

	[DSC11.21]	11.91- 12.96	110043# 28 45 111527# 28 55 PR 112076 28 80 112757 28 55 BO 112758# 28 75	11.91-	112119	24	6.6
113 E/360 11.0	[DSC11.13]	01.90- 12.96 01.90- 12.96	110043# 28 45 110076# 28 55 111527# 28 55 PR 112076 28 80 112757 28 55 BO 112758# 28 75 01.94- 111886 28 65	01.90-	112119	24	6.6
	[DSC11.18]	01.90- 12.96 01.90- 12.96	110043# 28 45 110076# 28 55 111527# 28 55 PR 112076 28 80 112757 28 55 BO 112758# 28 75	01.90-	112119	24	6.6
	[DSC11.23]	01.90- 12.96 01.90- 12.96	110043# 28 45 110076# 28 55 111527# 28 55 PR 112076 28 80 112757 28 55 BO 112758# 28 75	01.90-	112119	24	6.6
	[DSC11.30]	01.90- 12.96 01.90- 12.96	110043# 28 45 110076# 28 55 111527# 28 55 PR 112076 28 80 112757 28 55 BO 112758# 28 75 01.94- 111886 28 65	01.90-	112119	24	6.6
113 E/380 11.0	[DSC11.22]	01.91- 12.96 01.91- 12.96	110043# 28 45 110076# 28 55 111527# 28 55 PR 112757 28 55 BO	01.91-	112119	24	6.6
	[DSC11.70]	01.91- 12.96 01.91- 12.96	110043# 28 45 110076# 28 55 111527# 28 55 PR 112757 28 55 BO	01.91-	112119	24	6.6
113 H/310 11.0	[DS11.34]	05.88- 12.91 05.88- 12.91	110043# 28 45 110076# 28 55 PR 111527# 28 55 PR 111834 28 55 BO 112076 28 80 112182 28 80 112757 28 55 BO 112758# 28 75	05.88-	112119	24	6.6
	[DS11.73]	05.88- 12.91 05.88- 12.91	110043# 28 45 110076# 28 55 PR 111527# 28 55 PR 111834 28 55 BO 112076 28 80 112182 28 80 112757 28 55 BO 112758# 28 75	05.88-	112119	24	6.6
	[DS11.75]	01.90- 12.91 01.90- 12.91	110043# 28 45 110076# 28 55 111527# 28 55 PR 112076 28 80 112757 28 55 BO 112758# 28 75	01.90-	112119	24	6.6
	[DSC11.08]	01.90- 12.91 01.90- 12.91	110043# 28 45 110076# 28 55 111527# 28 55 PR 112076 28 80 112757 28 55 BO 112758# 28 75	01.90-	112119	24	6.6
113 H/320 11.0	[DSC11.16]	05.88- 12.96 05.88- 12.96	110043# 28 45 110076# 28 55 PR 111527# 28 55 PR 111834 28 55 BO 112076 28 80 112182 28 80 112757 28 55 BO 112758# 28 75 01.94- 111886 28 65	05.88-	112119	24	6.6
	[DSC11.17]	01.90- 12.96 01.90- 12.96	110043# 28 45 110076# 28 55 111527# 28 55 PR 112076 28 80 112757 28 55 BO 112758# 28 75	01.90-	112119	24	6.6
	[DSC11.21]	01.90- 12.96 01.90- 12.96	110043# 28 45 110076# 28 55 111527# 28 55 PR 112076 28 80 112757 28 55 BO 112758# 28 75	01.90-	112119	24	6.6



113 H/360 11.0	[DSC11.13]	05.88- 12.96	110043#	28	45	05.88-	112119	24	6.6	
		05.88- 12.96	110076#	28	55					PR
		05.88-	111527#	28	55					PR
		05.88- 08.89	111834	28	55					BO
		05.88-	112076	28	80					
		05.88- 12.89	112182	28	80					
		05.88-	112757	28	55					BO
	05.88-	112758#	28	75						
	01.94-	111886	28	65						
	[DSC11.18]	01.90- 12.96	110043#	28	45	01.90-	112119	24	6.6	
		01.90- 12.96	110076#	28	55					
		01.90-	111527#	28	55					PR
		01.90-	112076	28	80					
		01.90-	112757	28	55					BO
01.90-	112758#	28	75							
[DSC11.23]	01.90- 12.96	110043#	28	45	01.90-	112119	24	6.6		
	01.90- 12.96	110076#	28	55						
	01.90-	111527#	28	55					PR	
	01.90-	112076	28	80						
	01.90-	112757	28	55					BO	
01.90-	112758#	28	75							
[DSC11.30]	01.90- 12.96	110043#	28	45	01.90-	112119	24	6.6		
	01.90- 12.96	110076#	28	55						
	01.90-	111527#	28	55					PR	
	01.90-	112076	28	80						
	01.90-	112757	28	55					BO	
01.90-	112758#	28	75							
113 H/380 11.0	[DSC11.22]	01.91- 12.96	110043#	28	45	01.91-	112119	24	6.6	
		01.91- 12.96	110076#	28	55					
		01.91-	111527#	28	55					PR
		01.91-	112757	28	55					BO
[DSC11.70]	01.91- 12.96	110043#	28	45	01.91-	112119	24	6.6		
	01.91- 12.96	110076#	28	55						
	01.91-	111527#	28	55					PR	
	01.91-	112757	28	55					BO	
113 M/320 11.0	[DSC11.16]	05.88- 12.96	110043#	28	45	05.88-	112119	24	6.6	
		05.88- 12.96	110076#	28	55					PR
		05.88- 08.89	111834	28	55					BO
		05.88- 12.89	112182	28	80					
		08.89-	111527#	28	55					PR
		08.89-	112076	28	80					
		08.89-	112757	28	55					BO
	08.89-	112758#	28	75						
	01.94-	111886	28	65						
	[DSC11.17]	01.90- 12.96	110043#	28	45	01.90-	112119	24	6.6	
		01.90- 12.96	110076#	28	55					
		01.90-	111527#	28	55					PR
		01.90-	112076	28	80					
		01.90-	112757	28	55					BO
01.90-	112758#	28	75							
[DSC11.21]	01.90- 12.96	110043#	28	45	01.90-	112119	24	6.6		
	01.90- 12.96	110076#	28	55						
	01.90-	111527#	28	55					PR	
	01.90-	112076	28	80						
	01.90-	112757	28	55					BO	
01.90-	112758#	28	75							
113 M/360 11.0	[DSC11.13]	05.88- 12.96	110043#	28	45	05.88-	112119	24	6.6	
		05.88- 12.96	110076#	28	55					PR
		05.88- 08.89	111834	28	55					BO
		05.88- 12.89	112182	28	80					
		08.89-	111527#	28	55					PR
		08.89-	112076	28	80					
		08.89-	112757	28	55					BO
	08.89-	112758#	28	75						
	01.94-	111886	28	65						
	[DSC11.18]	01.90- 12.96	110043#	28	45	01.90-	112119	24	6.6	
		01.90- 12.96	110076#	28	55					
		01.90-	111527#	28	55					PR
		01.90-	112076	28	80					
		01.90-	112757	28	55					BO
01.90-	112758#	28	75							
[DSC11.23]	01.90- 12.96	110043#	28	45	01.90-	112119	24	6.6		
	01.90- 12.96	110076#	28	55						
	01.90-	111527#	28	55					PR	
	01.90-	112076	28	80						
	01.90-	112757	28	55					BO	
01.90-	112758#	28	75							
[DSC11.30]	01.90- 12.96	110043#	28	45	01.90-	112119	24	6.6		
	01.90- 12.96	110076#	28	55						
	01.90-	111527#	28	55					PR	
	01.90-	112076	28	80						
	01.90-	112757	28	55					BO	
01.90-	112758#	28	75							
113 M/380 11.0	[DSC11.22]	01.91- 12.96	110043#	28	45	01.91-	112119	24	6.6	
		01.91- 12.96	110076#	28	55					
		01.91-	111527#	28	55					PR
		01.91-	112757	28	55					BO

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



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	[DSC11.70]	01.91- 12.96	110043#	28 45	01.91-	112119	24 6.6
		01.91- 12.96	110076#	28 55			
		01.91-	111527#	28 55 PR			
		01.91-	112757	28 55 BO			
113 M/400 11.0	[DTC11.01]	01.92- 12.96	110043#	28 45	01.92-	110212	24 6.6
		01.92- 12.96	110076#	28 55			
		01.92-	111527#	28 55 PR			
		01.92-	112757	28 55 BO			
	[DTC11.02]	01.92- 12.96	110076#	28 55	01.94-	110212	24 6.6
		01.94- 12.96	110043#	28 45			
		01.94-	111527#	28 55 PR			
		01.94-	112757	28 55 BO			
114 C/340 10.6	[DC11.01]		111886	28 65			
	[DC11.03]		111886	28 65		110527	24 4.0
114 C/340 11.0	[DC11.01]	03.96-	111886	28 65	03.96-	112437#	24 6.7
		05.96-	111720	28 90			
	[DC11.03]	02.96-	111886	28 65	02.96-	112437#	24 6.7
		05.96-	111720	28 90			
	[DSC11.79]	05.96- 05.99	111886	28 65	05.96-	110527	24 4.0
114 C/380 10.6	[DC11.02]	03.98-	111720	28 90	03.98-	112437#	24 6.7
			111886	28 65			
114 G/340 10.6	[DC11.01]		111886	28 65	03.98-	110527	24 4.0
	[DC11.03]		111886	28 65	03.98-	110527	24 4.0
114 G/340 11.0	[DC11.01]	05.96-	111720	28 90	05.96-	112437#	24 6.7
		05.96-	111886	28 65			
	[DSC11.79]	05.96-	111720	28 90	05.96-	112437#	24 6.7
		05.96-	111886	28 65			
114 G/380 10.6	[DC11.02]	03.98-	111720	28 90	03.98-	112437#	24 6.7
			111886	28 65			
114 L/340 10.6	[DC11.01]	05.96-	111720	28 90	05.96-	112437#	24 6.7
		09.04	111886	28 65			
	[DC11.02]	03.98-	111720	28 90	03.98-	112437#	24 6.7
		03.98-	111886	28 65			
	[DC11.03]	05.96-	111720	28 90	05.96-	112437#	24 6.7
			111886	28 65			
114 L/340 11.0	[DSC11.79]	05.96-	111886	28 65	05.96-	110527	24 4.0
114 L/380 10.6	[DC11.02]	02.96- 09.04	111886	28 65	03.98-	112437#	24 6.7
		03.98-	111720	28 90			
124 /G420 11.7	[DC12.01]					110527	24 4.0
124 C/360 11.7	[DSC12.02]	09.96-	111720	28 90	09.96-	111910	24 6.7
			111886	28 65			
124 C/400 11.7	[DSC12.01]	09.96-	111720	28 90	09.96-	111910	24 6.7
		09.96-	111886	28 65			
124 C/420 11.7	[DC12.01]	08.02	111886	28 65			
124 C/470 11.7	[DT12.02]		111886	28 65			
124 G/ 420 11.7	[DC12.01]		111886	28 65			
124 G/360 11.7	[DSC12.02]	05.96-	111720	28 90	05.96-	111910	24 6.7
		05.96-	111886	28 65			
124 G/400 11.7	[DSC12.01]	05.96-	111720	28 90	05.96-	111910	24 6.7
		05.96-	111886	28 65			
124 G/420 11.7	[DC12.01]	08.02	111886	28 65			
124 G/470 11.7	[DT12.02]	09.00- 09.04	111886	28 65			
124 L/360 11.7	[DSC12.02]	09.96-	111720	28 90	09.96-	111910	24 6.7
		09.96-	111886	28 65			
124 L/400 11.7	[DSC12.01]	09.96-	111720	28 90	09.96-	111910	24 6.7
		09.96-	111886	28 65			
124 L/420 11.7	[DSC12.05]	09.97-	111720	28 90	09.97-	111910	24 6.7
		09.97-	111886	28 65			
124 L/440 11.7	[DT12.08]	01.01-	111886	28 65	09.00- 09.04	111910	24 6.7
					09.00- 09.04	110212	24 6.6
124 L/470 11.7	[DT12.02]		111886	28 65	01.01-	110527	24 4.0
143 E/420 14.2	[DSC14.08]	01.91- 12.96	110043#	28 45	01.91- 12.96	112119	24 6.6
		01.91- 12.96	110076#	28 55	01.91-	110212	24 6.6
		01.91-	111527#	28 55 PR			
		01.91-	112076	28 80			
		01.91-	112757	28 55 BO			
		01.91-	112758#	28 75			
		01.94-	111886	28 65			
143 E/450 14.2	[DSC14.03]	01.90- 12.96	110043#	28 45	01.90-	110212	24 6.6
		01.90- 12.96	110076#	28 55			
		01.90-	111527#	28 55 PR			
		01.90-	112076	28 80			
		01.90-	112757	28 55 BO			
		01.90-	112758#	28 75			
		01.94-	111886	28 65			
	[DSC14.10]	01.90- 12.96	110043#	28 45	01.90-	110212	24 6.6
		01.90- 12.96	110076#	28 55			
		01.90-	111527#	28 55 PR			
		01.90-	112076	28 80			
		01.90-	112757	28 55 BO			
		01.90-	112758#	28 75			
		01.94-	111886	28 65			
143 E/500 14.2	[DSC14.09]	01.91- 12.96	110043#	28 45	01.91-	110212	24 6.6
		01.91- 12.96	110076#	28 55			
		01.91-	111527#	28 55 PR			
		01.91-	112076	28 80			
		01.91-	112757	28 55 BO			
		01.91-	112758#	28 75			
		01.94-	111886	28 65			

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



	[DSC14.16]	01.91- 12.96	110043# 28 45	12.94-	110212	24 6.6
		01.91- 12.96	110076# 28 55			
		12.94-	111527# 28 55 PR			
		12.94-	111886 28 65			
		12.94-	112076 28 80			
		12.94-	112757 28 55 BO			
		12.94-	112758# 28 75			
143 H/400 14.2	[DSC14.06]	05.88- 12.89	110043# 28 45	05.88-	110212	24 6.6
		05.88- 12.91	110076# 28 55 PR			
		05.88- 08.89	111834 28 55 BO			
		05.88- 12.89	112182 28 80			
		08.89-	111527# 28 55 PR			
		08.89-	112076 28 80			
		08.89-	112757 28 55 BO			
		08.89-	112758# 28 75			
143 H/420 14.2	[DSC14.08]	01.91- 12.96	110043# 28 45	01.91- 12.93	110212	24 6.6
		01.91- 12.96	110076# 28 55			
		01.91- 12.93	111527# 28 55 PR			
		01.91- 12.93	112076 28 80			
		01.91- 12.93	112757 28 55 BO			
		01.91- 12.93	112758# 28 75			
		01.94-	111886 28 65			
143 H/450 14.2	[DSC14.03]	05.88- 12.96	110043# 28 45	05.88-	110212	24 6.6
		05.88- 12.96	110076# 28 55 PR			
		05.88- 08.89	111834 28 55 BO			
		05.88- 12.89	112182 28 80			
		08.89-	111527# 28 55 PR			
		08.89-	112076 28 80			
		08.89-	112757 28 55 BO			
		08.89-	112758# 28 75			
		01.94-	111886 28 65			
	[DSC14.06]	05.88- 12.89	111834 28 55	05.88- 12.89	110527	24 4.0
		05.88- 12.89	112182 28 80			
		05.88- 12.89	112757 28 55			
	[DSC14.10]	01.90- 12.96	110043# 28 45	01.90-	110212	24 6.6
		01.90- 12.96	110076# 28 55			
		01.90-	111527# 28 55 PR			
		01.90-	112076 28 80			
		01.90-	112757 28 55 BO			
		01.90-	112758# 28 75			
		01.94-	111886 28 65			
143 H/470 14.2	[DSC14.04]	03.88- 05.91	110076# 28 55 PR	03.88-	110212	24 6.6
		03.88- 08.89	111834 28 55 BO			
		03.88- 12.89	112182 28 80			
		08.89-	111527# 28 55 PR			
		08.89-	112076 28 80			
		08.89-	112757 28 55 BO			
		08.89-	112758# 28 75			
143 H/500 14.2	[DSC14.09]	01.91- 12.96	110043# 28 45	01.91-	110212	24 6.6
		01.91- 12.96	110076# 28 55			
		01.91-	111527# 28 55 PR			
		01.91-	112076 28 80			
		01.91-	112757 28 55 BO			
		01.91-	112758# 28 75			
		01.94-	111886 28 65			
	[DSC14.16]	01.91- 12.96	110043# 28 45	12.94-	110212	24 6.6
		01.91- 12.96	110076# 28 55			
		12.94-	111527# 28 55 PR			
		12.94-	111886 28 65			
		12.94-	112076 28 80			
		12.94-	112757 28 55 PR, BO			
		12.94-	112758# 28 75			
143 M/420 14.2	[DSC14.08]	01.91- 12.96	110043# 28 45	01.91-	110212	24 6.6
		01.91- 12.96	110076# 28 55			
		01.91-	111527# 28 55 PR			
		01.91-	112076 28 80			
		01.91-	112757 28 55 BO			
		01.91-	112758# 28 75			
		01.94-	111886 28 65			
143 M/450 14.2	[DSC14.03]	05.88- 12.96	110043# 28 45	05.88-	110212	24 6.6
		05.88- 12.96	110076# 28 55 PR			
		05.88-	111527# 28 55 PR			
		05.88- 08.89	111834 28 55 BO			
		05.88-	112076 28 80			
		05.88- 12.89	112182 28 80			
		05.88-	112757 28 55 BO			
		05.88-	112758# 28 75			
		01.94-	111886 28 65			
	[DSC14.10]	01.90- 12.96	110043# 28 45	01.90-	110212	24 6.6
		01.90- 12.96	110076# 28 55			
		01.90-	111527# 28 55 PR			
		01.90-	112076 28 80			
		01.90-	112757 28 55 BO			
		01.90-	112758# 28 75			
		01.94-	111886 28 65			

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143 M/470 14.2	[DSC14.04]	03.88- 05.91	110076#	28 55 PR	03.88-	110212	24 6.6
		03.88- 08.89	111834	28 55 BO			
		03.88- 12.89	112182	28 80			
		08.89-	111527#	28 55 PR			
		08.89-	112076	28 80			
		08.89-	112757	28 55 BO			
143 M/500 14.2	[DSC14.09]	01.91- 12.96	110043#	28 45	01.91-	110212	24 6.6
		01.91- 12.96	110076#	28 55			
		01.91-	111527#	28 55 PR			
		01.91-	111886	28 65			
		01.91-	112076	28 80			
		01.91-	112757	28 55 BO			
143 M/500 14.2	[DSC14.16]	01.91- 12.96	110043#	28 45	12.94-	110212	24 6.6
		01.91- 12.96	110076#	28 55			
		12.94-	111527#	28 55 PR			
		12.94-	111886	28 65			
		12.94-	112076	28 80			
		12.94-	112757	28 55 BO			
144 C/460 14.2	[DSC14.15]	09.96-	111720	28 90	09.96-	112224	24 6.7
		09.96-	111886	28 65			
144 C/530 14.2	[DSC14.13]	09.96-	111720	28 90	09.96-	112224	24 6.7
		09.96-	111886	28 65			
144 G/460 14.2	[DSC14.15]	04.96-	111720	28 90	04.96-	112224	24 6.7
		04.96-	111886	28 65			
144 G/530 14.2	[DSC14.13]	04.96-	111720	28 90	04.96-	112224	24 6.7
		04.96-	111886	28 65			
144 L/460 14.2	[DSC14.15]	11.95-	111720	28 90	11.95-	112224	24 6.7
		11.95-	111886	28 65			
144 L/530 14.2	[DSC14.13]	11.95-	111720	28 90	11.95-	112224	24 6.7
		11.95-	111886	28 65			
164 C/480 15.6	[DC16.02]				05.00-	111910	24 6.7
164 C/580 15.6	[DC16.01]				05.00-	111910	24 6.7
164 G/480 15.6	[DC16.02]	05.04	111886	28 65	05.00-	111910	24 6.7
164 G/580 15.6	[DC16.01]				05.00-	111910	24 6.7
164 L/480 15.6	[DC16.02]	04.00- 09.04	111886	28 65	05.00-	111910	24 6.7
164 L/580 15.6	[DC16.01]	04.00- 05.04	111886	28 65	05.00-	111910	24 6.7
82 H/210 7.8	[DS8.05]	01.81- 08.89	110043#	28 45 BO	01.81- 03.88	110527	24 4.0
		01.81- 08.89	110076#	28 55 PR			
		01.81- 08.89	111834	28 55 BO			
		01.81- 12.86	112182	28 80			
82 M/190 7.8	[DS8.06]	10.82- 03.88	110043#	28 45 BO	10.82- 03.88	110527	24 4.0
		10.82- 03.88	110076#	28 55 PR			
		10.82- 03.88	111834	28 55 BO			
		10.82- 03.88	112182	28 80			
82 M/210 7.8	[DS8.05]	01.81- 08.89	110043#	28 45 BO	01.81- 03.88	110527	24 4.0
		01.81- 08.89	110076#	28 55 PR			
		01.81- 08.89	111834	28 55 BO			
		01.81- 12.86	112182	28 80			
92 H/245 8.5	[DS9.01]	01.87- 03.88	110043#	28 45 BO	01.87- 03.88	110527	24 4.0
		01.87- 03.88	110076#	28 55 PR			
		01.87- 03.88	111834	28 55 BO			
		01.87- 12.88	112182	28 80			
92 H/275 8.5	[DSC9.01]	01.87- 03.88	110043#	28 45 BO	01.87- 03.88	110527	24 4.0
		01.87- 03.88	110076#	28 55 PR			
		01.87- 03.88	111834	28 55 BO			
		01.87- 12.88	112182	28 80			
92 M/245 8.5	[DS9.01]	01.85- 03.88	110043#	28 45 BO	01.85- 03.88	110527	24 4.0
		01.85- 03.88	110076#	28 55 PR			
		01.85- 03.88	111834	28 55 BO			
		01.85- 12.88	112182	28 80			
92 M/275 8.5	[DS9.01]	01.85- 03.88	110043#	28 45 BO	01.85- 03.88	110527	24 4.0
		01.85- 03.88	110076#	28 55 PR			
		01.85- 03.88	111834	28 55 BO			
		01.85- 12.86	112182	28 80			
92 M/275 8.5	[DSC9.01]	01.85- 03.88	110043#	28 45 BO	01.85- 03.88	110527	24 4.0
		01.85- 03.88	110076#	28 55 PR			
		01.85- 03.88	111834	28 55 BO, PR			
		01.85- 12.88	112182	28 80			
93 H/220 8.5	[DSC9.10]	12.91- 12.96	110043#	28 45	12.91-	110527	24 4.0
		12.91- 12.96	110076#	28 55			
		12.91-	111527#	28 55 PR			
		12.91-	112076	28 80			
		12.91-	112757	28 55 BO			
		12.91-	112758#	28 75			
93 H/250 8.5	[DS9.05]	03.88- 12.96	110043#	28 45 BO	03.88-	110527	24 4.0
		03.88- 12.96	110076#	28 55 PR			
		03.88- 08.89	111834	28 55 BO			
		03.88- 12.89	112182	28 80			
		08.89-	111527#	28 55 PR			
		08.89-	112076	28 80			
93 H/250 8.5		08.89-	112757	28 55 BO			
		08.89-	112758#	28 75			





	[DSC9.07]	01.90- 12.09	110043# 28 45	12.91-	110527	24	4.0
		01.90- 12.96	110076# 28 55				
		12.91-	111527# 28 55 PR				
		12.91-	112076 28 80				
		12.91-	112757 28 55 BO				
		12.91-	112758# 28 75				
		01.94-	111886 28 65				
93 H/280 8.5	[DSC9.02]	12.91- 12.96	110043# 28 45	12.91-	110527	24	4.0
		12.91- 12.96	110076# 28 55				
		12.91-	111527# 28 55 PR				
		12.91-	112076 28 80				
		12.91-	112757 28 55 BO				
		12.91-	112758# 28 75				
		01.94-	111886 28 65				
	[DSC9.08]	12.91- 12.96	110043# 28 45	12.91-	110527	24	4.0
		12.91- 12.96	110076# 28 55				
		12.91-	111527# 28 55 PR				
		12.91-	112076 28 80				
		12.91-	112757 28 55 BO				
		12.91-	112758# 28 75				
		01.94-	111886 28 65				
93 M/210 8.5	[DS9.08]	03.88- 12.91	110043# 28 45	03.88-	110527	24	4.0
		03.88- 08.89	110076# 28 55 PR				
		03.88- 08.89	111834 28 55 BO				
		03.88- 12.91	112182 28 80				
		08.89-	111527# 28 55 PR				
		08.89-	112076 28 80				
		08.89-	112757 28 55 BO				
		08.89-	112758# 28 75				
93 M/220 8.5	[DSC9.10]	12.91- 12.96	110043# 28 45	12.91-	110527	24	4.0
		12.91- 12.96	110076# 28 55				
		12.91-	111527# 28 55 PR				
		12.91-	112076 28 80				
		12.91-	112757 28 55 BO				
		12.91-	112758# 28 75				
		01.94-	111886 28 65				
93 M/230 8.5	[DS9.06]	03.88- 12.91	110043# 28 45	03.88-	110527	24	4.0
		03.88- 12.91	110076# 28 55 PR				
		03.88- 08.89	111834 28 55 BO				
		03.88- 12.89	112182 28 80				
		08.89-	111527# 28 55 PR				
		08.89-	112076 28 80				
		08.89-	112757 28 55 BO				
		08.89-	112758# 28 75				
93 M/250 8.5	[DS9.05]	03.88- 12.96	110043# 28 45	03.88-	110527	24	4.0
		03.88- 12.96	110076# 28 55 PR				
		03.88- 08.89	111834 28 55 BO				
		03.88- 12.89	112182 28 80				
		08.89-	111527# 28 55 PR				
		08.89-	112076 28 80				
		08.89-	112757 28 55 BO				
		08.89-	112758# 28 75				
	[DSC9.07]	01.90- 12.96	110043# 28 45	01.90-	110527	24	4.0
		01.90- 12.96	110076# 28 55				
		01.90-	111527# 28 55 PR				
		01.90-	112076 28 80				
		01.90-	112757 28 55 BO				
		01.90-	112758# 28 75				
		01.94-	111886 28 65				
93 M/280 8.5	[DSC9.02]	03.88- 12.96	110043# 28 45	03.88-	110527	24	4.0
		03.88- 12.96	110076# 28 55 PR				
		03.88- 08.89	111834 28 55 BO				
		03.88- 12.89	112182 28 80				
		08.89-	111527# 28 55 PR				
		08.89-	112076 28 80				
		08.89-	112757 28 55 BO				
		08.89-	112758# 28 75				
		01.94-	111886 28 65				
	[DSC9.08]	01.90- 12.09	110043# 28 45	01.90-	110527	24	4.0
		01.90- 12.96	110076# 28 55				
		01.90-	111527# 28 55 PR				
		01.90-	112076 28 80				
		01.90-	112757 28 55 BO				
		01.90-	112758# 28 75				
		01.94-	111886 28 65				
94 /G260 9.0	[DSC9.12]		111886 28 65				
94 C/260 9.0	[DC9.02]	12.96-	111720 28 90	12.96-	110527	24	4.0
		12.96-	111886 28 65				
	[DSC9.12]	12.96-	111720 28 90	12.96-	110527	24	4.0
		12.96-	111886 28 65				
94 C/310 9.0	[DSC9.13]	08.96-	111720 28 90	08.96-	110527	24	4.0
		08.96-	111886 28 65				
	[DSC9.15]	08.96-	111720 28 90	08.96-	110527	24	4.0
		08.96-	111886 28 65				
94 D/220 9.0	[DSC9.11]	08.96-	111720 28 90	08.96-	110527	24	4.0
		08.02	111886 28 65				
94 D/230 9.0	[DC9.01]	04.99- 09.04	111886 28 65	04.99- 09.04	110527	24	4.0
	[DC9.04]			08.99-	110527	24	4.0

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94 D/260 9.0	[DC9.02]	08.96- 08.96-	111720 111886	28 90 28 65	08.96-	110527	24 4.0
	[DSC9.12]	08.96-	111720 111886	28 90 28 65	08.96-	110527	24 4.0
94 D/310 9.0	[DSC9.13]	12.96- 08.02	111720 111886	28 90 28 65	12.96-	110527	24 4.0
	[DSC9.15]	12.96- 12.96-	111720 111886	28 90 28 65	12.96-	110527	24 4.0
94 G/220 9.0	[DSC9.11]	08.96- 08.96-	111720 111886	28 90 28 65	08.96-	110527	24 4.0
94 G/260 9.0	[DC9.02]	08.96- 08.96-	111720 111886	28 90 28 65	08.96-	110527	24 4.0
	[DSC9.12]	08.96-	111720 111886	28 90 28 65	08.96-	110527	24 4.0
94 G/310 9.0	[DSC9.13]	08.96- 08.02	111720 111886	28 90 28 65	08.96-	110527	24 4.0
	[DSC9.15]	08.96- 08.96-	111720 111886	28 90 28 65	08.96-	110527	24 4.0
94 L/310 9.0	[DSC9.13]	08.96- 08.96- 08.02	111720 111886	28 90 28 65	08.96-	110527	24 4.0
	[DSC9.15]	08.96- 08.96-	111720 111886	28 90 28 65	08.96-	110527	24 4.0
BK112 11.0	[DN11..]	05.82- 11.99 01.89- 09.90	112182 111834	28 80 28 55	05.82-	112119	24 6.6
	[DSC11..]	05.82- 11.90	112182	28 80	05.82-	110214	24 6.6
BR112 11.0	[DS]	09.78- 12.90	112182	28 80	09.79- 09.79-	110214 112119	24 6.6 24 6.6
CR112 11.0	[DS]	09.78- 12.92	112182	28 80			
F112 11.0	[DN11..]	01.80- 06.89 10.81- 01.95	110043# 112182	28 45 28 80	10.81-	112119	24 6.6
	[DS]	10.81- 01.95	112182	28 80	10.81-	110214	24 6.6
K 113 11.0	[DS11.34]	11.90- 08.98	112757	28 55	11.90- 08.98 11.90- 08.98	112119 110527	24 6.6 24 4.0
	[DS11.73]	11.90-	112757	28 55	07.90- 08.98 07.90- 08.98	112119 110527	24 6.6 24 4.0
	[DSC11.08]	11.90- 08.98	112757	28 55	11.90- 08.98 11.90- 08.98	110527 112119	24 4.0 24 6.6
K 113 CLB 11.0	[DSC11.22]	07.90- 08.98	111889		07.90- 12.96 07.90- 12.96	110527 112119	24 4.0 24 6.6
	[DSC11.81]	01.91- 12.97 01.91- 12.97	111889 112757	28 55 28 55	05.82- 08.98 05.82- 08.98	110527 112119	24 4.0 24 6.6
K 93 CL 8.5	[DSC9.08]	01.91- 12.96 01.91- 12.01 01.91- 12.01 01.91- 12.01 01.91- 12.96 01.91- 12.01	110076# 111834 111889 112076 112182 112757	28 55 28 55 28 80 28 80 28 55	01.91- 12.01 01.91- 12.01	112119 110527	24 6.6 24 4.0
K112 11.0	[DN11..]	05.82- 06.90 01.89- 09.90	112182 111834	28 80 28 55	05.83-	112119	24 6.6
	[DS11.15]	04.82- 06.90	112182	28 80	04.82-	112119	24 6.6
	[DSC11..]	06.82- 06.90	112182	28 80	06.82-	110214	24 6.6
K114 10.6	[DC..]	08.97- 08.97- 08.97- 08.97-	112424 114028 115493 115498	28 140 28 80 28 80 A49 28 100 A49			
K124 12.0	[DC12..]	08.97-	112424	28 140	08.97-	111910	24 6.7
	[DSC..]	09.97-	112424	28 140	09.97-	111910	24 6.7
K82 7.8	[DSI..]	03.84- 12.95	112182	28 80		110527	24 4.0
L 113 CLB 11.0	[DS11.34]	01.90- 08.98 01.90- 08.98	111889 112757	28 55	01.90- 12.96 01.90- 12.96	112119 110527	24 6.6 24 4.0
	[DSC11.08]	01.90- 08.98	111889		01.90- 12.96	112119	24 6.6
		01.90- 08.98	112757	28 55	01.90- 12.96	110527	24 4.0
	[DSC11.24]	11.93- 08.98 11.93- 08.98	111889 112757	28 55 28 55	11.93- 12.96 11.93- 12.96	110527 112119	24 4.0 24 6.6
L94 9.0	[DC..]	04.99-	112424	28 140			
R 142 E 14.2	[DS14.06]	05.80- 03.88	110043#	28 45	05.80- 03.88	110212	24 6.6
R 142 H 14.2	[DS14.06]	05.80- 03.88	110043#	28 45	05.80- 03.88	110212	24 6.6
	[DSC14.01]	05.80- 03.88	110043#	28 45	05.80- 03.88	110212	24 6.6
	[DSC14.02]	05.80- 03.88	110043#	28 45	05.80- 03.88	110212	24 6.6
R 142 M 14.2	[DS14.06]	05.80- 03.88	110043#	28 45	05.80- 03.88	110212	24 6.6
S112 11.0	[DN11..]	01.80- 06.89 10.81- 10.91	110043# 112182	28 45 28 80			
	[DS]	10.81- 10.91	112182	28 80			
T 113 E/320 11.0	[DSC11.16]	01.90- 01.90- 01.90- 01.90- 01.94-	111527# 112076 112757 112758# 111886	28 55 PR 28 80 28 55 BO 28 75 28 65	01.90-	112119	24 6.6
	[DSC11.17]	01.90- 01.90- 01.90- 01.90-	111527# 112076 112757 112758#	28 55 PR 28 80 28 55 BO 28 75	01.90-	112119	24 6.6
	[DSC11.21]	01.90- 01.90- 01.90- 01.90-	111527# 112076 112757 112758#	28 55 PR 28 80 28 55 BO 28 75	01.90-	112119	24 6.6



T 113 E/360 11.0	[DSC11.13]	01.90- 12.96	110043#	28 45	01.90-	112119	24 6.6
		01.90-	111527#	28 55 PR			
		01.90-	112076	28 80			
		01.90-	112757	28 55 BO			
		01.90-	112758#	28 75			
	[DSC11.18]	01.90- 12.96	110043#	28 45	01.90-	112119	24 6.6
		01.90-	111527#	28 55 PR			
		01.90-	112076	28 80			
		01.90-	112757	28 55 BO			
		01.90-	112758#	28 75			
	[DSC11.23]	01.90- 12.96	110043#	28 45	01.90-	112119	24 6.6
		01.90-	111527#	28 55 PR			
		01.90-	112076	28 80			
		01.90-	112757	28 55 BO			
		01.90-	112758#	28 75			
T 113 H/320 11.0	[DSC11.16]	01.90-	111527#	28 55 PR	01.90-	112119	24 6.6
		01.90-	112076	28 80			
		01.90-	112757	28 55 BO			
		01.90-	112758#	28 75			
		01.94-	111886	28 65			
	[DSC11.17]	01.90-	111527#	28 55 PR	01.90-	112119	24 6.6
		01.90-	112076	28 80			
		01.90-	112757	28 55 BO			
		01.90-	112758#	28 75			
		01.90-	112758#	28 75			
	[DSC11.21]	01.90-	111527#	28 55 PR	01.90-	112119	24 6.6
		01.90-	112076	28 80			
		01.90-	112757	28 55 BO			
		01.90-	112758#	28 75			
		01.90-	112758#	28 75			
T 113 H/360 11.0	[DSC11.13]	01.90- 12.96	110043#	28 45	01.90-	112119	24 6.6
		01.90-	111527#	28 55 PR			
		01.90-	112076	28 80			
		01.90-	112757	28 55 BO			
		01.90-	112758#	28 75			
	[DSC11.18]	01.90- 12.96	110043#	28 45	01.90-	112119	24 6.6
		01.90-	111527#	28 55 PR			
		01.90-	112076	28 80			
		01.90-	112757	28 55 BO			
		01.90-	112758#	28 75			
	[DSC11.23]	01.90- 12.96	110043#	28 45	01.90-	112119	24 6.6
		01.90-	111527#	28 55 PR			
		01.90-	112076	28 80			
		01.90-	112757	28 55 BO			
		01.90-	112758#	28 75			
T 114 C/340 10.6	[DC11.01]	03.96- 02.02	111886	28 65	03.96- 02.02	111910	24 6.7
					03.96- 02.02	110212	24 6.6
					03.96- 02.02	110527	24 4.0
	[DC11.03]	02.96-	111886	28 65	03.96- 02.02	112224	24 6.7
					02.96-	110527	24 4.0
					02.96-	110212	24 6.6
					02.96-	111910	24 6.7
					02.96-	112224	24 6.7
T 114 C/380 10.6	[DC11.02]	03.96- 02.02	111886	28 65	03.96- 02.02	111910	24 6.7
					03.96- 02.02	110212	24 6.6
					03.96- 02.02	110527	24 4.0
					03.96- 02.02	112224	24 6.7
T 114 G/340 10.6	[DC11.01]	02.02	111886	28 65	03.96- 02.02	110527	24 4.0
					03.96- 02.02	110212	24 6.6
					03.96- 02.02	111910	24 6.7
	[DC11.03]	02.96-	111886	28 65	03.96- 02.02	112224	24 6.7
					02.96-	110527	24 4.0
				02.96-	110212	24 6.6	
				02.96-	111910	24 6.7	
				02.96-	112224	24 6.7	
T 114 G/340 11.0	[DSC11.79]	05.96-	111720	28 90	05.96-	112437#	24 6.7
		05.96-	111886	28 65			
T 114 G/380 10.6	[DC11.02]	02.02	111886	28 65	03.96- 02.02	111910	24 6.7
					03.96- 02.02	110212	24 6.6
					03.96- 02.02	110527	24 4.0
					03.96- 02.02	112224	24 6.7
T 114 L/340 10.6	[DC11.01]	02.02	111886	28 65	02.96-	110527	24 4.0
					02.96-	110212	24 6.6
					02.96-	111910	24 6.7
	[DC11.03]	03.96- 02.02	111886	28 65	02.96-	112224	24 6.7
					02.96-	110527	24 4.0
				02.96-	110212	24 6.6	
				02.96-	111910	24 6.7	
				02.96-	112224	24 6.7	
T 114 L/340 11.0	[DSC11.79]	05.96-	111720	28 90	05.96-	112437#	24 6.7
		05.96-	111886	28 65			
T 114 L/380 10.6	[DC11.02]	03.98- 02.02	111886	28 65	03.96- 02.02	111910	24 6.7
					03.96- 02.02	110212	24 6.6
					03.96- 02.02	110527	24 4.0
					03.96- 02.02	112224	24 6.7
T 124 C/360 11.7	[DSC12.02]	09.95- 02.02	111886	28 65	09.95- 02.02	110527	24 4.0
					09.95- 02.02	110212	24 6.6
					09.95- 02.02	111910	24 6.7

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

SCANIA Continued

T 124 C/400 11.7	[DSC12.01]	03.95- 01.00	111886	28	65	03.95- 01.00	110527	24	4.0
						03.95- 01.00	110212	24	6.6
						03.95- 01.00	111910	24	6.7
T 124 C/420 11.7	[DC12.01]	09.95- 08.02	111886	28	65	09.95- 08.02	111910	24	6.7
						09.95- 08.02	110212	24	6.6
	[DSC12.05]	09.95- 08.02	111886	28	65	09.95- 02.02	110527	24	4.0
						09.95- 02.02	110212	24	6.6
						09.95- 02.02	111910	24	6.7
T 124 G/360 11.7	[DSC12.02]	03.97-	111720	28	90	03.97-	111910	24	6.7
		03.97-	111886	28	65				
T 124 G/400 11.7	[DSC12.01]	03.97-	111720	28	90	03.97-	111910	24	6.7
		03.97-	111886	28	65				
T 124 G/420 11.7	[DC12.01]	08.02	111886	28	65	09.95- 08.02	110212	24	6.6
						09.95- 08.02	111910	24	6.7
	[DSC12.05]	09.95- 02.02	111886	28	65	09.95- 02.02	110527	24	4.0
						09.95- 02.02	110212	24	6.6
						09.95- 02.02	111910	24	6.7
T 124 L/360 11.7	[DSC12.02]	09.95- 02.02	111886	28	65	05.95- 02.02	111910	24	6.7
		02.97-	111720	28	90	05.95- 02.02	110527	24	4.0
						05.95- 02.02	110212	24	6.6
T 124 L/400 11.7	[DSC12.01]	05.96- 01.02	111886	28	65	03.95- 01.02	111910	24	6.7
		02.97-	111720	28	90	03.95- 01.02	110527	24	4.0
						03.95- 01.02	110212	24	6.6
T 124 L/420 11.7	[DC12.01]	05.96- 08.02	111886	28	65	09.95- 08.02	110527	24	4.0
						09.95- 08.02	110212	24	6.6
	[DSC12.05]	05.96- 08.02	111886	28	65	09.95- 08.02	111910	24	6.7
						09.95- 08.02	110527	24	4.0
						09.95- 08.02	110212	24	6.6
T 124 L/470 11.7	[DT12.02]		111886	28	65	09.00-	111910	24	6.7
T 142 E 14.2	[DS14.06]	05.80- 03.88	110043#	28	45	05.80- 03.88	110212	24	6.6
		05.80- 03.88	111834	28	55				
		05.80- 03.88	112182	28	80				
T 143 E/450 14.2	[DSC14.03]	01.90- 12.96	110043#	28	45	01.90-	110212	24	6.6
		01.90- 12.96	110076#	28	55				
		01.90-	111527#	28	55	PR			
		01.90-	112076	28	80				
		01.90-	112757	28	55	BO			
		01.90-	112758#	28	75				
		01.94-	111886	28	65				
	[DSC14.10]	01.90- 12.96	110043#	28	45	01.90-	110212	24	6.6
		01.90- 12.96	110076#	28	55				
		01.90-	111527#	28	55	PR			
		01.90-	112076	28	80				
T 143 E/500 14.2	[DSC14.09]	01.91- 12.96	110043#	28	45	01.91-	110212	24	6.6
		01.91- 12.96	110076#	28	55				
		01.91-	111527#	28	55	PR			
		01.91-	112076	28	80				
		01.91-	112757	28	55	BO			
		01.91-	112758#	28	75				
		01.94-	111886	28	65				
	[DSC14.16]	01.91- 12.96	110043#	28	45	12.94-	110212	24	6.6
		01.91- 12.96	110076#	28	55				
		12.94-	111527#	28	55	PR			
		12.94-	111886	28	65				
T 143 H/420 14.2	[DSC14.08]	01.91- 12.96	110043#	28	45	01.91-	110212	24	6.6
		01.91- 12.96	110076#	28	55				
		01.91-	111527#	28	55	PR			
		01.91-	112076	28	80				
		01.91-	112757	28	55	BO			
		01.91-	112758#	28	75				
		01.94-	111886	28	65				
	[DSC14.03]	01.90- 12.96	110043#	28	45	01.90-	110212	24	6.6
		01.90- 12.96	110076#	28	55				
		01.90-	111527#	28	55	PR			
		01.90-	112076	28	80				
T 143 H/450 14.2	[DSC14.03]	01.90- 12.96	110043#	28	45	01.90-	110212	24	6.6
		01.90- 12.96	110076#	28	55				
		01.90-	111527#	28	55	PR			
		01.90-	112076	28	80				
		01.90-	112757	28	55	BO			
		01.90-	112758#	28	75				
		01.94-	111886	28	65				
	[DSC14.10]	01.90- 12.96	110043#	28	45	01.90-	110212	24	6.6
		01.90- 12.96	110076#	28	55				
		01.90-	111527#	28	55	PR			
		01.90-	112076	28	80				
T 143 H/500 14.2	[DSC14.09]	01.91- 12.96	110043#	28	45	01.91-	110212	24	6.6
		01.91- 12.96	110076#	28	55				
		01.91-	111527#	28	55	PR			
		01.91-	112076	28	80				
		01.91-	112757	28	55	BO			
		01.91-	112758#	28	75				
		01.94-	111886	28	65				



		01.94-	111886	28 65				
	[DSC14.16]	01.91- 12.96	110043#	28 45		12.94-	110212	24 6.6
		01.91- 12.96	110076#	28 55				
		12.94-	111527#	28 55 PR				
		12.94-	111886	28 65				
		12.94-	112076	28 80				
		12.94-	112757	28 55 BO				
		12.94-	112758#	28 75				
T 144 C/460 14.2	[DSC14.15]	02.97- 08.01	111886	28 65		02.97- 08.01	110527	24 4.0
						02.97- 08.01	110212	24 6.6
						02.97- 08.01	112224	24 6.7
T 144 C/530 14.2	[DSC14.13]	02.97- 08.01	111886	28 65		02.97- 08.01	110527	24 4.0
						02.97- 08.01	110212	24 6.6
						02.97- 08.01	112224	24 6.7
T 144 G/460 14.2	[DSC14.15]	03.97-	111720	28 90		03.97-	112224	24 6.7
		03.97-	111886	28 65				
T 144 G/530 14.2	[DSC14.13]	03.97-	111720	28 90		03.97-	112224	24 6.7
		03.97-	111886	28 65				
T 144 L/460 14.2	[DSC14.15]	02.97- 08.01	111886	28 65		02.97- 08.01	110527	24 4.0
		03.97-	111720	28 90		02.97- 08.01	112224	24 6.7
						02.97- 08.01	110212	24 6.6
T 144 L/530 14.2	[DSC14.13]	02.97- 08.01	111886	28 65		02.97- 08.01	110527	24 4.0
		03.97-	111720	28 90		02.97- 08.01	110212	24 6.6
						02.97- 08.01	112224	24 6.7
T 93 H/250 8.5	[DS9.05]	01.90- 12.96	110043#	28 45		01.90-	110527	24 4.0
		01.90- 12.96	110076#	28 55				
		01.90-	111527#	28 55 PR				
		01.90-	112076	28 80				
		01.90-	112757	28 55 BO				
		01.90-	112758#	28 75				
	[DSC9.07]	01.90- 12.96	110043#	28 45		12.91-	110527	24 4.0
		01.90- 12.96	110076#	28 55				
		12.91-	111527#	28 55 PR				
		12.91-	112076	28 80				
		12.91-	112757	28 55 BO				
		12.91-	112758#	28 75				
		01.94-	111886	28 65				
T 93 H/280 8.5	[DSC9.02]	12.91- 12.96	110043#	28 45		12.91-	110527	24 4.0
		12.91- 12.96	110076#	28 55				
		12.91-	111527#	28 55 PR				
		12.91-	112076	28 80				
		12.91-	112757	28 55 BO				
		12.91-	112758#	28 75				
		01.94-	111886	28 65				
	[DSC9.08]	12.91- 12.96	110043#	28 45		12.91-	110527	24 4.0
		12.91- 12.96	110076#	28 55				
		12.91-	111527#	28 55 PR				
		12.91-	112076	28 80				
		12.91-	112757	28 55 BO				
		12.91-	112758#	28 75				
		01.94-	111886	28 65				
T 94 C/260 9.0	[DSC9.12]	08.96- 10.01	111886	28 65		08.96- 10.01	110527	24 4.0
						08.96- 10.01	110212	24 6.6
						08.96- 10.01	112224	24 6.7
T 94 C/310 9.0	[DSC9.13]	08.96- 08.02	111886	28 65		08.96- 08.02	110527	24 4.0
						08.96- 08.02	110212	24 6.6
						08.96- 08.02	112224	24 6.7
T 94 G/220 9.0	[DSC9.11]	08.96- 08.02	111886	28 65		08.96- 08.02	110527	24 4.0
						08.96- 08.02	110212	24 6.6
						08.96- 08.02	112224	24 6.7
T 94 G/230 9.0	[DC9.01]	04.99-	111886	28 65		04.99-	110527	24 4.0
						04.99-	110212	24 6.6
						04.99-	112224	24 6.7
T 94 G/260 9.0	[DSC9.12]	08.96- 10.01	111886	28 65		08.96- 10.01	110527	24 4.0
						08.96- 10.01	110212	24 6.6
						08.96- 10.01	112224	24 6.7
T 94 G/310 9.0	[DSC9.13]	08.96- 08.02	111886	28 65		08.96- 08.02	110527	24 4.0
						08.96- 08.02	110212	24 6.6
						08.96- 08.02	112224	24 6.7
	[DSC9.15]	08.96- 10.00	111886	28 65		08.96- 10.00	110527	24 4.0
						08.96- 10.00	110212	24 6.6
						08.96- 10.00	112224	24 6.7
T 94 L/310 9.0	[DSC9.13]	09.96- 08.02	111886	28 65		09.96- 08.02	110527	24 4.0
						09.96- 08.02	110212	24 6.6
						09.96- 08.02	112224	24 6.7
	[DSC9.15]	09.96- 08.02	111886	28 65		09.96- 08.02	110527	24 4.0
						09.96- 08.02	110212	24 6.6
						09.96- 08.02	112224	24 6.7
<b>MARINE</b>								
WD615							114327	24 5.5
<b>Scion</b>								
<b>PASSENGER CARS US</b>								
XA 1.5	[1NZ-FE]					AT 01.04-	114239	12 1.6
<b>Sea Doo</b>								
<b>MARINE</b>								
Various Models						01.95- 01.99	111918	12 0.6
						01.92-	111765	12 0.9
						01.98-	112010	12
						01.95-	111915	12 0.6

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

Seat									
PASSENGER CARS EU									
127 0.9		05.72- 09.77	110611	14	44				
		08.80- 09.81	111078	14	45				
132 1.8		01.75- 05.79	111138	14	45				
Alhambra 1.8 TFSI	[CDA]	11.12-	114722	14	140				
Alhambra 1.8 Turbo 20V	[AJH]					Chas. -X005000 10.97- 05.98	111749	12	1.1
		09.98- 02.00	115483	14	120 A49	06.98-	115504	12	1.1 A49
		Stel 10.97-	112002	14	120 A47	Chas. X005001- 06.98-	112005	12	1.1
		Stel 10.97-	114797	14	120 A46	AT, Chas. -X005000 10.97- 05.98	111748	12	1.1
		Chas. -X 025001 10.97-	112079	14	90 A47	AT, Chas. X005001- 06.98-	111909	12	1.1
	[AWC]	06.00-	115483	14	120 A49	06.00-	114174	12	1.1
Alhambra 1.9 TDI	[1Z]	03.96- 07.96	111477	14	90	03.96- 07.96	111900	12	1.8
		03.96- 07.96	111988	14	120	03.96- 07.96	115503	12	1.8 A49
	[AFN]	08.96- 06.00	112002	14	120 A47	05.97-	111694	12	1.8
		08.96- 06.00	112079	14	90 A47	05.97- 01.98	115503	12	1.8 A49
		08.96- 06.00	114797	14	120 A46	05.97- 02.00	112286	12	1.7
						05.97- 01.98	111900	12	1.8
		05.97- 02.99	111828	14	120				
		05.97- 02.99	111884	14	90				
		03.99- 02.00	115483	14	120 A49				
	[AHU]	04.96-	111477	14	90	07.96-	111900	12	1.8
		04.96-	111988	14	120	07.96- 02.00	115503	12	1.8 A49
	[ANU]	06.00-	112002	14	120 A47	06.00-	112429	12	2.0
		06.00-	112079	14	90 A47				
		06.00-	114797	14	120 A46				
		06.00-	115483	14	120 A49				
	[ARL]	05.05-	113992	14	140 A47	05.05-	112429	12	2.0
		05.05-	115483	14	120 A49				
	[ASZ]	11.02-	112002	14	120 A47	11.02-	112429	12	2.0
		11.02-	112079	14	90 A47				
		11.02-	114797	14	120 A46				
		11.02-	115483	14	120 A49				
	[AUY]	06.00-	112002	14	120 A47	06.00-	112429	12	2.0
		06.00-	112079	14	90 A47				
		06.00-	114797	14	120 A46				
		06.00-	115483	14	120 A49				
	[BTB]	05.05-	113992	14	140 A47				
		05.05-	115483	14	120 A49				
	[BVK]	11.05-	113992	14	140 A47				
		11.05-	115483	14	120 A49				
Alhambra 1.9 TDI 4 Motion	[AUY]	06.00-	112002	14	120 A47	02.01-	112429	12	2.0
		06.00-	112079	14	90 A47				
		06.00-	114797	14	120 A46				
		02.01-	115483	14	120 A49				
Alhambra 2.0 i	[ADY]	04.96- 02.00	111479	14	90	AT 04.96-	111748	12	1.1
		AC 04.96- 02.00	111477	14	90	04.96-	111749	12	1.1
	[ATM]	06.00-	115483	14	120 A49	06.00-	115504	12	1.1 A49
		04.96-	112002	14	120 A47	AT 06.00-	111909	12	1.1
		04.96-	114797	14	120 A46	04.96-	114174	12	1.1
Alhambra 2.0 TDI	[BRT]	11.05-	113992	14	140 A47				
		11.05-	115483	14	120 A49				
	[CFFA]					06.10- 05.11	115402	12	1.8
	[CFFB]					06.10-	115402	12	1.8
	[CFFE]					05.11-	115402	12	1.8
	[CFGB]					06.10-	115402	12	1.8
Alhambra 2.0 TDI 4x4	[CFFB]					05.11-	115402	12	1.8
Alhambra 2.8 V6	[AYL]	06.00-	112002	14	120 A47	06.00-	112429	12	2.0
		06.00-	113884	14	150				
		06.00-	113885	14	150				
		06.00-	114797	14	120 A46				
		06.00-	115483	14	120 A49				
Alhambra 2.8 V6 4 Motion	[AYL]	06.00-	112002	14	120 A47	06.00-	112429	12	2.0
		06.00-	113885	14	150				
		06.00-	114797	14	120 A46				
		06.00-	115483	14	120 A49				
		02.01-	113884	14	150				
Altea 1.2 TSI	[CBZB]					04.10-	114175	12	1.1
Altea 1.4 TSI	[CAXC]	11.07-	113861	14	110	11.07-	114163	12	1.1
		11.07-	114769	14	110	A44 11.07-	115337	12	2.0
						A25 11.07-	115338	12	2.0
Altea 1.6	[BGU]	03.04-	113992	14	140 A47	03.04-	113773	12	1.1
	[BSE]	03.04-	113992	14	140 A47	03.04-	113773	12	1.1
	[BSF]	03.04-	113992	14	140 A47	03.04-	113773	12	1.1
Altea 1.6 LPG	[CHGA]	09.09-	113992	14	140 A47				
Altea 1.6 Multifuel	[BSE]	10.06-	113992	14	140 A47				
	[BSF]	10.06-	113992	14	140 A47				
Altea 1.6 TDI	[CAYB]	11.10-	113992	14	140	A25 11.10-	115336	12	2.2
						11.10-	114299	12	1.7
	[CAYC]	10.09-	113992	14	140 A47	10.09-	115376	12	1.8
						A25 10.09-	115336	12	2.2
Altea 1.8 TFSI	[BYT]	01.07-	114722	14	140	01.07-	114163	12	1.1
	[BZB]	01.07-	114722	14	140	01.07-	114163	12	1.1
	[CDA]	01.07-	114722	14	140	01.07-	114163	12	1.1
Altea 1.9 TDI	[BJB]	04.04-	113992	14	140 A47	04.04-	113842	12	1.7
		04.04-	115370	14	110	04.04- 09.05	115508	12	1.7 A49
	[BKC]	04.04-	113992	14	140 A47	04.04-	113842	12	1.7
		04.04-	115370	14	110	04.04- 05.06	115508	12	1.7 A49



	[BLS]	04.04- 04.04-	113992 115370	14 140 A47 14 110		AT7S 04.04- 04.04- 10.05	115376 115508 113842	12 1.8 12 1.7 A49 12 1.7
	[BXE]	04.04- 04.04-	113992 115370	14 140 A47 14 110		04.04- 04.04- 02.06	113842 115508	12 1.7 12 1.7 A49
	[BXF]	08.09- 08.09-	113992 115370	14 140 A47 14 110		08.09-	115508	12 1.7 A49
Altea 2.0 FSi	[BLR]	05.04-	113992	14 140 A47		05.04- 05.04- 11.05	113773 114163	12 1.1 12 1.1
	[BLY]	05.04-	113992	14 140 A47		05.04- 11.05	114163	12 1.1
	[BVY]	05.04-	113992	14 140 A47		05.04- 05.04- 11.05	113773 114163	12 1.1 12 1.1
	[BVZ]	05.04-	113992	14 140 A47		05.04- 05.04- 11.05	113773 114163	12 1.1 12 1.1
Altea 2.0 TFSi	[BWA]	04.06-	113992	14 140 A47		AT 04.06- 04.06- AT 04.06-	111909 113773 115333	12 1.1 12 1.1 12 1.0
Altea 2.0 TDI	[AZV]	03.04- 03.04-	113992 115370	14 140 A47 14 110		AT 04.04- 03.04-	113509 113841	12 2.0 12 1.7
	[BKD]	03.04-	113992	14 140 A47		03.04- AT, 6 Speed 06.04- 03.04-	113841 113509 115311	12 1.7 12 2.0 12 1.7
	[BMM]	11.05- 11.05-	113992 115370	14 140 A47 14 110		11.05-	113841	12 1.7
	[BMN]	03.06- 03.06-	113992 115370	14 140 A47 14 110		03.06-	113841	12 1.7
Altea 2.0 TDI 16V	[AZV]	11.06- 11.06-	113992 115370	14 140 A47 14 110				
Altea 2.0 TDI 4x4	[BMM]	06.07- 06.07-	113992 115370	14 140 A47 14 110		06.07-	115311	12 1.7
Altea XL 1.2 TSi	[CBZB]					A25 04.10- 04.10- 04.10-	115337 113773 114175	12 2.0 12 1.1 12 1.1
Altea XL 1.6	[BSE]	10.06- 10.06-	113992 115482	14 140 A47 14 90 A49		10.06-	113773	12 1.1
	[BSF]	10.06- 10.06-	113992 115482	14 140 A47 14 90 A49		10.06-	113773	12 1.1
	[CCSA]	10.06-	115482	14 90 A49				
	[CMXA]	10.06-	115482	14 90 A49				
Altea XL 1.6 LPG	[CHGA]	09.09-	113992	14 140 A47				
Altea XL 1.6 TDI	[CAYB]	11.10-	113992	14 140		A25 11.10- 11.10- 01.07-	115336 114299 114163	12 2.2 12 1.7 12 1.1
Altea XL 1.8 TFSi	[BYT]					01.07-	114163	12 1.1
Altea XL 1.9 TDI	[BKC]	10.06- 10.06-	113992 115370	14 140 A47 14 110		10.06- 10.06- AT7S 10.06-	113842 115508 115376	12 1.7 12 1.7 A49 12 1.8
	[BLS]	10.06-	115370	14 110		10.06-	115508	12 1.7 A49
	[BXE]	10.06-	113992	14 140 A47		10.06-	113842	12 1.7
	[BXF]	08.09- 08.09-	113992 115370	14 140 A47 14 110		08.09-	115508	12 1.7 A49
Altea XL 2.0 FSi	[BVY]	10.06-	113992	14 140 A47		10.06- 10.06-	113773 114163	12 1.1 12 1.1
	[BVZ]	10.06-	113992	14 140 A47		10.06- 10.06-	113773 114163	12 1.1 12 1.1
Altea XL 2.0 TFSi 4WD	[BWA]	06.07-	113992	14 140 A47		06.07- AT 06.07-	113773 115333	12 1.1 12 1.0
Altea XL 2.0 TDI	[BMM]	10.06- 10.06-	113992 115370	14 140 A47 14 110		10.06-	113841	12 1.7
	[BMN]	06.07- 06.07-	113992 115370	14 140 A47 14 110				
Altea XL 2.0 TDI 16V	[BKD]	10.06- 10.06-	113992 115370	14 140 A47 14 110		10.06- 10.06-	113841 115311	12 1.7 12 1.7
Altea XL 2.0 TDI 4WD	[BMN]	06.07- 06.07-	113992 115370	14 140 A47 14 110		06.07-	113841	12 1.7
Arosa 1.0	[AER]	02.97- 04.98 05.97- 04.98 05.97- 06.04 PS 02.97- 04.98 PS 05.97- 04.98 ACPS 05.97-	111479 111352 113870 111353 111477 112274	14 90 14 70 14 70 14 70 14 90 14 90		02.97- 06.04	113750	12 0.9 BO
	[AHT]	02.97- 05.97- 06.04 10.97- 02.00 10.97- 02.00 10.99-	111352 113870 112274 112419 112273	14 70 14 70 14 90 14 70 14 70		05.97- 06.04	113750	12 0.9 BO
	[ALD]	05.97- 06.04 PS 01.99- 07.00 AC 01.99- 07.00	113870 112273 112274	14 70 14 70 14 90		01.99- 07.00	113750	12 0.9 BO
	[ALL]	05.97- 06.04 10.97- 05.99 10.97- 05.99 PS 10.97- 05.99 PS 10.97- 05.99	113870 111352 112274 111353 111477	14 70 14 70 14 90 14 70 14 90		10.97- 05.99	113750	12 0.9 BO
	[ANV]	05.97- 06.04 PS 01.99- 07.00 AC 01.99- 07.00	113870 112273 112274	14 70 14 70 14 90		01.99- 07.00	113750	12 0.9 BO

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





SEAT Continued

Application list

	[AUC]	05.97- 06.04	113870	14 70	05.00- 06.04	113750	12 0.9	BO
		PS 05.00-	112273	14 70				
		AC 05.00-	112274	14 90				
Arosa 1.4	[AEX]	02.97- 11.97	111479	14 90	05.97- 11.97	112307	12 1.1	
		05.97- 11.97	111352	14 70	05.97- 11.97	111823	12 1.1	
		05.97- 06.04	113870	14 70	05.97- 06.04	113750	12 0.9	BO
		PS 02.97- 11.97	111353	14 70				
		PS 05.97- 11.97	111477	14 90				
	[AKK]	05.97- 06.04	113870	14 70	01.99- 06.04	113750	12 0.9	BO
		01.99- 10.00	112274	14 90	01.99- 10.00	111823	12 1.1	
					01.99- 10.00	112307	12 1.1	
		PS 01.99- 10.00	112273	14 70				
	[AKV]	05.97- 09.99	111352	14 70	05.97- 09.99	112307	12 1.1	
		05.97- 09.99	111479	14 90	05.97- 09.99	111823	12 1.1	
		05.97- 06.04	113870	14 70	05.97- 09.99	113750	12 0.9	BO
		PS 05.97- 09.99	111353	14 70				
		PS 05.97- 09.99	111477	14 90				
	[ANW]	05.97- 06.04	113870	14 70	01.99- 10.00	113750	12 0.9	BO
		01.99- 10.00	112274	14 90	01.99- 10.00	111823	12 1.1	
					01.99- 10.00	112307	12 1.1	
		PS 01.99- 10.00	112273	14 70				
	[APQ]	05.97- 06.04	113870	14 70	12.97-	112307	12 1.1	
		12.97- 08.98	111352	14 70	12.97- 08.98	111823	12 1.1	
		12.97- 08.98	111479	14 90	05.97- 06.04	113750	12 0.9	BO
		PS 12.97- 08.98	111353	14 70				
		PS 12.97- 08.98	111477	14 90				
	[AUD]	05.97- 06.04	113870	14 70	01.99- 06.04	113750	12 0.9	BO
		01.99-	112274	14 90	01.00-	112307	12 1.1	
					01.99-	111823	12 1.1	
		PS 01.99-	112273	14 70				
Arosa 1.4 16V	[AFK]	01.00-	112273	14 70	01.99- 09.00	112307	12 1.1	
	[ANW]	01.00-	112273	14 70	01.00-	112307	12 1.1	
	[AQQ]	05.99- 09.00	112274	14 90	05.99- 09.00	112307	12 1.1	
	[AUB]	09.00-	112274	14 90	09.00-	112307	12 1.1	
Arosa 1.4 TDi	[AMF]	01.00-	113275	14 120	01.00-	111900	12 1.8	
		01.00- 04.06	113873#	14 70	01.98- 06.04	115503	12 1.8	A49
Arosa 1.7 SDi	[AKU]	08.97-	112401	14 90	08.97-	111904	12 1.8	
Cordoba 1.0	[ALD]	06.99- 10.02	113870	14 70	06.99- 10.02	112307	12 1.1	
		PS 06.99- 10.02	112273	14 70				
		PS 06.99- 10.02	112274	14 90				
	[ANV]	06.99- 07.02	113870	14 70				
		PS 06.99- 10.02	112273	14 70				
		PS 06.99- 10.02	112274	14 90				
	[AUC]	07.00- 10.02	113870	14 70				
		PS 06.99- 10.02	112273	14 70				
		PS 06.99- 10.02	112274	14 90				
Cordoba 1.0 16V	[AST]	05.00- 10.02	113870	14 70	05.00- 10.02	112307	12 1.1	
		PS 05.00- 10.02	112273	14 70				
	[AVZ]	05.00- 10.02	113870	14 70				
		PS 05.00- 10.02	112273	14 70				
Cordoba 1.0 i	[AER]	09.96-	111352	14 70	09.96-	112307	12 1.1	
		09.96-	111353	14 70				
		09.96-	111477	14 90				
		PS 09.96-	111353	14 70				
		PS 09.96-	111477	14 90				
Cordoba 1.2	[AZQ]	Chas. 6L-3-097170- 10.02-	113253	14 90	10.02-	113515	12 0.9	
		Chas. -6L-3-097169 10.02-	113253	14 90				
		Chas. -6L3097169 10.02-	113253	14 90				
Cordoba 1.4	[AKK]	06.99- 12.02	112273	14 70	05.99- 12.02	112307	12 1.1	
		06.99- 12.02	112274	14 90				
	[ANW]	05.99- 08.00	112273	14 70	05.99- 10.02	112307	12 1.1	
		05.99- 08.00	112274	14 90				
	[AUD]				06.99- 12.02	112307	12 1.1	
Cordoba 1.4 16V	[APE]	09.99- 06.00	112273	14 70	06.99- 06.00	112307	12 1.1	
		09.99- 06.00	112274	14 90				
	[AQQ]	02.00- 10.02	112273	14 70	02.00- 10.02	112307	12 1.1	
	[AUB]	02.00- 10.02	112273	14 70	02.00- 10.02	112307	12 1.1	
	[BBY]	09.02-	113870	14 70	AT 10.02-	111823	12 1.1	
		AC 10.02-	112274	14 90	10.02-	113515	12 0.9	
	[BBZ]	10.02-	112274	14 90	10.02-	113515	12 0.9	
		10.02-	113870	14 70				
Cordoba 1.4 i	[ABD]	09.93- 12.95	111352	14 70	09.93- 12.95	112307	12 1.1	
		PS 09.93- 12.95	111353	14 70				
	[AEX]	12.95- 12.97	111352	14 70	12.95- 12.97	112307	12 1.1	
		12.95- 12.97	111479	14 90				
		PS 12.95- 12.97	111353	14 70				
		PS 12.95- 12.97	111477	14 90				
	[AKV]	09.97-	111352	14 70	09.97-	112307	12 1.1	
		09.97-	111479	14 90				
		PS 09.97-	111353	14 70				
		PS 09.97-	111477	14 90				
	[ANX]	01.98- 05.98	111352	14 70	01.96- 05.98	112307	12 1.1	
		01.98- 05.98	111353	14 70				
		01.98- 05.98	111477	14 90				
		01.98-	111479	14 90				
		PS 01.98-	111353	14 70				
		PS 01.98-	111477	14 90				



	[APO]	12.97- 12.02	111352	14 70		12.97- 05.98	112307	12 1.1
		12.97- 12.02	111353	14 70				
		12.97- 12.02	111477	14 90				
		12.97-	111479	14 90				
		PS 12.97-	111353	14 70				
		PS 12.97-	111477	14 90				
Cordoba 1.4 i 16V	[AFH]	09.96- 06.99	111353	14 70		09.96- 06.99	112307	12 1.1
		AC 09.96- 06.99	111477	14 90				
Cordoba 1.4 TDI	[AMF]	10.02-	113275	14 120		10.02-	111900	12 1.8
		10.02- 12.05	113873#	14 70		10.02-	113842	12 1.7
						10.02- 12.04	115503	12 1.8 A49
						12.04-	115508	12 1.7 A49
	[BMS]	06.05-	112079	14 90 A47		06.05-	113842	12 1.7
		06.05-	113275	14 120		06.05-	115508	12 1.7 A49
	[BNM]	05.05-	113275	14 120		05.05-	114062	12 1.7
	[BNV]					06.05-	113842	12 1.7
						06.05-	115508	12 1.7 A49
Cordoba 1.6	[AEH]	05.99- 12.02	112075	14 70		05.99- 12.02	115504	12 1.1 A49
		05.99- 12.02	115482	14 90 A49				
	[AKL]	06.99- 08.02	112075	14 70		06.99- 12.02	115504	12 1.1 A49
		06.99- 12.02	115482	14 90 A49				
	[ALM]	06.99- 10.02	111353	14 70		06.99-	112307	12 1.1
		06.99- 10.02	111477	14 90				
		06.99-	112273	14 70				
	[APF]	06.99-	111989	14 90		06.99-	111909	12 1.1
		06.99- 10.02	112075	14 70		09.99- 10.00	115504	12 1.1 A49
		09.99- 10.00	115482	14 90 A49				
	[AUR]	06.99- 12.02	115482	14 90 A49		06.99- 12.02	115504	12 1.1 A49
	[BAH]	04.03-	113870	14 70		02.03-	113515	12 0.9
		AC 02.03-	112274	14 90		02.03-	112435	12 1.1
Cordoba 1.6 16V	[BTS]	11.06-	114769	14 110				
Cordoba 1.6 i	[1F]	05.94- 12.02	111352	14 70		09.96- 12.02	111909	12 1.1
		09.96-	111479	14 90		05.94- 12.02	111748	12 1.1
		AC 05.94- 12.02	111477	14 90		05.97- 12.02	115504	12 1.1 A49
	[ABU]	09.93- 07.94	111353	14 70		09.93- 07.94	111748	12 1.1
		09.93- 07.94	111477	14 90		09.93- 07.94	112307	12 1.1
	[AEE]	03.97-	111353	14 70		03.97-	112307	12 1.1
		AC 03.97-	111477	14 90				
	[AFT]	12.95-	111479	14 90		07.96-	111748	12 1.1
		04.97- 06.99	111352	14 70				
		PS 12.95- 11.02	111353	14 70				
		AC 12.95-	111477	14 90				
	[ALM]	09.97-	111353	14 70		09.97-	112307	12 1.1
		09.97-	111477	14 90				
		03.99- 12.02	112274	14 90				
		06.99-	112273	14 70				
		AC 09.97-	111477	14 90				
Cordoba 1.7 SDI	[AKU]	07.97-	112002	14 120 A47		07.97- 06.99	111904	12 1.8
		07.97-	112079	14 90 A47				
		07.97-	113340	14 70				
		07.97- 06.99	114797	14 120 A46				
		07.97- 06.99	115483	14 120 A49				
Cordoba 1.8 i	[ABS]	02.93-	111352	14 70		02.93-	111748	12 1.1
		02.93-	111479	14 90				
		AC 02.93-	111477	14 90				
	[ADZ]	02.93-	111352	14 70		10.96-	111909	12 1.1
		02.93-	111479	14 90		07.94- 09.96	111748	12 1.1
						11.95- 12.02	115504	12 1.1 A49
		AC 02.93-	111477	14 90		07.94-	112236	12 1.8
Cordoba 1.8 i 16V	[ADL]	09.93-	111353	14 70		09.93- 06.96	112236	12 1.8
		09.93- 08.96	111477	14 90		10.93- 08.96	111748	12 1.1
Cordoba 1.8 Turbo 20V Cupra	[AQX]	05.99- 10.00	112075	14 70		05.99- 10.00	112005	12 1.1
		05.99- 10.00	115482	14 90 A49				
		06.99-	111989	14 90				
Cordoba 1.9 Diesel	[1Y]	02.93- 08.96	111352	14 70	Chas. ZR775808-	02.93- 08.96	112286	12 1.7
		02.93- 08.96	111477	14 90				
Cordoba 1.9 SDI	[AEF]	08.96- 06.99	111353	14 70	Chas. 6K-ZR775808-	08.96-	112286	12 1.7
		08.96- 06.99	111828	14 120				
		Chas. -6KX026679	08.96- 05.98	111884	14 90			
		AC 08.96- 06.99	111477	14 90				
	[AEY]	08.96- 12.02	111353	14 70		08.96-	112286	12 1.7
		08.96-	111477	14 90				
		08.96- 03.99	111828	14 120				
		08.96- 05.99	111884	14 90				
		09.96-	111352	14 70				
		09.96- 06.99	112002	14 120 A47				
		09.96- 06.99	112079	14 90 A47				
		09.96- 06.99	114797	14 120 A46				
		03.99- 06.99	113340	14 70				
		03.99- 06.99	115483	14 120 A49				
		AC 08.96-	111477	14 90				
	[AGP]	06.99- 08.02	115483	14 120 A49		05.99- 10.02	112286	12 1.7
	[AQM]	06.99-	112002	14 120 A47		06.99- 10.02	112286	12 1.7
		06.99-	112079	14 90 A47				
		06.99-	113340	14 70				
		06.99- 10.02	114797	14 120 A46				
		06.99- 09.00	115483	14 120 A49				

## STARTERS & ALTERNATORS

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Application list

	[ASY]	09.02-09.02-09.02-09.02-09.02-	112002 112079 113340 114797 115483	14 120 A47 14 90 A47 14 70 14 120 A46 14 120 A49	Chas. -6L-5-090178 09.02-12.04 Chas. 6L-5-090179- 09.02-	112438 114062	12 2.0 12 1.7
Cordoba 1.9 TD	[AAZ]	02.93-08.96-02.93-08.96-02.93-08.96-09.93-AC 02.93-08.96	111352 111479 111828 111477 111477	14 70 14 90 14 120 14 90 14 90		112286	12 1.7
Cordoba 1.9 TDI	[1Z]	08.96-12.96-08.96-12.96-08.96-12.96	111828 111884 111988	14 120 14 90 14 120	08.96-12.96 08.96-12.96	115503 111900	12 1.8 A49 12 1.8
	[AFN]	03.97-03.97-03.97-03.97-05.98-03.97-07.97-06.99-03.99-06.99-AC 07.97-06.99-AC 07.97-06.99-AC 02.98-03.99-AC 03.99-06.99	111353 111477 111828 111884 111988 112079 115483 112002 114797 111828 113340	14 70 14 90 14 120 14 90 14 120 14 90 A47 14 120 A49 14 120 A47 14 120 A46 14 120 14 70	03.97-12.02 03.97- 03.97-	115503 111694 111900	12 1.8 A49 12 1.8 12 1.8
	[AGR]	06.99-06.99-06.99-06.99-06.99-12.02	112002 112079 113340 114797 115483	14 120 A47 14 90 A47 14 70 14 120 A46 14 120 A49	06.99-12.02 06.99-	115503 111900	12 1.8 A49 12 1.8
	[AHU]	08.96-12.02-08.96-05.98-08.96-12.02-08.96-10.02-03.99-05.01-06.99-	111828 111884 111988 112079 114797 115483 113340 112002	14 120 14 90 14 120 14 90 A47 14 120 A46 14 120 A49 14 70 14 120 A47	08.96-12.02 08.96-06.99 08.96-12.02	111900 114160 115503	12 1.8 12 1.8 12 1.8 A49
	[ALH]	06.99-06.99-06.99-06.99-06.99-05.01	112002 112079 113340 114797 115483	14 120 A47 14 90 A47 14 70 14 120 A46 14 120 A49	06.99- 06.99-05.01	111900 115503	12 1.8 12 1.8 A49
	[ASK]	05.99-06.99-10.02-06.99-10.02	112002 114797 115483	14 120 A47 14 120 A46 14 120 A49	06.99-10.02 06.99-10.02	111900 115503	12 1.8 12 1.8 A49
	[ASV]	05.99-10.02-06.99-10.02-06.99-10.02	113340 112079 115483	14 70 14 90 A47 14 120 A49	06.99-10.02 06.99-	115503 111900	12 1.8 A49 12 1.8
	[ASZ]	02.02-02.02-10.02-10.02-10.02-	113340 115483 112002 112079 114797	14 70 14 120 A49 14 120 A47 14 90 A47 14 120 A46	02.02- 10.02-	112429 113841	12 2.0 12 1.7
	[ATD]	09.02-09.02-09.02-09.02-09.02-	112002 112079 113340 114797 115483	14 120 A47 14 90 A47 14 70 14 120 A46 14 120 A49	10.02- 09.02- 12.04- 10.02-12.04	111900 113842 115508 115503	12 1.8 12 1.7 12 1.7 A49 12 1.8 A49
	[AXR]	09.02-	115483	14 120 A49	09.02-	115508	12 1.7 A49
	[BLT]	05.05-	115483	14 120 A49			
	[BMT]	09.02-	115483	14 120 A49	09.02-	115508	12 1.7 A49
Cordoba 2.0	[AZL]	09.02-09.02-09.02-04.05	111989 112075 115482	14 90 14 70 14 90 A49	09.02-10.04	112005	12 1.1
	[BBX]	04.03-04.03-	111989 115482	14 90 14 90 A49	04.03-	112005	12 1.1
Cordoba 2.0 i	[2E]	02.93-04.96-02.93-04.96-AC 02.93-04.96	111352 111479 111477	14 70 14 90 14 90	02.93-04.96	111748	12 1.1
	[AGG]	04.96-04.96-AC 04.96-	111352 111479 111477	14 70 14 90 14 90	10.96- 04.96-09.96 10.96-12.02	111909 111748 115504	12 1.1 12 1.1 12 1.1 A49
Cordoba 2.0 i 16V	[ABF]	08.96-12.02-08.96-12.02-AC 08.96-12.02	111353 111479 111477	14 70 14 90 14 90	08.96-12.99	111749	12 1.1
Exeo 1.6	[ALZ]				03.09-	114179	12 1.2
Exeo 1.6 ST	[ALZ]				06.09-	114179	12 1.2
Exeo 1.8	[CFMA]				03.09-	114179	12 1.2
Exeo 1.8 ST	[CFMA]				06.09-	114179	12 1.2
Exeo 2.0 TDI	[CGLB]	01.08-02.09-	114109 113992	14 180 14 140 A47	02.09-	114096	12 2.0
	[CJCA]	12.08-03.09-	113992 114109	14 140 A47 14 180	12.08-	114096	12 2.0
	[CJCC]	08.09-08.09-	113992 114109	14 140 A47 14 180	08.09-	114096	12 2.0
Exeo 2.0 TDI ST	[CGLB]	05.09-06.09-	113992 114109	14 140 A47 14 180	05.09-	114096	12 2.0
	[CJCA]	05.09-06.09-	113992 114109	14 140 A47 14 180	05.09-	114096	12 2.0

## STARTERS & ALTERNATORS

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	[CJCC]	06.09- 07.09-	114109 113992	14 180 14 140 A47		07.09-	114096	12 2.0	
Fura 0.9	[09NCA]					03.84- 12.86	110365	12 0.8	
	[100GL.7000]	03.84- 12.86	111078	14 45		03.84- 12.86	110365	12 0.8	
	[HB90]	09.81- 06.86	111078	14 45		01.82- 06.86	110365	12 0.8	
Ibiza 0.9	[09NCA]	08.90- 05.93	111078	14 45		08.90- 05.93	110365	12 0.8	
	[146A.000]	06.84- 05.93	111078	14 45		06.84- 05.93	110365	12 0.8	
Ibiza 1.0	[ALD]	PS 05.99- PS 05.99-	112273 112274	14 70 14 90		05.99-	112307	12 1.1	
	[ANV]	PS 05.99- 07.00	112273	14 70		05.99- 07.00	112307	12 1.1	
		PS 05.99- 07.00	112274	14 90					
	[AUC]	PS 07.00- 05.02	112273	14 70		07.00- 05.02	112307	12 1.1	
		PS 07.00- 05.02	112274	14 90					
	[AAU]	03.93- 09.96 03.93- 09.96	111288 112763	14 65 14 55		03.93- 09.96	111058	12 0.8	
Ibiza 1.0 16V	[AST]	PS 05.00- 02.02	112273	14 70		05.00- 02.02	112307	12 1.1	
		PS 05.00- 02.02	112274	14 90					
	[AVZ]	PS 05.00- 02.02	112273	14 70		05.00- 02.02	112307	12 1.1	
		PS 05.00- 02.02	112274	14 90					
Ibiza 1.0 i	[AER]	09.96- 10.99 PS 09.96- 10.99 PS 09.96- 10.99	111352 111353 111477	14 70 14 70 14 90		09.96- 08.99	112307	12 1.1	
Ibiza 1.2	[021A.1000]	06.84- 09.85	110358	14 55		11.84- 12.93	110365	12 0.8	
	[AZO]	11.01- 10.02	113253	14 90 ▲		02.02-	112435	12 1.1	
						02.02-	113515	12 0.9	
	[CGPA]	05.10-	113253	14 90		05.10-	114034	12 1.0	
Ibiza 1.2 i	[021C.1000]					01.89- 05.93	110365	12 0.8	
Ibiza 1.2 TSi	[CBZA]					A25 08.12- 08.12-	115401 114034	12 2.2 12 1.0	
	[CBZB]					A25 09.10- 09.10-	115401 114034	12 2.2 12 1.0	
Ibiza 1.2 TDi	[CFWA]					A25 04.10-	115336	12 2.2	
Ibiza 1.2 TDi Sportscope	[CFWA]					A25 05.10-	115336	12 2.2	
Ibiza 1.3 i	[AAV]	03.93- 07.94 03.93- 07.94	111288 112763	14 65 14 55		03.93- 07.94	111058	12 0.8	
Ibiza 1.4	[AKK]	08.99-	112274	14 90		08.99-	112307	12 1.1	
	[ANW]	05.99- 05.99-	112273 112274	14 70 14 90		08.99-	112307	12 1.1	
	[BXW]	03.08- 03.08-	112274 113870	14 90 14 70		03.08-	114034	12 1.0	
			113874	14 110					
	[CGGB]	03.08- 03.08- 03.08-	112274 113870 113874	14 90 14 70 14 110		03.08-	114034	12 1.0	
Ibiza 1.4 16V	[APE]	05.99- 05.99-	112273 112274	14 70 14 90		05.99-	112307	12 1.1	
	[AQQ]	08.99- 07.00 08.99- 07.00	112273 112274	14 70 14 90		08.99- 07.00	112307	12 1.1	
	[AUB]	AC 02.02- AC 02.02-	111989 112274	14 90 14 90					
	[BBY]	AC 02.02- AC 02.02-	111989 112274	14 90 14 90		AT 02.02- 5SP 02.02-	111823 112435	12 1.1 12 1.1	
	[BBZ]	AC 02.02- AC 02.02-	111989 112274	14 90 14 90		02.02-	112435	12 1.1	
	[BKY]					05.04- 12.07 05.04- 12.07 05.04- 12.07	112435 113515 115542*	12 1.1 12 0.9 12 1.1	
	Ibiza 1.4 i	[ABD]	09.93- 12.95 PS 09.93- 12.95	111352 111353	14 70 14 70		09.93- 12.95	112307	12 1.1
		[AEX]	12.95- 12.97 PS 12.95- 12.97 ACPS 12.95- 12.97	111352 111353 111477	14 70 14 70 14 90		12.95- 12.97	112307	12 1.1
		[AKV]	12.97- PS 12.97- ACPS 12.97-	111352 111353 111477	14 70 14 70 14 90		12.97-	112307	12 1.1
[APQ]		12.97- PS 12.97- ACPS 12.97-	111352 111353 111477	14 70 14 70 14 90		12.97-	112307	12 1.1	
Ibiza 1.4 i 16V	[AFH]	09.96- 08.99 AC 09.96- 08.99	111353 111477	14 70 14 90		09.96- 08.99	112307	12 1.1	
Ibiza 1.4 TSi	[CNUB]	06.09-	113861	14 110					
	[CTHE]	06.09-	113861	14 110					
	[CTHF]	06.09-	113861	14 110					
	[CTJB]	06.09-	113861	14 110					
	[CTJC]	06.09-	113861	14 110					
Ibiza 1.4 TSi ST	[CAVF]	02.12-	113861	14 110					
	[CNUB]	02.12-	113861	14 110					
	[CTHF]	02.12-	113861	14 110					
	[CTJB]	02.12-	113861	14 110					
Ibiza 1.4 TDi	[AMF]	05.02- 05.02-	113275 113873#	14 120 14 70		5SP 05.02- 05.02- 05.02- 10.04 11.04-	111900 113842 115503 115508	12 1.8 12 1.7 12 1.8 A49 12 1.7 A49	
	[BMS]	06.05- 06.05-	112079 113275	14 90 A47 14 120		06.05- 06.10 06.05-	115508 113842	12 1.7 A49 12 1.7	
	[BNM]	05.05-	113275	14 120		05.05-	114062	12 1.7	
	[BNV]	06.05- 06.05-	112079 113275	14 90 A47 14 120		06.05- 06.05-	113842 115508	12 1.7 12 1.7 A49	
	Ibiza 1.5	[021A.2000]	06.84- 08.85	110358	14 55				

## STARTERS &amp; ALTERNATORS

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Application list

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Ibiza 1.5 i	[021B.2000]				10.86- 05.93	110365	12	0.8
	[021C.2000]				10.86- 05.93	110365	12	0.8
Ibiza 1.6	[AEH]	05.99- 05.02	115482	14 90 A49	05.99- 05.02	115504	12	1.1 A49
	[AKL]	05.99- 05.02	115482	14 90 A49	05.99- 05.02	115504	12	1.1 A49
	[ALM]	09.97- 02.02	112273	14 70	09.97- 02.02	112307	12	1.1
		09.97- 02.02	112274	14 90				
	[APF]	08.99-	111989	14 90	08.99- 10.00	115504	12	1.1 A49
		08.99-	112075	14 70	08.99-	111909	12	1.1
		08.99- 10.00	115482	14 90 A49				
	[AUR]	07.00- 05.02	115482	14 90 A49	07.00- 05.02	115504	12	1.1 A49
	[BAH]	AC 02.03-	112274	14 90	02.03-	113515	12	0.9
	[BTS]	05.08-	114769	14 110	05.08-	114034	12	1.0
Ibiza 1.6 Sportscoupe	[BTS]	07.08-	114769	14 110	07.08-	114034	12	1.0
Ibiza 1.6 16V	[BTS]	11.06-	114769	14 110	11.06-	113773	12	1.1
Ibiza 1.6 i	[1F]	05.94- 08.99	111352	14 70	05.94- 08.99	111748	12	1.1
		05.94- 08.99	111479	14 90				
		AC 05.94- 08.99	111477	14 90				
	[ABU]	03.93- 07.94	111353	14 70	03.93- 07.94	112307	12	1.1
		03.93- 07.94	111477	14 90				
	[AEE]	03.97- 12.98	111353	14 70	03.97- 12.98	112307	12	1.1
		AC 03.97- 12.98	111477	14 90				
	[AFT]	04.96-	111352	14 70	04.96-	112307	12	1.1
		04.96-	111479	14 90	04.96-	111748	12	1.1
					12.95- 10.99	115504	12	1.1 A49
		AC 04.96-	111477	14 90	04.96-	111909	12	1.1
	[ALM]	09.97- 05.02	112273	14 70	09.97- 05.02	112307	12	1.1
		09.97- 05.02	112274	14 90				
		Chas. -6K-X-399999 09.97- 05.02	111353	14 70				
		Chas. -6K-X-399999 09.97- 05.02	111477	14 90				
Ibiza 1.6 LPG	[CNKA]	05.11-	114769	14 110	05.11-	114034	12	1.0
Ibiza 1.6 TDi	[CAYB]	05.09-	113992	14 140 A47	A25 05.09-	115336	12	2.2
		03.10-	115370	14 110				
	[CAYC]	05.09-	113992	14 140 A47	A25 05.09-	115336	12	2.2
	[CLNA]	03.10-	113992	14 140 A47	A25 03.10-	115336	12	2.2
		03.10-	115370	14 110				
Ibiza 1.7	[021A.3000]				01.91- 05.93	111619	12	1.7
Ibiza 1.7 Diesel	[022A.5000]	06.84- 05.93	110912	14 55				
		06.84- 05.93	111138	14 45				
Ibiza 1.8 i	[ABS]	03.93- 07.94	111352	14 70	03.93- 07.94	111748	12	1.1
		03.93- 07.94	111479	14 90				
		AC 03.93- 07.94	111477	14 90				
	[ADZ]	07.94- 10.99	111352	14 70	11.95- 10.99	111909	12	1.1
		07.94- 10.99	111479	14 90	07.94- 11.95	111748	12	1.1
		AC 07.94- 10.99	111353	14 70	11.95- 10.99	115504	12	1.1 A49
		AC 07.94- 10.99	111477	14 90				
Ibiza 1.8 i 16V	[ADL]	09.93- 08.96	111353	14 70	11.93- 08.96	111748	12	1.1
		09.93- 08.96	111477	14 90				
Ibiza 1.8 Turbo 20V Cupra	[AQX]	07.00- 02.02	112079	14 90 A47	10.99- 10.00	112005	12	1.1
		10.99- 10.00	111989	14 90				
		10.99- 10.00	115482	14 90 A49				
	[AYP]	09.00- 05.02	115482	14 90 A49	09.00- 05.02	112005	12	1.1
		08.99-	111989	14 90				
		08.99-	112075	14 70				
Ibiza 1.8 Turbo Cupra R	[BBU]	01.04- 04.05	111989	14 90	01.04- 04.05	114163	12	1.1
		01.04-	112002	14 120 A47				
		01.04- 04.05	112075	14 70				
		01.04-	114797	14 120 A46				
		01.04- 04.05	115482	14 90 A49				
		01.04- 04.05	115483	14 120 A49				
Ibiza 1.8 Turbo FR	[BJX]	12.03-	111989	14 90	12.03-	112005	12	1.1
		12.03-	112075	14 70				
		12.03-	115482	14 90 A49				
	[BKV]	12.03-	111989	14 90	12.03-	112005	12	1.1
		12.03-	112075	14 70				
		12.03-	115482	14 90 A49				
Ibiza 1.9 Diesel	[1Y]	03.93- 08.96	111352	14 70	Chas. ZR199605- 04.93- 08.96	112286	12	1.7
		03.93- 08.96	111479	14 90	10.94- 08.96	113387	12	2.0
		AC 03.93- 08.96	111477	14 90				
Ibiza 1.9 SDi	[AEF]	08.96- 08.99	111353	14 70	12.95- 10.99	112286	12	1.7
		08.96- 08.99	111477	14 90				
		08.96- 08.99	111828	14 120				
		08.96- 05.98	111884	14 90				
	[AEY]	12.95- 10.99	111353	14 70	12.95- 10.99	112286	12	1.7
		12.95- 10.99	111477	14 90				
		12.95- 10.99	111884	14 90				
		AC 12.95- 10.99	111477	14 90				
	[AGP]	05.99- 05.02	115483	14 120 A49	05.99- 01.02	112286	12	1.7
	[AQM]	05.99- 05.02	115483	14 120 A49	05.99- 01.02	112286	12	1.7
		08.99-	112002	14 120 A47				
		08.99-	112079	14 90 A47				
		08.99-	113340	14 70				
		08.99- 02.02	114797	14 120 A46				
	[ASY]	02.02-	112002	14 120 A47	Chas. -6L-5D090015, 02.02- 11.04 -6L-5R090178	112438	12	2.0
		02.02-	112079	14 90 A47	5SP 02.02-	112435	12	1.1
		02.02-	113340	14 70	Chas. 6L-5D090016-, 6L- 02.02- 5R090179-	114062	12	1.7
		02.02-	114797	14 120 A46				
		02.02-	115483	14 120 A49				

STARTERS & ALTERNATORS

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Ibiza 1.9 TD	[AAZ]	03.93- 08.96	111352	14 70	Chas. ZR135501	03.93- 08.96	112286	12 1.7	
		03.93- 08.96	111479	14 90		08.95-	111751	12 1.0	
		AC 03.93- 08.96	111477	14 90					
Ibiza 1.9 TDi	[1Z]	08.96- 12.96	111828	14 120		08.96- 12.96	115503	12 1.8 A49	
		08.96- 12.96	111884	14 90		08.96- 12.96	111900	12 1.8	
		08.96- 12.96	111988	14 120					
	[AFN]	02.97- 08.99	111828	14 120		02.97- 08.99	115503	12 1.8 A49	
		02.97- 05.98	111884	14 90		02.97- 08.99	111900	12 1.8	
		02.97- 08.99	111988	14 120					
	[AGR]	05.99- 05.02	113340	14 70		08.99- 02.02	111900	12 1.8	
		05.99- 05.02	115483	14 120 A49		05.99- 05.02	115503	12 1.8 A49	
		08.99- 02.02	112002	14 120 A47					
		08.99- 02.02	112079	14 90 A47					
		08.99- 02.02	114797	14 120 A46					
	[AHU]	12.96- 08.99	111828	14 120		08.96- 08.99	114160	12 1.8	
		12.96- 05.98	111884	14 90		03.97-	111694	12 1.8	
		12.96- 08.99	111988	14 120		12.96- 08.99	111900	12 1.8	
						12.96- 08.99	115503	12 1.8 A49	
	[ALH]	05.99- 05.02	113340	14 70		08.99- 02.02	111900	12 1.8	
		05.99- 05.02	115483	14 120 A49		05.99- 05.02	115503	12 1.8 A49	
		08.99- 02.02	112002	14 120 A47					
		08.99- 02.02	112079	14 90 A47					
		08.99- 02.02	114797	14 120 A46					
	[ASK]	08.99- 112002	14 120 A47			08.99- 02.02	111900	12 1.8	
		08.99- 02.02	114797	14 120 A46		08.99- 02.02	115503	12 1.8 A49	
		08.99- 02.02	115483	14 120 A49					
	[ASV]	05.99- 05.02	113340	14 70		05.99- 05.02	115503	12 1.8 A49	
		05.99- 05.02	115483	14 120 A49		08.99- 02.02	111900	12 1.8	
		08.99- 02.02	112079	14 90 A47					
	[ASZ]	02.02-	112002	14 120 A47		02.02-	112429	12 2.0	
		02.02-	112079	14 90 A47		02.02-	113841	12 1.7	
		02.02-	113340	14 70					
		02.02-	114797	14 120 A46					
		02.02-	115483	14 120 A49					
	[ATD]	02.02-	112002	14 120 A47		02.02-	113842	12 1.7	
		02.02-	112079	14 90 A47		12.04-	115508	12 1.7 A49	
		02.02-	113340	14 70		02.02-	111900	12 1.8	
		02.02-	114797	14 120 A46		02.02- 12.04	115503	12 1.8 A49	
		02.02-	115483	14 120 A49					
	[AXR]	05.05-	115483	14 120 A49		05.05-	115508	12 1.7 A49	
						05.05-	115503	12 1.8 A49	
	[BLS]	03.08- 06.10	115483	14 120 A49		03.08- 06.10	115508	12 1.7 A49	
	[BLT]	05.05-	115483	14 120 A49					
	[BMT]	05.05-	115483	14 120 A49		05.05-	115503	12 1.8 A49	
						05.05-	115508	12 1.7 A49	
	[BXJ]	07.08- 06.10	115483	14 120 A49		07.08- 06.10	115508	12 1.7 A49	
	Ibiza 1.9 TDi Cupra R	[BPX]	03.04-	112002	14 120 A47		03.04- 10.04	112429	12 2.0
			03.04-	112079	14 90 A47		03.04-	113841	12 1.7
			03.04-	113340	14 70				
			03.04-	114797	14 120 A46				
			03.04-	115483	14 120 A49				
		[BUK]	03.04-	115483	14 120 A49				
Ibiza 1.9 TDi Spotscoupe	[BLS]	07.08- 06.10	115483	14 120 A49		07.08- 06.10	115508	12 1.7 A49	
Ibiza 2.0 i	[2E]	03.93- 04.96	111352	14 70		03.93- 04.96	111748	12 1.1	
		03.93- 04.96	111479	14 90					
		AC 03.93- 04.96	111477	14 90					
	[AGG]	04.96- 10.99	111352	14 70		04.96- 10.99	111909	12 1.1	
		04.96- 10.99	111479	14 90		04.96- 10.99	115504	12 1.1 A49	
	AC 04.96- 10.99	111477	14 90						
Ibiza 2.0 i 16V	[ABF]	08.96- 08.99	111353	14 70		08.96- 08.99	111749	12 1.1	
		08.96- 08.99	111479	14 90					
		AC 08.96- 08.99	111477	14 90					
Ibiza 2.0 TDi	[CFHD]	01.10-	113992	14 140 A47		01.10-	113841	12 1.7	
		01.10-	115370	14 110		A25 01.10-	115402	12 1.8	
Ibiza 2.0 TDi Sportcoupe	[CFHD]	01.10-	113992	14 140 A47		01.10-	113841	12 1.7	
		01.10-	115370	14 110		A25 01.10-	115402	12 1.8	
Inca 1.4 16V	[AUA]	04.00-	112273	14 70		04.00-	112307	12 1.1	
		04.00-	112274	14 90					
Inca 1.4 i	[AEX]	11.95-	111352	14 70		11.95-	112307	12 1.1	
		11.95-	111479	14 90					
		PS 11.95-	111353	14 70					
		PS 11.95-	111477	14 90					
	[AKV]	09.97-	111352	14 70		11.95-	112307	12 1.1	
		09.97-	111353	14 70					
		09.97-	111479	14 90					
		PS 09.97-	111353	14 70					
		PS 09.97-	111477	14 90					
[APO]	12.97- 06.03	111352	14 70		12.97- 06.03	112307	12 1.1		
	PS 12.97- 06.03	111353	14 70						
	PS 12.97- 06.03	111477	14 90						
[AUD]	09.00-	112273	14 70		09.00- 06.03	112307	12 1.1		
	09.00-	112274	14 90						
Inca 1.6 i	[1F]	11.95- 05.97	111352	14 70		11.95- 05.97	111748	12 1.1	
		11.95- 05.97	111479	14 90					
		AC 11.95- 05.97	111477	14 90					



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	[AEE]	06.97- 06.97- 09.00 06.97- PS 06.97- AC 06.97- 09.00	111352 111353 111479 111353 111477	14 70 14 70 14 90 14 70 14 90	06.97- 06.97- 09.00	111823 112307	12 1.1 12 1.1
Inca 1.7 Diesel	[AHB]	09.96- 09.00 09.96- 09.00	111828 111884	14 120 14 90	09.96- 09.00	112286	12 1.7
Inca 1.9 Diesel	[1Y]	11.95- 11.95-	111352 111477	14 70 14 90	11.95-	112286	12 1.7
Inca 1.9 SDi	[AEY]	11.95- 11.95- AC 11.95-	111352 111477 111477	14 70 14 90 14 90	11.95-	112286	12 1.7
	[AYQ]	09.00- 09.00- 09.00- 09.00- 09.00- 06.03	112002 112079 113340 114797 115483	14 120 A47 14 90 A47 14 70 14 120 A46 14 120 A49	11.95-	112286	12 1.7
Inca 1.9 TDi	[ALH]	09.96-	111477	14 90	09.96- 09.96-	111900 115503	12 1.8 12 1.8 A49
Leon 1.2 TSi	[CBZB]				02.10-	114175	12 1.1
Leon 1.4 16V	[AHW]	12.99- 05.02 12.99- 05.02 AC 12.99- 05.02	112075 115482 111989	14 70 14 90 A49 14 90	11.99- 11.99-	115504 111909	12 1.1 A49 12 1.1
	[APE]	11.99- 11.99- 11.99- AC 11.99-	111989 112075 115482 111989	14 90 14 70 14 90 A49 14 90	11.99- 11.99-	111909 115504	12 1.1 12 1.1 A49
Leon 1.4 16V	[AXP]	06.00- 02.02 11.99-	115482 111989	14 90 A49 14 90	11.99- 11.99-	115504 111909	12 1.1 A49 12 1.1
	[BCA]	02.02- 04.04	115482	14 90 A49	11.99- 11.99- 02.04	111909 115504	12 1.1 12 1.1 A49
	[CAXC]	11.07-	113861	14 110	11.07- A25 11.07- A44 11.07-	114163 115338 115337	12 1.1 12 2.0 12 2.0
Leon 1.6	[AEH]	10.99- 10.99- 10.99-	111989 112075 115482	14 90 14 70 14 90 A49	10.99- 10.99-	115504 111909	12 1.1 A49 12 1.1
	[AKL]	10.99- 10.99- 10.99-	111989 112075 115482	14 90 14 70 14 90 A49	10.99- 10.99-	111909 115504	12 1.1 12 1.1 A49
Leon 1.6	[BFQ]	10.05- 06.06 10.05- 06.06	115482 115483	14 90 A49 14 120 A49	10.05- 06.06	115504	12 1.1 A49
	[BSE]	09.05- 09.05-	113992 115482	14 140 A47 14 90 A49	09.05-	113773	12 1.1
	[BSF]	09.05-	113992	14 140 A47	09.05-	113773	12 1.1
Leon 1.6 16V	[AUS]	06.00- 06.00- 04.01 11.99- AC 11.99-	111989 115482 112075 111989	14 90 14 90 A49 14 70 14 90	06.00- 04.01 11.99-	115504 111909	12 1.1 A49 12 1.1
	[AZD]	06.00- 09.00- 04.02 11.99- AC 11.99-	111989 115482 112075 111989	14 90 14 90 A49 14 70 14 90	11.99- 09.00- 04.02	111909 115504	12 1.1 12 1.1 A49
Leon 1.6 16V	[BCB]	06.00- 04.02- 07.04 11.99- AC 11.99-	111989 115482 112075 111989	14 90 14 90 A49 14 70 14 90	11.99- 04.02- 07.04	111909 115504	12 1.1 12 1.1 A49
	[CHGA]	12.09-	113992	14 140 A47			
	[CMXA]	11.10-	113992	14 140	11.10- 11.10-	113773 114176	12 1.1 12 1.0
Leon 1.6 TDi	[CAYB]	11.10-	113992	14 140 A47	11.10- A25 11.10-	114299 115336	12 1.7 12 2.2
	[CAYC]				A25 02.10- AT 02.10- 02.10-	115336 115376 114299	12 2.2 12 1.8 12 1.7
Leon 1.8 20V	[AGN]	10.99- 10.99- 10.99- 11.99-	111989 112075 115482 115483	14 90 14 70 14 90 A49 14 120 A49	10.99- AT 10.99- 10.99-	112005 111909 115504	12 1.1 12 1.1 12 1.1 A49
	[APG]	11.99- 11.99- 12.99- 07.04 12.99- 07.04	112002 114797 115482 115483	14 120 A47 14 120 A46 14 90 A49 14 120 A49	10.99- 12.99- 07.04	112005 115504	12 1.1 12 1.1 A49
Leon 1.8 TSi	[BZB]				06.07-	114163	12 1.1
Leon 1.8 Turbo	[APP]	10.99- 10.99- 10.99- 11.99- 11.99- 12.99-	111989 112075 115482 112002 114797 115483	14 90 14 70 14 90 A49 14 120 A47 14 120 A46 14 120 A49	10.99- AT 10.99- 10.99-	112005 111909 115504	12 1.1 12 1.1 12 1.1 A49
	[AUQ]	09.00- 10.99- 11.99- 11.99-	115483 115482 112002 114797	14 120 A49 14 90 A49 14 120 A47 14 120 A46	09.00- 04.04 Chas. -1M..2..020 09.00- 07.01 000 11.99-	115504 112429 114174	12 1.1 A49 12 2.0 12 1.1
Leon 1.8 Turbo 20V 4 Syncro	[AJQ]	03.00- 01.01 10.99- 10.99-	115482 111989 112075	14 90 A49 14 90 14 70	10.99- AT 10.99- 11.99- 03.00- 01.01	112005 111909 112429 115504	12 1.1 12 1.1 12 2.0 12 1.1 A49





	[ARY]	09.00- 04.04	115482	14 90 A49		09.00- 04.04	115504	12 1.1	A49
		09.00- 04.04	115483	14 120 A49		10.99-	112005	12 1.1	
		10.99-	111989	14 90		AT 10.99-	111909	12 1.1	
		10.99-	112075	14 70		11.99-	112429	12 2.0	
		11.99-	112002	14 120 A47		11.99-	114174	12 1.1	
		11.99-	114797	14 120 A46					
Leon 1.9 SDI	[AQM]	11.99-	112002	14 120 A47	Chas. -1M..2..020	12.99- 07.01	112286	12 1.7	
		11.99-	112079	14 90 A47		000			
		11.99-	114797	14 120 A46					
		11.99- 10.03	115483	14 120 A49					
Leon 1.9 TDi	[AGR]	12.99- 09.02	115483	14 120 A49		10.99- 12.99- 09.02	111900	12 1.8	
							115503	12 1.8	A49
	[AHF]	10.99-	115483	14 120 A49		10.99-	111900	12 1.8	
		11.99-	112002	14 120 A47		10.99-	115503	12 1.8	A49
		11.99-	114797	14 120 A46					
	[ALH]	10.99-	113340	14 70		10.99-	115503	12 1.8	A49
		10.99-	115483	14 120 A49		AT 10.99-	112286	12 1.7	
		11.99-	112002	14 120 A47		10.99-	111900	12 1.8	
		11.99-	112079	14 90 A47					
		11.99-	114797	14 120 A46					
	[ARL]	09.00- 07.04	115483	14 120 A49		09.00- 07.04	112429	12 2.0	
		02.01-	112002	14 120 A47					
		02.01-	112079	14 90 A47					
		02.01-	114797	14 120 A46					
	[ASV]	10.99-	115483	14 120 A49		10.99-	115503	12 1.8	A49
		11.99-	112002	14 120 A47		10.99-	111900	12 1.8	
		11.99-	112079	14 90 A47					
		11.99-	114797	14 120 A46					
	[ASZ]	05.03-	112002	14 120 A47		05.03- 07.04	112429	12 2.0	
		05.03-	112079	14 90 A47					
		05.03-	114797	14 120 A46					
		05.03- 07.04	115483	14 120 A49					
	[AXR]	10.05-	112002	14 120 A47		10.05-	115503	12 1.8	A49
		10.05-	112079	14 90 A47					
		10.05-	114797	14 120 A46					
		10.05-	115483	14 120 A49					
	[BKC]	09.05-	113992	14 140 A47		09.05-	113842	12 1.7	
		09.05-	115370	14 110		09.05-	115508	12 1.7	A49
	[BLS]	09.05-	113992	14 140 A47		AT7S 09.05-	115376	12 1.8	
		09.05-	115370	14 110		09.05-	115508	12 1.7	A49
						09.05-	113842	12 1.7	
	[BXE]	09.05-	113992	14 140 A47		09.05-	115508	12 1.7	A49
		09.05-	115370	14 110					
	[BXF]	06.07-	113992	14 140 A47		06.07-	115508	12 1.7	A49
		06.07-	115370	14 110					
Leon 1.9 TDi Syncro	[ARL]	05.02-	112002	14 120 A47		05.02- 07.04	112429	12 2.0	
		05.02-	112079	14 90 A47					
		05.02-	114797	14 120 A46					
		05.02- 07.04	115483	14 120 A49					
Leon 2.0 FSi	[BLR]	09.05-	113992	14 140 A47		09.05-	113773	12 1.1	
						09.05-	114163	12 1.1	
	[BLY]	09.05-	113992	14 140 A47		09.05-	113773	12 1.1	
						09.05-	114163	12 1.1	
	[BVY]	09.05-	113992	14 140 A47		09.05-	113773	12 1.1	
						11.05-	114163	12 1.1	
	[BVZ]	09.05-	113992	14 140 A47		09.05-	113773	12 1.1	
						09.05-	114163	12 1.1	
Leon 2.0 TFSi	[BWA]	09.05-	113992	14 140 A47		09.05-	113773	12 1.1	
						AT 09.05-	115333	12 1.0	
	[BWJ]	11.06-	113992	14 140 A47		11.06-	113773	12 1.1	
	[CDLA]	09.09-	113992	14 140 A47					
Leon 2.0 TDi	[AZV]	10.05-	113992	14 140 A47					
		10.05-	115370	14 110					
	[BMM]	10.05-	113992	14 140 A47		10.05-	113841	12 1.7	
		10.05-	115370	14 110					
	[BMN]	02.06-	113992	14 140 A47		02.06-	113841	12 1.7	
		02.06-	115370	14 110					
	[CRVA]					A25 05.13-	115402	12 1.8	
Leon 2.0 TDi 16V	[BKD]	09.05-	113992	14 140 A47		AT 09.05-	113509	12 2.0	
		09.05-	115370	14 110		09.05-	115311	12 1.7	
						09.05-	113841	12 1.7	
Leon Cupra 4 2.8 Cupra 4	[AUE]	02.01-	112002	14 120 A47		02.01-	112429	12 2.0	
		02.01-	112079	14 90 A47					
		02.01-	114797	14 120 A46					
		02.01-	115483	14 120 A49					
Leon Cupra R 1.8 Turbo Cupra R	[AMK]	02.02-	112002	14 120 A47		02.02-	114174	12 1.1	
		02.02-	114797	14 120 A46					
		05.02- 05.03	111989	14 90					
		05.02- 05.03	115482	14 90 A49					
		05.02- 05.03	115483	14 120 A49					
	[BAM]	05.03-	111989	14 90		07.03-	114174	12 1.1	
		05.03-	115482	14 90 A49					
		05.03-	115483	14 120 A49					
		07.03-	112002	14 120 A47					
		07.03-	114797	14 120 A46					
Leon SC 2.0 TDi	[CKFC]					A25 02.13-	115402	12 1.8	
	[CRVC]					05.13-	115402	12 1.8	
	[CUNA]					A25 03.13-	115402	12 1.8	
	[CUPA]					A25 03.13-	115402	12 1.8	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

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Malaga 1.2	[021A.1000]	05.85- 08.85	110358	14 55	05.85- 12.93	110365	12 0.8	
Malaga 1.2 i	[021C.1000]	05.85- 12.93	111138	14 45	12.89- 12.93	110365	12 0.8	
		09.85- 12.93	110912	14 55				
Malaga 1.5	[021A.2000]	05.85- 08.85	110358	14 55	05.85- 12.93	110365	12 0.8	
Malaga 1.5 i	[021A.2000]				10.86- 12.93	110365	12 0.8	
	[021B.2000]				01.87- 12.93	110365	12 0.8	
	[021C.2000]				10.86- 12.93	110365	12 0.8	
	[021D.2000]	05.85- 12.93	111138	14 45	10.86- 12.93	110365	12 0.8	
		09.85- 12.93	110912	14 55				
Malaga 1.7 Diesel	[022A.5000]	05.85- 12.93	110912	14 55				
		05.85- 12.93	111138	14 45				
Marbella 0.8	[08NCA]	08.86- 12.93	111078	14 45	08.86- 12.93	110365	12 0.8	
Marbella 0.9	[08NCB]	11.96- 10.98	111138	14 45	11.96- 10.98	110365	12 0.8	
	[09NCA]	01.87- 12.93	111078	14 45	01.87- 12.93	110365	12 0.8	
	[09NCB]	01.87- 02.97	111078	14 45	01.87- 02.97	110365	12 0.8	
Panda 0.9	[100GL.7000]				09.82- 12.86	110365	12 0.8	
Ronda 1.2	[021A.1000]	05.84- 08.85	110358	14 55				
	[124B6.000]	11.82- 12.83	111138	14 45				
		01.84- 04.84	110358	14 55				
Ronda 1.4	[124B7.000]	11.82- 12.83	111138	14 45				
		05.84- 08.85	110358	14 55				
Ronda 1.5	[021A.2000]	05.84- 08.85	110358	14 55				
Ronda 1.6	[138AR6.000]				06.82- 10.82	111106	12 1.0	
Ronda 1.7 Diesel	[022A.5000]	06.82- 12.86	110912	14 55				
		09.85- 12.86	111138	14 45				
Terra 0.9	[09NCA]	01.87- 12.96	111078	14 45	01.87- 12.96	110365	12 0.8	
	[09NCB]	01.90- 12.95	111078	14 45	01.90- 12.95	110365	12 0.8	
Terra 1.4 Diesel	[1W]	10.90- 12.95	112763	14 55				
Toledo 1.2	[CGPC]	07.12-	113253	14 90	07.12-	114034	12 1.0	
Toledo 1.2 TSI	[CBZA]				A25 07.12-	115401	12 2.2	
					07.12-	114034	12 1.0	
	[CBZB]				A25 07.12-	115401	12 2.2	
					07.12-	114034	12 1.0	
Toledo 1.4 16V	[AHW]	07.99-	111989	14 90	07.99- 05.02	115504	12 1.1 A49	
		07.99-	112075	14 70	07.99-	111909	12 1.1	
		07.99- 05.02	115482	14 90 A49				
		AC 07.99-	111989	14 90				
		AC 07.99-	112075	14 70				
	[AXP]	06.00- 02.02	115482	14 90 A49	07.99-	111909	12 1.1	
					06.00- 02.02	115504	12 1.1 A49	
Toledo 1.4 TSI	[CAXA]	07.12-	113861	14 110				
Toledo 1.6	[AEH]	04.99-	111989	14 90	04.99- 05.02	115504	12 1.1 A49	
		04.99-	112075	14 70	04.99-	111909	12 1.1	
		04.99- 05.02	115482	14 90 A49				
	[AKL]	04.99-	111989	14 90	04.99- 05.02	115504	12 1.1 A49	
		04.99-	112075	14 70	04.99-	111909	12 1.1	
		04.99- 05.02	115482	14 90 A49				
	[BGU]	10.04-	113992	14 140 A47	AT 10.04-	113773	12 1.1	
	[BSE]	10.04-	113992	14 140 A47	AT 10.04-	113773	12 1.1	
		10.04-	115482	14 90 A49				
	[BSF]	10.04-	113992	14 140 A47	AT 10.04-	113773	12 1.1	
		10.04-	115482	14 90 A49				
	[CCSA]	12.07-	113992	14 140 A47				
	[CFNA]	07.13-	114769	14 110	07.13-	114034	12 1.0	
Toledo 1.6 16V	[AUS]	09.00- 05.06	115482	14 90 A49	09.00-	111909	12 1.1	
					09.00- 05.06	115504	12 1.1 A49	
	[AZD]	09.00-	111989	14 90	09.00- 05.06	115504	12 1.1 A49	
		09.00- 05.06	115482	14 90 A49	09.00-	111909	12 1.1	
		AC 09.00-	111989	14 90				
Toledo 1.6 i	[1F]	05.91- 12.93	112149	14 65	05.91- 10.98	111748	12 1.1	
		10.93- 10.98	111352	14 70	05.91- 10.98	111059	12 0.9	
		10.93- 10.98	111479	14 90				
	Chas. -ZD304850	05.91- 12.93	112149	14 65				
		AC 10.93- 10.98	111477	14 90				
	[ABN]	10.93- 07.94	111352	14 70	05.91- 07.94	111059	12 0.9	
		10.93- 07.94	111479	14 90	05.91- 07.94	111748	12 1.1	
	Chas. -ZD304850	05.91- 10.93	112149	14 65				
		AC 10.93- 07.94	111477	14 90				
	[AFT]	11.96- 10.98	111353	14 70	11.96-	111748	12 1.1	
		11.96- 10.98	111477	14 90				
	[EZ]	Chas. -ZD304850	05.91- 09.91	112149	14 65	05.91- 09.91	111059	12 0.9
Toledo 1.6 TDI	[CAYC]	07.12-	113992	14 140 A47	07.12-	114299	12 1.7	
		07.12-	115370	14 110				
	[CLNA]	07.12-	113992	14 140 A47	07.12-	114299	12 1.7	
		07.12-	115370	14 110				
Toledo 1.8 16V	[KR]	05.91- 11.92	111160#	14 65	05.91- 11.92	111748	12 1.1	
		05.91- 11.92	112750	14 90				
	[PL]	05.91- 03.94	111160#	14 65	05.91- 03.94	111748	12 1.1	
		05.91- 03.94	112750	14 90				
Toledo 1.8 20V	[AGN]	04.99-	111989	14 90	04.99-	112005	12 1.1	
		04.99-	112075	14 70	AT 04.99-	111909	12 1.1	
		04.99- 05.06	115482	14 90 A49	04.99- 05.06	115504	12 1.1 A49	
	[APG]	04.99- 05.06	112002	14 120 A47	05.99- 05.06	115504	12 1.1 A49	
		04.99- 05.06	114797	14 120 A46				
		05.99- 05.06	115482	14 90 A49				
		05.99- 05.06	115483	14 120 A49				
Toledo 1.8 i	[ABS]	11.93- 07.94	111352	14 70	11.93- 07.94	111748	12 1.1	
		11.93- 07.94	111477	14 90				
		11.93- 07.94	111479	14 90				



[ADZ]		07.94- 12.96	111352	14 70		07.94- 12.96	111748	12 1.1
		07.94- 12.96	111477	14 90				
		07.94- 12.96	111479	14 90				
[RP]	Chas. ZD304851-	10.93- 12.96	111352	14 70		05.91- 12.96	111748	12 1.1
	Chas. ZD304851-	10.93- 12.96	111479	14 90				
	Chas. -ZD304850	05.91- 10.93	112149	14 65				
	AC, Chas. ZD304851-	10.93- 12.96	111477	14 90				
Toledo 1.8 TFSi	[BYT]					01.07- 06.07	114163	12 1.1
Toledo 1.8 Turbo 20V	[AUQ]	05.01-	111989	14 90	Chas. -1M-2-020000	05.01-	112429	12 2.0
		05.01-	112002	14 120 A47		05.01- 05.06	114174	12 1.1
		05.01- 05.06	114797	14 120 A46				
		05.01- 05.06	115482	14 90 A49				
		05.01- 05.06	115483	14 120 A49				
Toledo 1.9 Diesel	[1Y]	05.91- 10.93	111154	14 65		05.91- 10.98	112286	12 1.7
		10.93- 10.98	111352	14 70				
		10.93- 10.98	111479	14 90				
	AC	10.93- 10.98	111477	14 90				
Toledo 1.9 SDi	[AQM]	11.99- 06.04	113340	14 70		11.99- 06.04	112286	12 1.7
		11.99- 06.04	114797	14 120				
		11.99- 06.04	115483	14 120 A49				
Toledo 1.9 TD	[AAZ]	05.91- 10.93	111154	14 65		05.91- 04.97	112286	12 1.7
		10.93- 04.97	111352	14 70				
		10.93- 04.97	111479	14 90				
	AC	10.93- 04.97	111477	14 90				
Toledo 1.9 TDi	[1Z]	08.95-	111828	14 120		08.95-	111900	12 1.8
						08.95-	111751	12 1.0
						11.94- 10.98	115503	12 1.8 A49
	[AFN]	11.96- 03.99	111828	14 120		11.96- 03.99	115503	12 1.8 A49
		11.96- 06.98	111884	14 90		11.96-	111900	12 1.8
		11.96- 03.99	111988	14 120		11.96-	111694	12 1.8
	[AGR]	04.99- 05.06	112002	14 120 A47		AT 04.99- 09.02	112286	12 1.7
		04.99- 05.06	112079	14 90 A47		04.99- 05.06	115503	12 1.8 A49
		04.99- 05.06	114797	14 120 A46				
		04.99- 05.06	115483	14 120 A49				
	[AHF]	04.99-	112002	14 120 A47		AT 04.99-	112286	12 1.7
		04.99-	112079	14 90 A47		04.99-	111900	12 1.8
		04.99-	113340	14 70		04.99- 09.02	115503	12 1.8 A49
		04.99- 05.06	114797	14 120 A46				
		04.99- 09.02	115483	14 120 A49				
	[AHU]	06.96-	111828	14 120		06.96-	111900	12 1.8
		06.96-	111884	14 90		08.96- 10.98	115503	12 1.8 A49
		06.96-	111988	14 120				
	[ALH]	04.99- 05.06	112002	14 120 A47		AT 04.99- 07.04	112286	12 1.7
		04.99- 05.06	112079	14 90 A47		04.99- 05.06	115503	12 1.8 A49
		04.99- 05.06	114797	14 120 A46				
		04.99- 05.06	115483	14 120 A49				
	[ARL]	10.00- 05.06	112002	14 120 A47		10.00- 07.04	112429	12 2.0
		10.00- 05.06	112079	14 90 A47				
		10.00- 05.06	114797	14 120 A46				
		10.00- 05.06	115483	14 120 A49				
	[ASV]	05.99- 12.03	115483	14 120 A49		05.99- 12.03	115503	12 1.8 A49
	[ASZ]	05.03- 05.06	112002	14 120 A47		05.03- 07.04	112429	12 2.0
		05.03- 05.06	112079	14 90 A47				
		05.03- 05.06	114797	14 120 A46				
		05.03- 05.06	115483	14 120 A49				
	[BJB]	10.04-	113992	14 140 A47		10.04-	113842	12 1.7
		10.04-	115370	14 110		10.04-	115508	12 1.7 A49
	[BKC]	10.04-	113992	14 140 A47		10.04-	113842	12 1.7
		10.04-	115370	14 110		10.04-	115508	12 1.7 A49
	[BLS]	10.05-	113992	14 140 A47		10.05-	115508	12 1.7 A49
		10.05-	115370	14 110				
	[BXE]	02.06-	113992	14 140 A47		02.06-	115508	12 1.7 A49
		02.06-	115370	14 110				
Toledo 2.0 FSi	[BLR]	10.04-	113992	14 140 A47		AT 10.04-	113773	12 1.1
						10.04-	114163	12 1.1
	[BLY]	10.04-	113992	14 140 A47		AT 10.04-	113773	12 1.1
						10.04-	114163	12 1.1
	[BVY]	11.05-	113992	14 140 A47		11.05-	114163	12 1.1
	[BVZ]	11.05- 05.06	113992	14 140 A47		11.05- 05.06	114163	12 1.1
Toledo 2.0 i	[2E]	05.91- 10.93	112149	14 65		05.91- 06.96	111748	12 1.1
		10.93- 06.96	111352	14 70				
		10.93- 06.96	111479	14 90				
	AC	10.93- 06.96	111477	14 90				
	[AGG]	03.96- 10.98	111352	14 70		03.96- 03.99	111748	12 1.1
		03.96- 10.98	111479	14 90				
	AC	03.96- 10.98	111477	14 90				
Toledo 2.0 i 16V	[ABF]	11.93-	111353	14 70		11.93-	111749	12 1.1
		11.93-	111477	14 90				
Toledo 2.0 TFSi	[BWA]	11.05- 02.06	113992	14 140 A47		11.05- 02.06	113773	12 1.1
						11.05- 02.06	115333	12 1.0
Toledo 2.0 TDi	[AZV]	09.04-	113992	14 140 A47				
		09.04-	115370	14 110				
	[BKD]	10.04-	113992	14 140 A47		AT 10.04-	113509	12 2.0
		10.04-	115370	14 110		01.06-	113841	12 1.7
	[BMM]	01.06-	113992	14 140 A47				
		01.06-	115370	14 110				
	[BMN]	01.06-	113992	14 140 A47				
		01.06-	115370	14 110				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**SEAT Continued**

Toledo 2.3 V5	[AGZ]	10.98- 11.00	115483	14	120 A49	04.99- 05.01	114160	12	1.8
		04.99-	112002	14	120 A47	AT 04.99-	112286	12	1.7
		04.99-	112079	14	90 A47				
		04.99-	113340	14	70				
	04.99- 05.01	114797	14	120 A46					
		[AQN]	05.01-	112002	14	120 A47	05.01- 05.06	114160	12
		05.01-	112079	14	90 A47	AT 05.01-	112286	12	1.7
		05.01-	113340	14	70				
		05.01- 05.06	114797	14	120 A46				
		05.01- 05.06	115483	14	120 A49				
Various Models						05.72-	110365	12	0.8
							111106	12	1.0
						06.82- 12.84	110812	12	2.0
<b>PASSENGER CARS AO</b>									
Ibiza 2.0	[AZL]	04.02- 04.04	115482	14	90 A49	04.02-	113842	12	1.7
		07.02-	111989	14	90				
		07.02-	112075	14	70				
<b>Seddon</b>									
<b>TRUCKS EU</b>									
301						01.84- 01.87	113333#	24	7.0
311						01.85-	113333#	24	7.0
401						01.84- 01.87	113333#	24	7.0
411						01.85-	113333#	24	7.0
25215						01.96- 01.96	112656#	24	4.5
25245						01.96-	113332#	24	7.5
26245						01.96-	113332#	24	7.5
26280						01.96-	113332#	24	7.5
Euro 2						01.96- 01.96	112656#	24	4.5
Strato						01.93- 01.95	111286#	24	5.5
						01.90-	113333#	24	7.0
Strato 210						01.96- 01.96	112656#	24	4.5
T 36R						01.76- 01.80	113333#	24	7.0
<b>Selva</b>									
<b>MARINE</b>									
Various Models						35P5	112161	12	0.35
<b>Sennebogen</b>									
<b>INDUSTRY</b>									
Various Models						09.82- 06.90	110536	12	2.7
						01.63- 12.65	110409	12	3.0
<b>Setra</b>									
<b>TRUCKS EU</b>									
S 200 16.0		01.73-	111629	28	120				
S 208 5.7		01.79-	111629	28	120				
S 210 11.0		01.83-	111629	28	120				
S 215 HD 12.8	[OM402.925]	01.77-	111629	28	120				
S 313 12.0		09.91- 02.02	111833	28	140				
S 315 12.0		09.91- 02.02	111833	28	140				
S 315 14.6	[OM446.930]	09.91- 02.02	111833	28	140	09.91- 02.02	110206	24	5.4
S 317 14.6	[OM442.980]	09.91- 02.02	111833	28	140				
S 321 12.0		09.91- 02.02	111833	28	140				
S 328 14.6		09.91- 02.02	111833	28	140				
<b>SGMW</b>									
<b>PASSENGER CARS AO</b>									
Spark 0.8	[F8CV]	11.02-	111847	14	65				
<b>Shanghai GM</b>									
<b>PASSENGER CARS AO</b>									
Captiva 3.2	[LU1]	01.09-	114235	14	120				
<b>Sino</b>									
<b>TRUCKS EU</b>									
Various Models							114435	24	7.5
<b>Sisu</b>									
<b>AGRICULTURE</b>									
SK 150 6.6	[611 CSBA]					09.81- 12.95	113484	24	4.0
<b>Ski-Doo</b>									
<b>MISCELLANEOUS</b>									
Various Models							113681	12	0.6
<b>Skoda</b>									
<b>PASSENGER CARS EU</b>									
105 1.0	[742.1]	08.76- 12.90	110542	14	55				
110 1.1 L		12.69- 03.82	110542	14	55				
110 1.1 LS	[OHV]	07.70- 03.82	110542	14	55				
110 1.1 R	[OHV]	07.70- 03.82	110542	14	55				
120 1.2	[742.12]	10.83- 12.90	110542	14	55				
		08.76- 12.90	110542	14	55				
120 1.2 GLS	[742.12 X]	01.83- 12.90	110542	14	55				
120 1.2 L	[742.12]	08.87- 12.90	110542	14	55				
120 1.2 LS	[742.12 X]	08.76- 12.90	110542	14	55				
130 1.3	[135/8]	05.88- 10.91	110542	14	55				
	[742.13]	02.85- 10.91	110542	14	55				
		08.87- 10.91	110542	14	55				
Fabia 1.0	[AQV]	09.99- 08.02	112419	14	70	12.99-	112388	12	1.0
		09.99- 08.02	115483	14	120 A49				
	[ARV]	12.99-	112002	14	120 ▲	12.99-	112388	12	1.0
		12.99-	112274	14	90				
		12.99- 12.04	115483	14	120 A49				
	[ATY]	12.99-	112002	14	120 ▲				
		12.99-	112274	14	90				
		12.99- 08.02	115483	14	120 A49				



Fabia 1.2	[AWY]	08.02- 05.04	113253	14 90	08.02- 05.04	113515	12 0.9
		Chas. 6Y-3-765553- 07.01-	113253	14 90			
		Chas. -6Y-3-765552 07.01-	113253	14 90 ▲			
	[AZQ]	01.03-			01.03-	113515	12 0.9
		Chas. 6Y-3-765553- 01.03-	113253	14 90			
	[BMD]	05.04-			Chas. -6Y...5...240000 08.02- 10.04	113515	12 0.9
	[BME]				01.03-	113515	12 0.9
Fabia 1.2 Praktik	[AWY]	08.02- 05.04	113253	14 90	08.02- 05.04	113515	12 0.9
	[BMD]	05.04-	113253	14 90	Chas. -6Y...5...240000 05.04- 10.04	113515	12 0.9
Fabia 1.2 16V	[CGPB]	11.11-	113253	14 90	11.11-	114034	12 1.0
					A25 11.11-	115401	12 2.2
Fabia 1.2 TSi	[CBZA]				A25 03.10-	115401	12 2.2
	[CBZB]				A25 03.10-	115401	12 2.2
Fabia 1.2 TDi	[CFWA]				A25 05.10-	115336	12 2.2
Fabia 1.4	[AME]	11.00-	112419	14 70	09.99-	112388	12 1.0
		11.00- 05.03	114797	14 120 A46			
		09.99- 05.03	112002	14 120 A47, ▲			
		09.99- 05.03	112274	14 90			
		09.99- 05.03	115483	14 120 A49			
	[AQW]	11.00- 05.03	112002	14 120 A47	09.99-	112388	12 1.0
		11.00- 05.03	114797	14 120 A46			
		12.99- 05.03	112274	14 90			
		12.99- 05.03	112419	14 70			
		12.99- 05.03	115483	14 120 A49			
	[ATZ]	11.00- 05.03	114797	14 120 A46	09.00-	112388	12 1.0
		07.01-	112419	14 70			
		09.99- 05.03	112002	14 120 A47, ▲			
		09.99- 01.01	112274	14 90			
		09.99- 01.01	115483	14 120 A49			
	[AZE]	04.00-	112002	14 120 A47	09.99- 08.02	112388	12 1.0
		04.00- 03.03	114797	14 120 A46			
		09.99-	112274	14 90			
		09.99-	112419	14 70			
		09.99- 03.03	115483	14 120 A49			
	[AZF]	04.00-	112002	14 120 A47	12.99- 08.02	112388	12 1.0
		04.00- 03.03	114797	14 120 A46			
		12.99-	112274	14 90			
		12.99-	112419	14 70			
		12.99- 03.03	115483	14 120 A49			
	[BXW]	03.07-	112274	14 90	03.07-	114034	12 1.0
		03.07-	113870	14 70			
	06.07-	113874	14 110				
[CGGB]	03.07-	112274	14 90	03.07-	114034	12 1.0	
	03.07-	113870	14 70				
	06.07-	113874	14 110				
Fabia 1.4 Praktik	[AME]	04.02- 05.03	112002	14 120 A47	09.99- 05.03	112388	12 1.0
		04.02- 05.03	114797	14 120 A46			
		09.99- 05.03	112274	14 90			
		09.99- 05.03	112419	14 70			
		09.99- 05.03	115483	14 120 A49			
	[AQW]	04.02- 05.03	112002	14 120 A47	12.99- 05.03	112388	12 1.0
		04.02- 05.03	114797	14 120 A46			
		12.99- 05.03	112274	14 90			
		12.99- 05.03	112419	14 70			
		12.99- 05.03	115483	14 120 A49			
	[ATZ]	04.02- 05.03	112002	14 120 A47	09.99- 01.01	112388	12 1.0
		04.02- 05.03	114797	14 120 A46			
		09.99- 01.01	112274	14 90			
		09.99- 01.01	112419	14 70			
		09.99- 05.03	115483	14 120 A49			
Fabia 1.4 16V	[AUA]	10.99-	113874	14 110	09.99- 05.02	112435	12 1.1
		12.99-	113870	14 70	AT 09.99-	111823	12 1.1
		12.99-	113887	14 90	06.02-	113515	12 0.9
		AC 11.00- 10.01	111989	14 90			
		AC 10.01-	112274	14 90			
	[AUB]	12.99-	113874	14 110	09.99- 05.02	112435	12 1.1
					06.02-	113515	12 0.9
		AC 10.01-	112274	14 90	AT 09.99-	111823	12 1.1
		AC 09.99- 09.01	111989	14 90	06.02-	112388	12 1.0
	[BBY]	10.01- 05.04	112274	14 90	12.99- 05.02	112435	12 1.1
		10.99-	113874	14 110	AT 12.99-	111823	12 1.1
		12.99-	113870	14 70	06.02-	113515	12 0.9
		12.99-	113887	14 90			
		AC 11.00- 10.01	111989	14 90			
		AC 10.01-	112274	14 90			
	[BBZ]	12.99-	113874	14 110	AT 09.99-	111823	12 1.1
		AC 03.00- 09.01	111989	14 90	07.01-	113515	12 0.9
		AC 10.01-	112274	14 90	09.99- 05.02	112435	12 1.1
	[BKY]	10.01- 05.04	112274	14 90	12.99- 10.04	113515	12 0.9
		10.99-	113874	14 110	05.00- 04.07	114034	12 1.0
		12.99-	113870	14 70	AT 05.00- 10.04	111823	12 1.1
	12.99-	113887	14 90	AT 05.00-	115542*	12 1.1	
	AC 11.00- 10.01	111989	14 90				
	AC 10.01-	112274	14 90				



Application list

SKODA Continued

Fabia 1.4 TDI	[AMF]	05.03- 05.03- 10.05	113275 113873#	14 120 14 70		04.03- 04.03- 05.03- 11.04 11.04-	111900 113842 115503 115508	12 1.8 12 1.7 12 1.8 A49 12 1.7 A49	
	[BMS]					03.07- 03.07-	113842 115508	12 1.7 12 1.7 A49	
	[BNM]	10.05-	113275	14 120		10.05-	114062	12 1.7	
	[BNV]	10.05-	113275	14 120		10.05- 04.07 10.05-	115508 113842	12 1.7 A49 12 1.7	
	Fabia 1.4 TDI Praktik	[BNM]	10.05-	113275	14 120		10.05-	114062	12 1.7
Fabia 1.6	[BTS]	03.07-	114769	14 110					
Fabia 1.6 TDI	[CAYA]	04.10-	115370	14 110		04.10- A25 04.10- AT 04.10-	114299 115336 115376	12 1.7 12 2.2 12 1.8	
	[CAYB]	03.10- 03.10-	113992 115370	14 140 A47 14 110		A25 03.10- AT 03.10- 03.10-	115336 115376 114299	12 2.2 12 1.8 12 1.7	
	[CAYC]	03.10- 03.10-	113992 115370	14 140 A47 14 110		03.10- A25 03.10- AT 03.10-	114299 115336 115376	12 1.7 12 2.2 12 1.8	
	Fabia 1.9 SDI	[ASY]	09.99- 04.07 11.99- 11.99- 11.99- 12.99-	115483 112002 112079 114797 113340	14 120 A49 14 120 A47 14 90 A47 14 120 A46 14 70	Chas. 6Y-5-240001- 11.99- Chas. -6Y-5-240000 12.99-	114062 112438	12 1.7 12 2.0	
	Fabia 1.9 TDI	[ATD]	01.00- 01.00- 01.00- 10.05  09.99- 04.07 12.99-	112002 112079 114797  115483 113340	14 120 A47 14 90 A47 14 120 A46  14 120 A49 14 70	11.04- 04.07 01.00- 09.99- 10.05 Chas. -6Y-3-765552 09.00-	115508 113842 115503 111900	12 1.7 A49 12 1.7 12 1.8 A49 12 1.8	
	[AXR]	08.00- 12.07	115483	14 120 A49		10.05- 12.07 08.00- 12.07	115508 115503	12 1.7 A49 12 1.8 A49	
	[BLS]	03.07-	115483	14 120 A49		03.07- 03.07-	113842 115508	12 1.7 12 1.7 A49	
	[BSW]	10.07-	115483	14 120 A49		03.07- 10.07-	113842 115508	12 1.7 12 1.7 A49	
Fabia 1.9 TDI RS	[ASZ]	06.03- 06.03- 06.03- 06.03- 10.05 06.03- 10.05	112002 112079 113340 114797 115483	14 120 A47 14 90 A47 14 70 14 120 A46 14 120 A49		06.03- 06.03- 06.03-	112429 113841	12 2.0 12 1.7	
	[BLT]	10.05- 04.07	115483	14 120 A49					
	Fabia 2.0	[AQY]	06.99- 03.02 06.99- 03.02	115482 115483	14 90 A49 14 120 A49		06.99- 03.02	115504	12 1.1 A49
		[AZL]	07.00- 04.07 11.00- 11.00-	115482 111989 112075	14 90 A49 14 90 14 70		07.00-	112005	12 1.1
	Favorit 1.3	[135B]	12.92- 06.97	110622	14 70		12.92- 06.97	111214	12 1.0
	[136B]	12.92- 06.97	110622	14 70		12.92- 06.97	111214	12 1.0	
	[136L]	09.88- 09.94	110622	14 70		10.90- 09.94	111214	12 1.0	
	[781.135]	09.88- 09.94	110622	14 70		09.88- 09.94	111214	12 1.0	
	[781.135E]	09.88- 09.94	110622	14 70		01.90- 09.94	111214	12 1.0	
	[OHV]	09.88- 09.94	110622	14 70		09.88- 09.94	111214	12 1.0	
Felicia 1.3	[AMJ]	08.95- 03.98 ACPS 10.94- 03.98	110622 112387	14 70 14 90		10.94- 06.01	111214	12 1.0	
	[135B]	10.94- 12.98 PS 10.94-	110622 112387	14 70 ▲ 14 90		10.94-	111214	12 1.0	
	[135L]	10.94- 03.98 ACPS 10.94- 03.98	110622 112387	14 70 14 90		10.94- 03.98	111214	12 1.0	
	[136B]	10.94- 12.98 PS 10.94-	110622 112387	14 70 ▲ 14 90		10.94-	111214	12 1.0	
	[AMG]	PS 08.96- 12.98 ACPS 03.98- 06.01	112387 112387	14 90 14 90		08.96- 12.98	111214	12 1.0	
	[AMH]	08.96- 12.98 PS 03.98- 06.01	110622 112387	14 70 14 90		08.96- 12.98	111214	12 1.0	
	Felicia 1.3 Fun	[135B]	06.97- ACPS 06.97-	110622 112387	14 70 14 90		06.97-	111214	12 1.0
		[135M]	06.97- ACPS 06.97-	110622 112387	14 70 14 90		06.97-	111214	12 1.0
		[136B]	06.97- ACPS 06.97-	110622 112387	14 70 14 90		06.97-	111214	12 1.0
		[136M]	11.94- 06.97-	110622 112387	14 70 14 90		06.97-	111214	12 1.0
Felicia 1.3 LX	[135B]	11.94- 12.98 PS 08.95-	110622 112387	14 70 ▲ 14 90		08.95-	111214	12 1.0	
	[AMG]	08.96- 12.98	110622	14 70 ▲		08.95- 03.98	111214	12 1.0	
Felicia 1.3 LXI	[136B]	11.94- 12.98 PS 08.95-	110622 112387	14 70 ▲ 14 90		08.95-	111214	12 1.0	
	[AMH]	ACPS 08.95- 03.98	112387	14 90		08.96- 12.98	111214	12 1.0	
Felicia 1.6	[AEE]	05.95- 08.01 08.95- 03.98- 06.01 03.98- 06.01 PS 05.95- 08.01 PS 06.97- AC 05.95- 08.01	111352 111820 111353 111477 111353 111820 111477	14 70 14 90 14 70 14 90 14 70 14 90 14 90		05.95- 08.01	111214	12 1.0	



Felicia 1.6 GLX	[AEE]	08.95-	111352	14 70	08.95-	111214	12 1.0	
		PS 08.95-	111820	14 90				
		AC 08.95-	111477	14 90				
Felicia 1.6 LX	[AEE]	08.95-	111352	14 70	08.95-	111214	12 1.0	
		PS 08.95-	111820	14 90				
		AC 08.95-	111477	14 90				
Felicia 1.9 Diesel	[AEF]	09.96-	111676	14 90	05.96- 08.01	112236	12 1.8	
Forman 1.3	[781.135]	12.91- 12.95	110622	14 70	12.91- 06.95	111214	12 1.0	
		[781.135E]	12.92- 12.95	110622	14 70	09.91- 06.95	111214	12 1.0
		[OHC]	08.91- 12.95	110622	14 70	08.91- 06.95	112388	12 1.0
Forman 1.3 4WD	[136B]				01.94- 06.95	111214	12 1.0	
Octavia 1.2 TSI	[CBZB]				02.10-	114175	12 1.1	
Octavia 1.4	[AMD]	AC 04.99-	112273	14 70	04.99-	112388	12 1.0	
		[AXP]	08.00-	112075	14 70	08.00- 01.02	115504	12 1.1 A49
		08.00- 01.02	115482	14 90 A49	08.00-	111909	12 1.1	
		AC 08.00-	111989	14 90				
	[BCA]	06.04-	111989	14 90	08.00-	111909	12 1.1	
		06.04-	112075	14 70	05.04- 05.06	114034	12 1.0	
	[BUD]	06.04-	113874	14 110				
Octavia 1.4 16V	[AXP]	09.00-	112075	14 70	09.00-	115504	12 1.1 A49	
		09.00-	115482	14 90 A49	09.00-	111909	12 1.1	
		AC 09.00-	111989	14 90				
	[BCA]				09.00-	115504	12 1.1 A49	
Octavia 1.4 TSI	[CAXA]				11.08-	114163	12 1.1	
Octavia 1.6	[AEE]	09.96-	111820	14 90	09.96- 08.02	115504	12 1.1 A49	
		Chas. 1U-W-113661- 09.96- 09.00	111989	14 90	09.96- 08.02	111909	12 1.1	
		Chas. 1U-W-113661- 09.96- 09.00	112075	14 70	09.96-	111748	12 1.1	
		Chas. -1U-W-113660 09.96-	111820	14 90	09.96-	112236	12 1.8	
	[AEH]	02.97-	112002	14 120 A47	02.97- 08.02	115504	12 1.1 A49	
		02.97-	114797	14 120 A46	02.97- 05.98	111748	12 1.1	
		02.97- 09.04	115482	14 90 A49	05.98- 08.02	111909	12 1.1	
		02.97- 09.04	115483	14 120 A49				
		06.98-	111989	14 90				
		06.98-	112075	14 70				
	[AKL]	02.97-	112002	14 120 A47	04.97- 08.02	115504	12 1.1 A49	
		02.97-	114797	14 120 A46	05.97- 06.98	111748	12 1.1	
		04.97-	115482	14 90 A49	06.98- 09.02	111909	12 1.1	
		04.97-	115483	14 120 A49				
		06.98-	111989	14 90				
		06.98-	112075	14 70				
	[AVU]	09.00-	111989	14 90	AT 08.00- 08.02	111909	12 1.1	
		09.00- 04.02	115482	14 90 A49	08.00- 04.02	115504	12 1.1 A49	
		09.00- 04.02	115483	14 120 A49				
		11.00-	112402	14 120				
	[BFQ]	08.00-	115482	14 90 A49	08.00- 08.02	115504	12 1.1 A49	
		08.00-	115483	14 120 A49	11.00-	111909	12 1.1	
	[BGU]	06.04-	111989	14 90	AT 06.04-	113773	12 1.1	
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		06.04-	115482	14 90 A49				
	[BSE]	06.04-	111989	14 90	AT 06.04-	113773	12 1.1	
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06.04-		115482	14 90 A49					
[BSF]	06.04-	111989	14 90	06.04-	114176	12 1.0		
	06.04-	113992	14 140 A47	AT 06.04-	113773	12 1.1		
	06.04-	115482	14 90 A49					
[CCSA]	06.04-	111989	14 90	AT 06.04-	113773	12 1.1		
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	06.04-	115482	14 90 A49					
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	06.04-	113992	14 140 A47	AT 06.04-	113773	12 1.1		
	06.04-	115482	14 90 A49					
Octavia 1.6 FSI	[BLF]	06.04-	114769	14 110	AT 06.04-	111909	12 1.1	
					06.04-	113773	12 1.1	
					06.04-	114163	12 1.1	
Octavia 1.6	[CCSA]	01.08-	113992	14 140 A47				
Octavia 1.6 LPG	[CHGA]	08.09-	115482	14 90 A49				
Octavia 1.6 TDI	[CAYC]	06.09-	113992	14 140 A47	06.09-	114299	12 1.7	
		06.09-	115370	14 110	A25 06.09-	115336	12 2.2	
					AT 06.09-	115376	12 1.8	
Octavia 1.6 TDI 4x4	[CAYC]	06.09-	113992	14 140 A47	AT 06.09-	115376	12 1.8	
		06.09-	115370	14 110	06.09-	114299	12 1.7	
Octavia 1.8	[AGN]	09.96-	111820	14 90	AT 09.96-	111909	12 1.1	
		06.98- 04.99	115482	14 90 A49	AT 09.96-	111748	12 1.1	
					09.96- 05.98	111749	12 1.1	
					05.98-	112005	12 1.1	
					09.96- 04.99	115504	12 1.1 A49	
Octavia 1.8 20V	[AGN]	07.98-	111820	14 90	AT 05.98-	111909	12 1.1	
		07.98- 04.99	115482	14 90 A49	05.98-	112005	12 1.1	
				05.98- 04.99	115504	12 1.1 A49		
Octavia 1.8 TSI	[BZB]	06.07-	114722	14 140	06.07-	114163	12 1.1	
					03.09-	114163	12 1.1	
					06.07-	114163	12 1.1	
	[CDAA]	06.07-	114722	14 140				
Octavia 1.8 TSI 4x4	[CDAB]	03.09-	114722	14 140	03.09-	113773	12 1.1	
Octavia 1.8 Turbo	[AGU]	08.97-	111989	14 90	AT 08.97-	111909	12 1.1	
		08.97-	112002	14 120 A47	Chas. 1U-W-104431- 08.97-	112005	12 1.1	
		08.97-	114797	14 120 A46	08.97-	115504	12 1.1 A49	
		08.97-	115482	14 90 A49	Chas. -1U-W-104430 03.98-	111749	12 1.1	
		08.97-	115483	14 120 A49	Chas. -1U-W-094503 03.98-	111748	12 1.1	
		03.98-	112075	14 70	05.01-	112429	12 2.0	





SKODA Continued

Application list

	[ARX]	08.97- 08.97- 08.97- 06.98- 07.98- 01.06 07.98- 01.06	111989 112002 114797 112075 115482 115483	14 90 14 120 A47 14 120 A46 14 70 14 90 A49 14 120 A49		08.97- 08.97-	114174 112005	12 1.1 12 1.1
	[ARZ]	01.00- 07.00 01.00- 07.98- 07.00	111989 112075 115482	14 90 14 70 14 90 A49		05.98-	112005	12 1.1
	[AUM]	08.97- 08.97- 08.97- 06.98- 07.98- 07.98-	111989 112002 114797 112075 115482 115483	14 90 14 120 A47 14 120 A46 14 70 14 90 A49 14 120 A49		05.01- AT 08.97- 08.97- 08.97- 07.98-	112429 111909 114174 112005 115504	12 2.0 12 1.1 12 1.1 12 1.1 12 1.1 A49
Octavia 1.8 Turbo 20V RS	[AUQ]	08.00- 09.04 08.00- 09.04 01.01-	115482 115483 111989	14 90 A49 14 120 A49 14 90		6SP 08.00- 5SP 08.00-	112005 112429	12 1.1 12 2.0
Octavia 1.8 Turbo 4x4	[AGU]	08.00- 09.04 08.00- 09.04 08.00- 09.04 08.00- 09.04 05.01- 05.01-	111989 112075 115482 115483 112002 114797	14 90 14 70 14 90 A49 14 120 A49 14 120 A47 14 120 A46		05.01- 08.00- 09.04 AT 05.01-	112005 115504 111909	12 1.1 12 1.1 A49 12 1.1
	[ARX]	08.00- 09.04 08.00- 09.04 05.01- 05.01- 05.01- 05.01-	115482 115483 111989 112002 112075 114797	14 90 A49 14 120 A49 14 90 14 120 A47 14 70 14 120 A46		05.01-	112005	12 1.1
	[AUM]	08.00- 09.04 08.00- 09.04 05.01- 05.01- 05.01- 05.01-	115482 115483 111989 112002 112075 114797	14 90 A49 14 120 A49 14 90 14 120 A47 14 70 14 120 A46		AT 05.01- 08.00- 09.04 05.01-	111909 115504 112005	12 1.1 12 1.1 A49 12 1.1
Octavia 1.8 Turbo RS	[AUQ]	08.02- 08.02- 01.03- 09.04 01.03- 09.04 01.03- 09.04 01.03- 09.04	112002 114797 111989 112075 115482 115483	14 120 A47 14 120 A46 14 90 14 70 14 90 A49 14 120 A49		01.03- 09.04	112005	12 1.1
Octavia 1.9 SDI	[AGP]	06.97- 06.98- 07.00 Chas. 1UW113661- 06.97- Chas. 1UW113661- 06.97- Chas. 1UW113661- 06.98-	114797 115483 112002 112079 113340	14 120 A46 14 120 A49 14 120 A47 14 90 A47 14 70		06.97-	112286	12 1.7
	[AQM]	08.00- 08.00- 12.03 08.00- 12.03 06.97- 06.98- Stel 06.97- Stel 06.97-	112002 114797 115483 112079 113340 112002 114797	14 120 A47 14 120 A46 14 120 A49 14 90 A47 14 70 14 120 A47 14 120 A46		11.01- 06.97- 10.01	111748 112286	12 1.1 12 1.7
Octavia 1.9 TDI	[AGR]	09.96- 09.96- 09.96-  07.98- 10.99-	112002 112079 114797  113340 115483	14 120 A47 14 90 A47 14 120 A46  14 70 14 120 A49		09.96- AT 11.01- 09.96- AT 09.96- 10.01	111900 111748 115503 112286	12 1.8 12 1.1 12 1.8 A49 12 1.7
	[AHF]	08.97- 08.97- 08.97- 08.97- 09.04 08.97- 01.06	112002 112079 113340 114797 115483	14 120 A47 14 90 A47 14 70 14 120 A46 14 120 A49		AT 08.97- 10.01 08.97- 08.97- 01.06 AT 11.01-	112286 111900 115503 111748	12 1.7 12 1.8 12 1.8 A49 12 1.1
	[ALH]	08.00- 08.00- 09.96- 09.96- 09.96-	113340 115483 112002 112079 114797	14 70 14 120 A49 14 120 A47 14 90 A47 14 120 A46		AT 11.01- 08.00- AT 09.96- 10.01 08.00-	111748 111900 112286 115503	12 1.1 12 1.8 12 1.7 12 1.8 A49
	[ASV]	08.00- 08.00- 01.06 07.98- 07.98- 07.98-	113340 115483 112002 112079 114797	14 70 14 120 A49 14 120 A47 14 90 A47 14 120 A46		08.00- 01.06 07.98- AT 11.01- AT 07.98- 09.04	115503 111900 111748 112286	12 1.8 A49 12 1.8 12 1.1 12 1.7
	[ASZ]	01.03- 01.03- 01.03- 01.03- 01.03- 09.04	112002 112079 113340 114797 115483	14 120 A47 14 90 A47 14 70 14 120 A46 14 120 A49		01.03-	112429	12 2.0
	[ATD]	08.00- 01.06	115483	14 120 A49		08.00- 01.06	115503	12 1.8 A49
	[AXR]	08.00-	115483	14 120 A49		08.00-	115503	12 1.8 A49
	[BJB]	06.04- 06.04-	113992 115370	14 140 A47 14 110		AT, 6 Speed 05.04- 05.04- 06.04-	113509 115508 113842	12 2.0 12 1.7 A49 12 1.7
	[BKC]	06.04- 06.04-	113992 115370	14 140 A47 14 110		AT 06.04- 06.04- 02.06 06.04-	113509 115508 113842	12 2.0 12 1.7 A49 12 1.7



	[BLS]	06.04-06.04-	113992	14 140 A47	06.04-	115508	12 1.7	A49	
			115370	14 110					
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			115370	14 110					
Octavia 1.9 TDi 4x4	[AGR]	08.00-08.00-09.00	113340	14 70	AT 11.99-11.01-	112286	12 1.7		
			115483	14 120 A49	AT 11.01-11.99-	111748	12 1.1		
			112002	14 120 A47	11.99-08.00-09.00	111900	12 1.8		
			112079	14 90 A47		115503	12 1.8	A49	
			114797	14 120 A46					
	[ATD]	09.00-09.00-	112002	14 120 A47	6SP 09.00-09.00-	112005	12 1.1		
			112079	14 90 A47	09.00-09.00-	112429	12 2.0		
			113340	14 70	09.00-09.00-	111900	12 1.8		
			114797	14 120 A46	09.00-09.00-01.06	115503	12 1.8	A49	
			115483	14 120 A49					
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						11.04-11.04-	113841	12 1.7	
						11.04-11.04-	115508	12 1.7	A49
	[BLS]	05.06-05.06-	113992	14 140 A47	05.06-	115508	12 1.7	A49	
			115370	14 110					
	[BXE]	03.06-03.06-	113992	14 140 A47					
			115370	14 110					
Octavia 2.0	[AEG]	08.00-08.00-01.05	115482	14 90 A49	08.00-01.05	115504	12 1.1	A49	
			115483	14 120 A49	AT 04.99-04.99-	111909	12 1.1		
			111989	14 90		112005	12 1.1		
			112002	14 120 A47					
			112075	14 70					
			114797	14 120 A46					
			112075	14 70					
			114797	14 120 A46					
		AC 04.99-	111989	14 90					
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			114797	14 120 A46					
			115482	14 90 A49					
			115483	14 120 A49					
	[AQY]	04.99-04.99-	111989	14 90	04.99-03.02	115504	12 1.1	A49	
			112002	14 120 A47	04.99-04.99-	112005	12 1.1		
			112075	14 70	AT 04.99-04.99-	111909	12 1.1		
			114797	14 120 A46					
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			115482	14 90 A49					
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			112002	14 120 A47					
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			114797	14 120 A46					
			115482	14 90 A49					
		115483	14 120 A49						
[AZJ]	04.99-04.99-	111989	14 90	04.99-04.99-	115504	12 1.1	A49		
		112002	14 120 A47	04.99-04.99-	112005	12 1.1			
		112075	14 70	AT 04.99-04.99-	111909	12 1.1			
		114797	14 120 A46						
		115482	14 90 A49						
		115483	14 120 A49						
Octavia 2.0 4x4	[AEG]	08.00-08.00-01.05	111989	14 90	AT 08.00-01.05	111909	12 1.1		
			112075	14 70	08.00-01.05	115504	12 1.1	A49	
			115482	14 90 A49	08.00-01.05	112005	12 1.1		
			115483	14 120 A49					
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			114797	14 120 A46					
	[AQY]	08.00-08.00-03.02	111989	14 90	AT 08.00-03.02	111909	12 1.1		
			112075	14 70	08.00-03.02	115504	12 1.1	A49	
			115482	14 90 A49	08.00-03.02	112005	12 1.1		
			115483	14 120 A49					
			112002	14 120 A47					
			114797	14 120 A46					
	[AZH]	08.00-08.00-09.04	111989	14 90	08.00-09.04	112005	12 1.1		
			112075	14 70					
			115482	14 90 A49					
			115483	14 120 A49					
			112002	14 120 A47					
			114797	14 120 A46					
[AZJ]	05.01-05.01-	112002	14 120 A47	03.02-09.04	112005	12 1.1			
		114797	14 120 A46	AT 03.02-03.02-	111909	12 1.1			
		111989	14 90	03.02-09.04	115504	12 1.1	A49		
		112075	14 70						
		115482	14 90 A49						
		115483	14 120 A49						
Octavia 2.0 RS	[BWA]	01.06-	113992	14 140 A47	01.06-	113773	12 1.1		
	[CCZA]	01.06-	113992	14 140 A47					
Octavia 2.0 FSi	[BLR]	11.04-11.05	113992	14 140 A47	AT 11.04-11.04-	111909	12 1.1		
					11.04-11.05	114163	12 1.1		
	[BLY]	11.04-11.05	113992	14 140 A47	11.04-11.04-	113773	12 1.1		
					11.04-11.05	114163	12 1.1		
	[BVX]	11.05-	113992	14 140 A47	11.05-	114163	12 1.1		

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



SKODA Continued

Application list

	[BVY]	11.05-	113992	14 140 A47		11.04-	114163	12 1.1
	[BVZ]	11.05-	113992	14 140 A47		11.04-	114163	12 1.1
Octavia 2.0 FSI 4x4	[BLX]	11.04- 11.05	113992	14 140 A47		11.04- 11.05	114163	12 1.1
	[BLY]	11.04- 11.05	113992	14 140 A47		11.04- 11.05	113773	12 1.1
							114163	12 1.1
Octavia 2.0 TDi	[BVX]	11.05-	113992	14 140 A47		11.05-	114163	12 1.1
	[BMM]	11.05-	113992	14 140 A47		04.06-	113841	12 1.7
		11.05-	115370	14 110				
	[BMN]	04.06- 05.08	113992	14 140 A47		04.06- 05.08	115311	12 1.7
		04.06- 05.08	115370	14 110				
	[CEGA]	04.06-	113992	14 140 A47		04.06-	115311	12 1.7
		04.06-	115370	14 110				
	[CFHF]	03.10-	113992	14 140 A47				
	[CKFB]					A25 11.12-	115402	12 1.8
	[CKFC]					A25 11.12-	115402	12 1.8
	[CLCA]	03.10-	113992	14 140 A47				
	[CRVC]					A25 11.12-	115402	12 1.8
[CUPA]					A25 05.13-	115402	12 1.8	
Octavia 2.0 TDi 16V	[AZV]	02.04- 02.04-	113992	14 140 A47				
			115370	14 110				
	[BKD]	06.04- 06.04-	113992	14 140 A47	AT, 6 Speed	05.04-	113509	12 2.0
			115370	14 110		06.04-	115311	12 1.7
						06.04-	113841	12 1.7
						08.04-	113842	12 1.7
						08.04-	115508	12 1.7 A49
	[CFHC]	08.04-	115370	14 110		08.04-	115311	12 1.7
[CLCB]	08.04-	115370	14 110		08.04-	115508	12 1.7 A49	
					08.04-	115508	12 1.7 A49	
Octavia 2.0 TDi 16V 4x4	[BMM]	07.06- 07.06-	113992	14 140 A47		6SP 07.06-	113841	12 1.7
			115370	14 110		5SP 08.04-	113509	12 2.0
Octavia 2.0 TDi 4x4	[CFHC]	05.10-	113992	14 140 A47				
	[CFHF]	05.11-	113992	14 140 A47		05.11-	113841	12 1.7
Praktik 1.2 TSi	[CBZA]					A25 03.10-	115401	12 2.2
						03.10-	114034	12 1.0
Praktik 1.2 TDi	[CFWA]					A25 03.10-	115336	12 2.2
						03.10-	114299	12 1.7
Rapid 1.2	[CGPC]	10.12-	113253	14 90		10.12-	114034	12 1.0
Rapid 1.2 TSi	[CBZA]					A25 10.12-	115401	12 2.2
						10.12-	114034	12 1.0
	[CBZB]					A25 10.12-	115401	12 2.2
					10.12-	114034	12 1.0	
Rapid 1.4 TSi	[CAXA]	10.12-	113861	14 110				
Rapid 1.6	[CFNA]	07.13-	114769	14 110		07.13-	114034	12 1.0
Rapid 1.6 TDi	[CAYC]	10.12-	114769	14 110		10.12-	114034	12 1.0
Roomster 1.2 TSi	[CBZA]					A25 03.10-	115401	12 2.2
	[CBZB]					A25 03.10-	115401	12 2.2
						03.10-	114034	12 1.0
Roomster 1.2 TDi	[CFWA]					A25 03.10-	115336	12 2.2
Roomster 1.4	[BXW]	09.06-	113870	14 70		09.06-	114034	12 1.0
		09.06-	113874	14 110				
		AC 09.06-	112274	14 90				
	[CGGB]	09.06-	113870	14 70		09.06-	114034	12 1.0
		09.06-	113874	14 110				
	AC 09.06-	112274	14 90					
Roomster 1.4 TDi	[BMS]	09.06-	112079	14 90 A47		09.06-	113842	12 1.7
						09.06-	115508	12 1.7 A49
	[BNM]	09.06-	112079	14 90 A47		09.06-	114062	12 1.7
	[BNV]					09.06-	115508	12 1.7 A49
Roomster 1.6	[BTS]	09.06-	114769	14 110		09.06-	114034	12 1.0
						09.06-	113773	12 1.1
	[CFNA]	09.06-	114769	14 110		09.06-	113773	12 1.1
						09.06-	114034	12 1.0
Roomster 1.6 TDi	[CAYB]	03.10-	113992	14 140 A47		A25 03.10-	115336	12 2.2
		03.10-	115370	14 110		03.10-	114299	12 1.7
						AT 03.10-	115376	12 1.8
	[CAYC]	03.10-	113992	14 140 A47		AT 03.10-	115376	12 1.8
		03.10-	115370	14 110		A25 03.10-	115336	12 2.2
					03.10-	114299	12 1.7	
Roomster 1.9 TDi	[AXR]	03.06- 05.06	112079	14 90 A47		03.06- 05.06	112438	12 2.0
		03.06- 05.06	113340	14 70		03.06- 05.06	113842	12 1.7
						03.06- 05.06	115508	12 1.7 A49
	[BLS]	09.06-	112002	14 120 A47		09.06-	115508	12 1.7 A49
		09.06-	112079	14 90 A47		09.06-	113842	12 1.7
		09.06-	113340	14 70				
		09.06-	114797	14 120 A46				
	09.06-	115483	14 120 A49					
	[BSW]	09.06-	115483	14 120 A49		09.06-	115508	12 1.7 A49
Superb 1.4 TSi	[CAXC]					07.08-	114163	12 1.1
Superb 1.6 TDi	[CAYC]	09.10-	114109	14 180		A25 09.10-	115336	12 2.2
Superb 1.8 TSi	[BZB]					07.08-	114163	12 1.1
	[CDAB]					03.09-	114163	12 1.1
	[CDAA]					07.08-	114163	12 1.1
Superb 1.8 TSi 4x4	[CDAB]					03.09-	114163	12 1.1
	[CDAA]					11.08-	114163	12 1.1
Superb 1.8 Turbo 20V	[AWT]	02.02-	112398#	14 70	Chas. -3U-4-066205	02.02-	112321	12 1.1
		02.02-	112399	14 90	Chas. 3U-4-066206-	02.02-	114179	12 1.2
		02.02-	113283	14 120				
Superb 1.9 TDi	[AVB]	02.02-	112397	14 120		02.02-	111694	12 1.8



	[AVF]	12.01-	112397	14	120		12.01-	111694	12	1.8
	[AWX]	12.01-	112397	14	120		12.01-	111694	12	1.8
	[BLS]	07.08-	113992	14	140 A47		10.09- 11.10	113842	12	1.7
							07.08- 11.10	115508	12	1.7 A49
	[BPZ]						01.07- 03.08	114096	12	2.0
	[BXE]	07.08-	113992	14	140 A47		07.08-	115508	12	1.7 A49
Superb 2.0	[AZM]	02.02-	112398#	14	70	Chas. -3U-4-066205	02.02-	112321	12	1.1
		02.02-	112399	14	90	Chas. 3U-4-066206-	02.02-	114179	12	1.2
		02.02-	113283	14	120					
	[BWW]						02.06- 04.08	114096	12	2.0
Superb 2.0 TDi	[BKD]						01.09-	115311	12	1.7
	[BMP]	07.08-	113992	14	140 A47					
	[BSS]						10.05-	114096	12	2.0
	[CBBB]	07.08-	113992	14	140 A47		07.08-	115311	12	1.7
	[CFFB]	03.10-	114109	14	180		03.10-	115311	12	1.7
	[CFGB]						10.09-	115311	12	1.7
	[CLJA]	02.10-	114109	14	180		02.10-	115311	12	1.7
Superb 2.0 TDi 16V 4x4	[CFFB]	11.10-	114109	14	180		11.10-	115402	12	1.8
							11.10-	115311	12	1.7
Superb 2.0 TDi 4x4	[CBBB]	09.08-	113992	14	140 A47		09.08-	115311	12	1.7
	[CFGB]						10.09-	115311	12	1.7
Superb 2.5 TDi	[AYM]						12.01- 08.03	111995	12	2.0
	[BDG]	06.03-	113510	14	140		06.03-	111995	12	2.0
		06.03-	113758	14	120					
Superb 2.8 V6	[AMX]	12.01-	112399	14	90		12.01-	111769	12	1.4
Superb 3.6 V6 4x4	[CDVA]	10.09-	114697	14	180					
Yeti 1.2 TSi	[CBZB]						09.09-	114175	12	1.1
Yeti 1.4 TSi	[CAXA]						06.10-	114163	12	1.1
Yeti 1.6 TDi	[CAYC]						11.10-	115336	12	2.2
Yeti 1.8 TSi 4x4	[CDAB]						11.09-	113773	12	1.1
Yeti 2.0 TDi	[CFHA]	11.09-	113992	14	140 A47					
	[CFHC]	11.11-	115370	14	110	A25	11.11-	115402	12	1.8
							11.11-	113841	12	1.7
Yeti 2.0 TDi 4x4	[CBDB]	05.09- 11.09	113992	14	140 A47					
	[CEGA]	11.09- 05.10	113992	14	140 A47					
	[CFHA]	11.09-	113992	14	140 A47					
	[CFHC]	11.09-	113992	14	140 A47					
		11.09-	115370	14	110					
	[CFJA]	05.10-	113992	14	140 A47					
		05.10-	115370	14	110					
<b>PASSENGER CARS AO</b>										
Fabia 1.0	[AQV]	11.00- 08.02	115483	14	120 A49					
	[ARV]	11.00- 08.02	115483	14	120 A49					
<b>Smart (MCC)</b>										
<b>PASSENGER CARS EU</b>										
Cabrio 0.6	[M160.920]	06.02- 01.04	112384	14	75 With B+ , D+ , PHIN connection		06.02- 01.04	112380	12	0.8
Cabrio 0.7	[M160.910]	01.03- 01.04	112384	14	75 With B+ , D+ , PHIN connection		01.03- 01.04	112380	12	0.8
City 0.6	(MCO1)[M160.920]	06.02- 01.04	112384	14	75 With B+ , D+ , PHIN connection		06.02- 01.04	112380	12	0.8
City 0.7	[M160.910]	01.03- 01.04	112384	14	75 With B+ , D+ , PHIN connection		01.03- 01.04	112380	12	0.8
City 0.8 CDI	(450..)[OM660.940]	11.99- 01.04	114040	14	85		11.99- 01.04	114051	12	1.0
Crossblade 0.6	[M160.910]	10.02-	112384	14	75 With B+ , D+ , PHIN connection		10.02-	112380	12	0.8
Forfour 1.1	(454)[M134.911]						01.06-	114108	12	0.9
	[M134.910]						04.04-	114108	12	0.9
Forfour 1.3	[M135.930]						04.04-	114108	12	0.9
Forfour 1.5	(454)[135.950]						04.04-	114108	12	0.9
Forfour 1.5 Brabus	(454)[M122.950]						05.05-	114108	12	0.9
Forfour 1.5 Sportsstyle	(454)[M135.950]						01.04-	114108	12	0.9
Forfour 1.5 CDI	(454)[OM639.939]	09.04-	114406	14	115					
Fortwo 0.7	[M160.910]	01.04-	112384	14	75 With B+ , D+ , PHIN connection		01.04-	112380	12	0.8
	[M160.920]	01.04-	112384	14	75 With B+ , D+ , PHIN connection		01.04-	112380	12	0.8
Fortwo 0.8 CDI	(450..)[OM660.940]	01.04- 03.07	114040	14	85		01.04- 03.07	114051	12	1.0
	(451)[OM660.950]						01.07-	114051	12	1.0
	[OM660.951]						08.09-	114051	12	1.0
Fortwo 1.0	(451)[M132.910]	01.07-	114472	14	90					
	A25	01.07-	114045	14	120					
Fortwo 1.0 Brabus	(451)[M132.930]	01.08-	114472	14	90					
Fortwo 1.0 Turbo	(451)[M132.930]	01.07-	114472	14	90					
Roadster 0.7	(452)[160.921]	04.03-	112384	14	75 With B+ , D+ , PHIN connection		08.03-	112380	12	0.8
	(452, 332)[M160.921]	06.03-	112384	14	75 With B+ , D+ , PHIN connection					
	(452, 434)[160.922]	04.03-	112384	14	75 With B+ , D+ , PHIN connection		04.03-	112380	12	0.8
	[160.922]	04.03-	112384	14	75 With B+ , D+ , PHIN connection		04.03-	112380	12	0.8
Roadster 0.7 Brabus	[M160.923]	12.03-	112384	14	75 With B+ , D+ , PHIN connection		12.03-	112380	12	0.8
Smart 0.6	(MCO1)[M160E6ALB05]	Chas. H182875- 01.01-	112384	14	75 With B+ , D+ , PHIN connection		01.01-	112380	12	0.8
		Chas. -H182874 01.01-	114025	14	75 With B+ , D+ connection					
	[M160E6ALB031]	Chas. H182875- 07.98-	112384	14	75 With B+ , D+ , PHIN connection		07.98-	112380	12	0.8
		Chas. -H182874 07.98-	114025	14	75 With B+ , D+ connection					

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



**SMART (MCC) Continued**

	[M160E6ALB 04]	Chas. H182875- 07.98-	112384	14 75	With B+, D+, PHIN connection	07.98-	112380	12 0.8
		Chas. -H182874 07.98-	114025	14 75	With B+, D+ connection			
	[M160E6ALB 05]	Chas. H182875- 01.01-	112384	14 75	With B+, D+, PHIN connection	01.01-	112380	12 0.8
		Chas. -H182874 01.01-	114025	14 75	With B+, D+ connection			
	[M160E6ALB 03]	Chas. H182875- 03.00-	112384	14 75	With B+, D+, PHIN connection	03.00- 01.04	112380	12 0.8
		Chas. -H182874 03.00-	114025	14 75	With B+, D+ connection			
Smart 0.8 CDI	(450...)[OM660.940]	03.01- 01.04	114040	14 85		03.01- 01.04	114051	12 1.0
<b>Solaris</b>								
<b>TRUCKS EU</b>								
Vacanza 12 12.6	[XE250C]	06.02- 12.06	115491	28 100	A49	06.02- 12.06	113934	24 5.5
Vacanza 12 12.9	[MX300]	10.05-	114089	28 80		10.05-	114073	24 5.5
		10.05-	114314	28 110		10.05-	115511	24 5.5 A49
		10.05-	115495	28 80	A49			
Vacanza 13 12.9	[MX300]	10.05-	114089	28 80		10.05-	115511	24 5.5 A49
		10.05-	114314	28 110		10.05-	114073	24 5.5
		10.05-	115495	28 80	A49			
<b>Sole Diesel</b>								
<b>MOTORS</b>								
Mini-33 1.3 Diesel	[Mitsubishi]		112492	14 50				
Mini-44 1.8 Diesel	[Mitsubishi]		112492	14 50				
<b>Ssangyong</b>								
<b>PASSENGER CARS EU</b>								
Actyon 2.0 Xdi	[D20DT]					11.05- 07.07-	112440 114270	12 2.2 12 2.2
Actyon 2.0 XDi 4WD	[D20DT]					10.06- 07.07-	112440 114270	12 2.2 12 2.2
Actyon 2.0 XDi Sports pick-up	[D20DT]					04.07-	112440	12 2.2
Actyon Sports 2.0 XDi	[D20DT]					04.07-	114270	12 2.2
Korando 2.0 4WD	[M161E20]	07.96- 02.02	112530	14 120		07.96-	111347	12 1.2
Korando 2.2 Diesel 4WD	[DC23]	12.88- 12.96	112578	14 75				
Korando 2.3	[M161E23]	07.96- 02.02	112530	14 120		07.96-	111347	12 1.2
		01.99- 02.02	112530	14 120		01.99-	111347	12 1.2
Korando 2.3 4WD	[M161E23]	07.96- 02.02	112530	14 120		07.96-	111347	12 1.2
Korando 2.3 Diesel 4WD	[OM601.940]	12.96- 12.96-	112529 112578	14 90 14 75		12.96-	111065	12 2.2
Korando 2.9 Diesel	[OM662]	11.97- 01.99 11.97- 01.99	112529 112578	14 90 14 75		11.97- 01.99	111065	12 2.2
Korando 2.9 Diesel 4WD	[OM662]	12.96- 12.96-	112529 112578	14 90 14 75		12.96-	111065	12 2.2
Korando 2.9 TD	[OM662]	04.98-	112578	14 75		04.98-	111065	12 2.2
Korando 3.2	[M104.992]	06.97-	112578	14 75				
	[M104.995]	01.99-	112578	14 75				
Korando 3.2 4WD	[M104.995]	12.96-	112578	14 75				
Musso 2.0 4WD	[E20]	10.96-	112530	14 120		10.96-	111347	12 1.2
Musso 2.3						04.03-	111347	12 1.2
Musso 2.3 4WD	[M111.970]	10.96-	112530	14 120		10.96-	111347	12 1.2
Musso 2.3 Diesel 4WD	[OM601.940]	10.95- 10.95- 10.95-	112529 112578 113768	14 90 14 75 14 95		10.95-	111065	12 2.2
	[OM661]	10.95- 10.95- 10.95-	112529 112578 113768	14 90 14 75 14 95		10.95-	111065	12 2.2
Musso 2.9 Diesel 4WD	[OM662]	03.96- 03.96-	112529 112578	14 90 14 75		03.96-	111065	12 2.2
Musso 2.9 TD		04.98-	112578	14 75		05.97-	111065	12 2.2
Musso 3.2 4WD	[M104.992]	06.96-	112194	14 120				
Rexton 2.7 XDi	[D27DT]					08.04- 08.04-	111065 114270	12 2.2 12 2.2
Rexton 2.9 TD	[OM602.962]					09.02- 04.02- 04.02-	111065 114270 112440	12 2.2 12 2.2 12 2.2
Rodius 2.7 XDi	[D27DT]					05.05- 05.05-	112440 114270	12 2.2 12 2.2
Rodius 2.7 XDi 4WD	[D27DT]					05.05- 05.05-	112440 114270	12 2.2 12 2.2
Various Models		10.86-	112529	14 90		07.96- 07.96-	111065 111347	12 2.2 12 1.2
<b>PASSENGER CARS AO</b>								
Istana 2.9 Diesel	[OM602.940]					07.96-	111065	12 2.2
Stavic 270 2.7 SXDi	[D27DT]					02.05- 02.05-	112440 114270	12 2.2 12 2.2
Stavic 270 2.7 SXDi 4WD	[D27DT]					02.05-	114270	12 2.2
<b>TRUCKS EU</b>								
Cargo 14.6	[OM442.]	01.93-	110895	28 55		01.93-	110210	24 6.6
Mixer 69T 14.6	[OM442.]	01.93-	110895	28 55		01.93-	110210	24 6.6
<b>Steiner</b>								
<b>AGRICULTURE</b>								
230	[Kubota]		113856	14 40				
<b>Sterling</b>								
<b>PASSENGER CARS US</b>								
825 2.5 S						01.87- 01.88	111546#	12 1.6
825 2.5 SL						01.87- 01.88	111546#	12 1.6
827 2.7 S						01.89- 01.91	111546#	12 1.6
827 2.7 SL						01.89- 01.91	111546#	12 1.6
827 2.7 SLI						01.89- 01.91	111546#	12 1.6
<b>TRUCKS US</b>								
Various Models 11.9 ISX	[Cummins]		114359	14 170				



Steyr									
TRUCKS EU									
590.110 6.0	[WD610.00]	01.75- 12.82	112098	14	65				
	[WD610.01]	01.69- 12.82	112098	14	65				
	[WD610.19]	01.75- 12.82	112098	14	65				
690.110 6.0	[WD610.01]	01.69- 12.82	112098	14	65				
	[WD610.00]	01.69- 12.79	112098	14	65				
790.132 6.0	[WD610.19]	01.69- 12.79	112098	14	65				
	[WD610.60]	01.71- 12.79	112098	14	65				
790.150 6.0	[WD610.69]	01.71- 12.79	112098	14	65				
	[WD610.70]	01.71- 12.79	112098	14	65				
	[WD610.00]	01.68- 12.79	112098	14	65				
890.132 6.0	[WD610.19]	01.68- 12.79	112098	14	65				
	[WD610.60]	01.68- 12.79	110766	28	27				
890.150 6.0	[WD610.69]	01.68- 12.79	110766	28	27				
	[WD610.70]	01.68- 12.79	110766	28	27				
	[WD614.01]	01.68- 12.78	110766	28	27	01.68- 12.78	110601	24	5.4
991.200 9.7	[WD614.20]	01.68- 12.78	110766	28	27	01.68- 12.78	110601	24	5.4
	[WD615..]					05.78- 12.87	110601	24	5.4
	[WD615.00]						110601	24	5.4
1290.320 12.0	[WD615.20]						110601	24	5.4
	[WD815.60]	01.71- 12.78	110766	28	27	01.71- 12.78	110208	24	5.4
	[WD815.70]	01.71- 12.78	110766	28	27				
1291.260 9.7	[WD615..]					05.78- 12.82	110601	24	5.4
	[WD615.60]						110601	24	5.4
	[WD615.61]						110601	24	5.4
	[WD615.70]						110601	24	5.4
	[WD615.71]						110601	24	5.4
1490.320 12.0	[WD815.60]	01.71- 12.78	110766	28	27	01.71- 12.78	110208	24	5.4
	[WD815.70]	01.71- 12.78	110766	28	27	01.72- 12.78	110208	24	5.4
1491.260 9.7	[WD615..]					05.78- 12.82	110601	24	5.4
	[WD615.61]						110601	24	5.4
	[WD615.70]						110601	24	5.4
	[WD615.71]						110601	24	5.4
1491.280 9.7	[WD615.65]						110533	24	5.4
	[WD615.67]						110533	24	5.4
	[WD615.69]						110533	24	5.4
	[WD615.75]						110533	24	5.4
	[WD615.77]						110533	24	5.4
1890.320 12.0	[WD815.60]	01.75- 12.79	110766	28	27				
10 S 14 6.6	[WD 612..]					04.86-	110527	24	4.0
10 S 18 6.6	[WD 612..]					04.86-	110527	24	4.0
11 S 14 6.6	[WD 612..]					07.89-	110527	24	4.0
11 S 18 6.6	[WD 612..]					07.89-	110527	24	4.0
12 M 18 6.6	[WD 612..]	09.86-	110117	28	35				
12 S 14 6.6	[WD 612..]					04.86-	110527	24	4.0
12 S 18 6.6	[WD 612..]					04.86-	110527	24	4.0
12 S 21 6.6	[WD 612..]					04.86-	110527	24	4.0
1290.230 1290.240 8.1	[WD614.60]	01.68- 12.78	110766	28	27				
	[WD614.69]	01.68- 12.78	110766	28	27				
	[WD614.79]	01.68- 12.78	110766	28	27				
13 S 14 6.6	[WD 612..]	09.88-	112288	28	55	09.88-	110527	24	4.0
13 S 18 6.6	[WD 612..]	09.88-	112288	28	55	09.88-	110527	24	4.0
13 S 21 6.6	[WD 612..]	07.89-	112288	28	55	09.88-	110527	24	4.0
13 S 23 6.6	[WD 612..]	07.89-	112288	28	55				
14 S 14 6.6	[WD 612..]	06.86-	112288	28	55	04.86-	110527	24	4.0
14 S 18 6.6	[WD 612..]	04.86-	112288	28	55	04.86-	110527	24	4.0
14 S 21 6.6	[WD 612..]	04.86-	112288	28	55	04.86-	110527	24	4.0
15 S 14 6.6	[WD 612..]	04.86-	112288	28	55				
15 S 18 6.6	[WD 612..]	04.86-	112288	28	55	04.86-	110527	24	4.0
15 S 21 6.6	[WD 612..]	04.86-	112288	28	55	04.86-	110527	24	4.0
15 S 23 6.6	[WD 612..]	04.86-	112288	28	55	04.86-	110527	24	4.0
16 S 18 6.6	[WD 612..]					04.86-	110527	24	4.0
16 S 21 6.6	[WD 612..]					04.86-	110527	24	4.0
16 S 23 6.6	[WD 612..]	04.86-	112288	28	55				
17 S 18 6.6	[WD 612..]	09.88-	112288	28	55	09.88-	110527	24	4.0
17 S 21 6.6	[WD 612..]	09.88-	112288	28	55	09.88-	110527	24	4.0
17 S 23 6.6	[WD 612..]	09.88-	112288	28	55				
19 S 24 9.7	[WD 615..]	01.88-	112288	28	55	01.88-	110533	24	5.4
19 S 28 9.7	[WD 615..]	01.88-	112288	28	55	01.88-	110533	24	5.4
19 S 31 9.7	[WD 615..]	10.87-	112288	28	55	10.87-	110533	24	5.4
19 S 34 12.0	[WD 815..]	10.87- 06.96	112288	28	55	10.87- 06.96	110208	24	5.4
19 S 37 12.0	[WD 815..]	10.87- 06.96	112288	28	55	10.87- 06.96	110208	24	5.4
19 S 39 12.0	[WD 815..]	05.90- 06.96	112288	28	55	05.90- 06.96	110208	24	5.4
22 S 28 9.7	[WD 615..]	01.88-	112288	28	55	01.88-	110533	24	5.4
22 S 31 9.7	[WD 615..]	10.87-	112288	28	55	10.87-	110533	24	5.4
22 S 34 12.0	[WD 815..]	10.87- 06.96	112288	28	55	10.87- 06.96	110208	24	5.4
22 S 37 12.0	[WD 815..]	10.87- 06.96	112288	28	55	10.87- 06.96	110208	24	5.4
26 S 28 9.7	[WD 615..]	01.88-	112288	28	55	01.88-	110533	24	5.4
26 S 31 9.7	[WD 615..]	10.87-	112288	28	55	10.87-	110533	24	5.4
26 S 34 12.0	[WD 815..]	10.87- 06.96	112288	28	55	10.87- 06.96	110208	24	5.4
26 S 37 12.0	[WD 815..]	10.87- 06.96	112288	28	55	10.87- 06.96	110208	24	5.4
32 S 28 9.7	[WD 615..]	01.88-	112288	28	55	01.88-	110533	24	5.4
32 S 31 9.7	[WD 615..]	10.87-	112288	28	55	10.87-	110533	24	5.4
32 S 34 12.0	[WD 815..]	10.87- 06.96	112288	28	55	10.87- 06.96	110208	24	5.4
32 S 37 12.0	[WD 815..]	10.87- 06.96	112288	28	55	10.87- 06.96	110208	24	5.4
33 S 31 9.7	[WD 615..]	10.87-	112288	28	55	10.87-	110533	24	5.4
33 S 34 12.0	[WD 815..]	10.87- 06.96	112288	28	55	10.87- 06.96	110208	24	5.4

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**STEYR** *Continued*

40 S 31 9.7	[WD 615..]	01.88-	112288	28 55		01.88-	110533	24 5.4	
40 S 34 12.0	[WD 815..]	01.88- 06.96	112288	28 55		01.88- 06.96	110208	24 5.4	
40 S 37 12.0	[WD 815..]	01.88- 06.96	112288	28 55		01.88- 06.96	110208	24 5.4	
Various Models								114435	24 7.5
<b>AGRICULTURE</b>									
8050 2.6	[WD 311..]	09.86-	113469	14 33					
8060 2.6	[WD 311..]	09.80- 02.87	113469	14 33					
8065 2.6	[WD 311..]	09.86- 09.94	113469	14 33					
8070 3.5	[WD 411..]	01.80- 09.94	113469	14 33		01.80-	111001	12 3.0	
8075 3.5	[WD 411..]	01.84- 09.94	113469	14 33		01.84-	111001	12 3.0	
8080 3.5	[WD 411..]	01.80- 09.94	113469	14 33		01.80-	111001	12 3.0	
8085 3.5	[WD 411..]					02.90-	111001	12 3.0	
8090 3.5	[WD 411..]					01.84-	111001	12 3.0	
8110 5.2	[WD 611..]	07.84- 09.94	113469	14 33		12.78-	111001	12 3.0	
8130 5.2	[WD 611..]	07.84- 09.94	113469	14 33		10.84-	111001	12 3.0	
8150 6.6	[WD 612..]	12.82- 09.94	113469	14 33					
8300 9.7	[WD615..]					02.82- 04.87	110601	24 5.4	
<b>Subaru</b>									
<b>PASSENGER CARS EU</b>									
Forester 2.0	[EJ20]	09.02-	114214	14 80		AT 06.98-	111451	12 1.4	
		06.98- 09.02	113634	14 90		06.98-	111552	12 1.0	
Forester 2.0 4WD	[EJ20]					AT 08.97-	111451	12 1.4	
						08.97-	111552	12 1.0	
Forester 2.0 Turbo S	[EJ20]	09.02-	114214	14 80		AT 06.98-	111451	12 1.4	
		06.98- 04.01	113634	14 90		06.98-	111552	12 1.0	
	[EJ205]	04.01- 09.02	113634	14 90		AT 07.98-	111451	12 1.4	
						07.98-	111552	12 1.0	
Forester 2.5	[EJ25]	12.03-	114214	14 80					
Forester 2.5 4x4	[EJ25D]	07.97- 05.02	114214	14 80					
Forester 2.5 Turbo 4x4		09.98- 05.02	114214	14 80					
Impreza 1.5	[EL15]	05.06-	114214	14 80					
Impreza 1.5 4x4	[EL15]	02.08-	114214	14 80					
Impreza 1.6	[EJ16]	12.00-	113634	14 90		12.00- 06.01	111552	12 1.0	
	[EJ161]	06.01- 09.06	114214	14 80					
	[EJ16E]	12.96- 12.00	113634	14 90		12.96-	111552	12 1.0	
Impreza 1.6 4WD	[EJ16E]	12.96- 12.00	113634	14 90		12.96-	111552	12 1.0	
Impreza 1.6 i	[EJ16]	06.98- 12.00	113634	14 90		08.92- 12.00	111552	12 1.0	
Impreza 1.6 i 4WD	[EJ16]	06.98- 12.00	113634	14 90		08.92- 12.00	111552	12 1.0	
Impreza 1.8 i 4WD	[EJ18]	08.92- 12.00	113315	14 85		08.92-	111552	12 1.0	
						AT 08.92-	111451	12 1.4	
Impreza 2.0	[EJ20]	12.00-	113634	14 90		AT 12.00-	111451	12 1.4	
						12.00-	111552	12 1.0	
Impreza 2.0 4WD	[EJ20]	12.95- 12.00	113634	14 90		12.95-	111552	12 1.0	
						AT 12.95-	111451	12 1.4	
Impreza 2.0 16V AWD	[EJ20]	06.98- 12.00	113634	14 90		06.98- 12.00	111552	12 1.0	
Impreza 2.0 i 4WD	[EJ20]	10.95- 12.00	113634	14 90		10.95- 12.00	111552	12 1.0	
						AT 10.95- 12.00	111451	12 1.4	
Impreza 2.0 i Turbo 4WD	[EJ20]	03.94- 12.00	113634	14 90		03.94-	111552	12 1.0	
						AT 03.94-	111451	12 1.4	
	[EJ207]	11.01-	113634	14 90		11.01-	111552	12 1.0	
Impreza 2.0 i Turbo GT 4WD	[EJ20]	03.94- 12.00	113634	14 90		AT 03.94-	111451	12 1.4	
						03.94-	111552	12 1.0	
Impreza 2.0 Turbo	[EJ205]	12.00-	113634	14 90		AT 07.01-	111451	12 1.4	
Impreza 2.0 Turbo 4WD	[EJ20G]					12.93- 07.98	111552	12 1.0	
Impreza 2.0 Turbo GT 4WD	[EJ205]	06.98- 12.00	113634	14 90		06.98- 12.00	111552	12 1.0	
		06.98- 12.00	113634	14 90		06.98- 12.00	111552	12 1.0	
Impreza 2.0 Turbo WRX	[EJ205]	12.00-	113634	14 90		AT 07.01-	111451	12 1.4	
Impreza 2.0 Turbo WRX 4WD	[EJ205]	12.02-	113634	14 90		12.02-	111451	12 1.4	
		12.02-	114214	14 80					
Justy 1.0 1000	[EF10]					11.84- 06.89	111182#	12 0.8	
Justy 1.0 1000 4WD	[EF10]					11.84- 12.90	111182#	12 0.8	
Justy 1.2 1200	[EF12]					10.86- 12.90	111182#	12 0.8	
Justy 1.2 1200 4WD	[EF12]					05.87-	111182#	12 0.8	
Justy 1.3	[M13A]	09.03-	114023	14 70					
Justy 1.5	[M15A]	09.03-	114023	14 70					
Lagacy 2.0	[EJ20]	12.98- 08.03	113634	14 90		AT 12.98-	111451	12 1.4	
						12.98-	111552	12 1.0	
Lagacy 2.5	[EJ25]	12.98- 08.03	113634	14 90		12.98-	111552	12 1.0	
						AT 12.98-	111451	12 1.4	
Lagacy 1.8 1800	[EJ18SPI]	01.89- 07.94	111611	14 70		AT 02.90- 07.94	111454#	12 1.4	
						AT 01.89- 01.90	111451	12 1.4	
						01.89- 07.94	111552	12 1.0	
Lagacy 1.8 1800 4WD	[EJ18]	01.89- 07.94	111611	14 70		01.89- 07.94	111552	12 1.0	
						AT 01.89- 01.90	111451	12 1.4	
						02.90- 07.94	111454#	12 1.4	
Lagacy 2.0	[EJ20]	04.99- 08.03	113634	14 90		AT 04.99-	111451	12 1.4	
						04.99-	111552	12 1.0	
Lagacy 2.0 2000	[EJ20EMPI]	09.91- 12.93	111611	14 70		AT 05.92- 12.93	111451	12 1.4	
						05.92- 12.93	111552	12 1.0	
Lagacy 2.0 2000 4WD	[EJ20]	05.92-	111611	14 70		AT 05.92-	111454#	12 1.4	
						05.92-	111552	12 1.0	
Lagacy 2.0 i	[EJ20E]	09.94-	113315	14 85		09.94-	111552	12 1.0	
						AT 09.94-	111454#	12 1.4	
	[EJ20EMPI]	09.94-	113315	14 85		09.94-	111552	12 1.0	
						AT 09.94-	111454#	12 1.4	
Lagacy 2.0 i 4WD	[EJ20]	09.94-	113315	14 85		AT 09.94-	111454#	12 1.4	
						AT 01.94- 08.98	111451	12 1.4	
						09.94-	111552	12 1.0	
Lagacy 2.0 Turbo 2000 4WD	[EJ20-GN]	05.92-	111611	14 70		05.92- 12.93	111552	12 1.0	

**STARTERS & ALTERNATORS**

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Legacy 2.2 2200 4WD	[EJ22]	01.89-	111611	14	70	01.89- AT 01.89- 01.90 02.90-	111552 111451 111454#	12	1.0 1.4 1.4
Legacy 2.2 i	[EJ22]	09.94-	113315	14	85	09.94- AT 01.94- 05.97 09.94-	111552 111451 111454#	12	1.0 1.4 1.4
Legacy 2.2 i 4WD	[EJ22]	06.96-	113315	14	85	AT 01.94- 05.97 01.94- 05.96	111451 111552	12	1.4 1.0
Legacy 2.5	[EJ25]	10.98- 08.03	113634	14	90	09.03-	111451	12	1.4
	[EJ25D]	06.96-	113315	14	85	06.96- 08.98	111451	12	1.4
Legacy 2.5 i 4WD	[EJ25D]	06.96-	113315	14	85	06.96- 11.98	111451	12	1.4
Legacy 3.0	[EZ30]					09.03- 09.03-	111451 111454#	12	1.4 1.4
Legacy 3.0 H6	[EZ30]					10.00-	111451	12	1.4
Leone 1.3 1300	[EA65]	03.79- 10.84 11.84- 09.91 PS 11.84- 09.91	110129 110703 110267	14	50 55 55				
Leone 1.6	[EA71]	01.90-	110703	14	55				
Leone 1.6 1600	[EA71]	03.79- 10.84 11.84- 09.91 PS 11.84- 09.91	110129 110703 110267	14	50 55 55				
Leone 1.6 4x4	[EA71]	01.90-	110703	14	55				
Leone 1.8 1800 4WD	[EA81]	09.80- 10.84 09.80- 10.84	110129 110703	14	50 55				
	[EA82]	11.84- 12.90 12.86- 07.91 PS 11.84- 12.90	110703 110267 110267	14	55 55 55	AT 11.84- 07.91	111451	12	1.4
Leone 1.8 1800 Super 4WD	[EA81]	09.80- 10.84 09.80- 10.84	110129 110703	14	50 55				
Leone 1.8 1800 Turismo 4WD	[EA81]	09.80- 10.84	110703	14	55				
Leone 1.8 Turbo 1800 4WD	[EA82]	11.84- 12.90 03.89- 12.90 PS 03.89- 12.90	110267 110703 110267	14	55 55 55	AT 11.84- 12.90	111451	12	1.4
Leone 1.8 Turbo 1800 Super 4WD	[EA82]	11.84- 12.90 PS 11.84- 12.90	110703 110267	14	55 55	AT 11.84- 12.90	111451	12	1.4
Outback 2.5	[EJ25]	10.00- 08.03	113634	14	90				
	[EJ25D]					11.03-	111451	12	1.4
Outback 3.0	[EZ30]					11.03-	111451	12	1.4
Rex 0.5 550	[EK23]	08.81- 06.87	110385	14	40	10.85- 06.87	111182#	12	0.8
Rex 0.5 550 4WD	[EK23]	08.83- 06.87	110385	14	40	10.85- 06.87	111182#	12	0.8
Rex 0.5 Turbo 550		07.84- 06.87	110385	14	40	10.85- 06.87	111182#	12	0.8
Rex 0.7 700	[EK42]	08.82- 06.89	110385	14	40	10.85- 06.89	111182#	12	0.8
SVX 3.3 i 24V	[EG33]					09.92-	111451	12	1.4
Vivio 0.65 660 4WD	[EN07E]					03.92- 10.95	111451	12	1.4
<b>PASSENGER CARS US</b>									
Baja 2.5	[EJ253]	01.03- 01.03	113634	14	90	01.03- 01.03 01.03- 01.03	111552 111454#	12	1.0 1.4
Baja 2.5 Sport	[EJ253]	01.05-	113634	14	90				
Baja 2.5 Turbo	[EJ255]	01.04-	113634	14	90				
Brat 1.8	[EA81]	01.80-	110267	14	55				
Brat 1.8 DL						01.81- 01.83	111451	12	1.4
Brat 1.8 GL		01.85- 01.87	110267	14	55	01.81- 01.87	111451	12	1.4
Brat 1.8 Turbo GL		01.84-	110267	14	55	01.84-	111451	12	1.4
Deluxe 1.3		01.72- 01.72	110128	14	35				
Deluxe 1.4		01.73- 01.73	110128	14	35				
DL 1.4		01.74- 01.74	110128	14	35				
DL 1.6		01.82- 01.84	110267	14	55				
DL 1.8						01.80- 01.89	111451	12	1.4
Forester 2.5	[EJ253]					01.99- 01.99 01.99- 01.99	111451 111552	12	1.4 1.0
	[EJ25D]					01.98- 01.98 01.98- 01.98	111451 111552	12	1.4 1.0
Forester 2.5 L	[EJ25D]					01.98- 01.98	111451	12	1.4
						01.98- 01.98	111552	12	1.0
Forester 2.5 S	[EJ25D]					01.98- 01.98	111451	12	1.4
						01.98- 01.98	111552	12	1.0
Forester 2.5 X	[251]	01.03- 01.03	113634	14	90				
	[253]	01.05-	113634	14	90				
Forester 2.5 XS	[251]	01.03- 01.03	113634	14	90				
	[253]	01.05-	113634	14	90				
Forester 2.5 Turbo XT	[255]	01.04-	113634	14	90				
GL 1.3		01.72- 01.72	110128	14	35				
GL 1.4		01.73- 01.74	110128	14	35				
GL 1.6		01.86- 01.87	110267	14	55				
GL 1.8						01.80- 01.89	111451	12	1.4
GL 1.8 Turbo		01.83- 01.84	110267	14	55	01.83- 01.89	111451	12	1.4
GL-10 1.8						01.85- 01.88	111451	12	1.4
GL-10 1.8 Turbo						01.86- 01.89	111451	12	1.4
GLF 1.8						01.80- 01.82	111451	12	1.4
Impreza 1.8		01.93- 01.95	113315	14	85	01.93- 01.95	111451	12	1.4
						01.93- 01.95	111552	12	1.0
Impreza 1.8 4WD		01.93- 01.93	113315	14	85	01.93- 01.93	111451	12	1.4
						01.93- 01.93	111552	12	1.0
Impreza 1.8 Brighton						01.96- 01.96 01.96- 01.97	111451 111552	12	1.4 1.0
Impreza 1.8 L		01.93- 01.96	113315	14	85	01.93- 01.96	111451	12	1.4
						01.93- 01.96	111552	12	1.0
Impreza 1.8 L 4X4		01.95- 01.95	113315	14	85	01.95- 01.95	111552	12	1.0
						01.95- 01.95	111451	12	1.4

## STARTERS & ALTERNATORS

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Application list

SUBARU Continued

Impreza 1.8 LS		01.93- 01.94	113315	14	85	01.93- 01.94	111451	12	1.4
						01.93- 01.94	111552	12	1.0
Impreza 1.8 Outback						01.95- 01.95	111451	12	1.4
						01.95- 01.95	111552	12	1.0
Impreza 2.2	[EJ222]					01.00- 01.01	111451	12	1.4
	[EJ22EZ]					01.00- 01.01	111552	12	1.0
						01.98- 01.99	111451	12	1.4
						01.98- 01.99	111552	12	1.0
Impreza 2.2 Brighton						01.97- 01.97	111552	12	1.0
						01.97- 01.97	111451	12	1.4
Impreza 2.2 L						01.96- 01.97	111552	12	1.0
						01.96- 01.96	111451	12	1.4
Impreza 2.2 LX		01.95- 01.95	113315	14	85	01.96- 01.96	111552	12	1.0
						01.95- 01.96	111451	12	1.4
Impreza 2.2 Outback	[EJ222]					01.00- 01.01	111451	12	1.4
	[EJ22EZ]					01.00- 01.01	111552	12	1.0
						01.98- 01.99	111451	12	1.4
						01.98- 01.99	111552	12	1.0
						01.96- 01.96	111451	12	1.4
						01.96- 01.97	111552	12	1.0
Impreza 2.5 Outback	[251]					01.02- 01.03	111451	12	1.4
						01.02- 01.03	111552	12	1.0
Impreza 2.5 RS	[251]					01.02- 01.03	111451	12	1.4
	[253]	01.05-	113634	14	90	01.02- 01.03	111552	12	1.0
	[EJ251]					01.00- 01.01	111451	12	1.4
						01.00- 01.00	111552	12	1.0
						01.01- 01.01	113038	12	0.7
	[EJ253]					01.99- 01.99	111451	12	1.4
						01.99- 01.99	111552	12	1.0
	[EJ25D]					01.98- 01.98	111451	12	1.4
						01.98- 01.98	111552	12	1.0
Impreza 2.5 TS	[251]					01.02- 01.03	111451	12	1.4
						01.02- 01.03	111552	12	1.0
Justy 1.2 DL						01.87- 01.92	111182#	12	0.8
Justy 1.2 GL						01.87- 01.94	111182#	12	0.8
Justy 1.2 RS						01.89- 01.89	111182#	12	0.8
Legacy 2.2	[EJ22E]					01.99- 01.99	111454#	12	1.4
						01.99- 01.99	111552	12	1.0
		01.90- 01.90	111611	14	70	01.90- 01.95	111552	12	1.0
						01.90- 01.95	111454#	12	1.4
						01.90- 01.90	111451	12	1.4
Legacy 2.2 4WD		01.93- 01.94	111611	14	70	01.93- 01.94	111454#	12	1.4
						01.93- 01.94	111552	12	1.0
Legacy 2.2 Brighton						01.95- 01.98	111552	12	1.0
						01.95- 01.98	111454#	12	1.4
Legacy 2.2 GT		01.94- 01.94	111611	14	70	01.94- 01.94	111552	12	1.0
						01.94- 01.94	111454#	12	1.4
Legacy 2.2 L		01.90- 01.94	111611	14	70	01.90- 01.98	111454#	12	1.4
						01.90- 01.98	111552	12	1.0
						01.90- 01.94	111451	12	1.4
Legacy 2.2 L 4X4		01.92- 01.93	111611	14	70	01.92- 01.93	111552	12	1.0
						01.92- 01.93	111454#	12	1.4
Legacy 2.2 L Alpine		01.94- 01.94	111611	14	70	01.94- 01.94	111552	12	1.0
						01.94- 01.94	111454#	12	1.4
Legacy 2.2 L Outdoor		01.94- 01.94	111611	14	70	01.94- 01.94	111454#	12	1.4
						01.94- 01.94	111552	12	1.0
Legacy 2.2 L Sunsport		01.94- 01.94	111611	14	70	01.94- 01.94	111552	12	1.0
						01.94- 01.94	111454#	12	1.4
Legacy 2.2 LS		01.90- 01.94	111611	14	70	01.90- 01.96	111454#	12	1.4
						01.90- 01.96	111552	12	1.0
						01.90- 01.94	111451	12	1.4
Legacy 2.2 LS 4X4		01.92- 01.93	111611	14	70	01.92- 01.93	111552	12	1.0
						01.92- 01.93	111454#	12	1.4
Legacy 2.2 LS SP		01.91- 01.93	111611	14	70	01.91- 01.93	111552	12	1.0
						01.91- 01.93	111454#	12	1.4
Legacy 2.2 LSI		01.91- 01.95	111611	14	70	01.91- 01.95	111454#	12	1.4
						01.91- 01.95	111552	12	1.0
Legacy 2.2 Outback						01.95- 01.96	111552	12	1.0
						01.95- 01.96	111454#	12	1.4
Legacy 2.2 Postal						01.95- 01.98	111552	12	1.0
						01.95- 01.98	111454#	12	1.4
Legacy 2.2 Turbo 4WD		01.92- 01.92	111611	14	70	01.92- 01.92	111454#	12	1.4
						01.92- 01.92	111552	12	1.0
Legacy 2.2 Turbo Sport		01.91- 01.94	111611	14	70	01.91- 01.94	111454#	12	1.4
						01.91- 01.94	111552	12	1.0
Legacy 2.5	[EJ251]	01.00- 01.00	113634	14	90	01.00- 01.00	111552	12	1.0
	[EJ252]	01.00- 01.00	113634	14	90	01.00- 01.00	111454#	12	1.4
						01.00- 01.00	111552	12	1.0
						01.00- 01.00	111454#	12	1.4
	[EJ253]	01.01- 01.03	113634	14	90	01.01- 01.03	111552	12	1.0
						01.01- 01.03	111454#	12	1.4
	[EJ25D]					01.99- 01.99	111454#	12	1.4
						01.99- 01.99	111552	12	1.0
Legacy 2.5 GT						01.96- 01.98	111454#	12	1.4
						01.96- 01.98	111552	12	1.0
Legacy 2.5 Limited						01.97- 01.98	111454#	12	1.4
						01.97- 01.98	111552	12	1.0



Legacy 2.5 LSI						01.96- 01.97	111552	12	1.0	
Legacy 2.5 OUTBACK	[EJ25D]					01.96- 01.97	111454#	12	1.4	
						01.99- 01.99	111454#	12	1.4	
						01.99- 01.99	111552	12	1.0	
						01.96- 01.98	111552	12	1.0	
						01.96- 01.98	111454#	12	1.4	
Loyale 1.8						01.90- 01.94	111451	12	1.4	
Loyale 1.8 RS						01.90- 01.90	111451	12	1.4	
Loyale 1.8 Turbo						01.90- 01.90	111451	12	1.4	
Loyale 1.8 Turbo RS						01.90- 01.90	111451	12	1.4	
Outback 2.5	[EJ253]	01.01- 01.03	113634	14	90	01.01- 01.03	111552	12	1.0	
						01.01- 01.03	111454#	12	1.4	
Outback 3.0	[EZ30D]					01.01- 01.03	111454#	12	1.4	
RX 1.8 Turbo						01.86- 01.89	111451	12	1.4	
Standard 1.6		01.82- 01.87	110267	14	55					
Standard 1.8						01.81- 01.87	111451	12	1.4	
Star 1.3		01.72- 01.72	110128	14	35					
SVX 3.3 4WD						01.94- 01.94	111451	12	1.4	
SVX 3.3 L						01.94- 01.97	111451	12	1.4	
SVX 3.3 LS						01.92- 01.95	111451	12	1.4	
SVX 3.3 LSI						01.94- 01.97	111451	12	1.4	
SVX 3.3 LSL						01.92- 01.94	111451	12	1.4	
XT 1.8 DL						01.85- 01.88	111451	12	1.4	
XT 1.8 GL						01.85- 01.91	111451	12	1.4	
XT 1.8 GL-10						01.87- 01.87	111451	12	1.4	
XT 1.8 Turbo GL						01.87- 01.87	111451	12	1.4	
XT 1.8 Turbo GL-10						01.85- 01.87	111451	12	1.4	
XT 6 2.7						01.89- 01.91	111451	12	1.4	
<b>PASSENGER CARS AO</b>										
Forester 2.5 RX Nato 4WD						11.02- 08.05	111451	12	1.4	
Impreza 2.0	[EJ201]	09.98- 09.00	113634	14	90					
Impreza 2.0 4WD	[EJ205P]	10.05-	114214	14	80					
		09.98- 09.00	113634	14	90					
Impreza 2.0 WRX STi 4WD	[EJ208]	10.05-	114214	14	80					
Impreza 2.2 GX 4WD	[EJ22E]	09.98- 09.00	113634	14	90					
		11.95- 08.98	113634	14	90					
Legacy 1.6	[EJ16]					05.90-	111552	12	1.0	
<b>MOTORS</b>										
Various Models							112659	12	1.0	
<b>Sumitomo</b>										
<b>FORK LIFTS</b>										
Various Models			111495	14	40			111005	12	0.8
<b>Suzuki</b>										
<b>PASSENGER CARS EU</b>										
Alto 0.8	(SB308,CA)[F8B]	01.86- 11.93	110385	14	40	01.86- 11.93	111561	12	0.6	
Alto 1.0	(EF)[G10B]	01.00-	110967	14	50	10.94-	111310	12	0.8	
	[G10BB]	09.94-	111279	14	50	09.94-	111310	12	0.8	
Alto 1.1	[F10D, F10DN]	06.02-	111779	14	70	06.02-	111310	12	0.8	
Baleno 1.3	(EG)[G13BA]	09.96-	111779	14	70	09.96-	111310	12	0.8	
Baleno 1.3 16V	[G13BB]	03.97-	111779	14	70	03.97-	111310	12	0.8	
Baleno 1.3 i 16V	[G13BB]	04.95-	111779	14	70	07.95-	111310	12	0.8	
Baleno 1.6 i 16V	[G16B]	07.95-	111779	14	70	07.95-	111310	12	0.8	
		07.95-	111950	14	85					
Baleno 1.6 i 16V 4WD	[G16B]	04.95-	111779	14	70	07.95-	111310	12	0.8	
Baleno 1.8 GT	(EG)[J18A]	03.96-	111779	14	70	▲				
	[J18A]	03.96-	111779	14	70	▲				
Baleno 1.8 i 16V	[J18A]	08.96-	111779	14	70	▲				
Baleno 1.9 TD	(EG)[XUD9]	04.98-	113485	14	80					
	[XUD9]	04.98-	113485	14	80					
Carry 0.8	(ST90V)[F8A]	11.80- 10.85	110258	14	35	04.78- 11.87	110402	12	0.6	
Carry 1.0	(ED)[F10A]	10.85- 03.99	110385	14	40	10.85- 03.99	110402	12	0.6	
						10.85- 03.99	111385	12	0.6	
Carry 1.3	(FD)[G13B]					03.99-	114773*	12	0.8	
Carry 1.3 16V	(FD)[G13BB]					03.00-	114773*	12	0.8	
Grand Vitara 1.6	[G16B]	03.98-	111779	14	70	03.98-	110394	12	0.85	
		03.98-	113322	14	60					
	[M16A]	10.05-	114881	14	80	10.05-	114060	12	1.0	
Grand Vitara 1.9 DDIS	[F9Q]	10.05-	115305	14	140	10.05-	112474	12	1.8	
Grand Vitara 2.0	[J20A]	10.05-	111779	14	70	03.98-	110394	12	0.85	
		10.05-	114881	14	80	AT 10.05-	112300	12	1.4	
		03.98-	113322	14	60					
Grand Vitara 2.0 4x4	(FT, GT)[J20A]	04.98- 08.05	111779	14	70	AT 01.00- 08.05	114225	12	1.6	
						04.98- 08.05	112300	12	1.4	
Grand Vitara 2.0 Hdi	(FT, GT)[RHZ]					07.01- 07.03	114061	12	2.0	
	[RHW]	07.01-	112461	14	150 A47	11.00- 12.05	114061	12	2.0	
		07.01- 07.03	114798	14	150 A46					
	[RHZ]	07.01- 07.03	114798	14	150 A46	11.00- 12.05	114061	12	2.0	
Grand Vitara 2.0 TD Intercooler	[RF]	03.98-	112332	14	70	03.98-	110389	12	2.0	
Grand Vitara 2.5 V6 24V	(FT, GT)[H25A]					08.04-	112300	12	1.4	
Grand Vitara 2.7 XL-7	(FT, GT)[H27A]					04.03- 07.03	112300	12	1.4	
Grand Vitara 2.7 V6	[H27A]					09.01-	112300	12	1.4	
Ignis 1.3	(FH)[M13A]	10.00- 09.03	111779	14	70					
	[M13A]	09.03-	114023	14	70					
Ignis 1.3 4WD	(FH)[M13A]	10.00- 09.03	111779	14	70					
Ignis 1.3 4x4	[M13A]	09.03-	114023	14	70	09.03-	115349	12	1.2	
Ignis 1.3 DDIS	[Z13DT]	09.03-	113720	14	75	09.03-	113843	12	1.1	
		09.03-	113722	14	90					
Ignis 1.5	(FH)[M15A]	08.03- 12.05	114215	14	75					

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



SUZUKI Continued

Application list

	[M15A]	09.03-09.03-	114023 14 70 114215 14 75		09.03-	115349	12 1.2
Ignis 1.5 4WD	[M15A]	09.03-09.03-	114023 14 70 114215 14 75		09.03-	115349	12 1.2
Ignis 1.5 Sport	(FH)[M15A]	12.03-	114215 14 75				
Jimny 1.3 16V	(FJ)[M13A]	02.01-	113322 14 60		02.01-	110394	12 0.85
	[G13BB]	09.98-10.98-	111779 14 70 113322 14 60		09.98-	110394	12 0.85
Jimny 1.3 16V 4WD	(FJ)[M13A]	02.01-02.01-	111779 14 70 113322 14 60		02.01-08.05-	110394	12 0.85 12 1.2
	[G13BB]	09.98-09.98-	111779 14 70 113322 14 60		09.98-	110394	12 0.85
Jimny 1.5 DDIS 4WD	(FJ)[K9K]				08.05-	113897	12 1.4
	[K9K700]	12.03-08.05-	114207 14 100		12.03-	113927	12 1.1
Liana 1.3	(ER)[M13A]	07.01-07.01-	111779 14 70 113322 14 60		07.01-	115349	12 1.2
	[M13A]	07.01-03.02-	114215 14 75 111779 14 70		03.02-	115349	12 1.2
		03.02-03.02-	113322 14 60 114023 14 70				
Liana 1.4 DDIS	(ER)[8HY]	03.05-	113755 14 150				
Liana 1.6	(ER)[M16A]	07.01-07.01-	111779 14 70 113322 14 60		07.01-	115349	12 1.2
	[M16A]	07.01-03.02-	114215 14 75 111779 14 70		04.02-	114060	12 1.0
		03.02-03.02-	113322 14 60 114215 14 75		03.02-	115349	12 1.2
Liana 1.6 4WD	(ER)[M16A]	07.01-07.01-	111779 14 70 113322 14 60		07.01-	115349	12 1.2
	[M16A]	07.01-03.02-	114215 14 75 111779 14 70		03.02-	115349	12 1.2
		03.02-03.02-	113322 14 60 114215 14 75				
LJ 80 0.8 4WD	[F8A]	01.80-01.84-	110258 14 35		10.77-10.82-	110421	12 0.8
Samurai 1.0	(SJ410)[F10A]				11.88-	111475	12 0.8
Samurai 1.3	(SJ413)[G13A]	11.88-	110965 14 50		11.88-	110394	12 0.85
	[G13BA]	11.88-	110965 14 50		11.88-	110394	12 0.85
Samurai 1.9 TD	(SJ)[XUD9]	11.98-	112292 14 70		11.98-	113481	12 1.4
		11.98-11.98-	112292 14 70		11.98-	111070	12 1.7
SJ 410 1.0 4WD	(SJ410)[F10A]	09.81-09.87-	12.88 110137 14 30 110385 14 40		09.81-01.87-	110150	12 0.8
		12.88-11.81-			03.87-12.88-	114475	12 0.8
					01.81-03.87-	110421	12 0.8
SJ 413 1.3	(SJ413)[G13A]	09.84-08.90-	110965 14 50		09.84-08.90-	110394	12 0.85
Splash 1.0	[K10B]	01.08-	114247 14 75		01.08-	114871	12 1.1
Splash 1.2	[K12B]	01.08-	114247 14 75				
Splash 1.2 VVT	[K12B]	06.11-	114247 14 75				
Splash 1.3 CDTi	[Z13DTJ]	01.08-	113722 14 90		01.08-	113843	12 1.1
Swift 1.0	(SA310,AA41,43)[G10]	10.83-03.89-	110965 14 50		10.83-03.89-	111310	12 0.8
	[G10A]	10.84-03.89-	110965 14 50		10.84-03.89-	111310	12 0.8
	(SF310,AA44)[G10A]	03.89-	110967 14 50		03.89-	111310	12 0.8
Swift 1.0 i	(SF310,AA44)[G10A]	03.89-12.91-	110967 14 50		03.89-12.91-	111310	12 0.8
Swift 1.0 Turbo	(SA310)[G10T]	02.85-12.89-	110965 14 50				
Swift 1.3	(SA413,AA51)[G13A]	10.84-03.89-	110965 14 50		10.84-03.89-	111310	12 0.8
	(SA413,AA51,AA53)[G13A]	10.84-03.89-	110965 14 50		10.84-03.89-	111310	12 0.8
	(SA413,AA53)[G13A]	08.86-03.89-	110965 14 50		08.86-03.89-	111310	12 0.8
	(SF413)[G13A]	03.89-12.91-	110967 14 50		03.89-12.91-	111310	12 0.8
	(SF413,AB35)[G13A]	03.89-12.91-	110967 14 50		03.89-12.91-	111310	12 0.8
	(SF413,AH35)[G13A]	03.89-	110967 14 50		03.89-	111310	12 0.8
	(SF413,AK35)[G13B]	09.91-	110967 14 50		09.91-	111310	12 0.8
	(SG)[M13A]	Chas. 00500001-02.05-	114247 14 75		02.05-	114060	12 1.0
		Chas. -00500000 02.05-	114245 14 75				
Swift 1.3 4WD	(SF413, AA35)[G13A]	03.89-	110967 14 50		01.90-12.91-	111310	12 0.8
	(SF413,AF35)[G13A]	10.89-12.91-	110967 14 50		10.89-12.91-	111310	12 0.8
	(SG)[M13A]	01.06-	114215 14 75		01.06-	114060	12 1.0
Swift 1.3 GTi	(SA413,AA33)[G13B]	08.86-03.89-	111279 14 50		08.86-03.89-	111310	12 0.8
	(SF413,AA34)[G13B]	03.89-05.01-	110967 14 50		03.89-	111310	12 0.8
Swift 1.3 GXi	(SA413,AA33)[G13B]	08.86-03.89-	111279 14 50				
Swift 1.3 DDIS	(SG)[Z13DT]	08.05-	113722 14 90		08.05-	113843	12 1.1
Swift 1.5	(SG)[M15A]	02.05-02.05-	111779 14 70 114245 14 75		02.05-	114060	12 1.0
Swift 1.6	(SF416,AH14)[G16B]	11.89-12.91-	111279 14 50		11.89-12.91-	111310	12 0.8
Swift 1.6 4WD	[G16B]	09.91-09.95-	111279 14 50		11.89-12.91-	111310	12 0.8
Swift 1.6 i	(SF416,AH14)[G16B]	01.91-09.95-	111279 14 50		09.91-09.95-	111310	12 0.8
Swift 1.6 i 4WD	(SF416,AJ14)[G16B]	01.91-09.95-	111279 14 50		09.91-09.95-	111310	12 0.8
SX4 1.5	[M15A]	06.06-	114247 14 75		06.06-	114060	12 1.0
SX4 1.6 WT	[M16A]	06.06-	114247 14 75		06.06-	114060	12 1.0
SX4 1.6 WT 4WD	[M16A]	06.06-	114247 14 75		06.06-	114060	12 1.0
SX4 1.6 VVT	(RW416)[M16A]				07.09-	114060	12 1.0
SX4 1.6 VVT 4x4	(RW416)[M16A]				07.09-	114060	12 1.0
SX4 1.9 DDIS	(RW419)[D19AA]	06.06-	113996 14 140				
SX4 1.9 DDIS 4WD	[D19AA]	06.06-	113996 14 140		06.06-	113430	12 1.8
Vitara 1.6	(ET)[G16A]	11.88-12.91-	111279 14 50		11.88-12.91-	110394	12 0.85
	(TA)[G16A]	09.91-01.95-	111279 14 50		09.91-01.95-	110394	12 0.85
Vitara 1.6 16V	(ET)[G16B]	09.91-12.94-	111279 14 50		09.91-12.94-	110394	12 0.85
Vitara 1.6 i 4WD	(ET)[G16B]	09.91-07.95-	111279 14 50 111779 14 70		09.91-12.94-	110394	12 0.85
Vitara 1.9 Diesel	(ET)[XUD9A]	01.95-03.98-	112292 14 70		01.95-03.98-	111070	12 1.7
	[XUD9A]				08.96-03.99-	111070	12 1.7

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Vitara 1.9 Diesel 4WD	[XUD9A]	01.95- 03.98	112292	14	70		01.95- 03.98	111070	12	1.7
Vitara 2.0 16V	[J20A]	12.96- 03.98	111779	14	70					
		12.96- 03.98	113322	14	60					
Vitara 2.0 16V 4WD	[J20A]	12.96- 03.99	111779	14	70					
		12.96- 03.99	113322	14	60					
Vitara 2.0 i Lang	[H20A]	12.94- 03.98	111779	14	70		AT 03.95-	112300	12	1.4
		03.95- 03.98	111950	14	85					
Vitara 2.0 Diesel 4WD	[RF]	03.95- 03.98	112332	14	70		12.94- 03.98	110389	12	2.0
Vitara 2.0 TD Intercooler 4WD	[RF]	12.95-	112332	14	70		12.95- 03.98	110389	12	2.0
Vitara 2.5 i 24V	(ET)[H25A]	03.95- 03.98	111950	14	85		03.95- 03.98	112300	12	1.4
Vitara 2.5 V6 24V	[H25A]						04.98-	112300	12	1.4
Wagon R 1.0	[K10A]	09.97- 05.00	113322	14	60		02.98-	111849	12	0.8
Wagon R+ 1.2 4WD	[K12A]	02.98-	111779	14	70		02.98-	111849	12	0.8
Wagon R+ 1.2 i	[K12A]	02.98-	111779	14	70		02.98-	111849	12	0.8
Wagon R+ 1.25 DIS	(MM)[Z13DT]	09.03-	113720	14	75		09.03-	113843	12	1.1
		09.03-	113722	14	90					
Wagon R+ 1.3	(MM)[G13BB]	05.00-	111950	14	85		05.00-	111310	12	0.8
		AC 05.00-	111779	14	70					
	[M13A]	09.03-	111950	14	85		09.03-	114060	12	1.0
		09.03-	114245	14	75					
Wagon R+ 1.3 4WD	(MM)[G13BB]	10.01-	111950	14	85		10.01-	111310	12	0.8
		AC 10.01-	111779	14	70					
Wagon R+ 1.3 VVT 4WD	(MM)[M13A]	09.03-	114245	14	75		09.03-	111310	12	0.8
		03.04-	111279	14	50					
X-90 1.6 i 16V	[G16B]	09.96-	111279	14	50		09.96-	110394	12	0.85
X-90 1.6 i 16V 4WD	[G16B]	09.95-	111279	14	50		09.95-	110394	12	0.85
<b>PASSENGER CARS US</b>										
Esteem 1.6	[G16S]	01.99- 01.99	111779	14	70					
		01.00- 01.00	111779	14	70					
Esteem 1.6 GL		01.95- 01.98	111779	14	70					
Esteem 1.6 GLX		01.95- 01.98	111779	14	70					
Forsa 1.0		01.87-	110965	14	50					
Forsa 1.0 V		01.87-	110965	14	50					
Forsa 1.0 Turbo		01.87-	110965	14	50					
Grand Vitara 2.5							01.99- 01.03	112300	12	1.4
Grand Vitara 2.7 XL-7							01.01- 01.02	112300	12	1.4
LJ 81 1.0		01.81-	110137	14	30					
Samurai 1.3		01.85- 01.90	110965	14	50		01.86- 01.90	110394	12	0.85
Samurai 1.3 JA		01.91- 01.93	110965	14	50		01.91- 01.93	110394	12	0.85
Samurai 1.3 JL		01.91- 01.95	110965	14	50		01.91- 01.95	110394	12	0.85
Samurai 1.3 JS		01.91- 01.91	110965	14	50		01.91- 01.91	110394	12	0.85
Sidekick 1.3		01.89- 01.89	110965	14	50		01.89- 01.89	110394	12	0.85
Sidekick 1.6		01.89- 01.93	111279	14	50		01.89- 01.93	111586	12	1.4
							01.89- 01.93	110394	12	0.85
Sidekick 1.6 JA		01.96- 01.98	111279	14	50		01.96- 01.98	110394	12	0.85
Sidekick 1.6 JL		01.91- 01.91	111279	14	50		01.91- 01.91	111586	12	1.4
Sidekick 1.6 JLX		01.90- 01.95	111279	14	50		01.90- 01.95	110394	12	0.85
							01.90- 01.93	111586	12	1.4
Sidekick 1.6 JS		01.90- 01.98	111279	14	50		01.90- 01.98	110394	12	0.85
							01.90- 01.93	111586	12	1.4
Sidekick 1.6 JX		01.90- 01.98	111279	14	50		01.90- 01.98	110394	12	0.85
							01.90- 01.93	111586	12	1.4
Sidekick 1.8 Sport							01.96- 01.98	110394	12	0.85
SJ 410 1.0		01.80-	110137	14	30					
SJ 413 1.3		01.85-	110965	14	50					
Swift 1.0 GA		01.92-	111279	14	50					
		01.92-	110967	14	50					
Swift 1.3		01.89- 01.01	111279	14	50		01.89- 01.01	111310	12	0.8
		01.89- 01.91	113082							
		01.89- 01.91	110967	14	50					
Swift 1.3 DLX		01.95- 01.98	111279	14	50		01.95- 01.98	111310	12	0.8
Swift 1.3 GA		01.90- 01.94	113082				01.90- 01.98	111310	12	0.8
		01.90- 01.94	110967	14	50					
		01.90- 01.98	111279	14	50					
Swift 1.3 GL		01.90- 01.91	113082				01.90- 01.91	111310	12	0.8
		01.90- 01.91	110967	14	50					
		01.90- 01.91	111279	14	50					
Swift 1.3 GLX		01.91- 01.91	113082				01.91- 01.91	111310	12	0.8
		01.91- 01.91	111279	14	50					
		01.91- 01.91	110967	14	50					
Swift 1.3 GS		01.92- 01.94	113082				01.92- 01.94	111310	12	0.8
		01.92- 01.94	110967	14	50					
		01.92- 01.94	111279	14	50					
Swift 1.3 GT		01.89- 01.94	113082				01.89- 01.94	111310	12	0.8
		01.89- 01.94	110967	14	50					
		01.89- 01.94	111279	14	50					
Swift 1.3 L		01.90- 01.94	113082				01.90- 01.94	111310	12	0.8
		01.90- 01.94	110967	14	50					
		01.90- 01.94	111279	14	50					
Swift 1.3 S		01.90- 01.90	113082				01.90- 01.90	111310	12	0.8
		01.90- 01.90	110967	14	50					
		01.90- 01.90	111279	14	50					
Swift 1.6 GL		01.92-	110967	14	50					
Swift 1.6 GLX		01.92-	110967	14	50					
SWIFT+ 1.6 S		01.05-	114412	14	85					
Vitara 1.6							01.99- 01.01	110394	12	0.85
							01.99- 01.01	112300	12	1.4
Vitara 2.0							01.99- 01.00	110394	12	0.85
							01.99- 01.00	112300	12	1.4

## STARTERS & ALTERNATORS

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Application list

**SUZUKI** *Continued*

X-90 1.6 JLX		01.96- 01.98	111279	14	50		01.96- 01.98	110394	12	0.85
<b>MOTOR BIKES</b>										
AN400 0.4							01.03-	114182	12	0.7
GN250								114103	12	
KFX80 0.8							01.03- 01.06	111922	12	
LT80 0.8							01.87- 01.06	111922	12	
Quadrunner ATV								114103	12	
<b>MARINE</b>										
DT20							01.86- 01.88	112008	12	0.6
DT25							01.80- 01.88	112008	12	0.6
DT30							01.83- 01.97	112008	12	0.6
DT35							01.87- 01.89	112008	12	0.6
DT40							01.80- 01.98	112008	12	0.6
PU40							01.92- 01.95	112008	12	0.6
PU55							01.89- 01.90	112008	12	0.6
<b>Saab</b>										
<b>PASSENGER CARS EU</b>										
90 2.0	[B20I]						08.84- 08.87	111270	12	1.4
95 1.5 V4	[Ford V4]						01.76- 12.78	110868#	12	1.1
	[V4]						08.68- 12.75	110868#	12	1.1
96 1.5 V4	[Ford V4]						11.75- 08.80	110868#	12	1.1
	[V4]						08.68- 10.75	110868#	12	1.1
900 2.0	[B201XC]						09.84- 08.90	111270	12	1.4
	[B202I]						01.89- 08.93	111270	12	1.4
	[B202XI]						01.86- 12.88	111270	12	1.4
	[B20T]	09.78- 08.80	110911	14	55					
	[BT20]	09.78- 08.80	110911	14	55					
900 2.0 EMS	[Bi20]	01.79- 08.80	110911	14	55					
900 2.0 i	[B201]						09.85- 08.90	111270	12	1.4
	[B201XI]						09.84- 08.90	111270	12	1.4
	[B204I]						07.93- 08.98	110847	12	1.4
	[B206I]						07.93- 07.94	110847	12	1.4
900 2.0 Turbo	[B201S]						09.84- 07.85	111270	12	1.4
	[B201XL]						01.86- 12.91	111270	12	1.4
	[B202L]						01.93- 08.93	111270	12	1.4
	[B202S]						07.91- 08.93	111270	12	1.4
	[B202XL]						09.84- 08.93	111270	12	1.4
	[B204L]						07.93- 08.98	110847	12	1.4
	[BSI20]						09.84- 07.85	111270	12	1.4
900 2.0 Turbo S	[B202S]						09.91- 06.94	111270	12	1.4
	[B202XL]						09.84- 08.93	111270	12	1.4
900 2.3	[B234I]						07.93- 08.98	110847	12	1.4
900 2.5 i V6	[B258I]	07.93- 10.98	111514	14	100					
9000 2.0	[B202I]						01.89- 08.93	111270	12	1.4
	[B202XI]						12.85- 12.88	111270	12	1.4
	[B204E]						09.94- 12.98	110847	12	1.4
	[B204I]						09.93- 12.98	110847	12	1.4
9000 2.0 Turbo	[B202]						06.89- 12.92	111270	12	1.4
	[B202L]						05.88- 08.92	111270	12	1.4
	[B202S]	09.92- 12.98	111514	14	100		09.91- 08.93	111270	12	1.4
	[B202XL]						09.84- 08.93	111270	12	1.4
	[B204E]	09.92- 12.98	111514	14	100		09.92- 12.98	111270	12	1.4
9000 2.0 Turbo CS	[B202L]						05.88- 08.92	111270	12	1.4
9000 2.0 Turbo ND	[B202S]	09.93- 12.98	111514	14	100		09.93- 12.98	110847	12	1.4
	[B204E]	09.93- 12.98	111514	14	100		09.93- 12.98	110847	12	1.4
9000 2.3	[B234I]						09.93- 12.98	110847	12	1.4
9000 2.3 Aero CS	[B234R]						09.93-	110847	12	1.4
9000 2.3 CS	[B234I]						09.93-	110847	12	1.4
9000 2.3 CSE	[B234I]						09.93-	110847	12	1.4
9000 2.3 Ecopower	[B234E]						09.93- 12.98	110847	12	1.4
9000 2.3 Ecopower CSE	[B234E]						09.93-	110847	12	1.4
9000 2.3 Turbo	[B234L]						09.93- 12.98	110847	12	1.4
9000 2.3 Turbo CS	[B234L]						09.93-	110847	12	1.4
9000 2.3 Turbo CSE	[B234L]						09.93-	110847	12	1.4
9-3 1.8 i	[Z18XE]						09.04-	113276	12	1.1
9-3 1.8 Turbo	[B207E]	09.02-	114257	14	140					
9-3 1.9 TiD	[Z19DT]	09.04-	113904	14	130		09.04-	114058	12	1.7
		09.04-	114284	14	130		03.05-	113931	12	1.7
		09.04-	115487	14	140 A49					
	[Z19DTH]	09.04-	113904	14	130		09.04-	113931	12	1.7
		09.04-	114284	14	130					
		09.04-	115487	14	140 A49					
9-3 1.9 TTiD	[A19DTR]	12.07-	114284	14	130		12.07-	113931	12	1.7
							12.07-	114058	12	1.7
	[Z19DTH]	12.07-	114284	14	130		12.07-	113931	12	1.7
	[Z19DTR]	12.07-	114284	14	130		12.07-	113931	12	1.7
9-3 2.0	[B207R]	09.02-	114257	14	140		06.08-	114341	12	1.2
		02.09-	113352	14	120		04.06- 09.07	114341	12	1.2
9-3 2.0 BioPower	[B207L]						01.07-	114341	12	1.2
9-3 2.0 XWD	[B207G]	01.07-	113352	14	120					
9-3 2.0 i	[B204I]	02.98- 08.00	113273	14	140		02.98- 12.99	110847	12	1.4
9-3 2.0 Turbo	[B204E]	10.98- 08.00	113273	14	140		10.98- 12.99	110847	12	1.4
	[B204L]						02.98- 12.99	110847	12	1.4
	[B205E]	09.99- 08.03	113273	14	140		01.01- 09.02	110847	12	1.4
	[B205L]						02.98- 12.99	110847	12	1.4
	[B205R]	03.98- 08.00	113273	14	140		10.99- 09.02	110847	12	1.4
	[B207G]	01.07-	113352	14	120					
	[B207L]	09.02-	114257	14	140					



	[B207R]	09.02-05.09-	114257	14	140				
9-3 2.0 Turbo SE	[B204R]	09.98- 08.00	113273	14	140	02.98- 12.99	110847	12	1.4
9-3 2.0 Turbo XWD		05.09-	113352	14	120				
9-3 2.0 Biopower BioPower	[B207L]	01.07-	114257	14	140				
		06.07-	113352	14	120				
9-3 2.0 BioPower						06.07-	114341	12	1.2
9-3 2.2 TD	[D223L]	09.02-	114468	14	140	09.02-	113674	12	2.0
9-3 2.2 TiD	[D223L]					11.00- 09.02	113674	12	2.0
9-3 2.3 i	[B234I]					02.98- 12.99	110847	12	1.4
9-3 2.3 Turbo	[B235R]	09.99- 08.03	113273	14	140	10.99- 08.03	110847	12	1.4
9-5 1.6 Turbo	[A16LET]					05.10-	114298	12	1.1
9-5 1.9 TiD	[Z19DTH]	01.06-	114284	14	130	01.06-	113931	12	1.7
9-5 2.0 Turbo	[B205E]	Chas. 13054632- 09.97- 09.00	113273	14	140	09.97-	110847	12	1.4
9-5 2.0 TiD	[A20DTH]					05.10-	113931	12	1.7
9-5 2.0 TTiD	[A20DTR]	05.10-	114202	14	100	05.10-	114058	12	1.7
9-5 2.2 TiD	[D223L]	03.02-	114656	14	140	03.02-	113674	12	2.0
9-5 2.2 TiD	[D223L]	03.02-	114656	14	140	03.02-	113674	12	2.0
9-5 2.3 Turbo	[B235E]	Chas. 13054632- 06.99- 08.00	113273	14	140	10.98-	110847	12	1.4
	[B235L]	07.03-	113273	14	140				
	[B235R]	05.99- 09.01	113273	14	140	Chas. W3084484-, X3003578- 10.99-	110847	12	1.4
		Chas. 13054632- 05.99- 09.01	113273	14	140				
9-5 2.3 Turbo 16V	[B235E]	Chas. 13054632- 09.97- 08.00	113273	14	140	09.97-	110847	12	1.4
9-5 3.0 TiD	[D308L]					07.01-	114526	12	2.0
9-3X 1.9 TTiD	[A19DTR]	02.09-	114088	14	140	02.09-	114058	12	1.7
		02.09-	114284	14	130	02.09-	113931	12	1.7
		02.09-	115487	14	140 A49				
9-3X 2.0	[B207R]	02.09-	113352	14	120				
9-3X 2.0 Biopower BioPower	[B207R]	02.09-	113352	14	120				
<b>PASSENGER CARS US</b>									
95 1.7						01.71- 01.73	110868#	12	1.1
96 1.7						01.71- 01.73	110868#	12	1.1
900 2.0	[B201I]					01.85- 01.88	111270	12	1.4
	[B202I]					01.89- 01.90	111270	12	1.4
900 2.0 S	[B201I]					01.85- 01.86	111270	12	1.4
	[B202I]					01.86- 01.90	111270	12	1.4
900 2.0 Turbo	[B202L]					01.94- 01.94	110847	12	1.4
						01.85- 01.93	111270	12	1.4
900 2.0 Turbo Commemorative	[B202R]					01.94- 01.94	110847	12	1.4
						01.93- 01.93	111270	12	1.4
900 2.0 Turbo S	[B204L]					01.98- 01.98	110847	12	1.4
900 2.0 Turbo SE	[B202L]					01.91- 01.91	111270	12	1.4
	[B204L]					01.94- 01.98	110847	12	1.4
900 2.0 Turbo SPG						01.91- 01.91	111270	12	1.4
900 2.1	[B212I]					01.91- 01.92	111270	12	1.4
900 2.1 S	[B212I]					01.91- 01.94	111270	12	1.4
900 2.3 S	[B234I]					01.94- 01.98	110847	12	1.4
9000 2.0 S	[B202I]					01.89- 01.90	111270	12	1.4
9000 2.0 Turbo	[B202L]					01.86- 01.90	111270	12	1.4
9000 2.0 Turbo CD	[B202L]					01.89- 01.90	111270	12	1.4
9000 2.0 Turbo D						01.89- 01.90	111270	12	1.4
9000 2.3 Turbo AERO	[B234L]					01.96- 01.97	110847	12	1.4
	[B234R]					01.96- 01.97	110847	12	1.4
9000 2.3 Turbo CS	[B234E]					01.95- 01.97	110847	12	1.4
9000 2.3 Turbo CSE	[B234L]					01.95- 01.98	110847	12	1.4
	[B234R]					01.98- 01.98	110847	12	1.4
9-3 2.0 Turbo	[B204L]					01.99- 01.99	110847	12	1.4
	[B205L]					01.00- 01.01	110847	12	1.4
	[B205R]					01.02- 01.02	110847	12	1.4
9-3 2.0 Turbo SE	[B204R]					01.99- 01.99	110847	12	1.4
	[B205R]					01.00- 01.01	110847	12	1.4
9-3 2.3 Turbo Viggen	[B235R]					01.99- 01.02	110847	12	1.4
9-5 2.3 Turbo	[B235E]					01.99- 01.01	110847	12	1.4
9-5 2.3 Turbo Aero	[B235R]					01.00- 01.01	110847	12	1.4
9-2X 2.5	[EJ253]	01.06-	114214	14	80				
9-2X 2.5 Linear	[251]	01.05-	113634	14	90				
	[253]	01.05-	113634	14	90				
9-2X 2.5 Turbo Aero	[EJ255]	01.06-	114214	14	80				
Sonett 1.7						01.71- 01.74	110868#	12	1.1
<b>PASSENGER CARS AO</b>									
9-5 2.0 Turbo SE						10.98- 07.00	110847	12	1.4
<b>Talbot</b>									
<b>PASSENGER CARS EU</b>									
Express 1.8	[XM7T]					09.81- 12.93	111066	12	1.05
Express 1.9 Diesel	[XUD9A]	07.87- 12.93	111076	14	50	11.87- 12.93	111070	12	1.7
Express 2.0	[XN1TA]					09.81- 12.93	111066	12	1.05
Express 2.5 Diesel	[CRD93]					09.81- 12.93	111115	12	2.2
Express 2.5 Diesel 4x4	[CRD93]					09.81- 12.93	111115	12	2.2
Express 2.5 TD	[CRD93LS]					09.81- 12.93	111066	12	1.05
						06.87- 12.93	111115	12	2.2
Express 2.5 TD 4x4	[CRD93LS]					09.81- 12.93	111066	12	1.05
						11.88- 12.93	111115	12	2.2
Horizon 1.9 Diesel	[XUD9]	07.82- 06.86	111076	14	50	07.82- 06.86	111070	12	1.7
Samba 1.0	[5C1 (XV5)]	01.81- 12.85	110916#	14	40	01.81- 12.85	111068	12	0.85
		01.81- 12.85	111075	14	55				
	[5C1 (XV8)]	06.83- 12.87	110916#	14	40	06.83- 12.87	111068	12	0.85
		06.83- 12.87	111075	14	55				
Samba 1.1	[XW7]	01.81- 06.86	110916#	14	40	01.81- 06.86	111068	12	0.85
		01.81- 06.86	111075	14	55				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

**TALBOT Continued**

Samba 1.2 Rallye	[129D]	06.83- 12.87	111075	14 55	06.82- 12.87	111068	12 0.85
Samba 1.4	[150D]	06.83- 10.86	111075	14 55	06.83- 10.86	111068	12 0.85
	[XY7]	06.83- 12.87	110916#	14 40	06.83- 12.87	111068	12 0.85
		06.83- 12.87	111075	14 55			
	[XY8]	01.81- 12.87	110916#	14 40	01.81- 12.87	111068	12 0.85
		01.81- 12.87	111075	14 55			
Samba 1.4 Rallye	[XY8]	01.83- 10.86	110916#	14 40	01.83- 10.86	111068	12 0.85
		01.83- 10.86	111075	14 55			
Solara 1.6	[J1B]				11.84- 07.86	111070	12 1.7
Sunbeam 1.3 Simca	[JB]	07.77- 04.81	110178	14 36			
Sunbeam 1.6 Simca	[TB]	10.78- 04.81	110178	14 36			
Tagora 2.3 TD	[XD2S]	08.81- 12.87	111156#	14 70	08.81- 12.87	111125	12 2.2
<b>Tata</b>							
<b>PASSENGER CARS EU</b>							
Safari 1.9 Diesel	[483DL]	04.00-	112650	14 65			
Various Models						112164	12 1.4
<b>Tatra</b>							
<b>TRUCKS EU</b>							
Various Models			111009	28 35			
<b>TCM</b>							
<b>FORK LIFTS</b>							
FC 3024						111683	12 2.0
						111709	12 2.2
						111573	12 2.8
FG 15	[A15]		110128	14 35		110155	12 1.0
						110256	12 0.8
						111452	12 0.8
FG 20			112068	14 35		110155	12 1.0
			110128	14 35		110256	12 0.8
						111452	12 0.8
FHG 35						110144	12 1.0
FHG 40						110144	12 1.0
FT 25						110412	12 2.2
Various Models	[Kubota V3300]					114167	12 3.6
Various Models	[15-20T]					114346	24 5.5
<b>Tecumseh</b>							
<b>MOTORS</b>							
HM70 - HM100						112312	12 0.48
OH50						112566	12 0.5
OHH50						112566	12 0.5
OHV110						112566	12 0.5
OHV120						112566	12 0.5
OHV130						112566	12 0.5
OHV135						112565	12 0.5
						112566	12 0.5
OHV14						112565	12 0.5
OHV145						112565	12 0.5
OHV15						112565	12 0.5
OHV150						112565	12 0.5
OHV155						112565	12 0.5
OHV16						112565	12 0.5
OHV160						112565	12 0.5
OHV165						112565	12 0.5
OHV17						112565	12 0.5
OHV170						112565	12 0.5
OHV175						112565	12 0.5
OVM120						112312	12 0.48
OVXL120						112312	12 0.48
TVM170 - TVM220						112312	12 0.48
TVXL170 - TVXL220						112312	12 0.48
<b>MISCELLANEOUS</b>							
Various Models						112570#	120
						112313	12 0.5
						112564	12
<b>Teksan</b>							
<b>MOTORS</b>							
TJ145PE5A	[1006-TAG]					115389	12 4.2
<b>Temsa</b>							
<b>TRUCKS EU</b>							
14 10.5	[D2066LOH04]	01.06-	114528*	28 120			
		01.06-	115496	28 120 A49			
<b>Terex</b>							
<b>INDUSTRY</b>							
873			114714	28 80			
<b>Thermo King</b>							
<b>MISCELLANEOUS</b>							
30 DI TC		01.79-	110177	14 51			
		01.89-	110487	14 37			
		01.89-	110488	14 65			
30 MAX		01.79-	110177	14 51	01.79-	110486#	12 1.4
		01.89-	110487	14 37	01.79-	110820	12 2.0
		01.89-	110488	14 65			
HK 100	[TK2.44]	01.89-	110487	14 37			
		01.89-	110488	14 65			
HK 30	[TK2.44]	01.89-	110487	14 37			
		01.89-	110488	14 65			
HK 60	[TK2.44]	01.89-	110487	14 37			
		01.89-	110488	14 65			



KD 30	[TK3.66]	01.89-	110487	14	37				
		01.89-	110488	14	65				
KD 50	[TK3.66]	01.89-	110487	14	37				
		01.89-	110488	14	65				
SB II 30 DI TC		01.79-	110177	14	51				
		01.89-	110487	14	37				
		01.89-	110488	14	65				
SB III		01.90-	111216	14	37				
Super		01.93-	111216	14	37	01.93-	110820	12	2.0
TD II 30	[TK3.88]	01.89-	110487	14	37				
		01.89-	110488	14	65				
TD II 50 MAX	[TK3.88]	01.89-	110487	14	37				
		01.89-	110488	14	65				
Various Models							110485	12	1.4 ND
							110934#	12	2.0 ND
							110820	12	2.0 HI
			113716	14	120		112371	12	2.2 HI
			110422	14	30		114213*	12	2.0
		01.74- 01.79	110408	14	35		114253	12	2.0 HI
			114348	28	150	01.70- 01.88	112232	12	2.4
<b>Thomas</b>									
<b>INDUSTRY</b>									
225	[V3300]		114807	14	60				
245	[V3300]		114807	14	60				
<b>Thwaites</b>									
<b>INDUSTRY</b>									
Various Models							113269	12	3.0
<b>Timberjack</b>									
<b>INDUSTRY</b>									
608		01.95-	111647	28	60				
		01.95-	112160	28	75				
618		01.95-	112160	28	75				
		01.95-	111647	28	60				
628		01.95-	111647	28	60				
		01.95-	112160	28	75				
850		01.98-	112160	28	75				
		01.98-	111647	28	60				
950		01.98-	112160	28	75				
		01.98-	111647	28	60				
1010	[1004-4T]	01.97- 01.98	112038	28	100				
2618		01.95-	111647	28	60				
		01.95-	112160	28	75				
2628		01.95-	112160	28	75				
		01.95-	111647	28	60				
810C	[1004-40T]	01.99-	112038	28	100				
<b>Toro</b>									
<b>INDUSTRY</b>									
52	[Briggs & Stratton]					01.79- 01.86	111804	12	0.6
62	[Onan]					01.86- 01.86	113015	12	
224	[Mitsubishi]					01.89- 01.96	112178	12	1.6
220D	[Mitsubishi]					01.88- 01.91	112178	12	1.6
223D	[Mitsubishi]					01.01	112178	12	1.6
5100D	[Mitsubishi]						112178	12	1.6
Precision Z340	[Honda]						114375	12	0.6
Precision Z350	[Honda]						114375	12	0.6
Timecutter Z530	[Honda]						114375	12	0.6
<b>Toyota</b>									
<b>PASSENGER CARS EU</b>									
4 Runner 2.4	(N130_)[22REC]	08.87- 03.96	113077	14	70	01.94- 01.95	113109	12	1.0
4 Runner 3.0 V6 4WD	[3VZ-E]					08.93- 11.95	111783#	12	1.4
4 Runner 3.0 TD	[1KZ-T]					11.95-	113757	12	2.2
4 Runner 3.0 TD 4WD	(N130)[1KZ-T]					08.93- 11.95	111783#	12	1.4
						10.93- 03.96	113757	12	2.2
4 Runner 3.4	[5VZ-FE]	11.95- 07.02	114362	14	80				
4 Runner 3.4 i	[5VZ-FE]	11.95- 03.96	114362	14	80	01.96- 03.96	113173	12	1.8
4 Runner 4.7	[2UZ-FE]					08.02-	114440	12	1.4
Auris 1.3 Dual-VVTi	(NRE15_, ZZE15_, ADE15_, ZRE15)[1NR- FE]	A25 01.10-	114682	14	100				
	(NRE150)[1NR- FE]	A25 05.09-	114682	14	100				
Auris 1.4 D-4D	(NDE150)[1ND-TV]	03.07-	113972	14	100	A13 03.07- 03.07-	114071 114068	12 12	2.0 1.1
Auris 1.6	(NZE18_, ZRE18_)[1ZR-FAE]					10.12-	114886	12	1.2
	(ZRE151)[1ZR-FAE]	05.09-	114694	14	100	05.09-	114886	12	1.2
Auris 1.6 VVTi	(ZRE51)[1ZR-FE]					03.07-	114886	12	1.2
Auris 1.8	(ZRE152)[2ZR-FAE]	02.09-	114694	14	100	02.09-	114886	12	1.2
	[2ZR-FAE]	02.09-	114694	14	100				
Auris 2.0 D-4D	(ADE150)[1AD-FTV]	03.07-	114490	14	100	03.07-	114216	12	2.0
Auris 2.2 Diesel	(ADE157)[2AD-FHV]	03.07-	114490	14	100	03.07-	114216	12	2.0
Auris Touring Sports 1.6	[1ZR-FAE]					07.13-	114886	12	1.2
Avensis 1.6	(T27)[1ZR-FAE]	02.09-	114694	14	100	02.09-	114886	12	1.2
	[4A-FE]	09.97-	112860	14	80	09.97-	111984	12	1.1
Avensis 1.6 i 16V	(T22)[3ZZ-FE]	10.00-	113296	14	80	10.00-	113271	12	1.1
	[3ZZ-FE]	10.00-	113296	14	80	10.00-	113271	12	1.1
Avensis 1.6 VVTi	(T25)[3ZZ-FE]	01.03- 02.04	113296	14	80	04.03-	114056	12	1.3
Avensis 1.8	(T25)[1ZZ-FE]	04.03-	113296	14	80	04.03-	114056	12	1.3
		04.03-	114709*	14	90				

## STARTERS & ALTERNATORS

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Application list

TOYOTA Continued

	(T27)[2ZR-FAE]	02.09-	114694	14 100		02.09-	114886	12 1.2
	[7A-FE]	09.97-	112860	14 80		09.97-	111984	12 1.1
Avensis 1.8 i 16V	(_T22_)[1ZZ-FE]	10.00-	113296	14 80		10.00-	113271	12 1.1
	(ST220)[1ZZ-FE]	10.00-	113296	14 80		10.00-	113271	12 1.1
Avensis 2.0	(T25)[1AZ-FSE]	04.03-	115416	14 100		04.03-	114037	12 1.6
	(T27)[1AZ-FE]	02.09-	114694	14 100				
	[3ZR-FAE]	02.09-	114694	14 100		02.09-	114886	12 1.2
	[3ZR-FE]	02.09-	114694	14 100		02.09-	114886	12 1.2
	[3S-FE]	09.97-	112393			09.97-	111463	12 1.0
Avensis 2.0 i 16V	(ST220)[1AZ-FSE]	10.00- 02.03	113902	14 100		10.00-	112367	12 1.4
Avensis 2.0 VVTi	(T25)[1AZ-FE]	03.03-	115416	14 100				
Avensis 2.0 VVTi Verso	(AC_)[1AZ-FE]	08.01-	114273	14 100		08.01-	112367	12 1.4
						08.01-	114255*	12 1.3
Avensis 2.0 D-4D	(T22)[1CD-FTV]	10.99- 02.03	114227*	14 120		10.99-	112006	12 2.0
	(T25)[1AD-FTV]	03.06-	114390	14 100		03.06-	114216	12 2.0
	[1CD-FTV]	04.03-	114010	14 100		04.03-	112006	12 2.0
	(T27)[1AD-FTV]	11.11-	114390	14 100		11.11-	114216	12 2.0
		11.11-	114410	14 130				
Avensis 2.0 D-4D Verso	(AC_)[1CD-FTV]	08.01-	114115	14 130		08.01-	111874	12 2.2
						08.01-	114240*	12 1.4
Avensis 2.0 Diesel	(_T22_)[1CD-FTV]	09.02- 02.03	114227*	14 120				
	(T27)[1AD-FTV]	02.09-	114390	14 100				
		02.09-	114410	14 130				
Avensis 2.0 TD	[2C-TE]					09.97-	112006	12 2.0
Avensis 2.2 D-4D	(T25)[2AD-FTV]	10.05-	114390	14 100		10.05-	114216	12 2.0
Avensis 2.2 D-4D CAT	(T25)[2AD-FHV]	07.05-	114390	14 100		07.05-	114216	12 2.0
Avensis 2.2 Diesel	(T27)[2AD-FHV]	02.09-	114390	14 100				
		02.09-	114410	14 130				
	[2AD-FTV]	02.09-	114390	14 100				
		02.09-	114410	14 130				
Avensis 2.4	(T25)[2AZ-FSE]	09.03-	115416	14 100		09.03-	114037	12 1.6
						09.03-	114817	12 1.3
Aygo 1.0 i	[1KR-FE]	07.05-	114090	14 70		07.05-	113963	12 1.1
		07.05-	114099	14 80				
Aygo 1.0	(KGB10)[1KR-FE]	07.05-	114090	14 70		07.05-	113963	12 1.1
		07.05-	114099	14 80				
Aygo 1.4 HDi	[2WZTV]	07.05-	112469	14 90		07.05-	113933	12 1.5
		07.05- 08.10	113755	14 150		07.05-	113254	12 1.1
Camry 1.8	(SV10)[1S-L]	10.82- 10.86	110678#	14 55				
		10.82- 10.86	111705	14 70				
		02.83- 10.86	110496	14 60				
		02.83- 10.86	111435	14 70				
	[1S]	10.86- 08.88	111705	14 70				
		11.86- 08.88	110496	14 60				
		11.86- 08.88	111435	14 70				
Camry 1.8 i	[1S-L]	10.86- 08.88	110496	14 60		10.86- 08.88	111544	12 1.4
		10.86- 08.88	110678#	14 55				
		10.86- 08.88	111435	14 70				
		10.86- 08.88	111705	14 70				
Camry 1.8 TD	[1C-TL]	11.83- 11.85	110684	14 55		11.83- 10.86	111386#	12 2.0
Camry 2.0	(SV11)[2S-EL]	03.83- 10.86	110496	14 60				
		03.83- 10.86	110678#	14 55				
		03.83- 10.86	111435	14 70				
		03.83- 10.86	111705	14 70				
	(SV21)[3S-FE]	10.86- 05.91	111435	14 70		11.86- 05.91	111544	12 1.4
		11.86- 05.91	111705	14 70				
	[2S-E]	03.83- 10.86	110678#	14 55		10.86- 05.91	111544	12 1.4
		03.83- 05.91	111705	14 70				
		04.86- 01.88	110496	14 60				
		04.86- 01.88	111435	14 70				
	[2S-ELC]	03.83- 10.86	110678#	14 55		10.86- 05.91	111544	12 1.4
		03.83- 05.91	111705	14 70				
		04.86- 01.88	110496	14 60				
		04.86- 01.88	111435	14 70				
Camry 2.0 16V GLi	(SV21)[3S-FE]	11.86- 05.91	111435	14 70		11.86- 05.91	111544	12 1.4
		11.86- 05.91	111705	14 70				
Camry 2.0 TD	(CV20)[2C-T]	11.85- 05.91	110684	14 55		A13 08.88- 05.91	111564	12 2.2
						08.85- 10.88	111386#	12 2.0
	(CV21)[2C-T]	11.85- 05.91	110684	14 55		08.85- 10.88	111386#	12 2.0
						A13 08.88- 05.91	111564	12 2.2
	[2C-T]	11.85- 05.91	110684	14 55		08.85- 10.88	111386#	12 2.0
						A13 08.88- 05.91	111564	12 2.2
Camry 2.2	(_V20_)[5S-FE]	08.96- 09.01	111517	14 70		08.99- 09.01	112367	12 1.4
		08.99- 09.01	111468	14 80				
	(SXV10)[5S-FE]	06.91- 08.96	111435	14 70		06.91- 07.94	111544	12 1.4
		06.91- 07.92	111705	14 70		A13 08.94-	111550	12 1.4
		01.92-	111517	14 70		08.94-	111463	12 1.0
		08.92-	111468	14 80				
	(SXV20)[5S-FE]	08.96- 08.99	111517	14 70		08.96- 11.01	112367	12 1.4
		08.99- 11.01	111468	14 80				
Camry 2.5	(VZV21)[2VZ-FE]	08.88- 05.91	111480	14 70		02.88- 05.91	111544	12 1.4
Camry 2.5 V6 GXi	(VZV21)[2VZ-FE]	08.88- 05.91	111480	14 70		02.88- 05.91	111544	12 1.4
Camry 3.0	(VVCV10)[3VZ-FE]	06.92-	111965	14 80		08.94-	111463	12 1.0
						06.91- 07.94	111544	12 1.4
						08.94-	111550	12 1.4
Camry 3.0 24V	(MCV20)[1MZ-FE]					08.96- 11.01	112367	12 1.4
Camry 3.0 V6	(_V20_)[1MZ-FE]					04.00-	112367	12 1.4
	(V3)[1MZ-FE]					11.01-	114037	12 1.6
Carina 1.6	(AT151)[4A-L]	10.83- 11.87	110250	14 50				



	[4A-LC]	10.83- 11.87	110250	14 50				
		10.83- 11.87	110496	14 60				
	(AT171)[4A-F]	12.87- 08.90	110682	14 70	12.87- 08.90	111455	12 0.8	
					12.87- 08.90	110713	12 1.0	
	[4A-FE]	12.87- 02.92	110682	14 70	12.87- 03.92	111455	12 0.8	
					12.87- 03.92	110713	12 1.0	
	(ST150)[1S-EL]	10.83- 11.87	110496	14 60				
		10.83- 11.87	110678#	14 55				
		10.83- 11.87	111435	14 70				
		10.83- 11.87	111705	14 70				
	(TA1)[2T]	02.76- 03.78	110138	14 40				
		02.76- 03.78	110258	14 35				
	(TA12)[2TB]	05.73- 03.78	110138	14 40				
		05.73- 03.78	110258	14 35				
	(TA4K)[2T]	03.81- 01.82	110138	14 40				
		03.81- 01.82	110258	14 35				
	(TA4K,TA60LG)[2T]	04.78- 02.82	110138	14 40				
		04.78- 09.83	110258	14 35				
	(TA4L,TA60L)[2T]	01.78- 01.82	110138	14 40				
		01.78- 09.83	110258	14 35				
	[2TB]	10.75- 03.78	110138	14 40				
		10.75- 03.78	110258	14 35				
Carina 1.8	(ST150)[1S-L]	10.83- 11.87	110678#	14 55				
		10.83- 11.87	111435	14 70				
		10.83- 11.87	111705	14 70				
	[3T]	01.82- 09.83	110138	14 40				
		01.82- 02.87	110258	14 35				
Carina 1.8 Diesel	(TA4K, 6K)[1C]				A13 04.82- 09.83	111386#	12 2.0	
	(TA4L, 6L)[1C]				A13 04.82- 09.83	111386#	12 2.0	
Carina 2.0	(ST171)[3S-FE]	12.87- 11.89	111705	14 70	12.87- 03.92	111544	12 1.4	
		11.89- 02.92	111435	14 70				
	[3S-FE]	12.87- 11.89	111705	14 70	12.87- 04.92	111544	12 1.4	
		11.89- 02.92	111435	14 70				
Carina 2.0 Diesel	(CT150)[2C-L]	10.83- 11.87	110684	14 55	10.83- 11.87	111386#	12 2.0	
	(T15)[2C-L]	10.83- 12.87	110684	14 55	10.83- 11.87	111386#	12 2.0	
	(T17)[2C]	12.87- 05.89	110684	14 55	A13 12.87- 11.92	111564	12 2.2	
		05.89- 06.91	110686#	14 60				
	[2C-L]	12.87- 05.89	110684	14 55	A13 12.87- 11.92	111564	12 2.2	
		05.89- 06.91	110686#	14 60				
	[2C-L]	12.87- 05.89	110684	14 55	A13 12.87- 11.92	111564	12 2.2	
		05.89- 06.91	110686#	14 60				
Carina E 1.6	(AT190)[4A-FE]	02.92-	111579	14 70	02.92- 01.96	111455	12 0.8	
		02.92-	112860	14 80	02.92- 01.96	111984	12 1.1	
Carina E 1.6 GLI	(AT190)[4A-FE]	02.92-	111579	14 70	02.92- 01.96	111455	12 0.8	
		02.92-	112860	14 80	02.92- 01.96	111984	12 1.1	
	(ST191)[4A-FE]	01.93-	111579	14 70	01.93- 01.96	111455	12 0.8	
		01.93-	112860	14 80	01.93- 01.96	111984	12 1.1	
Carina E 1.6 16V	(AT190)[4A-FE]	12.94-	111579	14 70	12.94- 01.96	111984	12 1.1	
		12.94-	112860	14 80	12.94- 01.96	111455	12 0.8	
	(CT190)[4A-FE]	10.95-	111579	14 70	10.95- 01.96	111984	12 1.1	
		10.95-	112860	14 80	10.95- 01.96	111455	12 0.8	
Carina E 1.6 i	(AT190)[4A-FE]	02.95-	111579	14 70	02.95- 01.96	111455	12 0.8	
		02.95-	112860	14 80	02.95- 01.96	111984	12 1.1	
Carina E 1.8	(AT191)[7A-FE]	01.95-	111579	14 70	01.95- 01.96	111984	12 1.1	
		01.95-	112860	14 80	01.95- 01.96	111455	12 0.8	
Carina E 1.8 i	(AT191)[7A-FE]	02.95-	111579	14 70	02.95- 01.96	111984	12 1.1	
		02.95-	112860	14 80	02.95- 01.96	111455	12 0.8	
Carina E 2.0	(ST191)[3S-FE]	02.92-	111468	14 80	02.92-	111463	12 1.0	
		02.92-	111517	14 70	A13 02.92-	111550	12 1.4	
Carina E 2.0 GLI	(ST191)[3S-FE]	02.92-	111468	14 80	02.92-	111463	12 1.0	
		02.92-	111517	14 70	A13 02.92-	111550	12 1.4	
Carina E 2.0 GTI	(ST191)[3S-GE]	02.92- 02.94	111468	14 80	A13 02.92- 01.96	111550	12 1.4	
		02.92- 02.94	111517	14 70				
Carina E 2.0 i	(ST191)[3S-FE]	02.92-	111468	14 80	02.92-	111463	12 1.0	
		02.92-	111517	14 70	A13 02.92-	111550	12 1.4	
	[3S-GE]	04.92- 02.94	111517	14 70	04.92- 02.94	111463	12 1.0	
					04.92- 02.94	111550	12 1.4	
Carina E 2.0 i 16V	(ST191)[3S-FE]	02.92-	111468	14 80	A13 02.92-	111550	12 1.4	
		02.92-	111517	14 70	02.92-	111463	12 1.0	
	[3S-GE]	02.92- 02.94	111517	14 70	A13 03.94-	111550	12 1.4	
					03.94-	111463	12 1.0	
Carina E 2.0 Diesel	(CT190)[2C]	12.92- 01.96	111598	14 80	02.94- 01.96	111874	12 2.2	
					02.94- 05.95	111554	12 1.4	
Carina E 2.0 TD	(CT190)[2C-T]				01.96-	111874	12 2.2	
Celica 1.6	(AT180)[4A-FE]	10.89- 10.93	110682	14 70	A13 10.89- 10.93	110713	12 1.0	
					10.89- 10.93	111455	12 0.8	
	(T16)[4A-L]	08.85- 09.89	110496	14 60				
		04.86- 02.90	111435	14 70				
	(TA2)[2T]	02.76- 03.78	110138	14 40				
		02.76- 03.78	110258	14 35				
	(TA22)[2TB]	05.73- 03.78	110138	14 40				
		05.73- 03.78	110258	14 35				
	(TA4C)[2TB]	02.79- 07.83	110138	14 40				
		02.79- 07.83	110258	14 35				
	(TA4C,TA60)[2TB]	08.77- 01.82	110138	14 40				
		08.77- 08.85	110258	14 35				
	[4A-L]	08.77- 01.82	110138	14 40				
		08.77- 08.85	110258	14 35				
		08.79- 07.81	110250	14 50				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



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	(TA60)[2T]	02.79- 08.83	110138	14 40				
		02.79- 08.83	110258	14 35				
	[2TB]	08.77- 08.85	110138	14 40				
		08.77- 08.85	110258	14 35				
Celica 1.6 GT	(AT160)[4A-GELC]	08.87- 08.89	110496	14 60				
		08.87- 08.89	111435	14 70				
	(RA6)[4A-GE]	08.83- 07.85	110496	14 60				
		12.83- 10.86	111435	14 70				
	(TA22)[2T-G]	12.74- 03.78	110138	14 40				
		12.74- 03.78	110258	14 35				
	(TA4C)[2TG]	04.80- 02.82	110138	14 40				
		04.80- 02.82	110258	14 35				
	[2T-G]	04.78- 02.82	110138	14 40				
		04.78- 02.82	110258	14 35				
Celica 1.6 16V GT	(AT160)[4A-GEL]	09.85- 08.89	110496	14 60				
		09.85- 08.89	111435	14 70				
	[4A-GEL]	04.86- 08.89	110496	14 60				
Celica 1.8 16V TS	(ZZT231)[2ZZ-GE]				11.99- 01.00- 01.05	113271	12 1.1	
						113620#	12 1.2	
Celica 1.8 i 16V	[7A-FE]	11.93- 11.93-	111579	14 70	11.93-	111455	12 0.8	
			112860	14 80				
Celica 1.8 VVTi 16V	(ZZT230)[1ZZ-FE]	11.99-	114361	14 80	08.99-	113271	12 1.1	
Celica 2.0	(RA40)[18R]	02.79- 07.85	110138	14 40	02.79- 07.81	110152	12 0.9	
		02.79- 07.85	110258	14 35	08.81- 08.83	110260	12 1.0	
	(RA6)[18R-G]	01.82- 08.85	110138	14 40	01.82- 07.85	110260	12 1.0	
		01.82- 10.86	110258	14 35				
	[21R-U]	01.82- 08.85	110138	14 40	01.82- 08.83	110260	12 1.0	
		01.82- 08.85	110258	14 35				
	(RA61)[21R-C]	02.82- 08.85	110138	14 40	02.82- 07.85	110260	12 1.0	
		02.82- 08.85	110258	14 35				
	(RA63)[18R-G]	02.78- 08.83	110138	14 40	08.77- 07.81	110152	12 0.9	
		02.78- 08.83	110258	14 35	08.81- 08.83	110260	12 1.0	
					10.75- 07.77	110152	12 0.9	
		[3S-GEL]	08.85- 08.90	110678#	14 55			
			01.87- 08.90	110496	14 60			
		01.87- 08.90	111435	14 70				
		08.87- 08.90	111705	14 70				
Celica 2.0 GT	(ST162)[3S-GEL]	08.85- 08.90	110678#	14 55				
		10.86- 08.90	110496	14 60				
		10.86- 08.90	111435	14 70				
		08.87- 08.90	111705	14 70				
		[3S-GELC]	10.86- 08.90	110496	14 60			
			10.86- 08.90	111435	14 70			
			08.87- 08.90	111705	14 70			
			03.88- 08.90	110678#	14 55			
		[3S-GEL]	08.85- 08.89	110678#	14 55			
			08.85- 08.89	111435	14 70			
			08.86- 08.89	110496	14 60			
			08.87- 08.89	111705	14 70			
		[3S-GELC]	09.85- 08.89	110496	14 60			
		09.85- 08.89	110678#	14 55				
		09.85- 08.89	111435	14 70				
		08.87- 08.89	111705	14 70				
Celica 2.0 16V	(T20)[3S-GE]				08.96- 05.99	111550	12 1.4	
	[3S-GE]				11.93- 08.99	111550	12 1.4	
Celica 2.0 GTi	(ST182)[3S-GE]	03.90- 11.92	111435	14 70	10.89- 10.93	111544	12 1.4	
Celica 2.0 i 16V	(ST202)[3S-GE]				11.93-	111550	12 1.4	
Celica 2.0 Turbo 4WD	(ST185)[3S-GTE]	10.89- 01.94	111435	14 70	10.89- 01.94	111544	12 1.4	
		10.89- 01.94	111705	14 70				
Celica 2.0 Turbo GT 4WD	(T16F)[3S-GTE]	03.88- 08.90	111435	14 70	03.88- 08.90	111544	12 1.4	
		03.88- 08.90	111705	14 70				
Corolla 1.2	(KE/TE)[3K-B]	09.76- 11.78	110138	14 40				
		09.76- 01.80	110258	14 35				
	[3K-C]	09.76- 11.78	110138	14 40				
		09.76- 01.80	110258	14 35				
	[3K-H]	09.76- 11.78	110138	14 40				
		09.76- 01.80	110258	14 35				
	(KE20)[3K-B]	10.72- 10.75	110137	14 30	04.69- 03.74	110150		
		10.72- 06.77	110138	14 40				
		[3K-C]	10.72- 10.75	110137	14 30	04.69- 03.74	110150	
			10.72- 06.77	110138	14 40			
		[3K-H]	10.72- 10.75	110137	14 30	04.69- 03.74	110150	
			10.72- 06.77	110138	14 40			
		(KE20,25,30)[3K-B]	08.74- 10.75	110137	14 30			
			08.74- 11.78	110138	14 40			
			08.74- 12.80	110258	14 35			
		[3K-C]	08.74- 10.75	110137	14 30			
			08.74- 11.78	110138	14 40			
			08.74- 12.80	110258	14 35			
	[3K-H]	08.74- 10.75	110137	14 30				
		08.74- 11.78	110138	14 40				
		08.74- 10.75	110258	14 35				
	(KE35)[3K-B]	07.75- 11.78	110138	14 40				
		07.75- 01.80	110258	14 35				
	[3K-C]	07.75- 11.78	110138	14 40				
		07.75- 01.80	110258	14 35				
	[3K-H]	07.75- 11.78	110138	14 40				
		07.75- 01.80	110258	14 35				



	(KE36)[3K]	07.75- 11.78	110138	14	40				
		07.75- 01.80	110258	14	35				
	[3K-H]	07.75- 11.78	110138	14	40				
		07.75- 01.80	110258	14	35				
Corolla 1.3	(AE,EE80)[2E-L]	10.84- 08.87	110250	14	50	03.85- 08.87	110709	12	1.0
		10.84- 08.87	110628	14	45	10.84- 08.87	110323	12	0.8
	[2E-LC]	10.84- 08.87	110250	14	50	05.85- 08.87	110323	12	0.8
		05.85- 08.87	110628	14	45	05.85- 08.87	110709	12	1.0
	(AE80)[2A-L]	06.83- 10.84	110250	14	50				
	(EE80)[2E-L]	10.84- 08.87	110628	14	45	03.85- 08.87	110709	12	1.0
		01.85- 08.87	110250	14	50	10.84- 08.87	110323	12	0.8
	[2E-LC]	01.85- 08.87	110250	14	50	05.85- 08.87	110323	12	0.8
		05.85- 08.87	110628	14	45	05.85- 08.87	110709	12	1.0
	(EE90)[2E]	08.87- 04.92	110628	14	45	08.87- 06.92	110709	12	1.0
						08.87- 06.92	110323	12	0.8
	[2E-L]	10.84- 08.87	110628	14	45	10.84- 08.87	110323	12	0.8
		05.85- 08.87	110250	14	50	03.85- 08.87	110709	12	1.0
Corolla 1.3 XLi	(E10)[4E-FE]	05.92- 04.97	111518	14	70	09.95- 04.97	113665	12	1.2
		05.92-	111678	14	60	09.95- 04.97	113649	12	1.2
	(EE101)[4E-FE]	05.92- 04.97	111518	14	70	07.92- 04.97	113649	12	1.2
		05.92-	111678	14	60	05.95- 04.97	110847	12	1.4
						07.92- 05.95	110323	12	0.8
						07.92- 05.95	110709	12	1.0
						07.92- 04.97	113665	12	1.2
Corolla 1.3 12V	(EE100)[2E]	05.92- 04.97	111678	14	60	05.92- 05.95	110323	12	0.8
		07.92- 04.97	111538	14	80				
Corolla 1.3 16V XLi	(EE101)[4E-FE]	07.92-	111518	14	70	07.92- 05.95	110709	12	1.0
						07.92- 05.95	110323	12	0.8
						07.92- 09.95	113649	12	1.2
						07.92- 09.95	113665	12	1.2
Corolla 1.3 i	(EE90)[2E]	08.87- 04.92	110628	14	45	08.87- 05.92	110709	12	1.0
		08.87- 12.92	111538	14	80	08.87- 05.92	110323	12	0.8
	[2E-E]	08.87- 12.92	111538	14	80	06.89- 04.92	110709	12	1.0
		06.89- 04.92	110628	14	45	06.89- 04.92	110323	12	0.8
Corolla 1.4	[4E-FE]	04.97-	111518	14	70	04.97- 02.00	113649	12	1.2
						04.97- 02.00	113665	12	1.2
	[4ZZ-FE]	02.00- 01.02	113296	14	80	02.00- 01.02	113271	12	1.1
		02.00- 01.02	114158	14	70				
Corolla 1.4 16V	[4ZZ-FE]	02.00- 01.02	113296	14	80	02.00- 01.02	113271	12	1.1
		02.00- 11.01	114158	14	70				
Corolla 1.4 16V GLI	(EE101)[4E-FE]	07.92-	111518	14	70	07.92- 05.95	110709	12	1.0
						07.92- 05.95	110323	12	0.8
						07.92- 09.95	113649	12	1.2
						07.92- 09.95	113665	12	1.2
Corolla 1.4 16V XLi	(EE101)[4E-FE]	07.92-	111518	14	70	07.92- 05.95	110709	12	1.0
						07.92- 05.95	110323	12	0.8
						07.92- 09.95	113649	12	1.2
						07.92- 09.95	113665	12	1.2
Corolla 1.4 VVTi	(E12)[4ZZ-FE]	01.02-	113296	14	80	01.02-	113271	12	1.1
		01.02- 05.04	114361	14	80				
	(E12_, 12J)[4ZZ-FE]	01.02-	113296	14	80	01.02-	113271	12	1.1
		01.02-	114158	14	70				
		01.02-	114361	14	80				
	(ZZE150)[4ZZ-FE]	01.07-	114709*	14	90				
Corolla 1.4 Diesel	(E12_) [1ND-TV]	07.04-	113972	14	100	07.04-	114071	12	2.0
	(E12U_, E12J) [1ND-TV]	07.04-	113972	14	100	07.04-	114071	12	2.0
	(E12_, 12J) [1ND-TV]	07.04-	113972	14	100	07.04-	114071	12	2.0
Corolla 1.6	(E9_) [4A-F]	02.88- 05.92	110682	14	70	02.88- 05.92	110713	12	1.0
	(AE82)[4A-L]	06.83- 04.87	110250	14	50	01.84- 01.87	113806		
	[4A-LC]	08.85- 04.87	110250	14	50	01.85- 01.87	113806		
	(AE9_) [4A-FE]	11.89- 04.92	110682	14	70	11.89- 04.92	111455	12	0.8
						11.89- 04.92	110713	12	1.0
	(AE92)[4A-F]	08.87- 04.92	110250	14	50	08.87- 04.92	111455	12	0.8
		08.87- 04.92	110682	14	70	01.87- 01.87	113806		
						08.87- 04.92	110713	12	1.0
						12.87- 04.92	111984	12	1.1
	[4A-FE]	05.87- 04.92	110682	14	70	08.89- 04.92	110713	12	1.0
						08.89- 04.92	111455	12	0.8
	[4A-GE]	08.87- 08.89	110496	14	60	01.87- 01.87	113806		
		08.87- 04.92	111435	14	70				
	(AE95)[4A-FE]	08.88- 04.92	110682	14	70	08.88- 04.92	110713	12	1.0
						08.88- 04.92	111455	12	0.8
	(KE/TE)[2T]	09.76- 01.80	110138	14	40				
		09.76- 01.80	110258	14	35				
	[2TB]	09.76- 01.80	110138	14	40				
	(TE71)[2T]	09.79- 05.83	110138	14	40				
		09.79- 09.83	110258	14	35				
	[2TB]	09.79- 05.83	110138	14	40				
		09.79- 05.83	110258	14	35				
	[3ZZ-FE]	02.00- 01.02	113296	14	80	02.00- 01.02	113271	12	1.1
		02.00- 01.02	114158	14	70				
	[4A-F]	08.87- 04.92	110250	14	50	01.87- 01.87	113806		
		08.87- 04.92	110682	14	70	08.87- 04.92	110713	12	1.0
	[4A-FE]	04.97- 10.99	111579	14	70	04.97-	112033#	12	1.1
		04.97- 10.99	112860	14	80	04.97-	111455	12	0.8
						04.97- 02.00	110713	12	1.0
	[4A-L]	06.83- 04.87	110250	14	50	01.84- 01.87	113806		
	[4A-LC]	08.85- 04.87	110250	14	50				
Corolla 1.6 FX	(E8B)[4A-C]					08.84- 08.87	113806		

## STARTERS &amp; ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



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	[4A-LC]	05.83- 04.87	110250	14 50		01.87- 01.87	113806		
Corolla 1.6 GLi	(AE101)[4A-FE]	05.92-	111579	14 70		05.92- 04.97	111455	12 0.8	
		05.92-	112860	14 80		05.92- 04.95	110713	12 1.0	
						05.95- 04.97	112033#	12 1.1	
Corolla 1.6 GT	(TE71)[2T-G]	05.80- 05.83	110138	14 40					
		05.80- 09.83	110258	14 35					
Corolla 1.6 Verso	(ZER_, ZZE_)[3ZZ-FE]	04.04-	113296	14 80		04.04-	114056	12 1.3	
		04.04-	114709*	14 90					
Corolla 1.6 XLi	[4A-FE]	11.89- 04.92	110682	14 70		11.89- 04.92	110713	12 1.0	
Corolla 1.6 16V	(AE86)[4A-GE]	08.83- 08.87	110496	14 60		01.84- 01.87	113806		
		08.83- 07.88	111435	14 70					
		12.85- 04.87	110273	14 50					
	[3ZZ-FE]	02.00- 01.02	113296	14 80		02.00- 01.02	113271	12 1.1	
		02.00- 11.01	114158	14 70					
	[4A-GEC]	12.85- 10.87	110496	14 60					
		12.85- 04.87	111435	14 70					
	[4A-GEL]	08.85- 08.87	110496	14 60		01.85- 01.87	113806		
	08.85- 08.87	111435	14 70						
Corolla 1.6 GTi	(.E9_)[4A-GE]	07.87- 08.89	110496	14 60					
		07.87- 06.93	111435	14 70					
Corolla 1.6 i	(AE92)[4A-FE]	08.89- 04.92	110682	14 70		08.89- 04.92	111455	12 0.8	
						08.89- 04.92	110713	12 1.0	
Corolla 1.6 i 4WD	(.E9_)[4A-FE]	10.87- 08.90	110682	14 70		10.87- 08.90	111445	12 2.0	
						10.87- 08.90	110713	12 1.0	
Corolla 1.6 Si	(AE101)[4A-FE]	05.92-	111579	14 70		05.92- 04.97	111455	12 0.8	
		05.92-	112860	14 80		05.92- 04.97	110713	12 1.0	
		AT 09.95- 04.97	111579	14 70		05.95- 04.97	112033#	12 1.1	
	(E10)[4A-FE]					07.92- 04.97	110713	12 1.0	
						05.95- 04.97	111455	12 0.8	
		AT 07.92- 04.97	111579	14 70		05.95- 04.97	112033#	12 1.1	
Corolla 1.6 VVTi	(.E12U_, .E12J_)[1ZR-FE]	10.06-	114361	14 80					
		01.02-	113296	14 80		01.02-	113271	12 1.1	
	(E12_, 12J_)[3ZZ-FE]	01.02-	114158	14 70					
		01.02-	114361	14 80					
Corolla 1.6 VVTi Verso	(E12)[3ZZ-FE]	01.02-	113296	14 80		01.02- 05.04	113271	12 1.1	
		01.02- 05.04	114158	14 70					
		01.02- 05.04	114361	14 80					
Corolla 1.8 4WD	[7A-FE]	04.97- 07.01	111579	14 70		04.97- 07.01	112033#	12 1.1	ND
						04.97- 10.01	110713	12 1.0	
Corolla 1.8 Verso	(ZER_, ZZE_)[1ZZ-FE]	04.04-	113296	14 80		04.04-	114056	12 1.3	
		04.04-	114709*	14 90					
Corolla 1.8 VVTL-i TS	(.E12U_, .E12J_)[2ZZ-GE]					10.05-	113271	12 1.1	
						10.05-	114419	12 1.2	
Corolla 1.8 16V 4WD	(E10)[7A-FE]	09.95- 04.97	111518	14 70		09.95- 04.97	111984	12 1.1	
Corolla 1.8 GTi 4x4	(.E10_)[7A-FE]	05.92- 07.95	111579	14 70					
Corolla 1.8 i 16V Verso	(E12)[1ZZ-FE]	09.01- 05.04	114158	14 70		01.02-	113271	12 1.1	
		09.01- 05.04	114361	14 80					
Corolla 1.8 i WTL-i TS	(E12_, 12J_)[2ZZ-GE]					09.01-	113271	12 1.1	
Corolla 1.8 Diesel	(.E9_)[1C]	10.87- 05.89	110684	14 55		A13 07.87- 06.92	111564	12 2.2	
		06.89- 04.92	110686#	14 60					
	(.E7_)[1C]					01.83-	111386#	12 2.0	
		(AE9_)[1C]	06.89- 04.92	110686#	14 60		A13 11.89- 06.92	111564	12 2.2
	(CE80)[1C-L]					A13 06.83- 08.87	111386#	12 2.0	
	(CE90)[1C]	08.87- 05.89	110684	14 55		A13 05.87- 04.92	111564	12 2.2	
		05.89- 04.92	110686#	14 60					
	(TE71)[1C]					A13 10.82- 05.83	111386#	12 2.0	
	[1C]					A13 06.83- 04.87	111386#	12 2.0	
						05.87- 05.88	111564	12 2.2	
	[1C-L]	10.87- 05.88	110684	14 55		A13 07.85- 08.87	111386#	12 2.0	
					A13 05.87- 05.88	111564	12 2.2		
Corolla 1.8 Diesel DX GL	[1C]					A13 06.83- 05.88	111386#	12 2.0	
Corolla 1.8 Diesel FX Compact	(E8B)[1C]					A13 01.85- 05.88	111386#	12 2.0	
Corolla 2.0 D-4D	(.E11_)[1CD-FTV]	09.00- 05.04	114227*	14 120		09.00-	111874	12 2.2	
						09.00- 01.02	114240*	12 1.4	
	(.E12_, .E12T_)[1CD-FTV]	08.02-	114010	14 100		08.02-	112006	12 2.0	
		04.04-	114010	14 100		04.04-	114240*	12 1.4	
	(.E12J_, .E12T_)[1CD-FTV]	04.04-	114101	14 90		04.04-	112006	12 2.0	
		05.03-	114010	14 100		05.03-	114240*	12 1.4	
	(.E12U_, .E12J_)[1CD-FTV]	05.03-	114101	14 90		10.01-	111874	12 2.2	
		05.03-	114115	14 130		10.01-	112006	12 2.0	
	(ADE150R)[1AD-FTV]	01.07-	114490	14 100		01.07-	114216	12 2.0	
	(E12_, 12J_)[1CD-FTV]	01.02-	114101	14 90		01.02-	111874	12 2.2	
01.02-		114115	14 130		01.02-	112006	12 2.0		
					01.02-	114240*	12 1.4		
Corolla 2.0 D-4D Verso	(E12)[1CD-FTV]	01.02- 05.04	114101	14 90		01.02-	111874	12 2.2	
		01.02- 05.04	114115	14 130		01.02-	112006	12 2.0	
	(ZER_, ZZE_)[1CD-FTV]	04.04-	114010	14 100		01.02- 05.04	114240*	12 1.4	
Corolla 2.0 Diesel	(CE100)[2C]	05.92-	111507	14 80		05.92- 05.95	111554	12 1.4	
		05.92-	111507	14 80		05.92- 05.95	111554	12 1.4	
	[2C-E]	04.97-	111507	14 80		04.97-	111969#	12 2.2	
Corolla 2.0 Diesel XL	(CE100)[2C]	05.92-	111507	14 80		05.92- 05.95	111554	12 1.4	
					A13 05.95- 04.97	111969#	12 2.2		
						111386#	12 2.0		
					04.97-	111969#	12 2.2		
Corolla 2.2 D-4D Verso	(ZER_, ZZE_)[2AD-FHV]	10.05-	114390	14 100		10.05-	114216	12 2.0	
		10.05-	114410	14 130					
	[2AD-FTV]	10.05-	114390	14 100		10.05-	114216	12 2.0	





Corona 1.8	(TT1)[3T]	06.79- 01.81	110138	14	40				
		06.79- 01.81	110258	14	35				
	[3T]	06.79- 12.81	110138	14	40				
Corona 2.0	(RT104)[18R]	01.76- 05.79	110138	14	40	01.76- 01.77	110152	12	0.9
		01.76- 05.79	110258	14	35				
	[18R]	09.75- 05.79	110138	14	40	09.75- 01.77	110152	12	0.9
Corona MK 2.0	(RX12)[18R]	12.75- 10.77	110138	14	40	12.75- 01.77	110152	12	0.9
		12.75- 10.77	110258	14	35				
Cressida 2.0	(_X6_)[21R]	05.81- 07.82	110138	14	40	05.81- 03.85	110152	12	0.9
		05.81- 03.85	110258	14	35				
	[21R-C]	05.81- 07.82	110138	14	40	05.81- 08.83	110152	12	0.9
		05.81- 03.85	110258	14	35				
	(RX3_)[18R]	07.77- 07.81	110138	14	40	07.77- 07.81	110152	12	0.9
		07.77- 07.81	110258	14	35				
	(RX35)[18R]	12.77- 03.81	110138	14	40	12.77- 03.81	110152	12	0.9
Cressida 2.0 GLi		12.77- 03.81	110258	14	35				
	[21R]	02.81- 07.82	110138	14	40	02.81- 07.82	110152	12	0.9
		02.81- 03.85	110258	14	35				
Cressida 2.0 GLi	(_X6_)[1G-E]				11.82- 12.84	110399#	12	1.0	
Cressida 2.2 Diesel	(_X6_)[L]				01.83- 12.84	111387	12	2.0	
	[L]				06.81- 12.84	111387	12	2.0	
Cressida 2.4 TD	(GX7_ , MX73)[2L-T]				01.85- 10.88	110708	12	2.7	
Crown 2.2 Diesel	(_S1_)[L]				04.80- 07.83	110708	12	2.7	
					04.80- 07.83	111387	12	2.0	
Crown 2.8	(_S1_)[5M-E]				06.79- 07.83	110396	12	1.4	
Crown 2.8 i	(_S1_)[5M-GE]				08.83- 09.85	110396	12	1.4	
Dyna 2.0	[3Y]	09.84- 08.87	110248	14	40	09.84- 08.87	110397	12	1.0
	[5R]	01.77-	110137	14	30				
		01.77-	110138	14	40				
Dyna 2.4 Diesel	(LH8_)[2L]	08.87- 04.95	112054	14	45	08.87- 04.95	110708	12	2.7
					08.87- 04.95	111387	12	2.0	
	(LY1_ , _H8_)[2L]	08.87- 07.01	112054	14	45	08.87- 07.01	113936	12	2.7
	[2J]				09.84- 08.87	110397	12	1.0	
Dyna 3.4 Diesel	[13B]	08.77- 08.87	111613	28	50	09.84- 08.87	110397	12	1.0
Dyna 100 1.8	(YH_)[2Y]	08.87- 04.95	111616	14	40	08.87- 04.95	110397	12	1.0
	(YH81)[2Y]	08.85-	111616	14	40	08.85- 01.95	110397	12	1.0
Dyna 100 2.4 Diesel	(LH80)[2L]	01.84- 05.95	114288	14	50	09.93- 05.95	112336	12	2.0
		08.88- 01.91	111483	14	55				
	(LY100)[2L]	01.96- 01.01	112054	14	45	05.95- 08.01	112336	12	2.0
Dyna 150 2.0	[3Y]	08.85- 09.87	111616	14	40	08.85- 09.87	110397	12	1.0
Dyna 150 2.4 Diesel	(LY_)[2L]	05.95- 07.01	112054	14	45	05.95- 07.01	113936	12	2.7
Dyna 150 2.8 Diesel	(LY61)[3L]	08.85- 05.95	114288	14	50	09.93- 05.95	112336	12	2.0
		08.87- 01.92	111483	14	55	08.89- 09.93	111387	12	2.0
	[3L]				08.85- 05.95	113936	12	2.7	
Dyna 200 3.0 Diesel	(BU_)[B]	09.84- 08.88	111613	28	50	09.88- 06.95	111387	12	2.0
	(BU61)[11B]	09.93- 05.95	112211#	28	30				
Dyna 300 3.4 Diesel	(BU85)[13B]	09.84- 08.87	111613	28	50				
Hiace 1.6	(RH11,16,20,30,40)[12R]	01.79- 04.83	110138	14	40	01.79- 04.83	110154	12	0.8
		01.79- 12.84	110258	14	35	10.81- 07.83	110260	12	1.0
	[12R]	02.77- 03.83	110138	14	40	02.77- 03.83	110154	12	0.8
Hiace 1.8		02.77- 03.83	110258	14	35				
	(H5G)[2Y]	03.83- 08.89	110248	14	40	03.83- 08.89	110397	12	1.0
	(YH8_ , LH8_ )	08.87- 04.95	111616	14	40				
Hiace 2.0	[2Y]	03.83- 08.89	110248	14	40	03.83- 08.89	110397	12	1.0
		03.83- 11.89	111616	14	40				
	(_H10_)[1RZ]	02.90- 08.95	111428	14	60	A13 08.93- 08.95	111784	12	1.4
Hiace 2.4		02.90- 08.95	111616	14	40	02.90- 08.93	111785	12	1.0
	(H5G)[3Y]	06.84- 08.89	110248	14	40	06.84- 08.89	110397	12	1.0
	(RZH102)[1RZ]	08.89- 08.93	111428	14	60	A13 08.93- 08.95	111784	12	1.4
		08.89- 08.95	111616	14	40	08.89- 08.93	111785	12	1.0
	[18R]	07.77- 03.83	110138	14	40	07.77- 03.83	110152	12	0.9
		07.77- 03.83	110258	14	35				
	[3Y]	06.84- 08.89	110248	14	40	06.84- 08.89	110397	12	1.0
Hiace 2.2 Diesel	(H5G)[L]	03.83- 11.89	111483	14	55	03.83- 01.84	111387	12	2.0
		03.83- 11.89	114288	14	50	07.79- 05.84	110708	12	2.7
	[L]	01.79- 11.89	111483	14	55	01.79- 05.84	110708	12	2.7
Hiace 2.4		01.79- 11.89	114288	14	50	01.79- 01.84	111387	12	2.0
	(RZH103)[2RZ-E]	08.89- 08.95	111428	14	60	A13 08.93- 08.95	111784	12	1.4
	[2RZ-E]	08.89- 08.95	111428	14	60	08.89- 08.93	111785	12	1.0
Hiace 2.4 4WD		08.95- 04.98	112357	14	70	08.89- 08.93	111785	12	1.0
		08.95- 04.98	112358	14	55	08.95-	112336	12	2.0
		08.95-	112358	14	55	A13 08.93- 08.01	111784	12	1.4
	(H12, 22)[2RZ-E]	08.95- 04.98	112357	14	70	A13 08.96-	111784	12	1.4
		08.95- 04.98	112358	14	55	08.96-	111784	12	1.4
Hiace 2.4 Diesel		08.95- 04.98	112358	14	55	08.95-	112336	12	2.0
	(H18, 22)[2RZ-E]	08.95- 04.98	112357	14	70	08.95-	112336	12	2.0
		08.95- 04.98	112358	14	55	08.95-	112336	12	2.0
	[2RZ-E]	08.89- 08.95	111428	14	60	A13 08.93- 08.95	111784	12	1.4
						08.89- 08.93	111785	12	1.0
Hiace 2.4 Diesel	(_H10_)[2L]	08.89- 08.93	111605	14	70	A13 08.89- 08.93	110708	12	2.7
		08.93- 08.95	111601	14	70	08.93- 08.95	112336	12	2.0
						A13 02.90- 08.95	113936	12	2.7
						08.89- 08.93	111387	12	2.0
Hiace 2.4 Diesel						07.99-	110708	12	2.7
	(H12G)[2L]					07.99-	113936	12	2.7

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

TOYOTA Continued

	(H5G)[2L]	08.84- 08.89	111483	14 55	06.84- 08.89	111387	12 2.0
		08.84- 08.89	114288	14 50	06.84- 08.89	110708	12 2.7
	(LH102)[2L]	08.89-	111483	14 55 VP	08.89- 08.93	111387	12 2.0
		08.89- 08.93	111605	14 70	A13 08.89- 08.93	110708	12 2.7
		08.93- 08.95	111601	14 70	08.93- 08.95	112336	12 2.0
		08.93- 08.95	111960	14 80	A13 08.89- 08.95	113936	12 2.7
	(LXH1_, RCH1_, KLH1_)[2L]	08.95- 08.06	112357	14 70	08.95- 08.06	112336	12 2.0
					08.95- 08.06	113936	12 2.7
	[2L]	05.84- 11.89	111483	14 55	A13 10.93- 08.95	113936	12 2.7
		05.84- 11.89	114288	14 50	05.84- 11.89	110708	12 2.7
		08.93- 08.95	111601	14 70 VP	05.84- 11.89	111387	12 2.0
		08.95-	111963	14 80	08.93- 03.98	112336	12 2.0
		08.95-	112357	14 70			
Hiace 2.4 Diesel 4WD	(_H10_)[2L]	08.89- 08.95	111601	14 70	08.89- 08.95	110708	12 2.7
					08.89- 08.95	110152	12 0.9
					08.89- 08.95	111387	12 2.0
	(H5F)[2L]	01.87- 01.88	111483	14 55	01.87- 01.88	111387	12 2.0
		01.87- 01.88	114288	14 50	01.87- 01.88	110708	12 2.7
Hiace 2.4 TD	(H18, 22)[2L-T]				A13 08.95-	113936	12 2.7
					08.95-	110708	12 2.7
					08.95-	111387	12 2.0
	[2L-T]		111963	14 80 VP	08.95-	112336	12 2.0
					08.95-	113936	12 2.7
Hiace 2.4 TD 4WD	(H18, 22)[2L-T]	08.95-	111963	14 80	08.95-	112336	12 2.0
					A13 08.95-	113936	12 2.7
Hiace 2.5 D-4D	(_H1_ ,_H2_)[2KD-FTV]	08.06-	114024	14 70	08.06-	113938	12 2.7
	(_H1_ ,_H2_)[2KD-FTV]	08.06-	114024	14 70	08.06-	113938	12 2.7
	[2KD-FTV]	11.01- 08.06	113969	14 100	09.06-	113757	12 2.2
		11.01- 08.06	114024	14 70	11.01-	113938	12 2.7
		11.01- 08.06	114025	14 75			
Hiace 2.5 D-4D 4WD	(_H1_ ,_H2_)[2KD-FTV]	11.01-	114024	14 70	11.01-	113938	12 2.7
					11.01- 08.06	113757	12 2.2
	(H20_)[2KD-FTV]	01.05-	113969	14 100			
	[2KD-FTV]	11.01-	114024	14 70	11.01-	113938	12 2.7
					11.01-	113757	12 2.2
Hiace 2.7	(H12)[3RZ-FE]	04.98-	112357	14 70	04.98-	111784	12 1.4
	(H12G)[3RZ-FE]	04.98-	112357	14 70	04.98-	111784	12 1.4
Hiace 2.7 4WD	(H19, 29)[3RZ-FE]	04.98-	112357	14 70	04.98-	111784	12 1.4
Hiace 2.8 Diesel	(_H10_)[3L]	08.89- 08.95	114369	14 100			
	[3L]	08.89-	111960	14 80			
Hilux 1.8	(YN51R)[2Y]	06.89- 07.94	110248	14 40	06.89- 07.94	110397	12 1.0
Hilux 2.0	[3Y]	01.84-	110248	14 40	06.84- 11.86	110397	12 1.0
					10.79- 07.83	110152	12 0.9
					10.81- 07.83	110260	12 1.0
Hilux 2.2 4WD	[4Y]	08.88- 08.94	110248	14 40	01.87- 12.89	110397	12 1.0
Hilux 2.4	[22RE]	08.89- 07.92	113077	14 70	08.93- 08.97	113108	12 1.4
					08.89- 08.97	110260	12 1.0
					08.89- 07.93	110411	12 1.4
					08.89- 05.92	111785	12 1.0
Hilux 2.4 4WD	[22R]	08.88- 07.92	113077	14 70	08.93- 08.97	113108	12 1.4
					08.88- 08.97	110260	12 1.0
					08.88- 07.93	110411	12 1.4
					08.97-	111784	12 1.4
Hilux 2.4 i 4WD	[2RZ-FE]				08.97-	111784	12 1.4
Hilux 2.4 Diesel	(IN108)[2L]	01.92-	114203	14 60	08.93- 08.97	112336	12 2.0
					08.91- 07.93	110708	12 2.7
					08.91- 07.93	111387	12 2.0
					01.92-	113936	12 2.7
	[2L]	03.89-	111483	14 55	03.89- 01.02	111387	12 2.0
		03.89-	112054	14 45	03.89-	110708	12 2.7
					A13 03.95-	113936	12 2.7
					03.95-	112336	12 2.0
Hilux 2.4 Diesel 4WD	(_N_)[2L]	01.84- 08.88	114372	14 50	08.83- 04.89	111387	12 2.0
	[2L]	03.89-	111483	14 55	03.89-	110708	12 2.7
		03.89-	112054	14 45	03.89-	111387	12 2.0
		01.94-	114372	14 50			
Hilux 2.4 TD 4WD	[2L-T]	08.98- 01.02	111963	14 80	05.98-	112336	12 2.0
					08.98- 01.02	113936	12 2.7
Hilux 2.5 D-4D	[2KD-FTV]	11.01-	114024	14 70	07.05-	114853	12 2.7
					11.01-	113938	12 2.7
Hilux 2.5 D-4D 4WD	[2KD-FTV]	11.01-	114024	14 70	11.01-	113938	12 2.7
					07.05-	114853	12 2.7
Hilux 2.5 D-4D 4x4	(N25)[2KD-FTV]	12.07-	114024	14 70	12.07-	114853	12 2.7
Hilux 2.5 Diesel	(TGN1_, GGN2_, GGN1_, KUN2_, KJ)[2KD-FTV]	01.10-	114024	14 70			
	[2KD-FTV]	12.07-	114024	14 70	12.07-	114853	12 2.7
Hilux 2.5 Diesel 4x4	[2KD-FTV]	12.07-	114024	14 70	12.07-	114853	12 2.7
Hilux 2.8 Diesel 4x4	(_N_)[3L]	08.94- 07.01	114369	14 100			
Hilux 3.0 4x4	[1KD-FTV]				AT 08.05- 09.06	114731	12 2.2
Hilux 3.0 Diesel	[1KD-FTV]				AT 10.06-	114731	12 2.2
Hilux 3.0 Diesel 4x4	[1KD-FTV]	12.07-	114024	14 70	12.07-	114731	12 2.2
Hilux 3.4 4x4	(_N_)[5VZ-FE]	08.94- 07.00	114362	14 80			
Land Cruiser 2.4	(RJ70, 73)[22R]	11.84- 12.89	110138	14 40	11.84- 12.89	110260	12 1.0
		11.84- 12.89	110258	14 35	11.84- 12.89	110411	12 1.4
					11.84- 05.93	113239	12 2.5
	[22RE]	01.90- 11.90	110250	14 50 ▲	01.90- 05.93	110411	12 1.4
					01.90- 05.93	110260	12 1.0
					12.88- 12.96	113239	12 2.5
Land Cruiser 2.4 Diesel	(LJ70)[2L]	11.84- 10.85	114288	14 50	11.84- 10.85	110708	12 2.7
					11.84- 10.85	111387	12 2.0
					11.84- 10.85	113239	12 2.5



Land Cruiser 2.4 TD	(LJ70)[2L-T]					01.90- 08.93	110708	12	2.7	
						01.90- 08.93	111387	12	2.0	
						08.93- 01.95	112336	12	2.0	
						01.90- 05.93	113239	12	2.5	
						09.92- 01.95	113936	12	2.7	
		(LJ70,73)[2L-T]	10.85- 05.90	111483	14	55	10.85- 12.89	110708	12	2.7
	10.85- 05.90		114288	14	50	10.85- 12.89	111387	12	2.0	
						10.85- 05.90	113239	12	2.5	
						01.90- 08.93	110708	12	2.7	
						01.90- 08.93	111387	12	2.0	
Land Cruiser 2.6 Diesel	(HJ45_P)[H]					08.93- 01.95	112336	12	2.0	
						07.90- 05.96	113239	12	2.5	
						07.90- 05.96	113936	12	2.7	
						11.84- 12.89	110708	12	2.7	
						01.75- 07.80	113239	12	2.5	
		(LJ77)[2L-T]					01.90- 08.01	113239	12	2.5
						10.00-	113239	12	2.5	
						10.00-	113757	12	2.2	
						10.00-	113938	12	2.7	
						01.05-	113239	12	2.5	
Land Cruiser 2.8 TD 4x4	(LJ77)[2L-T]					01.05-	113757	12	2.2	
						08.04-	113938	12	2.7	
						03.10-	113938	12	2.7	
						01.03-	113239	12	2.5	
						01.03-	113938	12	2.7	
		(HJ45_P)[H]					01.10-	113938	12	2.7
						01.10-	113757	12	2.2	
						01.10-	113938	12	2.7	
						02.74- 10.84	110563	28	15	
						04.82- 10.84	111484	28	50	
Land Cruiser 3.0 D-4D	(LJ77)[2L-T]					05.93- 05.96	113239	12	2.5	
						05.93- 05.96	113757	12	2.2	
						05.93- 05.96	113239	12	2.5	
						05.93- 05.96	113757	12	2.2	
						04.96-	113757	12	2.2	
		(LJ77)[2L-T]					A13 04.96-	113938	12	2.7
						04.96-	113239	12	2.5	
						04.96-	113239	12	2.5	
						04.96-	113312#	12	1.4	
						01.96-	113239	12	2.5	
Land Cruiser 3.0 D-4D 150	(LJ77)[2L-T]					08.80- 10.84	110563	28	15	
						04.82- 08.88	111484	28	50	
						08.80- 10.84	110563	28	15	
						04.82- 10.84	111484	28	50	
						08.80- 10.84	113239	12	2.5	
		(LJ77)[2L-T]					08.80- 10.84	113239	12	2.5
						08.80- 10.84	113239	12	2.5	
						10.81- 08.87	111613	28	50	
						04.82- 08.88	111484	28	50	
						PS 05.82- 08.88	111484	28	50	
Land Cruiser 3.0 Diesel	(LJ77)[2L-T]					11.84- 12.96	113239	12	2.5	
						10.85- 08.86	113239	12	2.5	
						04.79- 07.80	113239	12	2.5	
						03.69- 01.75	113239	12	2.5	
						03.69- 01.75	113239	12	2.5	
		(LJ77)[2L-T]					11.84- 08.87	113239	12	2.5
						01.03-	113239	12	2.5	
						01.03-	113809	12	2.2	
						08.87- 08.92	113239	12	2.5	
						08.80- 10.84	113239	12	2.5	
Land Cruiser 3.4 Diesel	(LJ77)[2L-T]					10.82- 10.84	111596	28	50	
						08.80- 10.84	110581	24	4.5	
						08.80- 10.84	113239	12	2.5	
						08.80- 10.84	113239	12	2.5	
						01.82- 08.87	111596	28	50	
		(LJ77)[2L-T]					08.80- 07.87	110581	24	4.5
						10.81- 01.88	113239	12	2.5	
						01.85- 07.87	110581	24	4.5	
						01.85- 12.87	113239	12	2.5	
						10.85- 12.89	110581	24	4.5	
Land Cruiser 3.4 TD	(LJ77)[2L-T]					10.85- 12.89	110581	24	4.5	
						10.85- 12.89	113239	12	2.5	
						01.75- 04.86	113239	12	2.5	
						01.75- 04.86	113239	12	2.5	
						10.81- 01.88	113239	12	2.5	
		(LJ77)[2L-T]					01.75- 04.86	113239	12	2.5
						01.90- 08.92	111780#	14	60	
						01.90- 08.92	111781	14	80	
						08.92-	112356	14	80	
						08.92-	112360	14	60	
Land Cruiser 3.4 Diesel	(LJ77)[2L-T]					01.95- 01.98	112356	14	80	
						01.90- 08.92	111780#	14	60	
						01.90- 08.92	111781	14	80	
						01.90- 08.92	111782	28	30	
						08.92-	112356	14	80	
		(LJ77)[2L-T]					08.92-	112360	14	60
						01.90-	111782	28	30	
						01.90- 12.95	111679	24	4.5	
						01.90-	113239	12	2.5	
						01.98-	113239	12	2.5	
Land Cruiser 3.6 Diesel	(LJ77)[2L-T]					01.98-	115415*	14	120	
						08.92- 12.97	113239	12	2.5	
						01.08-	113973	14	120	
						02.02-	114433	14	80	
						01.98-	114433	14	80	
		(LJ77)[2L-T]					01.98-	114440	12	1.4
						10.79- 08.85	110138	14	40	
						10.79- 10.86	110258	14	35	

## STARTERS & ALTERNATORS

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	[4K-C]	10.79- 08.85	110138	14 40				
		10.79- 08.85	110258	14 35				
	(M2_G)[4K]	10.79- 09.85	110138	14 40	10.79- 09.85	110513		
		10.79- 09.85	110258	14 35				
Liteace 1.5	(KR21LG)[5K]	01.92- 01.95	110138	14 40				
		01.92- 01.95	110258	14 35				
	(KR27_V)[5K]	01.92- 01.95	110138	14 40				
		01.92- 01.95	110258	14 35				
	(M3)[5K]	05.86- 12.91	110138	14 40				
		05.86- 09.91	110258	14 35				
	[5K]	10.85- 12.91	110138	14 40				
		10.85- 12.91	110258	14 35				
Liteace 1.8 Diesel	(CM30_V)[1C]				10.82- 08.85	111386#	12 2.0	
	(M2_G)[1C]	11.83- 08.85	110248	14 40	11.83- 08.85	110397	12 1.0	
Liteace 2.0 Diesel	(CM30LG)[2C]				08.88- 01.92	111564	12 2.2	
	(CM36)[2C]				08.88- 01.92	111564	12 2.2	
Liteace 2.2	(YR22LG)[4Y-EC]	08.88- 01.90	110675	14 75				
Model F 1.8	(YR20)[2Y]	11.82- 08.84	110248	14 40	11.82- 08.84	110397	12 1.0	
	[2Y-C]	11.82- 08.84	110248	14 40	11.82- 08.84	110397	12 1.0	
Model F 2.0	(YR20)[3Y]	08.88- 01.90	111428	14 60	08.88- 01.90	110397	12 1.0	
	(YR21)[3Y]	11.82- 08.85	110248	14 40	08.84- 08.88	110397	12 1.0	
		09.85- 08.88	111428	14 60				
	[3Y-C]	11.82- 08.85	110248	14 40	08.84- 08.88	110397	12 1.0	
		09.85- 08.88	111428	14 60				
MR2 1.6 16V	(AW11)[4A-GEL]	11.84- 12.89	110496	14 60				
		11.84- 06.90	111435	14 70				
	[4A-GELC]	11.84- 12.89	110496	14 60				
		11.84- 06.90	111435	14 70				
MR2 1.8 VVTi 16V	(ZZW30)[1ZZ-FE]	04.00-	114361	14 80	12.99-	111785	12 1.0	
MR2 2.0 16V	(SV20)[3S-GE]	12.89- 05.00	111435	14 70	12.89-	111544	12 1.4	
		12.89- 11.92	111538	14 80				
		12.89- 11.92	112102	14 90				
		12.89- 05.00	113201#	14 80				
		11.92-	112101	14 80				
	(SW20)[3S-GE]	12.89- 05.00	111435	14 70	12.89-	111544	12 1.4	
		12.89- 11.92	111538	14 80				
		12.89- 11.92	112102	14 90				
		12.89- 05.00	113201#	14 80				
		11.92-	112101	14 80				
	[3S-GE]	12.89- 05.00	111435	14 70	12.89-	111544	12 1.4	
		12.89- 11.92	111538	14 80				
		12.89- 11.92	112102	14 90				
		12.89- 05.00	113201#	14 80				
		11.92-	112101	14 80				
Paseo 1.5 16V	(EL54)[5E-FE]	08.95-	111518	14 70	08.95- 07.99	113649	12 1.2	
		AT 08.95- 07.99	111678	14 60	08.95- 07.99	113665	12 1.2	
			111518	14 70				
Picnic 2.0	(_XM10_)[3S-FE]	09.96- 05.01	111468	14 80	09.96- 05.01	111550	12 1.4	
		09.96- 05.01	111517	14 70	09.96- 05.01	111463	12 1.0	
Picnic 2.0 16V	(XM1)[3S-FE]	05.96-	111517	14 70	05.96-	111463	12 1.0	
		AT 05.96-	111468	14 80	05.96-	111550	12 1.4	
Picnic 2.2 Diesel	[3C-TE]	08.97-	112363	14 80	08.97-	111874	12 2.2	
					08.97- 12.01	114240*	12 1.4	
Previa 2.0 D-4D	(ACR3_)[1CD-FTV]	03.01-	114115	14 130	03.01-	111874	12 2.2	
Previa 2.4	[2TZ-FE]	05.90- 08.91	111536	14 70	05.90-	111682#	12 1.4	
		05.91- 08.93	111482#	14 70				
		08.93-	111537	14 70				
Previa 2.4 4WD	[2TZ-FE]	05.90- 08.91	111536	14 70	08.90-	111682#	12 1.4	
		09.91- 08.93	111482#	14 70				
		08.93-	111537	14 70				
Previa 2.4 16V	(ACR3)[2AZ-FE]	AC 08.00-	114273	14 100	08.00-	112367	12 1.4	
RAV 2.2 D-4D	(ACA_, ACE_, ALA_)[2AD-FHV]	12.08-	114410	14 130	12.08-	114216	12 2.0	
	[2AD-FTV]	12.08-	114410	14 130	12.08-	114216	12 2.0	
RAV 4 1.8 i 16V	(XA2)[1ZZ-FE]	02.01-	114361	14 80	05.00-	113271	12 1.1	
RAV 4 2.0 16V	(4WD)[3S-FE]	04.94- 09.97	111468	14 80	04.94-	111463	12 1.0	
		04.94-	111517	14 70	A13 04.94-	111550	12 1.4	
	[3S-FE]	04.94- 09.97	111468	14 80	04.94-	111463	12 1.0	
		04.94-	111517	14 70	A13 04.94-	111550	12 1.4	
RAV 4 2.0 i 16V 4WD	(XA2)[1AZ-FE]	06.00-	113902	14 100	06.00-	112367	12 1.4	
		06.00-	114186	14 90				
		07.03-	114273	14 100				
RAV 4 2.0 VVTi	(ACA_, ACE_)[1AZ-FE]	03.06-	114246	14 100	03.06-	114255*	12 1.3	
RAV 4 2.0 D-4D 4WD	(XA2)[1CD-FTV]	09.01-	114115	14 130	09.01-	111874	12 2.2	
					09.01-	114240*	12 1.4	
RAV 4 2.2 D-4D	(ACA_, ACE_)[2AD-FTV]				12.08-	114216	12 2.0	
	(ALA30)[2AD-FTV]	03.06-	114410	14 130	03.06-	114216	12 2.0	
RAV 4 2.2 D-4D CAT	(ALA30)[2AD-FHV]	03.06-	114410	14 130	03.06-	114216	12 2.0	
Starlet 1.0	(2K)[2K]	02.78- 07.82	110137	14 30				
		02.78- 09.84	110138	14 40				
		02.78- 09.84	110258	14 35				
	(EP70L)[1E-L]	10.84- 12.89	110628	14 45	10.84- 12.89	110323	12 0.8	
		04.88- 12.89	110496	14 60				
	(EP80_)[1E]	12.89- 01.92	110496	14 60				
		12.89- 12.92	111435	14 70				
	(KP60)[2K]	02.78- 07.82	110137	14 30				
		02.78- 02.86	110138	14 40				
		02.78- 09.84	110258	14 35				



Starlet 1.0 1000	(KP)[2K]	05.76- 08.78	110258	14	35				
		02.78- 08.78	110137	14	30				
		02.78- 08.78	110138	14	40				
Starlet 1.2	(KP6_)[3K-H]	02.78- 09.82	110258	14	35				
		10.78- 08.82	110138	14	40				
Starlet 1.2 S	(KP62)[3K-H]	02.78- 08.82	110137	14	30				
		02.78- 08.82	110138	14	40				
		10.78- 08.82	110258	14	35				
Starlet 1.3	(EP71L)[2E-LC]	10.84- 12.89	110628	14	45	10.84- 12.89	110323	12	0.8
		04.88- 12.89	110496	14	60				
	[4E-FE]	01.96- 111518	14	70	04.96- 03.99	113665	12	1.2	
	AT 01.96-	111518	14	70	04.96- 03.99	113649	12	1.2	
Starlet 1.3 S	(KP61)[4K]	12.81- 02.85	110138	14	40				
		08.82- 09.84	110258	14	35				
Starlet 1.3 12V	(EP81)[2E-E]	12.89- 06.91	110628	14	45	12.89- 05.94	110323	12	0.8
		01.92-	111518	14	70	A13 12.89- 05.94	110709	12	1.0
	(EP81_)[2E]	12.89- 12.92	110496	14	60				
	[2E-E]	12.89- 12.92	111435	14	70				
Starlet 1.5 Diesel	(_P8_)[1N]	01.92- 01.96	111518	14	70				
		(NP70L)[1N]	12.86- 01.92	110496	14	60			
		12.86- 12.89	111435	14	70				
		08.83- 07.86	111428	14	60	08.84- 08.87	110396	12	1.4
Supra 3.0 24V	(MA70)[7M-GE]	01.86- 08.88	111435	14	70	01.86- 08.88	110396	12	1.4
		01.86- 08.88	111705	14	70				
Supra 3.0 Turbo	(MA70)[7M-GTE]					09.87- 04.90	110396	12	1.4
Tercel 1.3	(AL20)[2A]	05.82- 05.86	110273	14	50	05.82- 04.85	110399#	12	1.0
Tercel 1.5	(_L1_ , _L2_)[3A-C]	10.82- 08.84	110273	14	50				
Tercel 1.5 4WD	(AL25)[3A]	10.82- 05.86	110273	14	50	10.82- 01.88	110399#	12	1.0
		[3A-C]				05.86- 01.88	110399#	12	1.0
Toyoace 2.5 Diesel	(JY30)[2J]						114336	24	4.5
Verso 1.6	(ZGR20)[1ZR-FAE]	04.09-	114694	14	100	04.09-	114886	12	1.2
Verso 1.8 VVTi	(ZGR21)[2ZR-FAE]	04.09-	114694	14	100	04.09-	114886	12	1.2
Verso 2.0 D-4D	(AUR20)[1AD-FTV]	04.09-	114390	14	100	04.09-	114216	12	2.0
		04.09-	114410	14	130				
Verso 2.2 D-4D	(AUR21)[2AD-FHV]	04.09-	114390	14	100	04.09-	114216	12	2.0
		04.09-	114410	14	130				
Verso 2.2 D-CAT	(AUR21)[2AD-FHV]	04.09-	114390	14	100	04.09-	114216	12	2.0
		04.09-	114410	14	130				
Yaris 1.0 16V	(_CP10_)[1S Z-FE]	Produced in France 03.03-	114005	14	70	01.01-	113313	12	0.7
		Produced in France 03.03-	114006	14	90				
Yaris 1.0 i	(SCP10)[1SZ-FE]	04.99- 12.02	114231	14	90	04.99-	114889	12	1.0
		Produced in France 01.01-	114005	14	70	04.99-	113313	12	0.7
		Produced in France 01.01-	114006	14	90				
Yaris 1.0 VVTi	[1KR-FE]	01.06- 10.08	114311	14	90	01.06-	114661	12	1.3
Yaris 1.0	(_P9_)[1KR-FE]	01.06- 10.08	114311	14	90				
Yaris 1.3	[2SZ-FE]	Produced in France 04.02-	114005	14	70	04.02-	113313	12	0.7
		Produced in France 04.02-	114006	14	90				
Yaris 1.3 16V	(NCP10)[2NZ-FE]					AT 11.99-	114239	12	1.6
						11.99-	113314	12	1.0
Yaris 1.3 VVTi	(_P9_)[1NR- FE]	A25 07.10-	114682	14	100				
		(NSP90)[1N R-FE]	A25 03.09-	114682	14	100			
		[2SZ-FE]	01.06- 114667	14	90	Produced in France 01.06-	114125*	12	1.2
		01.06-	114750	14	80				
Yaris 1.4 D-4D	(NLP10)[1ND-TV]	12.01- 08.05	114012	14	90	12.01- 08.05	114071	12	2.0
		12.01- 08.05	114041	14	70				
		12.01- 08.05	114206	14	90				
	(NLP90)[1ND-TV]	01.06-	114291	14	90	A13 01.06- 01.06-	114071 114068	12 1.1	2.0
	(SCP1_ , NLP1_ , NCP1_)[1ND-TV]	05.05- 09.05	114291	14	90	05.05- 09.05	114068	12	1.1
						05.05- 09.05	114071	12	2.0
Yaris 1.5	[1NZ-FE]					03.06-	113314	12	1.0
Yaris 1.5 i 16V	(NCP13)[1NZ-FE]					04.01-	113314	12	1.0
Yaris 1.5 TS	(_CP10_)[1NZ-FE]					01.01-	113314	12	1.0
Yaris 1.5 VVTi TS	(_CP10)[1NZ-FE]					03.03- 07.05	113314	12	1.0
Yaris Verso 1.3	(NCP2_)[2NZ-FE]					AT 11.99- 08.99-	114239 113314	12 1.0	1.6
Yaris Verso 1.4 D-4D	(NLP22)[1ND-TV]	12.01- 09.05	114012	14	90	12.01- 09.05	114071	12	2.0
		12.01- 09.05	114041	14	70				
		12.01- 09.05	114206	14	90				
Yaris Verso 1.5 16V	(NCP21)[1NZ-FE]					03.00-	113314	12	1.0
Yaris Verso 1.5 TS	(NCP2_)[1NZ-FE]					05.03-	113314	12	1.0
<b>PASSENGER CARS US</b>									
4 Runner 2.4	[22R]					01.84- 01.84	110260	12	1.0
						01.84- 01.84	110411	12	1.4
		[22REC]	01.85- 01.85	113077	14	70	01.85- 01.85	110260	12
						01.85- 01.85	110411	12	1.4
4 Runner 2.4 DLX	[22REC]	01.86- 01.89	113077	14	70	01.86- 01.89	110260	12	1.0
						01.86- 01.89	110411	12	1.4
4 Runner 2.4 SR5	[22RE]	01.90- 01.93	113077	14	70	01.94- 01.95	113109	12	1.0
						01.90- 01.93	110260	12	1.0
						01.90- 01.93	110411	12	1.4

## STARTERS & ALTERNATORS

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	[22REC]	01.86- 01.89	113077	14 70		01.94- 01.95	113109	12 1.0
						01.86- 01.89	110260	12 1.0
						01.86- 01.89	110411	12 1.4
4 Runner 2.4 Turbo SR5	[22RTEC]	01.85- 01.88	113077	14 70		01.85- 01.88	110260	12 1.0
						01.85- 01.88	110411	12 1.4
4 Runner 3.0 DLX	[3VZ-E]	01.89- 01.89	111435	14 70				
4 Runner 3.0 SR5	[3VZ-E]					01.94- 01.95	111783#	12 1.4
4 Runner 3.4	[5VZ-FE]					01.98- 01.02	113119	12 1.4
						01.98- 01.02	113173	12 1.8
4 Runner 3.4 Limited	[5VZ-FE]					01.96- 01.97	113119	12 1.4
						01.96- 01.97	113173	12 1.8
4 Runner 3.4 SR5	[5VZ-FE]					01.96- 01.97	113119	12 1.4
						01.96- 01.97	113173	12 1.8
4 Runner 4.0	[1GR-FE]					01.03- 01.07	113809	12 2.2
4 Runner 4.0 Limited	[1GR-FE]					01.05- 01.07	113806	
4 Runner 4.0 Sport	[1GR-FE]					01.05- 01.07	113806	
4 Runner 4.0 SR5	[1GR-FE]					01.05- 01.07	113809	12 2.2
Avalon 3.0	[1MZ-FE]	01.98- 01.01	113081	14 80		01.98- 01.01	112367	12 1.4
Avalon 3.0 XL	[1MZ-FE]	01.95- 01.97	113081	14 80		01.02- 01.03	112367	12 1.4
Avalon 3.0 XLS	[1MZ-FE]	01.95- 01.97	113081	14 80		01.02- 01.03	112367	12 1.4
						01.97- 01.97	113244	12 1.4
Camry 1.8 Turbo DLX	[1CTLG]	01.84- 01.85	110684	14 55		01.84- 01.85	111386#	12 2.0
Camry 2.0	[3S-FE]	01.88- 01.91	111705	14 70		01.88- 01.91	111544	12 1.4
Camry 2.0 All Trac		01.89- 01.91	111705	14 70		01.89- 01.91	111544	12 1.4
Camry 2.0 DLX	[2S-ELC]	01.83- 01.86	111705	14 70				
	[3S-FE]	01.87- 01.91	111705	14 70		01.87- 01.91	111544	12 1.4
Camry 2.0 DLX All Trac	[3S-FE]	01.88- 01.91	111705	14 70		01.88- 01.91	111544	12 1.4
Camry 2.0 LE	[2S-ELC]	01.83- 01.86	111705	14 70				
	[3S-FE]	01.87- 01.91	111705	14 70		01.87- 01.91	111544	12 1.4
Camry 2.0 LE All Trac	[3S-FE]	01.88- 01.91	111705	14 70		01.88- 01.91	111544	12 1.4
Camry 2.0 Turbo DLX	[2C-TLC]	01.86- 01.86	110684	14 55		01.86- 01.86	111386#	12 2.0
Camry 2.2	[5S-FE]	01.98- 01.01	111468	14 80		01.98- 01.01	113244	12 1.4
						01.98- 01.01	112367	12 1.4
		01.93- 01.93	111517	14 70		01.93- 01.93	111544	12 1.4
Camry 2.2 CE	[5S-FE]	01.97- 01.97	111468	14 80		01.97- 01.97	113244	12 1.4
Camry 2.2 DLX	[5S-FE]	01.92- 01.92	111705	14 70		01.92- 01.92	111544	12 1.4
Camry 2.2 DX	[5S-FE]	01.93- 01.96	111517	14 70		01.93- 01.94	111544	12 1.4
		01.95- 01.96	111468	14 80				
Camry 2.2 LE	[5S-FE]	01.92- 01.94	111705	14 70		01.97- 01.97	113244	12 1.4
		01.95- 01.97	111468	14 80		01.92- 01.94	111544	12 1.4
		01.95- 01.96	111517	14 70				
Camry 2.2 XLE	[5S-FE]	01.92- 01.94	111705	14 70		01.97- 01.97	113244	12 1.4
		01.95- 01.97	111468	14 80		01.92- 01.94	111544	12 1.4
		01.95- 01.96	111517	14 70				
Camry 2.2	[5SN-FE]	01.00- 01.01	111468	14 80		01.00- 01.01	112367	12 1.4
						01.00- 01.01	113244	12 1.4
Camry 2.4	[2AZ-FE]					01.03- 01.03	112367	12 1.4
Camry 2.5 DLX	[2VZ-FE]	01.88- 01.91	111480	14 70		01.88- 01.91	111544	12 1.4
Camry 2.5 LE	[2VZ-FE]	01.88- 01.91	111480	14 70		01.88- 01.91	111544	12 1.4
Camry 3.0	[1MZ-FE]	01.01- 01.03	113081	14 80		01.98- 01.03	112367	12 1.4
		01.94- 01.95	113081	14 80		01.93- 01.93	111544	12 1.4
		01.93- 01.93	111965	14 80				
Camry 3.0 CE	[1MZ-FE]					01.97- 01.97	113244	12 1.4
Camry 3.0 DLX	[3UZ-FE]					01.92- 01.92	111544	12 1.4
Camry 3.0 DX	[3VZ-FE]	01.93- 01.93	111965	14 80		01.93- 01.93	111544	12 1.4
Camry 3.0 LE	[1MZ-FE]	01.94- 01.96	113081	14 80		01.06-	114342	12 1.2
						01.94- 01.94	111544	12 1.4
						01.97- 01.97	113244	12 1.4
	[3VZ-FE]					01.92- 01.93	111544	12 1.4
Camry 3.0 SE	[1MZ-FE]	01.94- 01.95	113081	14 80		01.94- 01.94	111544	12 1.4
	[3VZ-FE]					01.92- 01.93	111544	12 1.4
Camry 3.0 XLE	[1MZ-FE]	01.94- 01.95	113081	14 80		01.06-	114342	12 1.2
						01.94- 01.94	111544	12 1.4
						01.97- 01.97	113244	12 1.4
	[3VZ-FE]					01.92- 01.93	111544	12 1.4
Camry 3.3	[3MZ-FE]					01.04-	114342	12 1.2
Camry 3.3 SE	[3MZ-FE]					01.06-	114342	12 1.2
Celica 1.6 ST	[4A-FE]	01.90- 01.93	110678#	14 55		01.90- 01.93	110713	12 1.0
		01.90- 01.93	110682	14 70				
Celica 1.8	[1ZZ-FE]					01.00- 01.05	113620#	12 1.2
	[2ZZ-GE]					01.00- 01.05	113620#	12 1.2
		01.94- 01.95	111579	14 70				
Celica 1.8 GT	[1ZZ-FE]					01.01- 01.05	113620#	12 1.2
Celica 1.8 GTS	[2ZZ-GE]					01.01- 01.05	113620#	12 1.2
Celica 1.8 ST	[7A-FE]	01.94- 01.97	111579	14 70				
Celica 1.9	[8R-C]					01.71- 01.71	110152	12 0.9
Celica 2.0	[18RC]					01.72- 01.74	110152	12 0.9
Celica 2.0 GT	[2S-ELC]	01.86- 01.86	111705	14 70				
	[3S-FE]	01.87- 01.89	111705	14 70		01.87- 01.89	111544	12 1.4
Celica 2.0 GTS Sport	[3S-GELC]	01.86- 01.89	111705	14 70				
Celica 2.0 ST	[3S-FE]	01.87- 01.89	111705	14 70		01.87- 01.89	111544	12 1.4
Celica 2.0 ST Sport	[2S-ELC]	01.86- 01.86	111705	14 70				
Celica 2.0 Turbo All Trac	[3S-GTE]	01.88- 01.92	111705	14 70		01.88- 01.92	111544	12 1.4
Celica 2.0 Turbo GTS All Trac	[3S-GTE]					01.93- 01.93	111544	12 1.4
Celica 2.2	[20R]					01.75- 01.80	110152	12 0.9
						01.75- 01.80	110411	12 1.4
	[5S-FE]	01.99- 01.99	111517	14 70				
Celica 2.2 GT	[5S-FE]	01.90- 01.93	111435	14 70		01.90- 01.93	111544	12 1.4
		01.94- 01.98	111517	14 70				





Celica 2.2 GTS		01.90- 01.92	111435	14	70	01.90- 01.92	111544	12	1.4
Celica 2.2 GTS Sport	[5S-FE]	01.90- 01.93	111435	14	70	01.90- 01.93	111544	12	1.4
Celica 2.4 GT	[22R]					01.81- 01.82	110260	12	1.0
	[22REC]					01.81- 01.82	110411	12	1.4
						01.83- 01.85	110260	12	1.0
Celica 2.4 GTS	[22REC]					01.83- 01.85	110411	12	1.4
						01.83- 01.85	110260	12	1.0
Celica 2.4 ST	[22R]					01.81- 01.83	110260	12	1.0
	[22REC]					01.81- 01.83	110411	12	1.4
						01.84- 01.85	110260	12	1.0
						01.84- 01.85	110411	12	1.4
Corolla 1.1	[KC]	01.68- 01.69	110137	14	30	01.68- 01.69	110150		
Corolla 1.2	[3K-C]	01.70- 01.74	110137	14	30	01.70- 01.74	110150		
						04.69- 03.74	110421	12	0.8
Corolla 1.6	[4A-C]					01.83- 01.83	110399#	12	1.0
	[4A-FE]	01.90- 01.92	110678#	14	55	01.95- 01.97	112033#	12	1.1
		01.90- 01.92	110682	14	70	01.90- 01.94	110713	12	1.0
		01.93- 01.97	111579	14	70				
		01.93- 01.94	112860	14	80				
		01.89- 01.89	110678#	14	55	01.89- 01.89	110713	12	1.0
Corolla 1.6 DLX	[4A-C]					01.83- 01.83	110399#	12	1.0
	[4A-F]	01.88- 01.89	110678#	14	55	01.88- 01.89	110713	12	1.0
		01.88- 01.89	110682	14	70				
	[4A-FE]	01.90- 01.92	110678#	14	55	01.90- 01.92	110713	12	1.0
		01.90- 01.92	110682	14	70				
	[4A-LC]	01.84- 01.87	110678#	14	55	01.84- 01.87	113806		
Corolla 1.6 DLX All Trac	[4A-FE]	01.88- 01.92	110678#	14	55				
		01.88- 01.92	110682	14	70				
Corolla 1.6 DLX Sport	[4A-C]					01.84- 01.87	110399#	12	1.0
						01.84- 01.87	113806		
Corolla 1.6 DX	[4A-FE]	01.96- 01.96	111579	14	70	01.96- 01.96	112033#	12	1.1
Corolla 1.6 FX	[4A-LC]	01.87- 01.87	110678#	14	55	01.87- 01.87	113806		
		01.88-	110682	14	70				
Corolla 1.6 FX16	[4A-GELC]	01.87- 01.88	110496	14	60	01.87- 01.87	113806		
Corolla 1.6 FX16 GTS	[4A-GELC]	01.87- 01.88	110496	14	60	01.87- 01.87	113806		
Corolla 1.6 GTS	[4A-GE]	01.88- 01.91	110496	14	60				
Corolla 1.6 GTS Sport	[4A-GEC]	01.85- 01.87	110496	14	60	01.85- 01.87	113806		
Corolla 1.6 LE	[4A-F]	01.88- 01.89	110678#	14	55	01.88- 01.89	110713	12	1.0
		01.88- 01.89	110682	14	70				
	[4A-FE]	01.90- 01.92	110678#	14	55	01.90- 01.92	110713	12	1.0
		01.90- 01.92	110682	14	70				
	[4A-LC]	01.84- 01.87	110678#	14	55	01.84- 01.87	113806		
Corolla 1.6 LE LTD	[4A-LC]	01.85- 01.86	110678#	14	55	01.85- 01.86	113806		
Corolla 1.6 LSX		01.92- 01.92	110678#	14	55	01.92- 01.92	110713	12	1.0
		01.92- 01.92	110682	14	70				
Corolla 1.6 SR5	[4A-C]					01.83- 01.83	110399#	12	1.0
	[4A-F]	01.88- 01.89	110678#	14	55	01.88- 01.89	110713	12	1.0
		01.88- 01.89	110682	14	70				
	[4A-FE]	01.90- 01.91	110678#	14	55	01.90- 01.91	110713	12	1.0
		01.90- 01.91	110682	14	70				
		01.92- 01.92	110678#	14	55	01.92- 01.92	110713	12	1.0
	01.92- 01.92	110682	14	70					
Corolla 1.6 SR5 ALL TRAC	[4A-FE]	01.88- 01.91	110678#	14	55				
		01.88- 01.91	110682	14	70				
		01.92- 01.92	110678#	14	55				
		01.92- 01.92	110682	14	70				
Corolla 1.6 SR5 Sport	[4A-C]					01.84- 01.87	110399#	12	1.0
						01.84- 01.87	113806		
Corolla 1.8	[7A-FE]	01.97- 01.97	111579	14	70	01.97- 01.97	112033#	12	1.1
		01.93- 01.93	112860	14	80	01.93- 01.93	110713	12	1.0
		01.93- 01.93	111579	14	70				
Corolla 1.8 All Trac		01.93- 01.93	111579	14	70	01.93- 01.93	110713	12	1.0
		01.93- 01.93	112860	14	80				
Corolla 1.8 DX	[7A-FE]	01.93- 01.97	111579	14	70	01.95- 01.97	112033#	12	1.1
		01.93- 01.94	112860	14	80	01.93- 01.94	110713	12	1.0
Corolla 1.8 LE	[7A-FE]	01.93- 01.95	111579	14	70	01.95- 01.95	112033#	12	1.1
		01.93- 01.94	112860	14	80	01.93- 01.94	110713	12	1.0
Corolla 1.8 XRS	[2ZZ-GE]					01.06-	114419	12	1.2
Corolla 1.8 DLX	[1CLC]	01.84- 01.85	110684	14	55	01.84- 01.85	111386#	12	2.0
Corona 1.9	[3R-C]					01.67- 01.70	110152	12	0.9
Corona 2.0	[18RC]					01.72- 01.74	110152	12	0.9
						01.72- 01.74	110411	12	1.4
Corona 2.2	[20R]					01.79- 01.80	110152	12	0.9
						01.79- 01.80	110411	12	1.4
Corona 2.2 Custom	[20R]					01.77- 01.78	110152	12	0.9
						01.77- 01.78	110411	12	1.4
Corona 2.2 DLX	[20R]					01.75- 01.78	110152	12	0.9
						01.75- 01.78	110411	12	1.4
Corona 2.2 SR5	[20R]					01.75- 01.76	110152	12	0.9
						01.75- 01.76	110411	12	1.4
Corona 2.4 DLX	[22R]					01.81- 01.82	110260	12	1.0
						01.81- 01.82	110411	12	1.4
Corona 2.4 Luxury Edition	[22R]					01.81- 01.82	110260	12	1.0
						01.81- 01.82	110411	12	1.4
Corona MK 1.9	[3R-C]					01.69- 01.70	110152	12	0.9
Corona MK 2.0	[18RC]					01.72- 01.72	110152	12	0.9
						01.72- 01.72	110411	12	1.4

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

**TOYOTA** Continued

Cressida 2.6	[4M]				01.78- 01.79	110396	12 1.4
	[4ME]				01.80- 01.80	110396	12 1.4
Cressida 3.0 Luxury	[7M-GE]	01.89- 01.92	111705	14 70			
Crown 2.3	[2M]	01.68- 01.71	110248	14 40	01.68- 01.71	110396	12 1.4
Echo 1.5	[1NZ-FE]				AT 01.04-	114239	12 1.6
Highlander 2.4	[2AZ-FE]	01.01- 01.03	113902	14 100	01.01- 01.03	112367	12 1.4
Highlander 3.0	[1MZ-FE]				01.01- 01.03	112367	12 1.4
Land Cruiser 2.4	(HJ60)				01.87-	113239	12 2.5
Land Cruiser 3.4	(BJ60LG-MK)[3B]				01.84-	113239	12 2.5
	(BJ60LV-KK)[3B]				01.81-	113239	12 2.5
	[3B]				01.82-	113239	12 2.5
Land Cruiser 3.9	[F]	01.73- 01.74	110248	14 40	01.73- 01.74	113239	12 2.5
	[FJ]	01.69- 01.72	110248	14 40	01.69- 01.72	113239	12 2.5
					01.65-	113239	12 2.5
Land Cruiser 4.0	[3F-E]				01.88- 01.92	113097#	12 1.0
					01.88- 01.92	113239	12 2.5
Land Cruiser 4.2	[2F]	01.75- 01.77	110248	14 40	01.75- 01.87	113239	12 2.5
Land Cruiser 4.2	(BJ42)				01.81-	113239	12 2.5
	(BJ60)				01.81-	113239	12 2.5
	(BJ70)				01.85-	113239	12 2.5
	(HJ60)				01.86-	113239	12 2.5
Land Cruiser 4.5	[1FZ-FE]	01.93- 01.97	113078#	14 80	01.93- 01.97	113169	12 2.2
					01.93- 01.97	113239	12 2.5
Land Cruiser 4.7	[2UZ-FE]				01.98- 01.02	113239	12 2.5
Land Cruiser 5.7	[3UR-FE]				01.08-	113239	12 2.5
Mark II 2.3	[2M]	01.72- 01.72	110248	14 40	01.72- 01.72	110396	12 1.4
Mark II 2.6	[4M]	01.73- 01.76	110248	14 40	01.73- 01.76	110396	12 1.4
Matrix 1.8 XRS	[2ZZ-GE]				01.03-	114419	12 1.2
MR2 1.6	[4A-GELC]	01.85- 01.89	110496	14 60			
MR2 1.6 Super	[4A-GZE]				12.89-	111455	12 0.8
MR2 2.0 Turbo	[3S-GTE]	01.91- 01.95	112102	14 90	01.91- 01.95	111544	12 1.4
MR2 2.2	[5S-FE]	01.91- 01.95	112102	14 90	01.91- 01.95	111544	12 1.4
Paseo 1.5	[5E-FE]	01.92- 01.95	110496	14 60	01.92- 01.97	110323	12 0.8
		01.92- 01.95	113636#	14 70	01.96- 01.99	113665	12 1.2
		01.96- 01.99	111678	14 60	01.92- 01.95	110709	12 1.0
Paseo 1.5 Convertible	[5E-FE]	01.97- 01.97	111678	14 60	01.97- 01.97	113665	12 1.2
Pick Up 1.9	[3R-C]	01.69-	110137	14 30			
	[8R-C]	01.70- 01.71	110137	14 30	01.70- 01.71	110152	12 0.9
Pick Up 2.0	[18RC]				01.72- 01.74	110152	12 0.9
Pick Up 2.2	[20R]				01.75- 01.80	110152	12 0.9
					01.75- 01.80	110411	12 1.4
Pick Up 2.2	[L]				01.81- 01.81	110708	12 2.7
Pick Up 2.2 DLX	[L]				01.82- 01.83	110708	12 2.7
Pick Up 2.2 SR5	[L]				01.83- 01.83	110708	12 2.7
Pick Up 2.4	[22R]				01.81- 01.90	110260	12 1.0
					01.81- 01.90	110411	12 1.4
	[22RE]	01.89- 01.93	113077	14 70	01.89- 01.93	110260	12 1.0
					01.89- 01.93	110411	12 1.4
	[22REC]				01.84- 01.88	110260	12 1.0
					01.84- 01.88	110411	12 1.4
Pick Up 2.4 DLX	[22R]				01.82- 01.90	110260	12 1.0
					01.82- 01.90	110411	12 1.4
	[22RE]	01.89- 01.93	113077	14 70	01.89- 01.93	110411	12 1.4
					01.89- 01.93	110260	12 1.0
	[22REC]	01.87- 01.88	113077	14 70	01.87- 01.88	110260	12 1.0
					01.87- 01.88	110411	12 1.4
Pick Up 2.4 RN01		01.91- 01.91	113077	14 70	01.91- 01.91	110411	12 1.4
					01.91- 01.91	110260	12 1.0
Pick Up 2.4 RN02					01.93- 01.93	110411	12 1.4
					01.93- 01.93	110260	12 1.0
Pick Up 2.4 RN60		01.85- 01.85	113077	14 70	01.85- 01.85	110260	12 1.0
					01.85- 01.85	110411	12 1.4
Pick Up 2.4 RN63		01.86- 01.87	113077	14 70	01.86- 01.87	110411	12 1.4
					01.86- 01.87	110260	12 1.0
Pick Up 2.4 SR5	[22R]				01.82- 01.83	110260	12 1.0
					01.82- 01.83	110411	12 1.4
	[22RE]	01.89- 01.90	113077	14 70	01.89- 01.90	110260	12 1.0
					01.89- 01.90	110411	12 1.4
	[22REC]				01.84- 01.88	110260	12 1.0
					01.84- 01.88	110411	12 1.4
Pick Up 2.4 Turbo	[22RTEC]	01.86- 01.87	113077	14 70	01.86- 01.87	110260	12 1.0
					01.86- 01.87	110411	12 1.4
Pick Up 2.4 Turbo SR5	[22RTEC]	01.85- 01.88	113077	14 70	01.85- 01.88	110260	12 1.0
					01.85- 01.88	110411	12 1.4
Pick Up 2.4 DLX	[2L]				01.84- 01.85	110708	12 2.7
Pick Up 2.4 LN56					01.84- 01.84	110708	12 2.7
Pick Up 2.4 S/B X/C DX	[2L]				01.85- 01.85	110708	12 2.7
Pick Up 2.4 Turbo DLX	[2LT]				01.85- 01.85	110708	12 2.7
Pick Up 2.4 Turbo S/B X/C DX	[2LT]				01.85- 01.85	110708	12 2.7
Pick Up 3.0 DLX	[3VZ-E]				01.94- 01.95	111783#	12 1.4
Pick Up 3.0 SHT BD DLX EXC	[3VZ-E]	01.91-	111435	14 70			
Pick Up 3.0 SR5	[3VZ-E]				01.94- 01.95	111783#	12 1.4
Previa 2.4 DLX	[2TZ-FE]	01.91- 01.93	111536	14 70	01.91- 01.93	111682#	12 1.4
		01.94- 01.95	111537	14 70			
Previa 2.4 LE	[2TZ-FE]	01.91- 01.93	111536	14 70	01.91- 01.93	111682#	12 1.4
RAV 4 2.0	[1AZFE]				01.03- 01.03	112367	12 1.4
					01.03- 01.03	113244	12 1.4
	[1AZ-FE]				01.01- 01.02	112367	12 1.4
	[3S-FE]	01.96- 01.00	111468	14 80	01.96- 01.00	111550	12 1.4



Sienna 3.0	[1MZ-FE]					01.98- 01.02	112367	12 1.4
						01.03-	114342	12 1.2
Sienna 3.3 CE	[3MZ-FE]					01.06-	114342	12 1.2
Sienna 3.3 LE	[3MZ-FE]					01.06-	114342	12 1.2
Solara 2.2	[5S-FE]	01.99- 01.01	111468	14 80		01.99- 01.01	112367	12 1.4
Solara 2.4	[2AZ-FE]					01.03- 01.03	112367	12 1.4
Solara 2.4 SE	[2AZ-FE]					01.07-	114342	12 1.2
Solara 3.0	[1MZ-FE]	01.00- 01.02	113081	14 80		01.99- 01.02	112367	12 1.4
Starlet 1.3	(_P7_) [2E-LC]	10.84- 11.89	110628	14 45				
		04.88- 12.89	110496	14 60				
Supra 2.6	[4ME]					01.79- 01.80	110396	12 1.4
Supra 3.0	[2JZ-GE]	01.96- 01.98	113089	14 80				
	[7M-GE]	01.86- 01.92	111705	14 70				
Supra 3.0 Turbo	[7M-GTE]	01.87- 01.92	111705	14 70				
T100 2.7	[3RZ-FE]	01.94- 01.97	113091	14 60		01.98- 01.98	111784	12 1.4
T100 3.4	[5VZ-FE]					01.95- 01.98	113119	12 1.4
						01.95- 01.98	113173	12 1.8
T100 3.4 DLX	[5VZ-FE]					01.95- 01.95	113119	12 1.4
						01.95- 01.95	113173	12 1.8
T100 3.4 DLX EXC	[5VZ-FE]					01.95- 01.95	113119	12 1.4
						01.95- 01.95	113173	12 1.8
T100 3.4 DLX One-Ton	[5VZ-FE]					01.95- 01.95	113119	12 1.4
						01.95- 01.95	113173	12 1.8
T100 3.4 SR5	[5VZ-FE]					01.95- 01.97	113119	12 1.4
						01.95- 01.97	113173	12 1.8
Tacoma 2.4	[2RZ-FE]	01.95- 01.96	113091	14 60		01.95- 01.03	111784	12 1.4
Tacoma 2.4 Regular Cab	[2RZ-FE]	01.95- 01.96	113091	14 60		01.95- 01.97	111784	12 1.4
Tacoma 2.7	[3RZ-FE]	01.95- 01.97	113091	14 60		01.95- 01.03	111784	12 1.4
Tacoma 2.7 Regular Cab	[3RZ-FE]	01.95- 01.97	113091	14 60		01.95- 01.97	111784	12 1.4
Tacoma 3.4	[5VZ-FE]					01.95- 01.03	113119	12 1.4
						01.95- 01.04	113173	12 1.8
Tacoma 3.4 Regular Cab	[5VZ-FE]					01.95- 01.97	113119	12 1.4
						01.95- 01.97	113173	12 1.8
Tacoma 3.4 SR5	[5VZ-FE]					01.95- 01.97	113119	12 1.4
						01.95- 01.97	113173	12 1.8
Tacoma 4.0 VVTi						01.05- 01.07	113809	12 2.2
Tercel 1.5	[1AC]					01.80- 01.80	110323	12 0.8
	[3A]					01.80- 01.80	110399#	12 1.0
	[3A-C]					01.86- 01.86	110399#	12 1.0
	[3E]	01.87- 01.90	110496	14 60		01.81- 01.85	110399#	12 1.0
		01.87- 01.90	110628	14 45		01.87- 01.90	110709	12 1.0
	[3EE]	01.91- 01.94	110496	14 60		01.87- 01.90	110323	12 0.8
						01.91- 01.94	110709	12 1.0
						01.91- 01.94	110323	12 0.8
	[5E-FE]	01.95- 01.96	111678	14 60		01.95- 01.96	110323	12 0.8
Tercel 1.5 CE	[5E-FE]	01.97- 01.98	111678	14 60		01.97- 01.98	113665	12 1.2
Tercel 1.5 DLX	[3A-C]					01.81- 01.88	110399#	12 1.0
	[3E]	01.87- 01.88	110496	14 60		01.87- 01.88	110709	12 1.0
		01.87- 01.88	110628	14 45		01.87- 01.88	110323	12 0.8
	[3EE]	01.90- 01.94	110496	14 60		01.90- 01.94	110709	12 1.0
		01.93- 01.95	111678	14 60		01.90- 01.94	110323	12 0.8
Tercel 1.5 DX	[5E-FE]	01.95- 01.96	111678	14 60		01.95- 01.96	110323	12 0.8
Tercel 1.5 EZ	[3E]	01.88- 01.88	110496	14 60		01.88- 01.88	110709	12 1.0
		01.88- 01.88	110628	14 45		01.88- 01.88	110323	12 0.8
	[3EE]	01.90- 01.90	110496	14 60		01.90- 01.90	110323	12 0.8
						01.90- 01.90	110709	12 1.0
Tercel 1.5 LE	[3EE]	01.91- 01.93	110496	14 60		01.91- 01.93	110709	12 1.0
						01.91- 01.93	110323	12 0.8
Tercel 1.5 S		01.90- 01.94	110496	14 60		01.90- 01.94	110323	12 0.8
		01.90- 01.90	110628	14 45		01.90- 01.94	110709	12 1.0
Tercel 1.5 SR5	[3A-C]					01.81- 01.88	110399#	12 1.0
Tundra 3.4	[5VZ-FE]					01.00- 01.02	113119	12 1.4
						01.00- 01.04	113173	12 1.8
Tundra 4.0	[1GR-FE]					01.05- 01.07	113809	12 2.2
Tundra 4.0 SR5	[1GR-FE]					01.05- 01.07	113809	12 2.2
Tundra 4.7	[2UZ-FE]	01.00- 01.00	114433	14 80				
		01.01- 01.01	114434	14 100				
Van 2.0 CRG	[3YEC]	01.84- 01.85	111428	14 60		01.84- 01.85	110397	12 1.0
Van 2.0 DX	[3YEC]	01.84- 01.85	111428	14 60		01.84- 01.85	110397	12 1.0
Van 2.0 LE	[3YEC]	01.84- 01.85	111428	14 60		01.84- 01.85	110397	12 1.0
Van 2.2 CRG	[4Y-EC]	01.86- 01.89	111428	14 60				
Van 2.2 DX	[4Y-EC]	01.86- 01.89	111428	14 60				
Van 2.2 LE	[4Y-EC]	01.86- 01.89	111428	14 60				
<b>PASSENGER CARS AO</b>								
4 Runner 2.4 TD RS5 4WD	(_N130_) [2L-T]					08.89- 11.95	110708	12 2.7
						08.89- 11.95	111387	12 2.0
4 Runner 3.0 TDI 4x4						09.00- 07.02	113757	12 2.2
Allion 2.0 4x4						06.01- 06.07	114255*	12 1.3
Avalon 3.5 VVTi	[2GR-FE]					10.04-	114342	12 1.2
Avensis 2.0 VVTi	(T25) [1AZ-FE]					03.03-	114255*	12 1.3
Avensis 2.4 VVTi Verso GLS	(AC_) [2AZ-FE]	10.03-	114273	14 100		10.03-	114255*	12 1.3
Camry 2.0 4WD	(_V2_) [3S-FE]	08.88- 05.91	111705	14 70		08.88- 05.91	111544	12 1.4
Camry 2.4 VVTi	(_V40) [2AZ-FE]					01.06-	114342	12 1.2
Camry 3.3 VVTi	(_V30) [3MZ-FE]					08.02- 12.05	114342	12 1.2
Camry 3.5 VVTi XLE	(_V30) [2GR-FE]					01.06-	114342	12 1.2
Coaster 2.4	[22R]					05.80-	110260	12 1.0
Corolla 1.5 Levin S		06.91- 08.97	111579	14 70		06.91- 08.97	111455	12 0.8
						06.91- 08.97	110713	12 1.0
Corolla 1.5 RC	(_E12_, _E12T_) [1NZ-FE]					06.04-	113314	12 1.0

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**TOYOTA** *Continued*

Corolla 1.6	(_E9_)					08.87-	12.87	113806		
Corolla 1.6 GL 4WD	(_E9_)[4A-F]					10.87-	12.87	113806		
Corolla 1.6 SR	(AE86)[4A-C]					01.84-	04.85	113806		
Corolla 1.6 GTi Twin Cam	(AE86)					01.84-	07.87	113806		
Corolla 1.8	(_E12_)[1ZZ-FE]	06.04-	113296	14	80					
		06.04-	114158	14	70					
Corolla 1.8 Verso	(_E12J_)					09.01-	05.04	114056	12 1.3	
	(ZER_, ZZE_)					03.04-		114056	12 1.3	
Corolla 2.0 D-4D GS	(_E11_)[1CD-FTV]	08.00-	10.01	114227*	14	120	08.00-	10.01	114240*	12 1.4
Corolla 2.2 D-4D	(_E12J_, _E12T_)[2AD-FHV]	11.06-	114390	14	100	11.06-		114216	12 2.0	
		11.06-	114410	14	130					
Corona 1.6						12.87-	12.87	113806		
Crown 2.4 Diesel	[2L-TE]	08.94-	08.99	114203	14	60				
Dyna 2.4 Diesel	[2L]					08.77-	04.79	114417	12 2.5	
Dyna 100 1.8	(YH_)[2Y]					01.86-	08.91	110708	12 2.7	
						09.91-	09.93	111387	12 2.0	
Dyna 150 2.8 Diesel	(LY_)[3L]					08.89-	09.93	111387	12 2.0	
Dyna 200 3.0 Diesel						08.89-	09.93	111387	12 2.0	
Dyna 200 3.7 Diesel	[14B]					08.88-	05.95	114417	12 2.5	
Echo 1.5 VVTi	[1NZ-FE]					04.99-	08.05	113314	12 1.0	
Hiace 2.2	(H5_)[4Y]					01.87-		110397	12 1.0	
Hiace 2.2 4x4	(H5_)[4Y]					01.87-		110397	12 1.0	
Hiace 2.5 D-4D	(_H1_, _H2_)[2KD-FTV]	09.06-	114024	14	70					
Hiace 2.5 D-4D 4x4	(_H1_, _H2_)[2KD-FTV]	09.06-	114024	14	70					
Hiace 3.0 Diesel	(_H1_, _H2_)[5L]					08.98-		113936	12 2.7	
Hilux 1.6	(_N_)[12R]					05.72-	03.82	110154	12 0.8	
Hilux 1.8	(_N_)[2Y]					08.83-	03.89	110397	12 1.0	
Hilux 2.0 4x4	(_N_)[18R]					01.79-	12.83	110152	12 0.9	
Hilux 2.2 Diesel	(_N_)[L]					09.79-	01.84	110396	12 1.4	
						01.83-		111387	12 2.0	
						08.95-		112336	12 2.0	
Hilux 2.4 TD 4x4						08.05-		114853	12 2.7	
Hilux 2.5 Diesel 4x4	[2KD-FTV]					08.93-	11.95	111783#	12 1.4	
Hilux 3.0 TDiC 4x4	[1KZ-T]									
Hilux 3.4	(_N_)	08.01-	07.05	114362	14	80				
Land Cruiser 2.4 80 4x4	(_J8_)[22R]					01.90-	05.93	113239	12 2.5	
Land Cruiser 2.5 TD 4WD	(_J6_)					11.84-	12.89	113239	12 2.5	
Land Cruiser 2.5 TD 4x4	(_J7_)					11.84-	12.89	113239	12 2.5	
Land Cruiser 2.7	(J12)[2TR-FE]					11.03-		113239	12 2.5	
Land Cruiser 2.7 90	(_J9_)					04.95-	07.02	113239	12 2.5	
Land Cruiser 3.0 TD 90	(_J9_)[1KZ-TE]					04.95-	07.00	113239	12 2.5	
Land Cruiser 3.0 TD GX 90 Custom 4WD	(_J8_)[1KZ-T]					01.90-	09.91	113239	12 2.5	
						01.90-	09.91	113757	12 2.2	
Land Cruiser 3.4	(J12)					09.02-	08.04	113239	12 2.5	
Land Cruiser 3.4 Diesel 80 4x4	(_J8_)					01.90-	12.96	113239	12 2.5	
Land Cruiser 3.5 80 FRT-Top 4WD	(_J8_)[1PZ]					01.90-	08.92	113239	12 2.5	
Land Cruiser 3.5 FRT-Top 4WD	(_J7_)[1PZ]					01.90-	08.92	113239	12 2.5	
Land Cruiser 4.0	(J12)					09.02-	08.04	113239	12 2.5	
Land Cruiser 4.0 Diesel 4x4	(_J7_)[2H]					08.87-	12.89	113239	12 2.5	
Land Cruiser 4.0 TD 4x4	(_J7_)					01.97-	08.01	113239	12 2.5	
Land Cruiser 4.2 TD 90 4WD	(_J9_)					08.99-	08.01	113239	12 2.5	
Land Cruiser 4.2 TDi 24V 100	(_J10_)[1HD-FTE]					01.98-	07.03	113239	12 2.5	
Land Cruiser 4.5 80	(_J8_)					08.92-	01.98	113239	12 2.5	
Land Cruiser 4.7 90	(_J9_)					08.02-		113239	12 2.5	
MR 2 2.0	(_W2_)[3S-FE]	12.89-	08.92	111705	14	70				
Picnic 2.4 VVTi 4x4	[2AZ-FE]					11.03-	08.06	114255*	12 1.3	
PZJ75						01.90-	01.95	113239	12 2.5	
RAV 4 2.0 4x4	(_SXA1_)	04.94-	09.97	111517	14	70	04.94-		111463	12 1.0
		04.94-	09.97	111468	14	80				
Sequoia 4.7	[2UZ-FE]	05.00-		114433	14	80	05.00-		114440	12 1.4
Sequoia 4.7 4x4		05.00-		114433	14	80	05.00-		114440	12 1.4
Starlet 1.3 XL	(_P8_)[2E]	12.89-	06.91	110496	14	60				
		12.89-	01.92	110628	14	45				
Stout 2.2	[4Y]					01.68-		110152	12 0.9	
Wish 2.0 Zi						04.03-		114255*	12 1.3	
<b>TRUCKS EU</b>										
Coaster 4.2						01.93-	05.97	111679	24 4.5	
Dyna 400	[BU222LT-8.0]		114363	28	60					
<b>FORK LIFTS</b>										
2FD100	[2D]					01.84-	01.93	110507	24 4.5	
2FD115	[2D]					01.84-	01.93	110507	24 4.5	
2FD135	[2D]					01.84-	01.93	110507	24 4.5	
2FG-7			110629	14	35					
2FG-9			110629	14	35					
2FGL-7			110629	14	35					
2FGL-9			110629	14	35					
3FD	[2D]					01.80-	01.90	110507	24 4.5	
4SG-10			110629	14	35					
4SG-12			110629	14	35					
4SG-15			110629	14	35					
5FD-10		01.89-	01.94	110629	14	35				
5FD-14		01.89-	01.94	110629	14	35				
5FD-15		01.89-	01.94	110629	14	35				
5FD-18		01.89-	01.94	110629	14	35				
5FD-20		01.89-	01.94	110629	14	35				
5FD-23		01.89-	01.94	110629	14	35				
5FD-25		01.89-	01.94	110629	14	35				
5FD40		01.88-	01.93	111018	14	50	01.88-	01.93	110490	24 4.5
		01.89-	01.94	112252	28	25				
5FD45		01.89-	01.94	112252	28	25	01.88-	01.94	110490	24 4.5



5FD50		01.90- 01.94	112252	28	25		01.90-	110490	24	4.5
5FD60		01.90- 01.94	112252	28	25		01.90-	110490	24	4.5
5FD70		01.90- 01.94	112252	28	25		01.90-	110490	24	4.5
5FDL-10		01.89- 01.94	110629	14	35					
5FDL-14		01.89- 01.94	110629	14	35					
5FDL-15		01.89- 01.94	110629	14	35					
5FDL-18		01.89- 01.94	110629	14	35					
5FDL-20		01.89- 01.94	110629	14	35					
5FDL-23		01.89- 01.94	110629	14	35					
5FDL-25		01.89- 01.94	110629	14	35					
5FG10		01.89- 01.94	110629	14	35		01.89-	111189	12	0.8
							01.86- 01.94	110411	12	1.4
5FG14		01.89- 01.94	110629	14	35		01.89-	111189	12	0.8
							01.86- 01.94	110411	12	1.4
5FG15		01.89- 01.94	110629	14	35		01.89-	111189	12	0.8
5FG18		01.89- 01.94	110629	14	35		01.89-	111189	12	0.8
5FG20		01.86- 01.88	111017	14	50					
		01.89-	111018	14	50					
		01.89- 01.94	110629	14	35					
5FG23		01.86- 01.88	111017	14	50					
		01.89- 01.93	111018	14	50					
		01.89- 01.94	110629	14	35					
5FG25		01.86- 01.88	111017	14	50					
		01.89- 01.93	111018	14	50					
		01.89- 01.94	110629	14	35					
5FG-28		01.89- 01.94	110629	14	35					
5FG-30		01.89- 01.94	110629	14	35					
5FG35		01.89-	111018	14	50					
5FG38		01.89-	111018	14	50					
5FG40		01.89-	111018	14	50					
5FG45		01.90-	111018	14	50					
5FG50							01.94-	110411	12	1.4
5FG60		01.90-	111018	14	50					
5FGL10		01.89- 01.94	110629	14	35		01.86-	110411	12	1.4
							01.89-	111189	12	0.8
5FGL14		01.89- 01.94	110629	14	35		01.86-	110411	12	1.4
							01.89-	111189	12	0.8
5FGL15		01.89- 01.94	110629	14	35		01.86-	110411	12	1.4
							01.89-	111189	12	0.8
5FGL18		01.89- 01.94	110629	14	35		01.89-	111189	12	0.8
							01.86-	110411	12	1.4
5FGL20		01.89- 01.94	110629	14	35		01.89-	110411	12	1.4
		01.86- 01.88	111017	14	50					
		01.89-	111018	14	50					
5FGL23		01.89- 01.94	110629	14	35					
		01.86- 01.88	111017	14	50					
		01.89-	111018	14	50					
5FGL-25		01.89- 01.94	110629	14	35					
6FDL-10			110629	14	35					
6FDL-14			110629	14	35					
6FDL-15			110629	14	35					
6FDL-18			110629	14	35					
6FDL-20			110629	14	35					
6FDL-23			110629	14	35					
6FDL-25			110629	14	35					
6FG-10			110629	14	35					
6FG-14			110629	14	35					
6FG-15			110629	14	35					
6FG-18			110629	14	35					
6FG-20			110629	14	35					
6FG-23			110629	14	35					
6FG-25			110629	14	35					
6FG-28			110629	14	35					
6FG-30			110629	14	35					
6FGL-10			110629	14	35					
6FGL-14			110629	14	35					
6FGL-15			110629	14	35					
6FGL-18			110629	14	35					
6FGL-20			110629	14	35					
6FGL-23			110629	14	35					
6FGL-25			110629	14	35					
7FD10		01.98-	112358	14	55					
7FD14		01.98-	112358	14	55					
7FD15		01.98-	112358	14	55					
7FD18		01.98-	112358	14	55					
7FD20		01.98-	112358	14	55		01.98-	112036	12	2.5
							01.98-	113238	12	2.7
7FD23		01.98-	112358	14	55		01.98-	112036	12	2.5
							01.98-	113238	12	2.7
FD100	[2D]						01.82- 01.84	110507	24	4.5
FG20	[2R]		110137	14	30			110411	12	1.4
			110138	14	40					
FG25	[5R]		110137	14	30			110411	12	1.4
			110138	14	40					
Various Models			113989	14	50					
			114725	14	50					

## STARTERS & ALTERNATORS

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Application list

Triumph												
PASSENGER CARS EU												
Spitfire 1.5 1500	[FM11]	01.75-	12.80	110178	14	36		01.75-	12.80	111103	12	0.8
Spitfire MK 1.3	[FM3]	01.71-	01.72	110178	14	36		01.71-	12.72	111103	12	0.8
TR 6 2.5	[CF1]	01.69-	12.76	110179	14	36						
		01.72-	12.76	110178	14	36						
TR 7 2.0	[CG2]	01.73-	12.81	110179	14	36						
PASSENGER CARS US												
GT6 2.0								01.68-	01.73	111102	12	0.8
Spitfire 1.2								01.63-	01.67	111102	12	0.8
Spitfire 1.3								01.68-	01.72	111102	12	0.8
Spitfire 1.5	[FP]	01.75-	01.79	110178	14	36		01.75-	01.79	111102	12	0.8
	[W]	01.80-	01.80	110178	14	36		01.80-	01.80	111102	12	0.8
		01.73-	01.74	110178	14	36		01.73-	01.74	111102	12	0.8
Spitfire 3.0								01.71-	01.73	110336	12	0.75
TR 250 2.5		01.68-	01.68	110178	14	36		01.68-	01.68	111102	12	0.8
TR 6 2.5	[CF]	01.75-	01.76	111184	14	43						
		01.69-	01.73	110178	14	36		01.69-	01.70	111102	12	0.8
TR 7 2.0	[1]	01.81-	01.81	110179	14	36		01.81-	01.81	110868#	12	1.1
	[CL]	01.75-	01.79	110179	14	36		01.75-	01.79	110868#	12	1.1
	[CV]	01.77-		110179	14	36						
		01.80-	01.80	110179	14	36		01.80-	01.80	110868#	12	1.1
TR 8 3.5		01.80-	01.81	111185	14	43	A47					
Universal												
MISCELLANEOUS												
Universal unit				110977	28	35						
				111355	14	65						
Ursus												
AGRICULTURE												
912										110551	12	3.0
914										110551	12	3.0
933										110551	12	3.0
935										110551	12	3.0
1014										110551	12	3.0
1033										110551	12	3.0
1035										110551	12	3.0
1133										110551	12	3.0
1614										110551	12	3.0
C360										114254	12	2.7 GR
										110545	12	3.0
C385										114254	12	2.7 GR
										110551	12	3.0
										110545	12	3.0
Valpadana												
AGRICULTURE												
2020 0.7	[7LD665]							03.88-	12.90	113268	12	1.6
Various Models										112171	12	1.1
										110844	12	2.2
										113268	12	1.6
VMC 130								01.89-		112171	12	1.1
VMC 150								04.84-		112171	12	1.1
Valtra												
AGRICULTURE												
305		01.83-		113574	14	65						
355		01.89-	01.94	111362	14	55						
405		01.83-		113574	14	65						
411	[411C]							01.81-	01.85	113484	24	4.0
455		01.89-	01.94	111362	14	55						
505 3.3		08.82-		113574	14	65		01.69-	01.75	110545	12	3.0
								08.82-		114254	12	2.7 GR
605 3.3		08.82-		113574	14	65		08.82-		114254	12	2.7 GR
								08.82-	06.94	110545	12	3.0
611 6.6	[611C]							01.75-	12.85	113484	24	4.0
705 4.4		08.82-		113574	14	65		08.82-		114254	12	2.7 GR
								01.71-	01.72	110545	12	3.0
805 4.4		08.82-		113574	14	65		08.82-		114254	12	2.7 GR
								08.82-	06.94	110545	12	3.0
905		01.83-		113574	14	65						
2005		01.85-		112742	14	90						
2105		01.85-		112742	14	90						
6000		01.90-		113574	14	65						
6100		01.90-		113574	14	65						
6300		01.91-		110968	14	70						
		01.91-		111355	14	65						
6400		01.91-		110968	14	70						
		01.91-		111355	14	65						
6600		01.91-		110968	14	70						
		01.91-		111355	14	65						
8000		01.90-		110968	14	70						
		09.90-		111355	14	65						
8050	[620DS]	01.96-		112556	14	95		01.96-		114254	12	2.7 GR
								01.96-		110545	12	3.0
8100		01.90-		110968	14	70						
		09.90-		111355	14	65						
8150	[620DS]	01.96-		112556	14	95		01.96-		114254	12	2.7 GR
								01.96-		110545	12	3.0
8300	[612D]	01.90-	01.93	111355	14	65						
8400	[620DS]	01.93-	01.95	111355	14	65						



8450	[620DW]	01.96-	112556	14	95	01.96-	114254	12	2.7	GR
						01.96-	110545	12	3.0	
8550	[634DS]	01.98-	112556	14	95	01.98-	114254	12	2.7	GR
						01.96-	110545	12	3.0	
8600	[612DS]	01.90- 01.93	111355	14	65					
8750	[634DA]	01.98-	112556	14	95	01.96-	114254	12	2.7	GR
						01.96- 01.98	110545	12	3.0	
	[634DS]	01.98-	112556	14	95	01.96-	114254	12	2.7	GR
						01.96- 01.98	110545	12	3.0	
8950	[634DS]	01.98-	112556	14	95	01.98-	114254	12	2.7	GR
						01.98-	110545	12	3.0	
A75N 3.3 Turbo	[33DT]						113901	12	3.0	
A85N 4.4 Turbo	[44DT]						113901	12	3.0	
A95N 4.4 Turbo	[44DT]						113901	12	3.0	
S230 8.4		01.02-	113610	14	120					
		01.02-	112556	14	95					
S260 8.4	[645D..]	01.02-	112556	14	95					
		01.02-	113610	14	120					
T120		01.02-	113610	14	120	04.00-	113570	12	4.0	
		01.02-	112556	14	95					
T130		01.02-	113610	14	120	04.00-	113570	12	4.0	
T140		01.02-	113610	14	120	04.00-	113570	12	4.0	
T160		01.02-	113610	14	120	04.00-	113570	12	4.0	
T170		01.02-	113610	14	120	04.00-	113570	12	4.0	
T180		01.02-	113610	14	120	04.00-	113570	12	4.0	
T190		01.02-	113610	14	120	04.00-	113570	12	4.0	
Various Models										
X 100		01.02-	113610	14	120					
		01.99-	112556	14	95					
X 110		01.02-	113610	14	120					
		01.99-	112556	14	95					
X 120		01.99-	113610	14	120					
		01.99-	112556	14	95					
Various										
TRUCKS US										
Various Models			113740#	14	160	Military Equipment, GM 6.2L	113435	24	4.5	
			113739	14	130	01.79- 01.80	110436	12		
MARINE										
Various Models			114767	28	100		114729	24	7.0	
			110577	28	55		110999	24		
			113633	14	55		111049	12		
			112237	14	70					
			111761	14	105					
			110976	14	65					
			113152	14	90					
			111487#	14	160					
MISCELLANEOUS										
Universal Alternator			114355	28	55					
Various Agriculture Vehicles										
AGRICULTURE										
			115387	28	140		115428	12	1.8	
			114256	14	70		111855	12	2.2	
			110117	28	35		111701	12	0.8	
			110325#	14	18		111622	12	1.2	
			110448	28	20		110468	12		
			110497	14	70		110469	12		
			110505	14	75		110512	24	5.4	
			110591	28	75		110534	24	5.4	
			110620	14	35		110635	12	0.5	
			110643	28	40		110817	12	2.1	
			110969	14	65		110940	12	1.4	
			110971#	14	65		110949	12	0.6	
			110972	14	65		111015	12	1.1	
			110975	14	65		111021	12	1.4	
			111356	14	55		111049	12		
			111369	14	90		111103	12	0.8	
			111620	14	65		111197	12	2.0	
			111833	28	140		111284	12	2.5	
			112183	14	60		111573	12	2.8	
			112194	14	120		111574	12	2.8	
			114767	28	100		110182	12	0.9	
			114813	28	65		110245	12	1.7	
			115386	28	140		110246	12	1.4	
			111296	28	55		110356	12	1.4	
							110421	12	0.8	
							110447	12	1.0	
							110461	12	2.8	
							110464	12	2.1	
							111646	12	0.2	
							111804	12	0.6	
							111911	12	1.4	
							112249	12	2.7	
							112242	12	0.6	
							112041	12	2.2	
							114677	12	2.0	



Application list

Various Industrial applications												
INDUSTRY												
				115386	28	140			114729	24	7.0	
				112559	14	50						
				114767	28	100						
				114302	28	80			113208	12	0.8	
				113458	28	60			113526	12	0.5	
				113497	28	35			113527	12	0.6	
				113544	14	95			113591	12		
				113548#	14	90			113592	12		
				113589	28	180			113671	12		
				113650	28	80			113681	12	0.6	
				113651	14	160			111249	24	5.4	
				113707	14	200			111646	12	0.2	
				113738	28	55			111701	12	0.8	
				114256	14	70			112250	12	0.6	
				111575	14	90			114744	24	5.4	
				112392#	28	140			112339	12	0.3	
				112657	28	60			112570#	120		
				113457	28	60			112653#	12	2.5	
									112827	12		
				113763	14	85			113827	24	7.0	
				113765	14	90			114677	12	2.0	
									114170	24	4.0	
				113777	14	145						
				113778#	28	100						
				113886	28	50						
				113895	28	80						
				111296	28	55						
				114657	14	14						
				114813	28	65						
				114770	14	80						
				114868	14	75						
				115387	28	140						
Vauxhall												
PASSENGER CARS EU												
Adam 1.2	[A12XEL]							10.12-	115395	12	1.1	
Adam 1.4	[A14XEL]							10.12-	115395	12	1.1	
	[A14XER]							10.12-	115395	12	1.1	
Aquila 1.0	[K10B]	01.08-		114247	14	75						
Aquila 1.0 12V	[Z10XE]	09.00-		111824	14	70	Chas. -19P00893	09.00-	111123	12	0.9	
		Chas. 1G021260-	09.00-	111824	14	70		Chas. 19P00894-	09.00-	113276	12	1.1
	[Z10XEP]	08.03-	08.07	111824	14	70		08.03-	113276	12	1.1	
Aquila 1.0 LPG	[K10B]	01.08-		114247	14	75						
Aquila 1.2	[K12B]	01.08-		114247	14	75						
Aquila 1.2 16V	[K12B]	01.08-		114247	14	75						
	[Z12XE]	09.00-		111824	14	70		09.00-	113276	12	1.1	
		Chas. 1G021260-	09.00-	111824	14	70		09.00-	111684	12	1.4	
Aquila 1.2 16V Twinport	[Z12XEP]	07.04-	08.07	111824	14	70		07.04-	111123	12	0.9	
Aquila 1.2 LPG	[K12B]	04.08-		114247	14	75						
Aquila Mk II 1.0 i	[K10B]	08.11-		114247	14	75						
Antara 3.2 V6	[Z32SEE]	05.06-		114235	14	120						
Arena 1.9 Diesel	[F8Q600]							03.98-	08.01	113481	12	1.4
	[F8Q606]							03.98-	08.01	113481	12	1.4
Arena 2.5 Diesel	[S8U758]	03.98-	08.01	111937	14	75		03.98-	08.01	113134	12	2.2
		03.98-	08.01	112057	14	110						
	[S8U780]	03.98-	08.01	111937	14	75		03.98-	08.01	113134	12	2.2
		03.98-	08.01	112057	14	110						
	[S8U782]	03.98-	08.01	111937	14	75		03.98-	08.01	113134	12	2.2
		03.98-	08.01	112057	14	110						
Astra 1.6	[Z16LET]							10.06-	114298	12	1.1	
	[Z16XEP]	09.05-		114431	14	120		09.05-	113276	12	1.1	
	[Z16XER]	10.06-		114431	14	120		10.06-	114298	12	1.1	
Astra 1.8	[Z18XER]	05.08-		114431	14	120		05.08-	114298	12	1.1	
Astra 1.9 CDTi	[Z19DTH]	01.06-		113904	14	130						
		01.06-		113955	14	105 A47						
		01.06-		114088	14	140						
		01.06-	11.10	114801	14	105 A46						
		01.06-	11.10	115487	14	140 A49						
Astra 1.9 CDTi LE	[Z19DTL]	08.05-		113904	14	130		08.05-	113931	12	1.7	
		08.05-		113955	14	105 A47						
		08.05-		114088	14	140						
		08.05-		114204	14	120						
		08.05-	11.10	114801	14	105 A46						
		08.05-	11.10	115487	14	140 A49						
Astra 2.0 Turbo	[Z20LET]	03.02-		112416	14	100		03.02-	111848	12	1.0	
Astra 2.0 Turbo SRI	[Z20LET]	07.02-		112416	14	100		07.02-	111848	12	1.0	
Astra D 1.2 S	[12S]	02.82-	08.84	110077	14	50		02.82-	08.84	110364	12	0.65
		02.82-	08.84	110971#	14	65						
		08.82-	08.84	113376	14	55						
Astra D 1.3 S	[13S]	09.79-	08.84	110077	14	50		09.79-	08.84	111055	12	0.7
		09.79-	08.84	111656	14	45						
		09.79-	08.84	113376	14	55						
Astra D 1.6 Diesel	[16D]	02.82-	08.86	110972	14	65		01.85-	01.89	110839	12	1.7
Astra D 1.8 GTE	[18E]	03.83-	08.86	110914#	14	45		03.83-	08.86	111056#	12	0.8
		03.83-	08.86	110972	14	65						
		03.83-	08.86	111168	14	55						
Astra E 1.2	[12S]	09.84-	08.91	110077	14	50		09.84-	12.88	110364	12	0.65
		09.84-	08.91	113376	14	55		09.84-	08.91	111055	12	0.7

## STARTERS & ALTERNATORS

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Astra E 1.3	[13S]	09.84- 08.91	110077	14 50	09.84- 08.87	111055	12 0.7	
		09.84- 08.91	113376	14 55	09.84- 08.97	111123	12 0.9	
Astra E 1.4 i	[C14NZ]	01.90- 08.91	111166	14 70	01.90- 08.91	111123	12 0.9	
		01.90- 08.91	113376	14 55	01.90- 08.91	111127	12 1.4	
		PS 01.90- 08.91	111170	14 65				
Astra E 1.4 S	[14NV]				01.90- 08.91	111055	12 0.7	
Astra E 1.6	[16SV]				09.84- 12.91	111055	12 0.7	
Astra E 1.6 Diesel	[16DA]	03.82- 08.88	110972	14 65	09.84- 12.89	110839	12 1.7	
		09.88- 01.89	111168	14 55 W				
		09.88- 12.89	112056	14 70				
Astra E 1.7 Diesel	[17DR]	02.89-	111168	14 55 W				
Astra E 1.8 GTE	[18E]	09.84- 08.86	111168	14 55	01.88- 01.91	111122	12 1.0	
		09.84- 08.86	111800	14 65	09.84- 08.86	111056#	12 0.8	
		09.86- 08.91	111168	14 55	09.86- 08.91	111056#	12 0.8	
Astra E 2.0 GTE	[20SEH]	09.86- 08.91	111800	14 65	03.87- 08.91	110847	12 1.4	
		01.88- 08.91	111169	14 70	03.87- 08.91	111122	12 1.0	
					05.88- 08.91	110847	12 1.4	
Astra E 2.0 16V GTE	[20XE]				05.88- 08.91	111122	12 1.0	
Astra F 1.4 i	[C14NZ]	09.91- 08.95	111166	14 70	09.91- 09.98	111123	12 0.9	
		09.91-	112229	14 70	09.91- 09.98	111127	12 1.4	
		09.91- 09.98	113376	14 55	09.91- 09.93	111055	12 0.7	
		09.95- 09.98	111891#	14 70				
		09.95- 09.98	112689	14 55				
		PS 09.91- 08.92	111170	14 65				
		PS 09.92- 09.98	112229	14 70				
		[C14SE]	03.91- 08.95	112775	14 70	03.91- 09.98	111127	12 1.4
			05.93-	112229	14 70	03.91- 09.98	111123	12 0.9
			09.95- 09.98	111891#	14 70	03.92- 06.94	111055	12 0.7
			PS 03.91- 08.92	111170	14 65			
			PS 09.92- 09.98	112229	14 70			
		[X14XE]	01.96-	111990	14 70	01.96-	111127	12 1.4
01.96-	112229		14 70	01.96-	111123	12 0.9		
				09.97-	111684	12 1.4		
Astra F 1.4 i 16V	[X14XE]	02.96- 09.98	112229	14 70	02.96- 09.98	111123	12 0.9	
Astra F 1.4 S	[14NV]	09.91- 09.93	111166	14 70	09.91- 09.98	111127	12 1.4	
		09.91- 02.98	111732	14 120	09.91-	111123	12 0.9	
		09.91- 09.93	113376	14 55	09.91- 02.95	111055	12 0.7	
		09.95- 09.98	111891#	14 70				
		09.95- 09.98	112689	14 55				
		Chas. S2500016- 09.91- 02.98	111891#	14 70				
		Chas. S2500016- 09.91- 02.98	112689	14 55				
		Chas. -S2500015 09.91- 09.93	113376	14 55				
Astra F 1.6 i	[C16NZ]	09.91- 08.95	111166	14 70	03.92- 09.98	111127	12 1.4	
		09.91- 08.92	111170	14 65	09.91- 04.94	111055	12 0.7	
		09.95- 02.98	111891#	14 70	09.91- 02.98	111123	12 0.9	
		PS 09.91- 08.95	111166	14 70				
		PS 09.91- 08.92	111170	14 65				
		PS 09.92- 02.98	112229	14 70				
		[C16SE]	03.92- 08.95	111166	14 70	03.92- 02.98	111123	12 0.9
			03.92- 02.98	111426	14 100	03.92- 02.98	111127	12 1.4
			03.92- 02.98	111732	14 120	03.92- 02.98	111055	12 0.7
			09.92-	112229	14 70			
	09.95-		111891#	14 70				
	[E16NZ]	PS 03.92- 08.92	111170	14 65				
		PS 09.92- 12.94	112229	14 70				
		09.91- 08.95	111166	14 70	09.91- 02.98	111123	12 0.9	
		09.91- 08.92	111170	14 65	09.91- 04.94	111055	12 0.7	
		09.95- 02.98	111891#	14 70				
	[X16SZ]	PS 09.91- 08.95	111166	14 70				
		PS 09.91- 08.92	111170	14 65				
		PS 09.92- 02.98	112229	14 70				
		03.93- 08.95	112775	14 70	07.94- 02.98	111055	12 0.7	
07.94- 02.98		111426	14 100	07.94- 02.98	111123	12 0.9		
[X16SZR]	07.94- 02.98	111732	14 120					
	09.95- 08.96	111891#	14 70					
	PS 03.93- 08.96	112229	14 70					
	09.95- 08.97	111426	14 100	03.92- 09.98	111127	12 1.4		
	09.95- 08.97	111732	14 120	03.92- 09.98	111123	12 0.9		
	09.95- 09.97	111891#	14 70	09.97-	111684	12 1.4		
	PS 09.95- 08.97	111170	14 65					
PS 09.95- 08.97	112229	14 70						
Astra F 1.6 i 16V	[X16XEL]	01.94- 02.98	111732	14 120	01.94- 02.98	111055	12 0.7	
Astra F 1.6 i Eco	[X16SZ]	01.94- 09.98	112229	14 70	01.94- 02.98	111123	12 0.9	
		08.94- 08.95	112775	14 70	07.94- 02.98	111055	12 0.7	
		09.95- 07.96	111891#	14 70				
Astra F 1.7 Diesel	[17D]	PS 08.94- 07.96	112229	14 70				
		12.91- 02.98	111515	14 70	12.91- 09.92	110839	12 1.7	
		12.91- 09.92	112056	14 70				
Astra F 1.7 Diesel	[17DR]	07.92- 09.98	112056	14 70	07.92- 09.98	110839	12 1.7	
		09.92- 09.98	111515	14 70				
Astra F 1.7 TD	[17DT (TC4EE1)]	12.91- 02.98	111515	14 70	Chas. -750406 12.91- 02.98	111274	12 1.2	
		12.91-	112056	14 70	Chas. 997453- 12.91- 02.98	111690	12 1.1	
		Chas. -S2...S5... S6... S8999999 12.91- 02.98	111186	14 70				
		11.94- 09.98	111515	14 70	11.94- 09.98	110839	12 1.7	
		11.94- 09.98	112056	14 70				
Astra F 1.8 16V	[C18XEL]	11.94-	111426	14 100	11.94-	111848	12 1.0	
		11.94-	112229	14 70				

## STARTERS & ALTERNATORS

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Application list

VAUXHALL Continued

	[X18XE]	03.96- 03.96-	111426 112229	14 100 14 70		03.96-	111848	12 1.0
Astra F 1.8 i	[C18NZ]	09.91- 08.92 09.91- 09.98 09.91- 09.98 03.92- 09.98	111169 111426 112229 111514	14 70 14 100 14 70 14 100				
Astra F 1.8 i 16V	[C18XE]	09.94- 10.94 09.94- 02.98 09.94- 10.94	111426 111732 112229	14 100 14 120 14 70		09.94- 10.94	111848	12 1.0
	[C18XEL]	09.94- 09.94- 02.98 09.94-	111426 111732 112229	14 100 14 120 14 70		09.94-	111848	12 1.0
Astra F 2.0 i	[C20NE]	09.91- 08.92 09.91- 02.98 03.92- 09.98 03.92- 09.98	111169 111732 111426 112229	14 70 14 120 14 100 14 70		09.91- 12.94	110847	12 1.4
Astra F 2.0 i 16V	[C20XE]	09.91- 09.91- 09.91- 02.98 09.91- 02.98	111426 111732 112056 112229	14 100 14 120 14 70 14 70		09.91-	110847	12 1.4
	[X20XEV]	02.95- 09.98 02.95- 09.98	111426 112229	14 100 14 70		02.95- 09.98	111848	12 1.0
Astra G 1.2 16V	[X12XE]	02.98-	111824	14 70		09.97- 09.00 02.98- 09.00	111123 113276	12 0.9 12 1.1
Astra G 1.4 16V	[X14XE]	02.98- 02.98-	111990 112416	14 70 14 100		09.97- 08.00	111123	12 0.9
	[Z14XE]	02.98- 02.98-	111990 112416	14 70 14 100		09.00-	111123	12 0.9
Astra G 1.6	[X16SZR]	02.98- 02.98- 09.00	111990 112416	14 70 14 100		09.97- 09.00 02.98- 09.00	111123 113276	12 0.9 12 1.1
Astra G 1.6 16V	[X16XEL]	02.98- 02.98- 08.00	111990 112416	14 70 14 100		09.97- 08.00	111123	12 0.9
	[Z16XE]	02.98- 02.98-	111990 112416	14 70 14 100		09.00-	111123	12 0.9
Astra G 1.7 TD	[X17DTL]	02.98-	112720	14 100		02.98- 08.00	110839	12 1.7
Astra G 1.8 16V	[X18XE1]	02.98- 02.98-	111990 112416	14 70 14 100		09.97- 09.00 02.98- 09.00	112431 113276	12 1.1 12 1.1
Astra G 2.0 16V	[X20XEV]	02.98- 02.98-	111990 112416	14 70 14 100		09.97-	111848	12 1.0
Astra G 2.0 Diesel	[X20DTL]	02.98- 02.98-	111514 113879	14 100 14 100		02.98-	113674	12 2.0
	[Y20DTL]	09.00- 02.98- 02.98-	112415 111514 113879	14 120 14 100 14 100		09.98-	113674	12 2.0
Astra J GTC 2.0 BiTurbo CDTi BiTurbo	[A20DTR]	12.12- 12.12-	114202 114857	14 100 14 90		12.12-	114058	12 1.7
Astra MK II 1.3	[C13N]	09.85- 08.91 09.85- 08.91 09.85- 08.91	111166 111656 113376	14 70 14 45 14 55		09.85- 08.91	111055	12 0.7
Astra MK II 1.6 i	[16SV]	01.87- 12.91	113376	14 55		09.84- 12.91	111055	12 0.7
	[C16LZ]					10.87- 02.93	111055	12 0.7
	[C16NZ]					10.87- 02.93	111055	12 0.7
	[E16NZ]	01.91- 08.95 09.95- PS 01.91- 08.92 PS 09.92- 08.93	111166 111891# 111170 112229	14 70 14 70 14 65 14 70	Eng. 082382-, 085881	09.87- 12.91 09.87- 12.91	111127 111055	12 1.4 12 0.7
Astra MK II 1.8	[C18NE]					10.85- 08.86	111056#	12 0.8
Astra MK II 1.8 i	[18E]					AT 09.84- 08.91	111056#	12 0.8
Astra MK II 2.0 i	[20NE]					01.87- 12.91	110847	12 1.4
	[C20NE]	01.91- 08.92 09.92- 08.93 09.92- 08.93	111169 111426 112229	14 70 14 100 14 70		01.91- 08.93	110847	12 1.4
Astra MK III 1.4	[14NV]	09.91- 09.93 09.91- 09.93 09.91- 09.93 09.91- 09.93 09.91- 09.93	111426 111732 111891# 112689 113376	14 100 14 120 14 70 14 55 14 55				
	[C14NZ]	09.91- 02.98 09.91- 02.98 09.91- 02.98 09.91- 02.98 09.91- 02.98 09.91- 02.98 09.91- 02.98 09.91- 02.98 09.91- 02.98	111166 111170 111426 111732 111891# 112229 112689 113376	14 70 14 65 14 100 14 120 14 70 14 70 14 55 14 55		09.91- 02.98	111055	12 0.7
Astra MK III 1.4 i 16V	[X14XE]	02.96- 02.98	112229	14 70		02.96- 02.98	111123	12 0.9
Astra MK III 1.6 i 16V	[X16XEL]	01.94- 02.98	112229	14 70		01.94- 02.98	111123	12 0.9
Astra MK III 1.6 Si	[C16SE]	03.91- 08.95 09.95- PS 03.91- 08.92 PS 09.92- 12.94	112775 111891# 111170 112229	14 70 14 70 14 65 14 70		03.92- 02.98 03.92- 02.98	111055 111127	12 0.7 12 1.4
Astra MK III 1.7 Diesel	[17DR]	03.91- 12.94 03.91- 12.94	111515 112056	14 70 14 70		03.91- 12.94	110839	12 1.7
Astra MK III 1.7 TD	[17DT (TC4EE1)]	09.88- 11.95 12.91- 09.98	111186 111515	14 70 14 70		09.88- 09.98	111274	12 1.2
	[X17DTL]	01.94- 02.98	111515	14 70		01.94- 02.98	110839	12 1.7
		01.94- 02.98	112056	14 70				



Astra MK III 1.8	[C18NZ]	09.91- 02.98	111169	14 70				
		09.91- 02.98	111426	14 100				
		09.91- 02.98	111732	14 120				
		09.91- 02.98	112229	14 70				
Astra MK III 1.8 16V	[18SE]	09.95- 02.98	111426	14 100	09.95- 02.98	111848	12 1.0	
		09.95- 02.98	111732	14 120				
		09.95- 02.98	112229	14 70				
Astra MK III 1.8 i 16V	[C18XEL]	09.94- 12.96	111426	14 100	09.94- 12.96	111848	12 1.0	
		09.94- 12.96	112229	14 70				
Astra MK III 2.0 16V	[X20XEV]	01.94- 02.98	111426	14 100	01.94- 02.98	111848	12 1.0	
		01.94- 02.98	111732	14 120				
		01.94- 02.98	112229	14 70				
Astra MK III 2.0 i 16V	[X20XEV]	01.94- 02.98	111426	14 100	01.94- 02.98	111848	12 1.0	
		01.94- 02.98	112229	14 70				
Astra MK III 2.0 DTi 16V	[X20DTH]	08.99-	111514	14 100	08.99-	113674	12 2.0	
Astra MK IV 1.2 16V	[Z12XE]	09.00-	111824	14 70	09.00- 09.03	113276	12 1.1	
					09.00-	111123	12 0.9	
Astra MK IV 1.6	[Z16SE]	09.00-	111990	14 70	09.00-	111123	12 0.9	
		09.00-	112416	14 100	09.00- 01.04	113276	12 1.1	
Astra MK IV 1.6 16V	[Z16XEP]	12.02- 07.09	114431	14 120	12.02- 07.09	111123	12 0.9	
	[Z16XE]	03.01-	111990	14 70	09.00-	111123	12 0.9	
		03.01-	112416	14 100	09.97-	111684	12 1.4	
Astra MK IV 1.6 16V	[Z16XEP]	03.00- 10.05	114431	14 120	03.00- 08.05	113276	12 1.1	
		03.03- 10.05	113276		03.00- 10.05	111123	12 0.9	
Astra Mk IV 1.6 Dualfuel	[Z16XE]	09.02-	111990	14 70	09.02-	113276	12 1.1	
Astra Mk IV 1.6 Dualfuel	[Z16SE]	07.00- 07.09	111990	14 70	07.00- 07.09	111123	12 0.9	
		07.00- 07.09	112416	14 100				
Astra MK IV 1.7 CDTi 16V	[Z17DTL]	04.03-	112271	14 100	04.03- 08.05	112320	12 1.4	
Astra MK IV 1.7 DTi 16V	[Y17DT]	02.00-	112271	14 100	02.00-	112320	12 1.4	
		02.00-	112272	14 70				
		AC 02.00-	112271	14 100				
Astra MK IV 1.8 16V	[Z18XE]	09.00-	111990	14 70	09.00-	112431	12 1.1	
		09.00-	112416	14 100	09.00- 01.04	113276	12 1.1	
Astra MK IV 1.8 Dualfuel 16V	[Z18XE]	09.02- 08.05	111990	14 70	09.02-	113276	12 1.1	
Astra MK IV 2.0 16V	[X20XER]	10.99- 05.05	111990	14 70	10.99- 05.05	111848	12 1.0	
		10.99- 05.05	112416	14 100				
Astra MK IV 2.0 Turbo 16V	[Z20LET]	03.00-	112416	14 100	03.00-	111848	12 1.0	
Astra MK IV 2.0 DTi 16V	[X20DTH]	08.99-	111514	14 100	08.99-	113674	12 2.0	
		08.99-	113879	14 100				
	[Y20DTH]	09.00-	112415	14 120	09.00-	113674	12 2.0	
		08.89-	111514	14 100				
		08.99-	113879	14 100				
Astra Mk IV 2.2	[Z22SE]	03.00-	113352	14 120	03.00-	114341	12 1.2	
Astra MK IV 2.2 16V	[Z22SE]	03.01-	113352	14 120	03.01-	114341	12 1.2	
					03.01-	112083	12 2.8	
Astra MK IV 2.2 DTi	[Y22DTR]	09.02- 05.05	112415	14 120	09.02- 05.05	113674	12 2.0	
Astra MK V 1.2	[Z12XEP]	08.05-	111824	14 70	08.05-	111123	12 0.9	
Astra MK V 1.3 CDTi	[Z13DTH]	08.05-	113720	14 75	08.05-	113719	12 1.3	
		08.05-	113722	14 90	08.05-	113843	12 1.1	
		08.05-	114451	14 105	10.05-	114029	12 1.8	
Astra MK V 1.3 CDTi Sport	[Z13DTH]	04.05-	113722	14 90				
		04.05-	114451	14 105				
Astra MK V 1.4	[Z14XEL]	04.04- 12.05	111824	14 70	04.04- 12.05	111123	12 0.9	
		02.05-	114451	14 105				
	[Z14XEP]	03.04-	111824	14 70	08.04-	111123	12 0.9	
Astra MK V 1.4 16V	[Z14XEP]	03.05-	114451	14 105				
Astra Mk V 1.6	[A16XER]	10.06-	114431	14 120	10.06-	114298	12 1.1	
		[Z16XEP]	03.04-	114431	14 120	03.04-	113276	12 1.1
	[Z16XER]	10.06-	114431	14 120	10.06-	114298	12 1.1	
Astra Mk V 1.6 CC	[Z16XER]	10.06-	114431	14 120	10.06-	114298	12 1.1	
Astra MK V 1.6 16V	[Z16XER]	12.06-	114431	14 120	12.06-	114298	12 1.1	
		12.06-	114668	14 100				
Astra MK V 1.7 CDTi	[A17DTF]				06.11-	112320	12 1.4	
	[A17DTJ]	02.07-	114665	14 100				
	[A17DTR]	02.07-	114512	14 140	02.07-	112320	12 1.4	
		02.07-	114665	14 100				
	[A17DTS]				06.11-	112320	12 1.4	
	[Z17DTH]	03.04- 11.10	113956	14 100 A47	03.04-	112320	12 1.4	
		03.04- 03.07	114121	14 110				
		AC 08.04- 03.07	114121	14 110				
	[Z17DTL]	03.04- 05.09	113956	14 100 A47	03.04- 05.09	112320	12 1.4	
	03.04- 05.09	114121	14 110					
[Z17DTR]	02.07-	114512	14 140	02.07-	112320	12 1.4		
	02.07-	114665	14 100					
Astra MK V 1.7 CDTi 16V Sport Hatch	[A17DTR]				02.07-	112320	12 1.4	
Astra MK V 1.7 CDTi Sports Tourer	[A17DTF]				06.11-	112320	12 1.4	
					06.11-	112320	12 1.4	
Astra MK V 1.7 TD		09.08-	114665	14 100				
Astra MK V 1.8	[A18XER]	01.08-	114431	14 120	01.08-	114298	12 1.1	
	[Z18XE]	03.04-	111990	14 70	03.04-	113276	12 1.1	
		02.05- 11.10	112416	14 100				
	[Z18XER]	03.07-	114431	14 120	03.07-	114298	12 1.1	
Astra Mk V 1.8 CC	[Z18XER]	04.06-	114431	14 120	04.06-	114298	12 1.1	
Astra MK V 1.9 CDTi	[Z19DT]	02.05-	113904	14 130	02.05-	113931	12 1.7	
		02.05-	113955	14 105 A47				
		02.05-	114088	14 140				
		02.05-	114204	14 120				
		02.05- 11.10	114801	14 105 A46				
		02.05- 11.10	115487	14 140 A49				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



VAUXHALL Continued

Application list

	[Z19DTH]	06.04-	113904	14 130		06.04-	113931	12 1.7
		06.04-	113955	14 105 A47		08.04-	114058	12 1.7
		06.04-	114088	14 140				
		06.04-	114204	14 120				
		06.04- 11.10	114801	14 105 A46				
		06.04- 11.10	115487	14 140 A49				
	[Z19DTJ]	09.05-	113904	14 130		09.05-	113931	12 1.7
		09.05-	113955	14 105 A47				
		09.05-	114088	14 140				
		09.05-	114204	14 120				
		09.05-	114510	14 120				
		09.05-	114801	14 105 A46				
		09.05-	115487	14 140 A49				
	[Z19DTL]	08.05-	113904	14 130		08.05-	113931	12 1.7
		08.05-	113955	14 105 A47				
		08.05-	114088	14 140				
		08.05-	114204	14 120				
		08.05-	114801	14 105 A46				
		08.05-	115487	14 140 A49				
Astra MK V 1.9 CDTi 16V	[Z19DTJ]	04.04-	113904	14 130		04.04-	114058	12 1.7
		04.04-	113955	14 105 A47				
		04.04-	114088	14 140				
		04.04-	114204	14 120				
		04.04-	114801	14 105 A46				
		04.04-	115487	14 140 A49				
Astra MK V 2.0 VXRacing Edition	[Z20LEH]					02.09- 11.10	111848	12 1.0
Astra MK V 2.0 Turbo	[Z20LEL]					03.04-	111848	12 1.0
	[Z20LER]					03.04-	111848	12 1.0
Astra MK V 2.0 CDTi	[A20DTH]	08.11-	114202	14 100				
Astra MK V 2.0 CDTi Sports Tourer	[A20DTH]	08.11-	114202	14 100				
Astra MK VI 1.3 CDTi 16V	[A13DTE]					12.09-	114029	12 1.8
Astra MK VI 1.6	[A16LET]					10.11-	114298	12 1.1
Astra MK VI 1.6 16V	[A16XER]					10.10-	114298	12 1.1
Astra MK VI 1.6 16V Turbo	[A16LET]					12.09-	114298	12 1.1
Astra MK VI 1.6 16V VVT	[A16XER]	12.09-	115410*	14 100		12.09-	114298	12 1.1
Astra MK VI 1.7 CDTi	[A17DTC]					06.12-	112320	12 1.4
	[A17DTE]					06.12-	112320	12 1.4
	[A17DTJ]					06.12-	112320	12 1.4
	[A17DTR]					12.09-	112320	12 1.4
Astra MK VI 1.7 CDTi 16V	[A17DTJ]					10.10-	112320	12 1.4
	[A17DTR]					10.10-	112320	12 1.4
Astra MK VI 2.0 BiTurbo CDTi	[A20DTR]	12.12-	114202	14 100		12.12-	113931	12 1.7
Astra MK VI 2.0 CDTi	[A20DTH]	10.11-	114202	14 100		12.09-	113931	12 1.7
Astra MK VI 2.0 CDTi 16V	[A20DTH]					10.10-	114058	12 1.7
Astravan 1.3 CDTi	[Z13DTH]	08.05-	113722	14 90				
		08.05-	114451	14 105				
Astravan 1.9 CDTi	[Z19DTH]	03.05-	113904	14 130				
		03.05-	113955	14 105 A47				
		03.05-	114088	14 140				
		03.05- 11.11	114801	14 105 A46				
		03.05- 11.11	115487	14 140 A49				
	[Z19DTJ]	03.05-	113904	14 130				
		03.05-	113955	14 105 A47				
		03.05-	114088	14 140				
		03.05- 11.11	114801	14 105 A46				
		03.05- 11.11	115487	14 140 A49				
Astravan III 1.4 i	[C14NZ]	01.91- 10.94	111166	14 70		09.90- 02.98	111055	12 0.7
		01.91- 10.94	113376	14 55		09.91- 02.98	111127	12 1.4
		PS 01.91- 08.92	111170	14 65				
		PS 01.91- 10.94	112229	14 70				
Astravan III 1.6 i	[C16NZ]	01.91- 08.95	111166	14 70		09.91- 02.98	111127	12 1.4
		09.95- 08.98	111891#	14 70		09.91- 02.98	111055	12 0.7
		PS 01.91- 08.92	111170	14 65				
		PS 09.95- 08.98	112229	14 70				
	[X16SZ]	02.94- 08.95	112775	14 70		07.94- 02.98	111055	12 0.7
		09.95- 10.96	111891#	14 70				
		PS 02.94- 10.96	112229	14 70				
Astravan III 1.7 Diesel	[17DR]	01.91- 08.94	111515	14 70		01.91- 08.94	110839	12 1.7
		01.91- 08.94	112056	14 70				
Astravan III 1.7 TD	[X17DTL]	01.94- 08.98	111515	14 70		01.94- 08.98	110839	12 1.7
		01.94- 08.98	112056	14 70				
Astravan MK IV 1.6 i	[X16SZR]	08.98-	111990	14 70		08.98- 09.00	111123	12 0.9
		08.98-	112416	14 100				
	[Z16SE]	09.00-	111990	14 70		09.00-	111123	12 0.9
		09.00-	112416	14 100				
Astravan MK IV 1.7 CDTi	[Z17DTL]	04.04-	112271	14 100		04.04-	112320	12 1.4
		04.04-	113956	14 100 A47				
		AC 04.04-	114121	14 110				
Astravan MK IV 2.0 Diesel Di	[X20DTL]	08.98-	111514	14 100		08.98-	113674	12 2.0
Astravan MK IV 2.0 DTi	[Y20DTH]	04.04-	111514	14 100	Eng. 17883781-	04.04-	113674	12 2.0
Astravan Mk V 1.6	[Z16XEP]	03.05-	114431	14 120				
Astravan Mk V 1.7 CDTi	[A17DTJ]	11.11-	114512	14 140		11.11-	112320	12 1.4
		11.11-	114665	14 100				
	[A17DTR]	11.11-	114512	14 140		11.11-	112320	12 1.4
		11.11-	114665	14 100				
	[Z17DTJ]	11.11-	114512	14 140		11.11-	112320	12 1.4
		11.11-	114665	14 100				
	[Z17DTL]	03.05- 07.06	113956	14 100 A47				
		AC 03.05- 07.06	114121	14 110				



	[Z17DTR]	11.11- 11.11-	114512 114665	14 140 14 100		11.11-	112320	12 1.4
Astravan Mk V 1.7 CDTi 16V	[Z17DTH]	03.05- 03.05-	113956 114121	14 100 A47 14 110		03.05-	112320	12 1.4
Belmont 1.3	[13S]	09.85- 08.88 09.85- 12.88 09.88- 08.91	111656 113376 111166	14 45 14 55 14 70		09.85- 08.91	111055	12 0.7
Belmont 1.4 i	[C14NZ]	01.90- 12.91	113376	14 55		09.90- 12.91	111055	12 0.7
Belmont 1.5 DT	[15DT]					01.87- 08.89	111136	12 1.4
Belmont 1.6	[16SH]	09.85- 08.91 09.85- 08.91 09.85- 08.91	110914# 111168 113376	14 45 14 55 14 55		01.88- 09.93 01.88- 09.93 09.85- 01.88	111127 111123 111056#	12 1.4 12 0.9 12 0.8
Belmont 1.6 S	[16SH]					01.89- 12.91	111055	12 0.7
Belmont 1.6 Diesel	[16DA]	09.85- 08.91	110972	14 65		09.85-	110839	12 1.7
Belmont 1.7 Diesel	[17D]	12.82- 08.88	110914#	14 45		01.89- 01.91	110839	12 1.7
Belmont 1.8	[18SE]					AT 09.86- 09.93	111056#	12 0.8
Belmont 1.8 i	[18E]	09.85- 08.86 09.85- 08.86 09.85- 08.86	110914# 111168 111800	14 45 14 55 14 65		09.85- 08.86	111056#	12 0.8
	[18SE]	09.86- 08.91 09.86- 08.91 09.86- 08.91	110914# 111168 111800	14 45 14 55 14 65		09.86- 01.88 01.88- 08.91	111056# 111122	12 0.8 12 1.0
Brava 2.5 Diesel	[4JA1]	08.91- 06.94	111267	14 50		08.91- 06.94	112083	12 2.8
Brava 2.5 Diesel 4x4	[4JA1T]	06.90- 12.96 06.90- 12.96	111267 111767	14 50 14 80		06.90- 12.96	112083	12 2.8
Brava 2.5 TD	[4JA1T]	07.94- 03.98 03.97- 08.02	111267 111767	14 50 14 80		07.94- 08.02	112083	12 2.8
Brava 2.5 TD 4x4	[4JA1T]	12.96- 03.98 03.97- 08.02	111267 111767	14 50 14 80		07.94- 08.02	112083	12 2.8
Calibra A 2.0 i	[C20NE]	03.90- 03.97	111169	14 70	Eng. -14608700	10.95- 03.97	111122	12 1.0 DR
Calibra A 2.0 i 16V	[C20XE]					06.90- 12.94	110847	12 1.4
Calibra A 2.0 i 16V 4x4	[C20XE]					06.90- 02.94	110847	12 1.4
Calibra A 2.0 i 4x4	[C20NE]	06.90- 03.97	111169	14 70		06.90- 12.94	110847	12 1.4
Calibra A 2.0 i Turbo 4x4	[C20LET]	03.92- 07.97	111514	14 100				
Calibra A 2.5 i V6	[C25XE] [X25XE]	02.93- 11.95 04.93- 07.97	111514 111514	14 100 14 100				
Carlton 1.8	[18NV]	09.86- 12.89 09.86- 12.89 09.86- 12.89	111168 111169 111800	14 55 14 70 14 65	Chas. -K1000098	09.86- 12.89	111122	12 1.0 DR
	[E18NVR]	09.88- 08.95	111169	14 70				
Carlton 1.8 i	[18SEH]					01.86-	110847	12 1.4
Carlton 1.8 S	[18S]	12.82- 08.88 12.82- 08.86 12.82- 08.86	110914# 110972 111168	14 45 14 65 14 55		10.80- 12.82 12.82- 08.86	110341# 111056#	12 0.8 12 0.8
	[18SV]	09.86- 10.94 09.86- 08.95 09.86- 10.94	111168 111169 111800	14 55 14 70 14 65	Chas. -K1000098	09.86- 10.94	111122	12 1.0 DR
Carlton 2.0	[C20NE]	09.86- 10.94 09.86- 10.94 09.86- 10.94	111168 111169 111800	14 55 14 70 14 65		09.86- 10.94	111122	12 1.0 DR
	[C20NEF]	06.89- 03.94 06.89- 03.94 06.89- 03.94	111168 111169 111800	14 55 14 70 14 65	Chas. -K1000098	06.89- 03.94	111122	12 1.0 DR
	[C20NEJ]	09.88- 03.94 06.89- 03.94 06.89- 03.94	111169 111168 111800	14 70 14 55 14 65	Chas. -K1000098	06.89- 03.94	111122	12 1.0 DR
Carlton 2.0 i	[20E] [20SE]	01.83- 12.84 09.86- 08.88	111168 110914#	14 55 14 45		01.83- 12.84 09.86- 03.94 09.86- 10.94	110341# 111122 110847	12 0.8 12 1.0 DR 12 1.4
	[C20NEJ]	09.86- 08.88 06.89- 03.94 06.89- 03.94 06.89- 03.94	110914# 111168 111169 111800	14 45 14 55 14 70 14 65	Chas. -K1000098	06.89- 03.94	111122	12 1.0 DR
Carlton 2.0 S	[C20NEJ]	10.78- 08.86	111178	14 70		10.78- 08.86	110341#	12 0.8
Carlton 2.2 i	[22E]	11.84- 08.86	113376	14 55		11.84- 08.86	110341#	12 0.8
Carlton 2.3 Diesel	[23D] [23YD]	01.82- 08.86 09.86- 03.94 09.86- 03.94	113376 111164 113376	14 55 14 70 14 55		09.86- 03.94	110844	12 2.2
Carlton 2.3 TD	[23YDT]	09.86- 08.88	111164	14 70		09.86- 08.88	110844	12 2.2
Carlton 2.3 TD Intercooler	[23DTR]					09.88- 10.94	110844	12 2.2
Carlton 2.4 i	[C24NE]	09.86- 10.94 Chas. K1000099- 09.86- 10.94	111178 111178	14 70 14 70				
Carlton MK 1.8 S	[18S]	11.82- 08.86 11.82- 08.86 11.82- 08.86	110914# 110972 111168	14 45 14 65 14 55		12.82- 08.86	111056#	12 0.8
Carlton Mk II 1.9						12.82-	110341#	12 0.8
Cascada 1.4	[A14NEL] [A14NET]					02.13- 02.13-	115395 115395	12 1.1 12 1.1
Cascada 2.0 CDTi	[A20DTH] [A20DTR]					02.13- 02.13-	113931 113931	12 1.7 12 1.7
Cavalier 1.3	[13N]	09.81- 08.88 09.81- 08.88 11.88- 08.95	111656 113376 111169	14 45 14 55 14 70		08.77- 08.81 09.81- 08.88	110341# 111055	12 0.8 12 0.7
Cavalier 1.3 S	[13S]	09.81- 08.88 09.81- 08.88	111656 113376	14 45 14 55		09.81- 08.88	111055	12 0.7
Cavalier 1.4 S	[14NV]	09.88- 08.95 09.88- 11.95	111166 113376	14 70 14 55		09.88- 12.93 09.88- 11.95	111055 111123	12 0.7 12 0.9
						09.88- 11.95	111684	12 1.4

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

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Cavalier 1.6	[16SH]	10.83- 08.88	110914#	14 45	10.83- 08.88	111056#	12 0.8	
		10.83- 08.88	111168	14 55				
	[16SV]	09.88- 08.95	111166	14 70	09.88- 05.93	111127	12 1.4	
		09.88- 05.93	113376	14 55	09.88- 11.95	111684	12 1.4	
		PS 09.88- 05.93	111170	14 65	09.88- 05.93	111123	12 0.9	
Cavalier 1.6 1600	[16S]	09.75- 08.81	111178	14 70	09.75- 08.81	110341#	12 0.8	
Cavalier 1.6 i	[C16LZ]	08.86- 08.88	110914#	14 45	08.86- 08.88	111056#	12 0.8	
		08.86- 08.88	111168	14 55				
	[C16NZ]	08.86- 08.88	110914#	14 45	08.86- 08.88	111056#	12 0.8	
		08.86- 08.88	111168	14 55				
	[E16NZ]	09.88- 11.95	111166	14 70	Eng. 082382-, 085881	09.87- 12.91	111127	12 1.4
		09.88- 11.95	112229	14 70		09.87- 12.91	111055	12 0.7
		09.88- 11.95	113376	14 55				
		PS 09.88- 11.95	111170	14 65				
		PS 09.88- 11.95	112229	14 70				
		Chas. S1000001- 09.88- 11.95	111891#	14 70				
	[X16SZ]	09.93- 11.95	113376	14 55	09.94- 11.95	111123	12 0.9	
		09.94- 11.95	111166	14 70				
		PS 09.94- 11.95	112229	14 70				
		Chas. S1000001- 09.94- 11.95	111891#	14 70				
		Chas. -R7999999 09.94- 11.95	112775	14 70				
Cavalier 1.6 N	[16N]				08.75- 08.81	110341#	12 0.8	
					09.81- 08.88	111056#	12 0.8	
Cavalier 1.6 S	[16S]	08.75- 08.81	111178	14 70	08.75- 08.81	110341#	12 0.8	
	[16SH]	09.81- 08.88	110914#	14 45	09.81- 08.88	111056#	12 0.8	
		09.81- 08.88	111168	14 55				
Cavalier 1.6 Diesel	[16D]	03.82- 08.88	110972	14 65	03.82- 08.88	110839	12 1.7	
	[16DA]	03.82- 08.88	110972	14 65	03.82- 08.88	110839	12 1.7	
Cavalier 1.6 Diesel 1600	[16D]	03.82- 08.88	110972	14 65	03.82- 08.88	110839	12 1.7	
	[16DA]	03.82- 08.88	110972	14 65	03.82- 08.88	110839	12 1.7	
Cavalier 1.7 Diesel	[17D]	09.88- 09.92	112056	14 70	09.88- 09.92	110839	12 1.7	
		11.88- 08.95	111168	14 55				
	[17DR]	07.92- 11.95	112056	14 70	07.92- 11.95	110839	12 1.7	
Cavalier 1.7 TD	[17DT (TC4EE1)]	09.88- 11.95	111186	14 70	09.88- 11.95	111274	12 1.2	
Cavalier 1.8	[18SV]	09.88- 08.95	111169	14 70	09.88- 12.94	111122	12 1.0	
					09.88- 12.94	110847	12 1.4 BO	
	[C18NZ]	09.88- 08.95	111169	14 70	09.88- 12.94	110847	12 1.4	
				09.88- 12.94	111122	12 1.0 DR		
	[E18NV]	08.86- 08.88	111168	14 55	08.86- 08.88	111056#	12 0.8	
Cavalier 1.8 i	[18E]	09.81- 08.86	110914#	14 45	09.81- 08.88	111056#	12 0.8	
		09.81- 08.88	111168	14 55				
	[18SE]	09.81- 08.88	111168	14 55	09.86- 08.88	111056#	12 0.8	
	[C18NZ]	03.90- 11.95	111169	14 70	03.90- 12.94	110847	12 1.4	
		03.90- 11.95	111514	14 100				
Cavalier 1.8 i 1800	[18SE]				03.85- 10.88	111056#	12 0.8	
Cavalier 1.9 S	[19S]	10.75- 03.78	111178	14 70	10.75- 03.78	110341#	12 0.8	
Cavalier 2.0		11.88- 08.95	111169	14 70				
Cavalier 2.0 2000	[20S]	08.77- 08.81	111178	14 70	08.77- 08.81	110341#	12 0.8	
Cavalier 2.0 i	[20NE]	09.86- 08.88	112056	14 70	09.88- 10.92	110847	12 1.4	
		09.88- 08.95	111169	14 70				
		09.88- 10.90	111514	14 100				
	[20SEH]	03.87- 08.88	112056	14 70	03.87- 09.92	110847	12 1.4	
		09.88- 09.92	111169	14 70				
	[C20NE]	09.86- 08.88	112056	14 70	09.86- 12.94	110847	12 1.4	
	09.88- 11.95	111169	14 70					
		09.90- 11.95	111514	14 100				
Cavalier 2.0 i 16V	[C20XE]	09.88- 11.95	112056	14 70	09.88- 11.95	110847	12 1.4	
					09.88- 11.95	111122	12 1.0	
	[X20XE]	09.93- 11.95	111426	14 100	09.93- 11.95	111848	12 1.0	
		09.93- 11.95	111732	14 120				
		PS 09.93- 11.95	112229	14 70				
Cavalier 2.0 i 16V 4x4	[C20XE]				09.88- 11.95	110847	12 1.4	
					09.88- 11.95	111122	12 1.0	
Cavalier 2.0 i 2000	[20SE]	09.86- 08.88	112056	14 70	09.86- 08.88	110847	12 1.4	
Cavalier 2.0 i 4x4	[20NE]	09.88- 08.95	111426	14 100	Eng. -14608700 09.88- 08.95	111122	12 1.0 DR	
		09.88- 08.95	111732	14 120				
		PS 09.88- 08.95	112229	14 70				
		Chas. -MV206209, -M1175514, - 08.88- 08.95	111169	14 70				
		M5247753						
	[20SEH]	09.88- 09.92	111169	14 70	09.88- 09.92	110847	12 1.4	
					09.88- 09.92	111122	12 1.0	
Cavalier 2.0 S	[20S]	01.78- 08.81	111178	14 70	01.78- 08.81	110341#	12 0.8	
Cavalier 2.5 V6	[C25XE]	02.93- 11.95	111514	14 100				
Cavalier MK 2.0 i 16V 4x4	[C20XE]				01.92- 11.93	110847	12 1.4	
					01.92- 11.93	111122	12 1.0	
Cavalier MK 2.0 i Turbo 4x4	[C20LET]	09.92- 08.95	111426	14 100	Eng. -14005933 09.92- 08.95	111122	12 1.0 DR	
		09.92- 08.95	111732	14 120				
		PS 09.92- 08.95	112229	14 70				
Cavalier Mk II 2.0		11.88- 08.95	111169	14 70				
Chevette 1.3	[13N]	01.75- 01.80	110178	14 36	03.75- 12.85	111102	12 0.8	
		03.75- 12.85	110077	14 50				
		03.75- 12.85	111185	14 43 A47				
	[13S]	03.75- 12.85	110077	14 50	03.75- 12.85	111102	12 0.8	
		03.75- 01.80	110178	14 36				
		03.75- 12.85	111185	14 43 A47				
Combo 1.2	[C12NZ]	07.94-	111166	14 70	07.94- 08.97	111123	12 0.9	
		07.94-	111891#	14 70	07.94- 10.01	111684	12 1.4	
		07.94- 10.01	112689	14 55				
		07.94- 10.01	113376	14 55				
		ACPS 07.94-	112229	14 70				



	[X12SZ]	07.84- 10.01	113376	14 55		07.94- 08.97	111123	12 0.9
		07.94-	111166	14 70		07.94- 10.01	111684	12 1.4
		07.94-	111891#	14 70				
		07.94-	112689	14 55				
		ACPS 07.94-	112229	14 70				
Combo 1.3 CDTi 16V	[Z13DT]	09.04-	113720	14 75		09.04-	113843	12 1.1
		09.04-	113722	14 90				
	[Z13DTJ]	10.05-	113722	14 90		10.05-	114029	12 1.8
		10.05-	114451	14 105				
Combo 1.4	[C14NZ]	07.94- 03.96	112689	14 55		07.94- 08.97	111123	12 0.9
		07.94- 03.96	113376	14 55				
		AT 07.94- 03.96	111166	14 70				
		AT 07.94- 03.96	111891#	14 70				
		ACPS 07.94- 03.96	111426	14 100				
		ACPS 07.94- 03.96	112229	14 70				
	[C14SE]	07.94- 10.01	111426	14 100		07.94- 10.01	111684	12 1.4
		07.94-	112689	14 55		07.94- 08.97	111123	12 0.9
		07.94- 10.01	113376	14 55				
		PS 07.94-	112229	14 70				
	Chas. -R3999999, -R4999999, -	07.94- 10.01	112805	14 55				
	S6000012							
		AC 07.94-	111732	14 120				
		AC 07.94-	112229	14 70				
	[Z14XEP]					01.04-	111123	12 0.9
Combo 1.6	[Z16SE]	10.01-	111990	14 70		10.01-	111123	12 0.9
		10.01-	112416	14 100		10.01-	111684	12 1.4
Combo 1.6 16V CNG	[Z16YNG]	04.05-	112416	14 100		04.05-	113276	12 1.1
						04.05-	111123	12 0.9
Combo 1.7 CDTi 16V	[Z17DTH]	12.04-	113941	14 100				
		AC 12.04-	114121	14 110				
Combo 1.7 Diesel	[17D (4EE1)]	07.94-	111186	14 70	Eng. -00877695	07.94-	111136	12 1.4
		04.96-	111515	14 70	Eng. 877696-	07.94-	111534	12 1.4
	[X17D (4EE1)]	04.96-	111186	14 70	Eng. 877696-	04.96-	111534	12 1.4
		04.96-	111515	14 70	Eng. -00877695	04.96-	111136	12 1.4
Combo 1.7 Diesel 16V	[Y17DTL]					09.01-	112320	12 1.4
Combo 1.7 DTi	[Y17DT]	10.01-	112272	14 70		10.01-	112320	12 1.4
		AC 10.01-	112271	14 100				
Combo Mk II 1.4 16V	[Z14XE]	10.01- 05.07	111824	14 70		10.01- 05.07	114298	12 1.1
		10.01- 05.07	114451	14 105		10.01- 05.07	113276	12 1.1
Combo Tour Mk II 1.3 CDTi 16V	[Z13DT, Y13DT]	09.04- 09.06	113720	14 75		09.04- 09.06	114029	12 1.8
		09.04- 09.06	114451	14 105		09.04- 09.06	113843	12 1.1
	[Z13DTJ]	10.05- 09.10	113720	14 75		10.05- 09.10	114029	12 1.8
		10.05- 09.10	113722	14 90				
		10.05- 09.10	114451	14 105				
Combo Tour Mk II 1.4	[Z14XEP]	10.04- 09.10	111824	14 70		10.04- 09.10	111123	12 0.9
Combo Tour Mk II 1.6	[Z16SE]	10.01- 06.04	111990	14 70		10.01- 06.04	111123	12 0.9
		10.01- 06.04	112416	14 100				
Combo Tour Mk II 1.6 CNG	[Z16YNG]	04.05- 02.12	112416	14 100		04.05- 02.12	113276	12 1.1
Combo Tour Mk II 1.6 CNG	[Z16YNG]	06.06- 09.10	112416	14 100		06.06- 09.10	113276	12 1.1
Combo Tour Mk II 1.7 16V	[Y17DT]					10.01- 02.12	112320	12 1.4
Combo Tour Mk II 1.7 CDTi 16V	[Z17DTH]	12.04- 09.10	113941	14 100		12.04- 09.10	112320	12 1.4
		12.04- 09.10	114121	14 110				
Combo Tour Mk II 1.7 DI 16V	[Y17DTL]	09.01- 06.04	112272	14 70		09.01- 06.04	112320	12 1.4
Corsa B 1.0 i 12V	[X10XE]	11.96-	111824	14 70		11.96- 09.00	111123	12 0.9
Corsa B 1.2 i	[C12NZ]	03.93-	111166	14 70		03.93- 08.97	111123	12 0.9
		03.93-	111891#	14 70		09.94- 08.00	113276	12 1.1
		03.93-	112689	14 55		09.94- 08.00	111684	12 1.4
		03.93- 09.00	113376	14 55				
		ACPS 03.93-	112229	14 70				
	[X12SZ]	03.93-	111166	14 70		03.93- 08.97	111123	12 0.9
		03.93-	111891#	14 70		04.94- 08.00	113276	12 1.1
		03.93-	112689	14 55				
		03.93- 09.00	113376	14 55				
		ACPS 03.93-	112229	14 70				
Corsa B 1.2 i 16V	[X12XE]	03.98- 09.00	111824	14 70		03.98- 09.00	111123	12 0.9
Corsa B 1.4 i	[C14NZ]	03.93-	111426	14 100		03.93- 09.00	111123	12 0.9
		03.93-	112229	14 70		09.94- 08.00	111684	12 1.4
		03.93-	112689	14 55				
		03.93- 09.00	113376	14 55				
		PS 03.93-	112229	14 70				
		AT 03.93-	111891#	14 70				
		AC 03.93-	111426	14 100				
	[C14SE]	03.93- 09.00	113376	14 55		03.93- 09.00	111123	12 0.9
		04.94- 08.00	111426	14 100				
	[X14SZ]	03.93- 09.00	113376	14 55		03.93- 09.00	111123	12 0.9
						09.94- 08.00	111684	12 1.4
Corsa B 1.4 i 16V	[X14XE]	09.94-	111426	14 100		09.94- 09.00	111123	12 0.9
		09.94-	112229	14 70				
Corsa B 1.5 Diesel	[15D]	03.93-	111186	14 70	Eng. -00877695	03.93-	111136	12 1.4
		03.93- 09.00	111515	14 70	Eng. 877696-	03.93-	111534	12 1.4
Corsa B 1.5 TD	[15DT (T4EC1)]	03.93-	111186	14 70		03.93-	111534	12 1.4
		09.96-	111515	14 70		03.93-	111136	12 1.4
	[X15DT (T4EC1)]	04.96-	111186	14 70		04.96-	111534	12 1.4
		04.96-	111515	14 70		04.96-	111136	12 1.4
Corsa B 1.6 GSi 16V	[C16XE]	03.93-	111426	14 100		03.93-	111123	12 0.9
		03.93-	112229	14 70		09.94- 08.00	111684	12 1.4
Corsa B 1.6 i 16V	[X16XE]	09.94-	111426	14 100		09.94- 09.00	111123	12 0.9
		09.94-	112229	14 70				
Corsa B 1.7 Diesel	[17D]	03.93-	111186	14 70	Eng. -00877695	03.93-	111136	12 1.4
		02.96-	111515	14 70	Eng. 877696-	03.93-	111534	12 1.4

## STARTERS & ALTERNATORS

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	[X17D]	04.96- 04.96-	111186 111515	14 70 14 70	Eng. -00877695 Eng. 877696-	04.96- 04.96-	111136 111534	12 1.4 12 1.4
Corsa MK II 1.4 16V	[C14SEL]	08.97- 09.00 08.97- 09.00	111426 112229	14 100 14 70		08.97- 09.00	111123	12 0.9
Corsa MK II 1.6 16V	[C16SEL]	08.97- 09.00 08.97- 09.00	111426 112229	14 100 14 70		08.97- 09.00	111123	12 0.9
CORSA Mk III 1.0 12V	[Z10XE]	09.00- 02.01	111824	14 70	Chas. 19P00894- Chas. -19P00893	09.00- 08.03 09.00- 08.03	113276 111123	12 1.1 12 0.9
Corsa Mk III 1.2	[A12XEL]	06.10-	114492	14 100		06.10-	115395	12 1.1
Corsa MK III 1.2 Twinport	[Z12XEP]					07.04-	111123	12 0.9
CORSA Mk III 1.2 16V	[A12XER] [Z12XE]					06.10-	111123	12 0.9
		09.00- 02.01	111824	14 70		09.00- 09.00-	111123 111684	12 0.9 12 1.4
		Chas. -16999999	09.00- 02.01	111824	14 70	09.00-	113276	12 1.1
Corsa MK III 1.2 BiFuel LPG	[A12XER]	08.11-	114492	14 100		06.11-	115395	12 1.1
Corsa MK III 1.2 BiFuel LPG	[Z12XEP]	09.09-	114492	14 100		09.09-	111123	12 0.9
Corsa MK III 1.2 Dualfuel 16V	[Z12XE]					08.01- 08.04	111123	12 0.9
		Chas. -16999999	08.01- 08.04	111824	14 70	08.01- 08.04	113276	12 1.1
Corsa MK III 1.3 CDTi	[Z13DTH] [Z13DTJ]	07.06- 07.06-	114409 114754	14 100 14 120				
		07.06-	114409	14 100		07.06-	113843	12 1.1
		07.06-	114754	14 120				
Corsa MK III 1.3 CDTi 16V	[Z13DT]	08.03- 04.04- 04.04- 04.04-	114451 112416 113720 113722	14 105 14 100 14 75 14 90		04.04- 04.04-	113719 113843	12 1.3 12 1.1
		07.10-	114409	14 100				
		09.05- 09.06 09.05- 09.06	113720 113722	14 75 14 90		09.05- 09.06 09.05- 09.06	114029 113843	12 1.8 12 1.1
Corsa MK III 1.4	[A14NEL]					07.12-	115395	12 1.1
Corsa MK III 1.4 Twinport	[Z14XEP]	06.03-	111824	14 70				
Corsa MK III 1.4 16V	[Z14XE]	09.00- 08.03	111990	14 70		09.00- 09.00- 09.00-	111123 111684 113276	12 0.9 12 1.4 12 1.1
Corsa MK III 1.4 BiFuel LPG	[Z14XEP]	07.06-	114492	14 100		07.06-	111123	12 0.9
Corsa MK III 1.6	[Z16LEL] [Z16SE]					05.07-	114298	12 1.1
		08.01- 10.04 08.01- 10.04	111990 112416	14 70 14 100		08.01- 10.04	111123	12 0.9
Corsa MK III 1.6 Turbo	[Z16LER]					02.07-	114298	12 1.1
Corsa MK III 1.7 CDTi	[A17DTR]	07.06-	114665	14 100				
Corsa MK III 1.7 CDTi 16V	[A17DTS] [Z17DTH]	07.10- 04.04- 04.04-	114665 112272 113941	14 100 14 70 14 100		07.10- 04.04-	112320 112320	12 1.4 12 1.4
Corsa MK III 1.7 DT 16V	[Y17DTL]	09.00- AC 09.00-	112272 112271	14 70 14 100		09.00-	112320	12 1.4
Corsa MK III 1.7 DTi 16V	[Y17DT]	09.00- 09.00-	112271 112272	14 100 14 70		09.00- 08.03	112320	12 1.4
Corsa MK III 1.8 16V	[Z18XE]	09.00-	111990	14 70		09.01-	113276	12 1.1
Corsa MK IV 1.6 VXR	[A16LES]					06.11-	114298	12 1.1
Corsavan 1.4 i	[C14NZ]	01.94- 01.94- 01.94- 01.94- PS 01.94- AT 01.94- AC 01.94-	111426 112229 112689 113376 112229 111891# 111426	14 100 14 70 14 55 14 55 14 70 14 70 14 100		01.94- 09.00	113276	12 1.1
Corsavan 1.7 Diesel	[17D (4EE1)]	Eng. 00975025- 03.93- Eng. -00975024 03.93-	111515 111186	14 70 14 70	Eng. -00877695 Eng. 877696-	01.94- 03.93-	111136 111534	12 1.4 12 1.4
	[X17D (4EE1)]	Eng. 00975025- 04.96- Eng. -00975024 04.96-	111515 111186	14 70 14 70	Eng. -00877695 Eng. 877696-	01.94- 04.96-	111136 111534	12 1.4 12 1.4
Corsavan Mk III 1.2 16V	[A12XEL] [Z12XE]					07.06- 09.00- 08.04	113276 113276	12 1.1 12 1.1
Corsavan MK III 1.2 Dualfuel 16V	[Z12XE]	09.00-	111824	14 70		09.00- 08.04	113276	12 1.1
Corsavan MK III 1.3 CDTi 16V	[Z13DT]	04.04- 04.04-	112416 113722	14 100 14 90		04.04- 04.04- 04.04-	113719 113843 114029	12 1.3 12 1.1 12 1.8
		07.06- 07.06-	114409 114754	14 100 14 120		07.06-	113843	12 1.1
		07.06- 07.06-	114409 114754	14 100 14 120		07.06-	113843	12 1.1
Corsavan MK III 1.7 Diesel	[Y17DTL]	09.00- AC 09.00-	112272 112271	14 70 14 100		09.00- 08.03	112320	12 1.4
Corsavan MK III 1.7 DTi 16V	[Y17DT]	09.00- AC 09.00-	112272 112271	14 70 14 100		09.00- 08.03	112320	12 1.4
Corsavan MK IV 1.2	[Z12XEP]					07.09-	111123	12 0.9
Corsavan MK IV 1.3 CDTi	[Z13DTE]	07.06- 07.06-	114409 114754	14 100 14 120		07.06-	114029	12 1.8
Firenza 1.3 1300		01.71- 10.73	110178	14 36				
Frontera A 2.0 i 4x4 Sport	[C20NE] [X20SE]	01.92- 03.92- 10.98 02.95- 10.98 02.95- 10.98	111169 111075 111426 111732	14 70 14 55 14 100 14 120		03.92- 03.92-	111122 110847	12 1.0 12 1.4
		03.92- 10.98 02.95- 08.98 AC 02.95- 08.98	111075 111426 111732	14 55 14 100 14 120		02.95- 02.95-	111122 110847	12 1.0 12 1.4
Frontera A 2.2 i 4x4 Long	[X22XE]	03.95- 03.95-	111426 111732	14 100 14 120		03.95-	111848	12 1.0
Frontera A 2.3 TD 4x4 Long	[Z3DTR]	01.92-	111164	14 70		03.92-	110844	12 2.2



Frontera A 2.4 i 4x4 Long	[C24NE]	03.92-	111178	14	70				
Frontera A 2.5 TD 4x4 Long	[25TDS]					06.96-	08.98	111724	12 2.0
Frontera A 2.5 TD 4x4 Sport	[25TDS]					06.96-	08.98	111724	12 2.0
Frontera A 2.8 TD 4x4 Long	[28TDI (4JB1T)]	03.95-	111767	14	80	03.95-		111559	12 2.0
Frontera A 2.8 TD 4x4 Sport	[28TDI (4JB1T)]	03.95-	08.96	111767	14	03.95-	08.96	111559	12 2.0
Frontera B 2.2 i	[X22SE]	02.95-	111426	14	100	02.95-		111848	12 1.0
		02.95-	111732	14	120				
		10.98-	111514	14	100				
	[Y22SE]	10.98-	111514	14	100				
Frontera B 2.2 DTi	[X22DTH]					09.98-		113674	12 2.0
	[Y22DTH]					09.98-		113674	12 2.0
Insignia 1.4 LPG	[A14NET]				07.12-		115395	12 1.1	
Insignia 1.4 Sportstourer	[A14NET]				07.12-		115395	12 1.1	
Insignia 1.6	[A16LET]					07.08-		114298	12 1.1
	[A16XER]					07.08-		114298	12 1.1
Insignia 1.6 Sports Tourer	[A16XER]				07.08-		114298	12 1.1	
Insignia 1.6 Turbo	[A16LET]				01.09-		114298	12 1.1	
Insignia 1.8	[A18XER]				07.08-		114298	12 1.1	
Insignia 1.8 Estate	[A18XER]				07.08-		114298	12 1.1	
Insignia 2.0 BiTurbo CDTi	[A20DTR]	03.12-	114202	14	100	03.12-		114058	12 1.7
						03.12-		113931	12 1.7
Insignia 2.0 BiTurbo CDTi 4x4	[A20DTR]	03.12-	114202	14	100	03.12-		114058	12 1.7
						03.12-		113931	12 1.7
Insignia 2.0 CDTi	[A20DTC]	07.08-	114202	14	100	07.08-		113931	12 1.7
						07.08-		114058	12 1.7
	[A20DTH]					07.08-		113931	12 1.7
	[A20DTJ]					07.08-		113931	12 1.7
Insignia 2.0 CDTi 16V 4x4	[A20DTR]	05.09-	114202	14	100	05.09-		114058	12 1.7
						05.09-		114058	12 1.7
Insignia 2.0 CDTi Estate	[A20DTH]					07.08-		113931	12 1.7
	[A20DTJ]					07.08-		113931	12 1.7
Insignia 2.0 CDTi Sports Tourer	[A20DTC]	07.08-	114202	14	100	AT 07.08-		113931	12 1.7
						07.08-		114058	12 1.7
	[A20DTE]					07.13-		113931	12 1.7
Magnum 1.8 1800		01.74-	10.77	110179	14	01.76-	10.77	111103	12 0.8
Meriva A 1.3 CDTi	[Z13DTJ]	09.03-	113720	14	75	09.03-		112320	12 1.4
		09.03-	114451	14	105				
Meriva A 1.4 16V Twinport	[Z14XEP]					07.04-		111123	12 0.9
Meriva A 1.6 i	[Z16SE]	05.03-	112416	14	100	03.03-		113276	12 1.1
						03.03-		111684	12 1.4
Meriva A 1.6 i 16V	[Z16XE]	03.03-	111990	14	70	03.03-		113276	12 1.1
						03.03-		111684	12 1.4
Meriva A 1.6 i 16V Twinport	[Z16XEP]	01.06-	114431	14	120				
Meriva A 1.6 Turbo	[Z16LET]	05.06-	114431	14	120	05.06-		114298	12 1.1
Meriva A 1.7 CDTi	[Z17DTR]	08.06-	114665	14	100				
Meriva A 1.7 CDTi 16V	[Z17DTH]	04.04-	112271	14	100	04.04-		112320	12 1.4
		04.04-	113941	14	100				
Meriva A 1.8 i 16V	[Z18XE]	03.03-	111990	14	70	05.03-		113276	12 1.1
Meriva MK I 1.3 CDTi	[Z13DT, Y13DT]	04.05-	06.10	113720	14	04.05-	06.10	113843	12 1.1
		04.05-	06.10	114451	14	105			
Meriva MK I 1.7 CDTi	[Y17DT]	06.03-	112271	14	100	06.03-		112320	12 1.4
Meriva MK II 1.3 CDTi 16V	[A13DTC]	06.10-	114409	14	100	06.10-		114029	12 1.8
		06.10-	114754	14	120				
Meriva MK II 1.3 CDTi 16V Ecoflex	[A13DTE]	10.10-	114409	14	100	10.10-		114029	12 1.8
		10.10-	114754	14	120				
Meriva MK II 1.4 BiFuel LPG	[A14NEL]					06.11-		115395	12 1.1
Meriva MK II 1.7 CDTi	[A17DTC]	06.10-	114665	14	100	06.10-		112320	12 1.4
Meriva MK II 1.7 CDTi 16V	[A17DT]	06.10-	114665	14	100	06.10-		112320	12 1.4
Meriva MK II 1.7 CDTi 16V Ecotec	[A17DTS]	10.10-	114665	14	100	10.10-		112320	12 1.4
Midi 2.2 Diesel	[4FD1]	01.88-	111291#	14	55				
Mokka 1.4 4x4	[A14NET]					06.12-		115395	12 1.1
Monterey A 3.1 TD 4x4	[4JG2TC]	09.91-	111267	14	50	01.95-		111559	12 2.0
		09.91-	112228	14	60				
		03.92-	111767	14	80				
Monterey B 3.0 DTi	[4JX1]					04.98-	12.99	112083	12 2.8
Movano 1.9 DTi	[F9Q774]	10.01-	113248	14	120	10.01-		112474	12 1.8
		AC 10.01-	112471	14	125				
Movano 2.0 DTi	[G9T720]	09.00-	112471	14	125	09.00-		112475	12 2.1
		09.00-	113248	14	120				
Movano 2.2 DTi	[G9T720]	09.00-	112471	14	125	09.00-		112475	12 2.1
		09.00-	113248	14	120				
Movano 2.3 CDTi FWD	[M9T690]					07.10-		114074	12 2.2
	[M9T692]					07.10-		114074	12 2.2
	[M9T694]					05.10-		114074	12 2.2
Movano 2.3 CDTi RWD	[M9T670]					07.10-		114074	12 2.2
	[M9T676]					07.10-		114074	12 2.2
	[M9T686]					07.10-		114074	12 2.2
	[M9T690]					07.10-		114074	12 2.2
	[M9T692]					07.10-		114074	12 2.2
	[M9T696]					07.10-		114074	12 2.2
	[M9T698]					07.10-		114074	12 2.2
Movano 2.5 CDTi	[G9U632]	08.06-	113837	14	150	08.06-		112475	12 2.1
	[G9U650]	08.06-	113837	14	150	08.06-		112475	12 2.1
	[G9U754]	04.04-	113837	14	150	04.04-		112475	12 2.1
Movano 2.5 Diesel	[S8U]	10.98-	111937	14	75				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**VAUXHALL** *Continued*

Movano 2.5 DTi	[G9U720]	10.01-	113245	14 125	10.01-	112475	12 2.1
		10.01-	113248	14 120			
		10.01-	113837	14 150			
	[G9U724]	10.01-	113248	14 120			
		10.01-	113837	14 150			
	[G9U750]	10.01-	113248	14 120			
		10.01-	113837	14 150			
	[G9U754]	10.01-	113248	14 120			
		10.01-	113837	14 150			
	Movano 2.8 DTi	[S9W702]	06.98- 10.01	111937	14 75		
Movano 2.8 TDi	[S9W702]	10.98- 10.01	111937	14 75	10.98- 10.01	112103	12 2.2
Movano 3.0 DTi	[ZD3200]	10.03-	113993	14 135	10.03-	114032	12 2.5
	[ZD3202]	10.03-	113993	14 135	10.03-	114032	12 2.5
Movano Mk II 2.3 CDTi					01.13-	114074	12 2.2
Movano MK II 2.3 CDTi 16V FWD	[M9T67..]				05.10-	114074	12 2.2
	[M9T69..]				05.10-	114074	12 2.2
Movano MK II 2.3 CDTi 16V RWD	[M9T67..]				05.10-	114074	12 2.2
	[M9T69..]				05.10-	114074	12 2.2
Nova 1.4 S	[14NV]	01.90- 02.93	111166	14 70	01.90- 02.93	111127	12 1.4
		01.90- 02.93	113376	14 55	01.90- 02.93	111123	12 0.9
Nova 1.5 TD	[15DT (T4EC1)]	01.90- 02.93	111187	14 70	01.90- 02.93	111274	12 1.2
		01.90- 02.93	111467#	14 70			
Nova A 1.0	[10S]	09.82- 08.88	111656	14 45	09.82- 03.93	110364	12 0.65
		09.82- 08.88	113376	14 55			
		09.88- 03.93	111166	14 70			
Nova A 1.2	[12ST]	05.83- 02.90	111656	14 45	05.83- 02.90	111055	12 0.7
		05.83- 02.90	113376	14 55			
Nova A 1.2 i	[12NC]	05.83- 03.93	111166	14 70	05.83- 03.93	111055	12 0.7
		05.83- 08.88	111656	14 45			
		05.83- 08.88	113376	14 55			
	[C12NZ]	09.89- 03.93	111166	14 70	09.90- 03.93	111123	12 0.9
	[E12GV]	01.85- 03.93	111166	14 70	09.90- 03.93	111127	12 1.4
		01.85- 08.88	111656	14 45	05.83- 03.93	111055	12 0.7
		01.85- 08.88	113376	14 55			
Nova A 1.2 N	[12NC]	01.85- 10.87	111656	14 45	01.85- 10.87	111055	12 0.7
		01.85- 10.87	113376	14 55			
	[12NV]	01.90- 03.93	111166	14 70	01.90- 03.93	111127	12 1.4
	[E12GV]	01.90- 03.93	113376	14 55	01.90- 03.93	111123	12 0.9
		05.83- 08.94	111166	14 70	05.83- 03.93	111055	12 0.7
		05.83- 08.94	111656	14 45			
		05.83- 08.94	113376	14 55			
Nova A 1.2 S	[12ST]	09.82- 02.90	111656	14 45	09.82- 02.90	111055	12 0.7
		09.82- 02.90	113376	14 55			
Nova A 1.3 i	[13NB]	09.85- 10.89	111656	14 45	09.85- 10.89	111055	12 0.7
		09.85- 10.89	113376	14 55			
	[C13N]	09.89- 03.93	111166	14 70	09.90- 03.93	111127	12 1.4
					09.90- 03.93	111123	12 0.9
Nova A 1.3 S	[13SB]	09.82- 10.89	111656	14 45	09.82- 10.89	111055	12 0.7
		09.82- 10.89	113376	14 55			
Nova A 1.4 i	[C14NZ]	01.89- 03.93	113376	14 55	01.90- 03.93	111123	12 0.9
		01.90- 03.93	111166	14 70	01.90- 03.93	111127	12 1.4
Nova A 1.4 S	[14NV]	01.90- 03.93	111166	14 70	01.90- 03.93	111127	12 1.4
					09.89-	111055	12 0.7
					01.90- 03.93	111123	12 0.9
Nova A 1.5 Diesel	[15D]	08.89- 03.93	111187	14 70	09.87- 03.93	111136	12 1.4
		01.90- 03.93	111467#	14 70			
Nova A 1.5 TD	[15DT (T4EC1)]	08.89- 03.93	111187	14 70	01.90- 03.93	111274	12 1.2
		01.90- 03.93	111467#	14 70			
Nova A 1.6 GSi	[C16SE]	02.92- 03.93	111166	14 70			
		02.92- 03.93	113376	14 55			
	[C16SEI]	09.89- 03.93	111166	14 70	09.89- 03.93	111127	12 1.4
	[E16SE]	05.88- 08.88	113376	14 55	09.89- 03.93	111123	12 0.9
		09.88- 03.92	111166	14 70	05.88- 03.92	111123	12 0.9
					05.88- 03.92	111127	12 1.4
					01.90- 10.94	111127	12 1.4
					01.90- 10.94	111123	12 0.9
Novavan 1.2	[12NV]	01.90- 10.94	111166	14 70			
Novavan 1.5 Diesel	[15D (4EC1)]	01.91- 10.94	111187	14 70	01.91- 10.94	111136	12 1.4
		01.91- 10.94	111467#	14 70			
Omega 2.0	[X20SE]	03.94- 09.99	111514	14 100			
		04.94- 12.00	112229	14 70			
		Chas. -Y1999999 04.94- 12.00	111426	14 100			
		Chas. -Y1999999 04.94- 12.00	111732	14 120			
Omega 2.0 16V	[X20XEV]	09.93- 08.99	112229	14 70	09.93- 08.99	111848	12 1.0
		03.94- 09.99	111514	14 100			
		Chas. -Y1999999 09.93- 08.99	111426	14 100			
		Chas. -Y1999999 09.93- 08.99	111732	14 120			
Omega 2.0 i	[20SE]	03.94- 12.00	111426	14 100			
		03.94- 12.00	111514	14 100			
		03.94- 12.00	111732	14 120			
		03.94- 12.00	112229	14 70			
	[X20SE]	03.94- 09.99	111514	14 100	04.94-	111848	12 1.0
		03.94- 12.00	112229	14 70			
		Chas. -Y1999999 03.94- 12.00	111426	14 100			
		Chas. -Y1999999 03.94- 12.00	111732	14 120			
Omega 2.0 DTi 16V	[X20DTH]				10.98- 09.00	113674	12 2.0



Omega 2.2 i 16V	[Y22XE]	09.99-	111426	14	100	Chas. W1000001- 09.99-	111848	12	1.0
		09.99-	111514	14	100				
		09.99-	111732	14	120				
		09.99-	112229	14	70				
	[Z22XE]	09.99-	111514	14	100	Chas. W1000001- 09.00-	111848	12	1.0
		09.99-	112229	14	70				
Omega 2.2 DTi 16V	[Y22DTH]	09.00-	112415	14	120	09.00- 09.03	113674	12	2.0
		09.00- 07.03	114656	14	140				
Omega 2.5 V6	[X25XE]	04.94-	111514	14	100	03.94-	112459	12	1.4
Omega 2.5 DTi 24V	[Y25DT]	09.01-	112468	14	150	09.01-	113446	12	2.2
Omega 2.5 TD	[25DT]	04.94- 02.01	111788	14	105	04.94- 02.01	112533	12	2.2
						04.96-	113446	12	2.2
						04.94-	113446	12	2.2
	[X25DT]	04.96-	111788	14	105	04.94- 02.01	112533	12	2.2
						04.94- 02.01	112459	12	1.4
Omega 3.0 V6	[X30XE]	04.94- 02.01	111514	14	100	04.94- 02.01	112459	12	1.4
Rascal 1.0	[CB]					01.88-	111127	12	1.4
Royale 2.8	[28H]	01.80- 12.82	111178	14	70				
Royale 3.0	[30E]	10.79- 12.82	111178	14	70				
Royale A 2.0	[H20E]					03.83- 10.84	110341#	12	0.8
Royale A 2.5 E	[25E]	09.84- 08.87	111178	14	70				
Royale A 3.0	[30E]	02.78- 12.82	111178	14	70				
	[30H]	01.80- 07.82	111178	14	70				
	[30E]	10.78- 12.86	111178	14	70				
Royale A 3.0 E	[30E]	10.78- 12.86	111178	14	70				
Senator 2.5 i	[25E]	09.84- 08.87	111178	14	70				
Senator B 3.0 i	[C30NE]	01.88- 09.93	111178	14	70				
Signum 1.8	[Z18XER]	08.05-	114431	14	120	08.05-	114298	12	1.1
Signum 1.9 CDTi	[Z19DT]	04.04-	113904	14	130	04.04-	113931	12	1.7
		04.04-	113955	14	105 A47				
		04.04-	114088	14	140				
		04.04-	114204	14	120				
		04.04-	114801	14	105 A46				
		04.04-	115487	14	140 A49				
Signum 1.9 CDTi 16V	[Z19DTH]	04.04-	113904	14	130	04.04-	113931	12	1.7
		04.04-	113955	14	105 A47				
		04.04-	114088	14	140				
		04.04-	114204	14	120				
		04.04-	114801	14	105 A46				
		04.04-	115487	14	140 A49				
Signum 1.9 Turbo	[Z19DTL]	01.05- 05.08	113904	14	130	01.05- 05.08	113931	12	1.7
		01.05- 05.08	113955	14	105 A47				
		01.05- 05.08	114088	14	140				
		01.05- 05.08	114510	14	120				
		01.05- 05.08	114801	14	105 A46				
		01.05- 05.08	115487	14	140 A49				
Signum 2.0 i Turbo	[Z20NET]	05.03-	113352	14	120	05.03-	114341	12	1.2
Signum 2.0 DTi	[Y20DTH]	05.03-	112415	14	120	05.03-	113674	12	2.0
		05.03- 05.08	114656	14	140				
Signum 2.2 i	[Z22YH]	05.03-	113352	14	120	05.03-	114341	12	1.2
Signum 2.2 DTi	[Y22DTR]	05.03-	112415	14	120	05.03-	113674	12	2.0
		05.03- 05.08	114656	14	140				
Signum 3.2 V6	[Z32SE]	05.03-	113264#	14	140				
Sintra 2.2 i 16V	[X22XE]					09.96- 09.99	111848	12	1.0
Sintra 2.2 DTi	[X22DTH]					09.97- 09.99	113674	12	2.0
Speedster 2.2 i	[Z22SE]	09.00-	113352	14	120	09.00-	114341	12	1.2
Tigra 1.3 CDTi TwinTop	[Z13DT]	06.04-	113720	14	75	06.04-	113719	12	1.3
		06.04-	113722	14	90	06.04-	113843	12	1.1
		06.04-	114451	14	105				
Tigra 1.4	[Z14XEP]					09.04-	111123	12	0.9
Tigra 1.4 16V	[X14XE]	07.94-	111123			07.94-	112229		
						09.94- 08.99	111684	12	1.4
Tigra 1.6 16V	[X16XE]	09.94- 08.99	111426	14	100	07.94-	112229		
		09.94- 08.99	112229	14	70	09.94- 08.99	111684	12	1.4
Tigra 1.8	[Z18XE]	06.04-	112416	14	100	09.04-	113276	12	1.1
						11.94-	111123	12	0.9
Various Models						01.75- 01.78	111102	12	0.8
						01.89- 01.91	111123	12	0.9
						01.89- 01.91	111127	12	1.4
Vectra 1.6	[Z16XEP]	01.06-	114431	14	120				
		01.06-	114668	14	100				
Vectra 1.6 GTS	[Z16XEP]	01.06-	114431	14	120				
		01.06-	114668	14	100				
Vectra 1.6 i	[X16SZR]	10.95-	111426	14	100	10.95-	111123	12	0.9
		10.95-	111514	14	100	10.95-	111127	12	1.4
		10.95-	111732	14	120				
		10.95-	112229	14	70				
Vectra 1.6 i 16V	[X16XEL]	10.95-	111426	14	100	10.95-	111123	12	0.9
		10.95-	111514	14	100				
		10.95-	111732	14	120				
		10.95-	112229	14	70				
	[Y16XE]	10.95-	111514	14	100	10.95-	111123	12	0.9
						09.95- 08.01	111684	12	1.4
						10.95-	111123	12	0.9
[Z16XE]	10.95-	111514	14	100	09.95- 08.01	111684	12	1.4	
Vectra 1.7 TD	[X17DT (TC4EE1)]	10.95- 12.97	111515	14	70	10.95- 12.97	111690	12	1.1
Vectra 1.8	[Z18XEL]	04.02-	112416	14	100	04.02-	113276	12	1.1
	[Z18XER]	01.06-	114431	14	120	01.06-	114298	12	1.1
		01.06-	114668	14	100				
Vectra 1.8 GTS	[Z18XER]	01.06-	114431	14	120	01.06-	114298	12	1.1
Vectra 1.8 16V	[Z18XE]	10.03- 08.05	112416	14	100				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



**VAUXHALL** *Continued*

Vectra 1.8 Dualfuel 16V	[Z18XE]	04.02-	112416	14 100	04.02-	113276	12 1.1	
Vectra 1.8 Dualfuel 16V GTS	[Z18XE]	04.02-	112416	14 100	04.02-	113276	12 1.1	
Vectra 1.8 i 16V	[X18XE]	10.95-	111426	14 100	10.95-	111848	12 1.0	
		10.95- 09.00	111514	14 100	11.96- 09.00	111123	12 0.9	
		10.95-	111732	14 120	06.98-	112431	12 1.1	
		10.95-	112229	14 70				
		[X18XE1]	10.95- 09.00	111514	14 100	09.98- 08.99	112431	12 1.1
		[Z18XE]	09.00-	111514	14 100	09.00- 08.01	112431	12 1.1
Vectra 1.8 i 16V GTS	[Z18XE]	09.00- 08.01	111732	14 120	04.02-	113276	12 1.1	
		09.00- 08.01	112229	14 70				
		04.02-	112416	14 100				
		08.02-	112416	14 100	08.02- 08.05	113276	12 1.1	
Vectra 1.9 CDTi	[Z19DT]	04.04-	113904	14 130	04.04-	113931	12 1.7	
Vectra 1.9 CDTi	[Z19DT]	04.04-	113955	14 105 A47				
		04.04-	114088	14 140				
		04.04-	114204	14 120				
		04.04-	114801	14 105 A46				
		04.04-	115487	14 140 A49				
		[Z19DTL]	10.05-	113904	14 130	10.05-	113931	12 1.7
Vectra 1.9 CDTi 16V	[Z19DTH]	10.05-	113955	14 105 A47				
		10.05-	114801	14 105 A46				
		04.04-	113904	14 130	04.04-	113931	12 1.7	
		04.04-	113955	14 105 A47				
		04.04-	114088	14 140				
		04.04-	114204	14 120				
Vectra 1.9 CDTi 16V GTS	[Z19DTH]	04.04-	114801	14 105 A46				
		04.04-	115487	14 140 A49				
		04.04-	113904	14 130	04.04-	113931	12 1.7	
		04.04-	113955	14 105 A47				
		04.04-	114088	14 140				
		04.04-	114204	14 120				
Vectra 1.9 CDTi GTS	[Z19DT]	04.04-	114801	14 105 A46				
		04.04-	115487	14 140 A49				
		04.04-	113904	14 130	04.04-	113931	12 1.7	
		04.04-	113955	14 105 A47				
		04.04-	114088	14 140				
		04.04-	114204	14 120				
Vectra 1.9 CDTi GTS	[Z19DTL]	04.04-	114801	14 105 A46				
		04.04-	115487	14 140 A49				
		10.05-	113955	14 105 A47	10.05-	113931	12 1.7	
		10.05-	114088	14 140				
		10.05-	114801	14 105 A46				
		10.05-	115487	14 140 A49				
Vectra 2.0 i	[Z20NEJ]	10.95- 03.02	111426	14 100				
		10.95- 03.02	111732	14 120				
		10.95- 03.02	112229	14 70				
Vectra 2.0 i 16V	[X20XEV]	10.95-	111426	14 100	10.95-	111848	12 1.0	
		10.95- 09.00	111514	14 100				
		10.95-	111732	14 120				
		10.95-	112229	14 70				
Vectra 2.0 Turbo 16V	[Z20NET]	03.03-	113352	14 120				
Vectra 2.0 Turbo 16V GTS	[Z20NET]	03.03-	113352	14 120				
Vectra 2.0 Diesel 16V	[X20DTL]				11.96-	113674	12 2.0	
Vectra 2.0 Diesel Di 16V	[X20DTL]				11.96-	113674	12 2.0	
Vectra 2.0 DTi	[Y20DTH]	04.02-	112415	14 120	04.02-	113674	12 2.0	
		04.02- 10.08	114656	14 140				
Vectra 2.0 DTi 16V	[X20DTH]	06.97-	111514	14 100	06.97-	113674	12 2.0	
		[Y20DTH]	04.02-	114656	14 140	06.97- 09.05	113674	12 2.0
		06.97-	111514	14 100				
		06.97-	112415	14 120				
Vectra 2.2 Direct	[Z22YH]	10.03-	113352	14 120	10.03-	114341	12 1.2	
		10.03-	113352	14 120	10.03-	114341	12 1.2	
Vectra 2.2 i	[C22SEL]	10.99- 08.01	111732	14 120				
Vectra 2.2 i 16V	[Z22SE]	09.00- 08.01	113352	14 120	09.00-	114341	12 1.2	
Vectra 2.2 DTi	[Y22DTR]	04.02-	112415	14 120	04.02-	113674	12 2.0	
		04.02- 10.08	114656	14 140				
Vectra 2.2 DTi 16V	[Y22DTR]	09.00- 08.01	112415	14 120	09.00- 08.01	113674	12 2.0	
		10.03-	114656	14 140				
		04.02-	112415	14 120	04.02-	113674	12 2.0	
Vectra 2.2 DTi 16V GTS	[Y22DTR]	04.02-	114656	14 140				
		04.02-	112415	14 120				
Vectra 2.5 i V6	[X25XE]	05.95- 08.01	112806	14 120	05.98- 09.99	112103	12 2.2	
		10.95-	111514	14 100				
Vectra 2.6 i V6	[Y26SE]	09.00-	113264#	14 140				
Vectra 3.2 i V6 GTS	[Z32SE]	08.02-	113264#	14 140				
Vectra 3.2 V6	[Z32SE]	06.03-	113264#	14 140				
Vectra MK II 1.8	[Z18XEL]	04.02- 07.08	112416	14 100	04.02- 07.08	113276	12 1.1	
Ventora 3.3 3300		03.69- 10.76	110179	14 36				
Viceroy 2.5 2500	[Z5S]	01.80- 10.82	111178	14 70				
Victor 1.6 1600		01.70- 09.72	110179	14 36	01.70- 09.72	111103	12 0.8	
Victor 1.8 1800		01.70- 10.76	110179	14 36	01.70- 10.76	111103	12 0.8	
Victor 2.0 2000		01.70- 09.72	110179	14 36	01.70- 09.72	111103	12 0.8	
Victor 2.3 2300		10.72- 10.76	110179	14 36	10.72- 10.76	111103	12 0.8	
Viva 1.1 1100	[11N]				01.63- 10.70	111102	12 0.8	
					01.66- 09.71	111102	12 0.8	
Viva 1.3	[E]	10.71- 10.75	110178	14 36	10.71- 10.75	111102	12 0.8	
		10.71- 10.75	110178	14 36	10.71- 10.75	111102	12 0.8	
Viva 1.3 1300		10.75- 10.79	110178	14 36	10.75- 10.79	111102	12 0.8	
Viva 1.6 1600		01.68- 01.78	111184	14 43	01.68- 10.72	111103	12 0.8	
		01.68- 01.78	110179	14 36				



Viva 1.8 1800		01.73- 10.79	111184	14 43		01.73- 10.79	111103	12 0.8
		01.73- 10.79	110179	14 36				
Vivaro 1.9 Di	[F9Q762]	08.01-	113245	14 125		08.01-	112474	12 1.8
Vivaro 1.9 Diesel Di	[F9Q762]	08.01-	112471	14 125		08.01-	112474	12 1.8
		08.01-	113248	14 120				
		AC 08.01-	112471	14 125				
Vivaro 1.9 DTi	[F9Q760]	08.01-	112471	14 125		08.01-	112474	12 1.8
		08.01-	113248	14 120				
		AC 08.01-	112471	14 125				
Vivaro 2.0 16V	[F4R720]	08.01-	113248	14 120		08.01- 12.06	114814	12 0.9
		08.01-	114122	14 150				
		04.03-	113245	14 125				
		AC 08.01-	112471	14 125				
		A22 08.01-	113245	14 125				
Vivaro 2.0 CDTi	[M9R780]	08.06-	114509	14 150				
	[M9R782]	01.06-	114509	14 150				
	[M9R786]	01.06-	114509	14 150		01.06-	114074	12 2.2
Vivaro 2.5 CDTi 16V	[G9U630]	01.06-	113837	14 150		01.06-	112475	12 2.1
		01.06-	114700	14 150				
Vivaro 2.5 DTi	[G9U630]	04.04-	112471	14 125		04.04-	112475	12 2.1
		04.04-	113245	14 125				
		AC 04.04-	113245	14 125				
VX 1.8 1800					01.76- 10.78	111103	12 0.8	
VX 2.0 i Turbo 220	[Z20LET]	04.03-	113352	14 120		04.03-	111848	12 1.0
Zafira 1.6 16V	[X16XEL]	04.99-	111990	14 70		09.98- 08.99	111123	12 0.9
		04.99-	112416	14 100				
Zafira 1.8 16V	[X18XE1]	04.99-	111990	14 70		03.99- 09.00	112431	12 1.1
		04.99-	112416	14 100				
		[Z18XE]	09.00-	111990	14 70		09.00-	113276
		09.00-	112416	14 100				
Zafira 2.0 Turbo 16V	[Z20LET]	09.01- 06.05	112416	14 100		09.01-	111848	12 1.0
Zafira 2.0 Diesel Di 16V	[X20DTL]	10.99-	111514	14 100		10.99-	113674	12 2.0
Zafira 2.0 DTi 16V	[Y20DTH]	04.99-	111514	14 100		04.99-	113674	12 2.0
Zafira 2.2 16V	[Z22SE]	09.00-	113352	14 120		09.00-	114341	12 1.2
Zafira 2.2 Diesel	[Y22DTR]	06.01- 06.05	112415	14 120				
		06.01- 06.05	114656	14 140				
		A19 06.01- 06.05	114658	14 140				
Zafira MK I 1.8 Dualfuel Dualfuel	[Z18XE]	09.00- 08.05	111990	14 70		09.00- 08.05	112431	12 1.1
		09.00- 08.05	112416	14 100				
Zafira Mk II 1.6	[Z16XEP]	07.05-	114431	14 120		07.05-	113276	12 1.1
		12.07-	114431	14 120				
		12.07-	114668	14 100				
Zafira MK II 1.6 CNG	[Z16YNG]	07.05-	111990	14 70		07.05-	111123	12 0.9
		07.05-	112416	14 100				
Zafira MK II 1.6 Turbo CNG	[A16XNT]					02.09-	114298	12 1.1
	[Z16XNT]					02.09-	114298	12 1.1
Zafira MK II 1.7 CDTi	[A17DTR]	01.08-	114665	14 100		01.08-	112320	12 1.4
Zafira MK II 1.7 TD	[A17DTJ]	04.09-	114665	14 100				
Zafira Mk II 1.8	[Z18XEP]	07.05-	114431	14 120		07.05-	114298	12 1.1
	[Z18XER]	07.05-	114431	14 120		07.05-	114298	12 1.1
Zafira Mk II 1.9 CDTi	[Z19DT]	07.05-	113904	14 130		07.05-	113931	12 1.7
		07.05-	113955	14 105 A47				
		07.05-	114088	14 140				
		07.05-	114204	14 120				
		07.05-	114801	14 105 A46				
		07.05-	115487	14 140 A49				
	[Z19DTH]	07.05-	113904	14 130		07.05-	114058	12 1.7
		07.05-	113955	14 105 A47		AT 07.05-	113931	12 1.7
		07.05-	114088	14 140				
		07.05-	114204	14 120				
		07.05-	114801	14 105 A46				
		07.05-	115487	14 140 A49				
	[Z19DTL]	07.05-	113904	14 130		07.05-	113931	12 1.7
07.05-		113955	14 105 A47					
07.05-		114088	14 140					
07.05-		114510	14 120					
07.05-		114801	14 105 A46					
07.05-		115487	14 140 A49					
Zafira Mk II 2.2	[Z22YH]	07.05-	114076	14 120		07.05-	114341	12 1.2
Zafira MK III 1.6 CNG	[A16XNT]	10.11-	115410*	14 100		10.11-	114298	12 1.1
Zafira MK III 1.8	[A18XEL]	10.11-	115410*	14 100		10.11-	114298	12 1.1
	[A18XER]					10.11-	114298	12 1.1
Zafira Mk III 2.0 BiTurbo CDTi	[A20DTR]				01.13-	113931	12 1.7	
Zafira MK III 2.0 CDTi	[A20DT]	10.11-	114202	14 100		10.11-	114058	12 1.7
						10.11-	113931	12 1.7
	[A20DTH]	10.11-	114202	14 100		10.11-	113931	12 1.7
						10.11-	114058	12 1.7
	[A20DTJ]	10.11-	114202	14 100		10.11-	114058	12 1.7
						10.11-	113931	12 1.7
	[A20DTL]	10.11-	114202	14 100		10.11-	114058	12 1.7
						10.11-	113931	12 1.7
[Z20DTJ]	10.11-	114202	14 100		10.11-	114058	12 1.7	
					10.11-	113931	12 1.7	
Zafira Mki 1.6 Dualfuel	[X16XEL,Z16XE]	11.98- 08.05	111990	14 70		11.98- 08.05	111123	12 0.9
		11.98- 08.05	112416	14 100				
<b>Vetus</b>								
<b>MARINE</b>								
M2.06	[Mitsubishi]						112178	12 1.6
							112185	12 1.2

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



**VETUS** *Continued*

M2.C5	[Mitsubishi]		114079	14	40			112185	12	1.2
								112178	12	1.6
M2.D5	[Mitsubishi]		114079	14	40			112178	12	1.6
								112185	12	1.2
M3.09	[Mitsubishi]		114079	14	40			112185	12	1.2
								112178	12	1.6
M4.15			112492	14	50					
M4.17			112492	14	50					
<b>VM (Stabilimenti Mec)</b>										
<b>MOTORS</b>										
Stationnaires 2.1 235	[HR494..]					04.85-		112173	12	2.7
Stationnaires 2.8 279	[HR494..]					01.86-		112173	12	2.7
Stationnaires 2.8 282	[HR494..]					09.89-		112173	12	2.7
Stationnaires 3.5	[HR594..]					01.84- 12.90		112173	12	2.7
<b>VM Motori</b>										
<b>MOTORS</b>										
Various Models			114466	14	55			114402	12	2.3
								114313	24	2.5
								114265	12	2.7
<b>Volvo</b>										
<b>PASSENGER CARS EU</b>										
66 1.1	[B11]	08.75- 08.78	110899	14	33					
66 1.3	[B130]	08.75- 08.78	110899	14	33					
164 3.0	[B30E]					09.67- 07.74		111054	12	1.1
164 3.0 E	[B30A]					08.68- 07.73		111054	12	1.1
240 2.0	[B19A]	08.76- 07.84	111085	14	55	08.76- 07.84		111054	12	1.1
	[B19ET]	10.82- 08.84	111085	14	55	10.82- 08.84		111489	12	1.4
	[B200K]	08.84- 07.85	111085	14	55	08.84- 07.85		111054	12	1.1
		08.84- 07.85	112753	14	55					
	[B20A]					08.74- 07.76		111054	12	1.1
240 2.1	[B21A]	08.74- 07.84	111085	14	55	08.74- 07.84		111054	12	1.1
	[B21E]	08.74- 07.80	111085	14	55	08.74- 07.80		111054	12	1.1
	[B21F]	08.81- 07.84	111085	14	55	08.80- 07.83		111054	12	1.1
240 2.1 Turbo	[B21ET]	08.81- 07.85	111085	14	55	08.80- 07.83		111054	12	1.1
240 2.3	[B230A]	08.84- 07.86	111085	14	55	08.84- 07.86		111489	12	1.4
		08.84- 07.86	112753	14	55					
	[B230E]					08.83- 07.84		111054	12	1.1
	[B230F]	08.86- 07.93	112746	14	80	08.86- 07.93		111489	12	1.4
		08.86- 07.91	112753	14	55					
		08.88- 07.91	112813#	14	65					
		08.91- 07.93	112810	14	65					
		08.91- 07.93	112815#	14	80					
		AC 08.92- 07.93	112815#	14	80					
	[B230K]	08.84- 07.90	112753	14	55	08.84- 07.90		111489	12	1.4
		08.86- 07.90	112746	14	80					
		AC 08.84- 07.86	112753	14	55					
		AC 08.86- 07.90	112746	14	80					
	[B23A]	08.81- 07.84	111085	14	55	08.80- 07.84		111054	12	1.1
	[B23E]	08.81- 07.84	111085	14	55	03.87- 12.89		111489	12	1.4
		08.84- 07.86	112753	14	55	08.78- 07.83		111054	12	1.1
		07.86- 12.88	112746	14	80					
		08.86- 12.89	112813#	14	65					
		AC 08.86- 12.89	112746	14	80					
240 2.4 Diesel	[D24]	08.81- 08.93	110881	14	55	06.84- 08.93		111120	12	2.2
						08.78- 05.84		111112	12	2.0
260 2.7	[B27F]					08.81- 07.82		111054	12	1.1
340 1.4	[B14.3E]	09.81- 07.91	110921#	14	55	08.79- 07.91		111064	12	1.05
	[B14.4S]	09.81- 12.88	110921#	14	55	05.81- 12.88		111064	12	1.05
						02.76- 09.78		110367	12	1.0
340 1.6 Diesel	[D16]					08.84- 07.91		112295	12	1.7
340 1.7	[B172K]	08.85- 07.91	112744	14	60	08.85- 07.91		110585	12	1.2
340 2.0	[B19A]	08.80- 07.84	111085	14	55	08.80- 07.84		111054	12	1.1
	[B200K]	08.84- 07.88	111085	14	55	08.84- 07.88		110160	12	1.2
		08.84- 07.88	112746	14	80	08.84- 07.88		111054	12	1.1
		08.84- 07.90	112753	14	55					
343 1.4	[B14.4S]	05.81- 07.86	110921#	14	55	08.83- 07.86		111064	12	1.05
						01.76- 01.78		110367	12	1.0
360 2.0	[B19A]	08.82- 07.84	111085	14	55	08.82- 07.84		111054	12	1.1
	[B19E]	08.82- 07.84	111085	14	55	08.82- 07.84		111054	12	1.1
						08.82- 07.84		110160	12	1.2
	[B200E]	08.84- 07.89	112753	14	55	08.84- 07.89		111489	12	1.4
		08.86- 07.89	112746	14	80					
	[B200EA]	08.86- 07.88	112746	14	80	08.86- 07.88		111489	12	1.4
	[B200F]	08.86- 07.90	112746	14	80	08.87- 07.90		111489	12	1.4
		08.86- 07.90	112753	14	55	08.88- 07.89		110160	12	1.2
	[B200K]	08.84- 07.90	111085	14	55	08.84- 07.90		111489	12	1.4
		08.84- 07.86	112753	14	55					
		08.86- 07.90	112746	14	80					
440 1.6	[B16F]	09.88-	111321	14	70	09.88-		110585	12	1.2
		09.88- 12.96	111403#	14	70					
		09.88- 12.96	113839#	14	70					
440 1.7	[B18EP]	09.88- 08.94	111321	14	70	09.88- 08.94		110585	12	1.2
	[B18F]	08.88- 08.91	111321	14	70	08.88- 08.91		110585	12	1.2
		08.88- 07.89	111403#	14	70					
		08.88- 07.89	113839#	14	70					
	[B18FP]	08.89- 07.92	111321	14	70	08.89- 07.92		110585	12	1.2
		08.89- 12.96	111403#	14	70					
		08.89- 12.96	113839#	14	70					





	[B18KP]	09.88- 08.93 09.88- 12.96 09.88- 12.96	111321 14 70 111403# 14 70 113839# 14 70		09.88- 08.93	110585 12 1.2
440 1.7 Turbo	[B18FT]	08.88- 07.96 08.88- 12.96 08.88- 12.96	111321 14 70 111403# 14 70 113839# 14 70		08.88- 07.96 01.91- 12.96	110585 12 1.2 111251 12 1.1
440 1.8	[B18U]	08.91- 07.96 08.91- 12.96 08.91- 12.96 09.95-	111321 14 70 111403# 14 70 113839# 14 70 111326 14 110 ▲		08.91- 07.96 09.95- 12.96	111251 12 1.1 110585 12 1.2
440 1.9 TD	[D19T]	07.94- 12.96 AC 07.94- 12.96	111403# 14 70 111321 14 70		07.94-	112295 12 1.7
440 2.0	[B20F]	08.92- 07.96 08.92- 07.96 08.92- 07.96 01.95- 07.96	111321 14 70 111403# 14 70 113839# 14 70 111326 14 110 ▲		08.92- 07.96	111251 12 1.1
460 1.6	[B16F]	07.92- 07.92- 07.96 07.92- 07.97 01.95-	111321 14 70 111403# 14 70 113839# 14 70 111326 14 110 ▲		07.92- 07.92- 07.96	111251 12 1.1 110585 12 1.2
460 1.7	[B18EP]	08.89- 07.92 08.89- 07.92 08.89- 07.92	111321 14 70 111403# 14 70 113839# 14 70		08.89- 07.92 08.89- 07.92	111251 12 1.1 110585 12 1.2
460 1.7 Turbo	[B18FT]	08.86- 07.96 06.88- 07.96 08.89- 07.96 01.95-	113839# 14 70 111321 14 70 111403# 14 70 111326 14 110 ▲		08.89- 07.96 08.89- 07.96	110585 12 1.2 111251 12 1.1
460 1.8	[B18U]	03.90- 07.96 08.91- 07.96 08.91- 07.96	111321 14 70 111403# 14 70 113839# 14 70		08.91- 07.96 08.91- 07.96	111251 12 1.1 110585 12 1.2
460 1.9 TD	[D19T]	09.93- 07.97 07.94- 07.96	113839# 14 70 111403# 14 70		07.94-	112295 12 1.7
460 2.0	[B20F]	08.92- 12.96 08.92- 07.96 08.92- 07.96 01.95- 07.96	111321 14 70 111403# 14 70 113839# 14 70 111326 14 110 ▲		08.92- 07.96	111251 12 1.1
480 1.7	[B18E]	04.86- 07.89 04.86- 07.89 04.86- 07.89	111321 14 70 111403# 14 70 113839# 14 70		04.86- 07.89 08.85- 07.89	110585 12 1.2 111489 12 1.4
	[B18EP]	08.89- 07.90 08.89- 07.96 08.89- 07.96	111321 14 70 111403# 14 70 113839# 14 70		08.89- 07.90	110585 12 1.2
	[B18F]	08.87- 07.89 08.87- 07.89 08.87- 07.89	111321 14 70 111403# 14 70 113839# 14 70		08.87- 07.89	110585 12 1.2
480 1.7 Turbo	[B18FT]	08.87- 07.96 08.87- 07.96 08.87- 07.96 01.95- 07.96	111321 14 70 111403# 14 70 113839# 14 70 111326 14 110 ▲		08.87- 07.96 08.87- 07.96	110585 12 1.2 111251 12 1.1
480 2.0	[B20F]	08.92- 09.95 08.92- 09.95 08.92- 09.95	111321 14 70 111403# 14 70 113839# 14 70		08.92- 09.95 08.92- 09.95	110585 12 1.2 111251 12 1.1
740 2.0	[B19ET]				12.83- 07.84	111489 12 1.4
	[B200E]	01.87- 08.88	112815# 14 80		08.85- 07.91	111489 12 1.4
	[B200ET]	01.85- 07.86 08.86- 08.90	112753 14 55 112746 14 80		01.85- 07.89	111489 12 1.4
	[B200F]	08.89- 07.91	112746 14 80		08.89- 07.91	111489 12 1.4
	[B200K]	08.84- 07.86 08.86- 07.89	112753 14 55 112746 14 80		08.85- 07.89	111489 12 1.4
740 2.3	[B230A]	08.84- 07.86	112753 14 55		08.85- 07.87	111489 12 1.4
	[B230E]	08.84- 08.87 08.86- 07.88	112753 14 55 112746 14 80		08.85- 07.88 08.84- 07.88	111489 12 1.4 110160 12 1.2
	[B230F]	08.84- 07.87 09.85- 07.91 06.86- 07.90 AC 09.85- 07.91 AC 08.91- 07.92	112753 14 55 112813# 14 65 112746 14 80 112746 14 80 112815# 14 80		08.87- 07.92 08.85- 07.92	110160 12 1.2 111489 12 1.4
	[B230FB]	08.90- 07.95	112815# 14 80		08.88- 07.90	111054 12 1.1
	[B230K]	09.85- 07.87 06.86- 07.90	112753 14 55 112746 14 80		09.85- 07.90	111489 12 1.4
	[B234F]				08.87- 07.89 08.87- 08.92	110160 12 1.2 111489 12 1.4
	[B23A]	08.84- 07.87 08.86- 07.90	112753 14 55 112746 14 80		08.85- 07.90	111489 12 1.4
	[B23E]				08.83- 07.84	111054 12 1.1
740 2.3 16V	[B234F]				08.88- 07.91 08.88- 07.91	110160 12 1.2 111489 12 1.4
740 2.3 i	[B234F]				07.89- 08.92	111489 12 1.4
740 2.3 Turbo	[B230ET]				08.85- 07.89	111489 12 1.4
	[B230FT]	09.90- 07.91	112813# 14 65		08.86- 07.91	111489 12 1.4
	[B230GT]				08.89- 07.90	111489 12 1.4
740 2.4 Diesel	[D24]	04.84- 07.84 08.88- 07.91	110881 14 55 112753 14 55		08.82- 04.84 08.84- 07.92	111112 12 2.0 111120 12 2.2
740 2.4 TD	[D24T]	09.85- 07.92 04.87- 07.88 Chas. 294100- 08.88- 07.91 Chas. 176800- 08.88- 09.91	110881 14 55 112753 14 55 112753 14 55 112753 14 55		04.85- 07.92 02.82- 04.84	111120 12 2.2 111112 12 2.0
	[D24TIC]	08.86- 10.88	112746 14 80		08.86- 10.88	111120 12 2.2

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**VOLVO** Continued

740 2.4 TD Intercooler	[D24TIC]	08.86- 07.88 08.86- 07.91	110881 112753	14 55 14 55	08.86- 07.92	111120	12 2.2
760 2.3	[B230FT]				08.85- 07.92	111489	12 1.4
760 2.3 Turbo	[B230ET]				08.84- 07.92	111489	12 1.4
	[B23ET]				08.82- 07.83	111054	12 1.1
760 2.4 Diesel	[D24]	01.82- 07.92	110881	14 55	01.82- 07.92	111120	12 2.2
760 2.4 TD	[D24T]	08.82- 07.92	110881	14 55	08.82- 07.92	111120	12 2.2
760 2.4 TD Intercooler	[D24TIC]	08.87- 07.92 08.87- 07.92	110881 112746	14 55 14 80	08.87- 07.92	111120	12 2.2
780 2.4 Diesel	[D24TIC]				04.86- 07.90	111120	12 2.2
850 2.0	[B5202S]				08.94- 12.96	112818	12 1.4
	[B5204F]				06.91- 12.96	112818	12 1.4
850 2.0 Turbo	[B5204FT]				02.93- 01.98	112818	12 1.4
		01.94- 08.96	112557	14 120			
	[B5204T]				02.93- 12.96	112818	12 1.4
850 2.3 T5	[B5234FT]	02.93- 12.96	112557	14 120	02.93- 12.96	112818	12 1.4
850 2.3 T5R	[B5234T4]	09.94- 08.97	112557	14 120	08.95- 12.96	112818	12 1.4
850 2.5	[B5252]	08.92- 07.94	112557	14 120	08.92- 07.94	112818	12 1.4
	[B5252S]	08.94- 12.96	112557	14 120	08.94- 12.96	112818	12 1.4
850 2.5 AWD	[B5254T]	04.96- 12.96	112557	14 120	04.96- 12.96	112818	12 1.4
850 2.5 10V	[B5252]	06.91- 07.94	112557	14 120	06.91- 07.94	112818	12 1.4
	[B5252S]	08.94- 12.96	112557	14 120	08.94- 12.96	112818	12 1.4
850 2.5 20V	[B5254S]	08.91- 12.96	112557	14 120	08.91- 12.96	112818	12 1.4
850 2.5 TDi	[D5252T]	05.96- 08.97	111894	14 115			
940 2.0	[B200F]	09.90- 08.91	112813#	14 65	01.92- 07.94	111489	12 1.4
		01.92- 08.93	112810	14 65			
		01.92- 08.93	112815#	14 80			
	AC	09.90- 08.91	112746	14 80			
	AC	09.91- 08.95	112815#	14 80			
940 2.0 Turbo	[B200FT]	09.91- 07.97 04.96- 10.98	112815# 112746	14 80 14 80	04.96- 10.98	111489	12 1.4
940 2.3	[B230FB]	08.90- 08.95	112810	14 65	08.90- 12.94	110160	12 1.2
		08.90- 08.97	112815#	14 80	08.90- 12.94	111489	12 1.4
	[B230FD]	08.92- 08.93	112810	14 65	08.92- 07.95	111489	12 1.4
		08.92- 08.97	112815#	14 80	08.92- 07.95	110160	12 1.2
	[B230G]				08.90- 12.94	111489	12 1.4
[B234F]				08.88- 07.91	110160	12 1.2	
				08.88- 07.91	111489	12 1.4	
940 2.3 Turbo	[B230FK]	09.94- 08.97	112815#	14 80	01.95- 08.97	111489	12 1.4
					01.95- 08.97	110160	12 1.2
	[B230FT]	08.90- 08.97	112815#	14 80	08.90- 08.97	111489	12 1.4
				08.90- 08.97	110160	12 1.2	
940 2.4 Diesel	[D24]	08.90- 07.95	112746	14 80	08.90- 12.94	111120	12 2.2
940 2.4 TD	[D24T]	08.90- 08.91	112746	14 80	08.90- 08.97	111120	12 2.2
940 2.4 TD Intercooler	[D24TIC]	08.90- 08.94	112746	14 80	08.90- 08.97	111120	12 2.2
960 2.0	[B204E]				09.90- 07.91	111489	12 1.4
	[B204FT]				08.90- 09.91	111489	12 1.4
960 2.4 TD Intercooler	[D24TIC]				08.90- 08.97	111120	12 2.2
960 2.5 24V	[B6254S]	08.94- 08.97	112557	14 120			
960 2.9	[B6304F]	08.90- 08.97	112557	14 120			
	[B6304S]	08.90- 08.97	112557	14 120			
960 2.9 24V	[B6304S]	08.95- 08.97	112557	14 120			
960 3.0	[B6304F]	08.90- 07.94 08.95-	112557 111736#	14 120 14 90			
66 DL 1.1	[B11]	10.75- 11.79	110899	14 33			
66 GL 1.3	[B130]	10.75- 11.79	110899	14 33			
C30 1.6	[B4164S3]	10.06-	113849	14 150			
C30 1.6 Diesel	[D4164T]	10.06-	113849	14 150	10.06-	113908	12 1.2
		10.06-	113922	14 120			
C30 1.8	[B4184S11]				10.06-	113906	12 1.2
C30 1.8 Flexfuel	[B4184S8]				01.07-	113906	12 1.2
C30 2.0	[B4204S3]	10.06-	113849	14 150	10.06-	113906	12 1.2
C30 2.0 Diesel	[D4204T]	10.06-	113849	14 150	10.06-	113911	12 2.2
		10.06-	113922	14 120			
C70 2.0 20V	[B5204T2]				03.97-	112818	12 1.4
C70 2.0 Turbo	[B5204T3]	03.97- 07.00 08.98-	111894 112072	14 115 14 120	03.97-	112818	12 1.4
	[B5204T4]	03.00- 09.02	112072	14 120	03.00- 09.02	112818	12 1.4
C70 2.0 Diesel	[D4204T]	01.08- 01.08-	113849 113922	14 150 14 120	01.08-	113911	12 2.2
C70 2.3 T5	[B5234T3]				03.97-	112818	12 1.4
		09.97- 09.02 09.98-	111894 112072	14 115 14 120			
	[B5234T9]	08.02- 08.02-	111894 112072	14 115 14 120	08.02-	112818	12 1.4
C70 2.4	[B5244S5]	03.06-	114810*	14 150	03.06-	114315	12 1.4
C70 2.4 i	[B5244S4]	03.06-	114810*	14 150	03.06-	114315	12 1.4
C70 2.4 Turbo	[B5244T7]	08.02- 08.02-	111894 112072	14 115 14 120	08.02-	112818	12 1.4
C70 2.4 Diesel	[D5244T9]				03.07-	113303	12 2.2
C70 2.4 Diesel D5	[D5244T8]				03.06-	113303	12 2.2
C70 2.5	[B5244S]	03.99- 07.00	112072	14 120	03.99- 07.00	112818	12 1.4
	[B5254S]	06.98- 07.00	112072	14 120	06.98- 07.00	112818	12 1.4
C70 2.5 T5	[D5254T3]	03.06-	114810*	14 150	03.06-	114315	12 1.4
C70 2.5 Turbo	[B5244T]				03.97- 09.02	112818	12 1.4
		01.98- 07.99 03.98-	111894 112072	14 115 14 120			



	[B5254T]	01.98- 07.99 09.98-	111894 112072	14 115 14 120		03.97-	112818	12 1.4
C70 2.5 Turbo T5	[B5254T7]					03.07-	114315	12 1.4
P 121 1.8	[B18]					02.67- 05.71	111054	12 1.1
P 121 2.0	[B20A]					11.68- 05.71	111054	12 1.1
P 122 S 1.8 Amazon	[B18]					09.66- 05.71	111054	12 1.1
	[B18D]					02.67- 05.71	111054	12 1.1
P 122 S 2.0 Amazon	[B20B]					11.68- 05.71	111054	12 1.1
P 140 1.8	[B18A]					08.66- 07.68	111054	12 1.1
P 140 2.0	[B20A]					08.68- 07.74	111054	12 1.1
	[B20D]					08.71- 07.72	111054	12 1.1
	[B20E]					09.70- 04.75	111054	12 1.1
P 140 S 1.8	[B18B]					07.67- 01.72	111054	12 1.1
P 140 S 2.0	[B20B]					11.68- 09.72	111054	12 1.1
	[B20F]					09.72- 08.75	111054	12 1.1
P 145 2.0	[B20B]					08.72- 07.74	111054	12 1.1
	[B20E]					08.72- 07.73	111054	12 1.1
	[B20F]					09.73- 02.75	111054	12 1.1
P 145 S 2.0	[B20A]					08.68- 07.74	111054	12 1.1
P 1800 1.8						04.62- 05.70	111054	12 1.1
P 1800 ES 2.0	[B20E]					08.70- 07.73	111054	12 1.1
S40 1.6	[B4164S]					AT 09.95- 08.99	112818	12 1.4
						A15 09.95- 08.99	112080	12 1.4
	[B4164S2]					03.99-	112080	12 1.4
						AT 03.99-	112818	12 1.4
						03.99- 12.03	113605	12 1.1
	[B4164S3]					01.05-	111906	12 1.1
S40 1.6 Diesel	[D4164T]	01.05- 01.05-	113849 113922	14 150 14 120		01.05-	113908	12 1.2
S40 1.8	[B4184S]					07.95- 12.03	113605	12 1.1
						A15 07.95-	112080	12 1.4
						AT 07.95-	112818	12 1.4
	[B4184S11]	04.04-	114083*	14 150		04.04-	113906	12 1.2
	[B4184S2]					03.99-	112080	12 1.4
						03.99-	112818	12 1.4
	[B4184S3]					07.95- 08.99	113605	12 1.1
	[B4184S9]					03.99- 12.03	113605	12 1.1
S40 1.8 Flexfuel	[B4184S8]					01.06-	113906	12 1.2
S40 1.9 T4	[B4194T]					AT 05.97-	112818	12 1.4
						A15 05.97-	112080	12 1.4
	[B4194T2]	05.97- 07.00	113272	14 140		05.97- 07.00	113605	12 1.1
S40 1.9 Diesel Di	[D4192T2]	03.99- 03.99- 07.00	111775# 113248	14 120 14 120		03.99-	112295	12 1.7
	[D4192T3]	07.00- 12.03 07.00- 12.03	112471 113248	14 125 14 120		07.00- 12.00 07.00- 12.03	112295 112474	12 1.7 12 1.8
		Eng. -36180 07.00- 12.03 Eng. -36180 07.00- 12.03	112679 112696	14 110 14 80				
	[D4192T4]	07.00- 12.03 07.00- 12.03	112471 113248	14 125 14 120		07.00- 12.00 07.00- 12.03	112295 112474	12 1.7 12 1.8
		Eng. -36180 07.00- 12.03 Eng. -36180 07.00- 12.03	112679 112696	14 110 14 80				
S40 1.9 TD	[D4192T]	07.95- 08.99 Eng. -36180 05.96- 07.99	113248 112696	14 120 14 80		07.95- 08.99	112295	12 1.7
S40 2.0	[B4204S]					AT 07.95- A15 07.95-	112818 112080	12 1.4 12 1.4
	[B4204S3]	10.06- 10.06-	113978 114083*	14 120 14 150		10.06-	113906	12 1.2
S40 2.0 16V	[B4204S]					AT 07.95- A15 07.95-	112818 112080	12 1.4 12 1.4
	[B4204S2]	Chas. 964075- 07.95- 12.03 Chas. 415000-964074 07.95- 12.03	113272 112072	14 140 14 120		07.95- 12.03	113605	12 1.1
S40 2.0 Turbo	[B4204T]	04.98- 07.99	113272	14 140		AT 10.97- DK, IS, N, S, SF 10.97-	112818 112080	12 1.4 12 1.4
	[B4204T2]	Chas. 964075- 08.00- 01.04 Chas. -964074 08.00- 01.04	113272 112072	14 140 14 120				
	[B4204T3]	Chas. 964075 - 08.00- 01.04 Chas. - 964074 08.00- 01.04	113272 112072	14 140 14 120				
S40 2.0 Turbo T4	[B4204T5]					AT 07.00- 12.03 07.00- 12.03	112818 112080	12 1.4 12 1.4
		Chas. 964075- 07.00- 12.03	113272	14 140				
S40 2.0 F	[B4204S4]					10.06-	113906	12 1.2
S40 2.0 Diesel	[D4204T]	01.04- 01.04-	113849 113922	14 150 14 120		01.04-	113911	12 2.2
S40 2.4	[B5244S]	01.04-	114810*	14 150		01.04-	114315	12 1.4
	[B5244S5]					01.04-	114315	12 1.4
S40 2.5 T5	[B5254T3]	01.04-	114810*	14 150		01.04-	114315	12 1.4
S40 2.5 T5 AWD	[B5254T3]	04.04-	114810*	14 150		04.04-	114315	12 1.4
S40 2.5 Turbo T5	[B5254T7]					03.07-	114315	12 1.4
S40 2.5 Turbo T5 AWD	[B5254T7]					03.07-	114315	12 1.4
S60 2.0 T5	[B4204T7]					04.10-	113906	12 1.2
S60 2.0 Turbo	[B4204T6]					04.10-	113906	12 1.2
	[B5204T5]	09.01- 09.01- AT 09.01-	112072 113272 112078	14 120 14 140 14 120		11.00-	112818	12 1.4
S60 2.3 T5	[B5234T3]	11.00- 11.00- AT 11.00-	112072 113272 112078	14 120 14 140 14 120		11.00- 03.04	112818	12 1.4

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**VOLVO** Continued

S60 2.4	[B5244S]	11.00- 11.00- AT 11.00-	112072 113272 112078	14 120 14 140 14 120	11.00-	112818	12 1.4
	[B5244S2]	11.00- 11.00- AT 11.00-	112072 113272 112078	14 120 14 140 14 120	11.00-	112818	12 1.4
S60 2.4 T5	[B5244T5]	04.04- 08.04	113272	14 140	04.04-	112818	12 1.4
S60 2.4 Turbo	[B5244T3]	11.00- 11.00- AT 11.00-	112072 113272 112078	14 120 14 140 14 120	11.00- 07.02	112818	12 1.4
	[B5244T3]	11.01- 07.02 11.01- 07.02 11.01-	112072 112078 113272	14 120 14 120 14 140	11.01-	112818	12 1.4
S60 2.4 BIFuel	[B5244SG2]	06.02- 08.04 06.02- 06.02-	112072 112078 113272	14 120 14 120 14 140	06.02-	112818	12 1.4
	[D5244T]	07.01- 07.01-	113272 113754	14 140 14 120	Chas. 61386- 07.01-	113303	12 2.2
	[D5244T2]	12.01- 08.02- 08.04	113754 113272	14 120 14 140	Chas. 61386- 08.02-	113303	12 2.2
	[D5244T5]				01.07-	113303	12 2.2
S60 2.5 Turbo	[B5254T2]	04.04- 08.04	113272	14 140	04.04-	112818	12 1.4
S60 2.5 Turbo AWD	[B5254T2]	04.04- 08.04	113272	14 140	04.04-	112818	12 1.4
S60 3.0 T6 4x4	[B6304T4]				04.10-	114746	12 1.4
S60 R 2.5 Turbo AWD	[B5254T4]	03.03- 08.04 03.03- 08.04 03.03- 08.04	112072 112078 113272	14 120 14 120 14 140	03.03-	112818	12 1.4
	[B5202S]				AT 01.97-	112818	12 1.4
			09.98-	112072	14 120		
S70 2.0	[B5204F]	01.97- 08.98 09.98- 03.00	111894 112072	14 115 14 120	01.97-	112818	12 1.4
	[B5204T4]	01.97- 11.00	112072	14 120	01.97- 11.00	112818	12 1.4
S70 2.0 20V	[B5204T2]				01.97- 07.98	112818	12 1.4
S70 2.0 Turbo	[B5204T]	01.97- 03.00 09.98- 03.00	111894 112072	14 115 14 120	01.97-	112818	12 1.4
	[B5204T3]	01.97- 11.00 09.98- 11.00	111894 112072	14 115 14 120	08.98- 11.00	112818	12 1.4
S70 2.3 T5	[B5234T3]	01.97- 08.98 09.98-	111894 112072	14 115 14 120	AT 01.97-	112818	12 1.4
S70 2.3 Turbo	[B5234FT]	01.97- 08.98 09.98- 11.00	111894 112072	14 115 14 120	01.97- 11.00	112818	12 1.4
	[B5244S]	01.97- 09.98-	111894 112072	14 115 14 120	AT 01.97-	112818	12 1.4
S70 2.4	[B5244S2]	08.99- 07.00	112072	14 120	08.99- 07.00	112818	12 1.4
	[B5252S]	01.97- 09.98-	111894 112072	14 115 14 120	AT 01.97-	112818	12 1.4
	[B5254S]	06.98- 09.98-	111894 112072	14 115 14 120	06.98-	112818	12 1.4
	[GB5252S]	10.98- 10.98-	111894 112072	14 115 14 120	AT 10.98-	112818	12 1.4
S70 2.4 Turbo	[B5244T]	01.97- 11.00	112072	14 120	AT 01.97-	112818	12 1.4
	[B5254T]	01.97- 09.98-	111894 112072	14 115 14 120	AT 01.97-	112818	12 1.4
S70 2.5 BIFuel	[B5244SG]	07.99- 11.00 07.99-	111894 112072	14 115 14 120	07.99-	112818	12 1.4
S70 2.5 TDi	[D5252T]	01.97- 01.97- 01.97- 11.00	111894 113272 113754	14 115 14 140 14 120			
	[B4204S3]				01.08-	113906	12 1.2
	[B5204T4]	06.98- 06.98-	112078 113272	14 120 14 140	06.98-	112818	12 1.4
S80 2.0 T5	[B4204T7]				10.10-	113906	12 1.2
S80 2.0 FlexFuel	[B4204S4]				01.08-	113906	12 1.2
S80 2.0 Turbo	[B4204T6]				01.10-	113906	12 1.2
	[B5204T3]	06.98- 06.98-	112078 113272	14 120 14 140	06.98-	112818	12 1.4
	[B5204T5]	12.99- 12.99-	112078 113272	14 120 14 140	12.99-	112818	12 1.4
S80 2.0 Diesel D3	[D5204T2]				01.10-	113303	12 2.2
S80 2.4	[B5244S]	01.99- 01.99- 01.99-	112072 112078 113272	14 120 14 120 14 140	01.99-	112818	12 1.4
	[B5244S2]	01.99- 01.99- 01.99-	112072 112078 113272	14 120 14 120 14 140	01.99-	112818	12 1.4
S80 2.4 T5 AWD	[B5244T3]	08.00- 07.03 08.00- 07.03	112078 113272	14 120 14 140	04.00- 09.03	112818	12 1.4
S80 2.4 Turbo	[B5244T3]	03.00- 03.00- 06.00-	112078 113272 112072	14 120 14 140 14 120	03.00-	112818	12 1.4
	[B5244SG2]	09.01- 09.01- 09.01-	112072 112078 113272	14 120 14 120 14 140	09.01-	112818	12 1.4
	[D5244T2]	10.01- 10.01- 07.06	113272 113754	14 140 14 120			
S80 2.4 Diesel D5	[D5244T]	08.01-	113272	14 140	AT 08.01-	113303	12 2.2
	[D5244T11]				06.11-	113303	12 2.2
	[D5244T15]				06.11-	113303	12 2.2



	[D5244T4]					03.06-		113303	12	2.2	
S80 2.4 Diesel D5 AWD	[D5244T11]					06.11-		113303	12	2.2	
	[D5244T15]					06.11-		113303	12	2.2	
S80 2.5 Turbo	[B5254T2]	07.03-	113272	14	140			03.03-	112818	12	1.4
S80 2.5 Turbo AWD	[B5254T2]	07.03-	113272	14	140			07.03-	112818	12	1.4
S80 2.5 TDi	[D5252T]	01.99- 08.01	113272	14	140						
		01.99- 07.06	113754	14	120						
S80 2.8 T6	[B6284T]	09.98- 08.01	112078	14	120			06.98- 07.01	113749#	12	1.7
		09.98-	113272	14	140						
S80 2.9	[B6294S]	03.99-	112078	14	120			08.99- 07.01	113749#	12	1.7
		03.99-	113272	14	140						
S80 2.9 24V	[B6304S3]	09.98- 08.99	112078	14	120			06.98- 07.99	113749#	12	1.7
		09.98- 08.99	113272	14	140						
S80 3.0	[B6294S2]	08.01-	112072	14	120			06.01- 07.06	113749#	12	1.7
		08.01-	112078	14	120						
		08.01-	113272	14	140						
S80 3.0 T6	[B6294T]	06.01-	112072	14	120			06.01- 07.06	113749#	12	1.7
		06.01-	112078	14	120						
		06.01-	113272	14	140						
S80 3.0 T6 AWD	[B6304T4]					10.10-		114746	12	1.4	
S80 3.0 Turbo T6 AWD	[B6304T2]					01.07-		114746	12	1.4	
S80 3.2	[B6324S]					03.06-		114746	12	1.4	
	[B6324S5]					01.10-		114746	12	1.4	
S80 3.2 AWD	[B6324S]					01.07-		114746	12	1.4	
	[B6324S5]					01.10-		114746	12	1.4	
S90 2.9	[B6304G]	01.97-	112557	14	120						
	[B6304S2]	01.97-	112557	14	120						
V40 1.6	[B4164S]							AT 12.95- 08.99	112818	12	1.4
								DK, IS, N, S, SF 12.95- 08.99	112080	12	1.4
								07.95-	113605	12	1.1
	[B4164S2]							AT 03.99-	112818	12	1.4
								A15 03.99-	112080	12	1.4
V40 1.8	[B4184S]							A15 07.95-	112080	12	1.4
								AT 07.95-	112818	12	1.4
								07.95-	113605	12	1.1
	[B4184S2]							A15 03.99-	112080	12	1.4
								AT 03.99-	112818	12	1.4
	[B4184S3]							07.95- 08.99	113605	12	1.1
	[B4184S9]							03.99-	113605	12	1.1
V40 1.8 i	[B4184SJ]	06.01-	112327	14	100						
V40 1.9 T4	[B4194T]							A15 05.97-	112080	12	1.4
								AT 05.97-	112818	12	1.4
V40 1.9 Diesel Di	[D4192T2]	03.99-	111775#	14	120			03.99-	112295	12	1.7
		03.99- 07.00	113248	14	120						
	[D4192T3]	07.00-	112471	14	125			07.00-	112474	12	1.8
		07.00- 06.04	113248	14	120			07.00- 12.00	112295	12	1.7
		Eng. -36180 07.00-	112679	14	110						
		Eng. -36180 07.00-	112696	14	80						
	[D4192T4]	07.00-	112471	14	125			07.00-	112474	12	1.8
		07.00- 06.04	113248	14	120			07.00- 12.00	112295	12	1.7
		Eng. -36180 07.00-	112679	14	110						
		Eng. -36180 07.00-	112696	14	80						
V40 1.9 TD	[D4192T]	07.95- 08.99	111775#	14	120			07.95-	112295	12	1.7
		07.95- 08.99	113248	14	120						
V40 2.0	[B4204S]							AT 07.95-	112818	12	1.4
								A15 07.95-	112080	12	1.4
V40 2.0 16V	[B4204S2]							A15 07.95-	112080	12	1.4
		Chas. 964075- 07.95- 04.04	113272	14	140			07.95-	113605	12	1.1
		Chas. 415000-964074 07.95- 04.04	112072	14	120			AT 07.95-	112818	12	1.4
V40 2.0 Turbo	[B4204T2]	07.00- 06.01	112072	14	120			07.00- 06.01	112080	12	1.4
		07.00- 06.01	113272	14	140			AT 07.00- 06.01	112818	12	1.4
	[B4204T3]	06.01-	113272	14	140			AT 06.01-	112818	12	1.4
		Chas. - 964074 08.00- 04.04	112072	14	120			06.01-	112080	12	1.4
V40 2.0 Turbo 16V	[B4204T]	10.97- 07.00	112072	14	120			A15 10.97-	112080	12	1.4
		10.97- 07.00	113272	14	140			AT 10.97-	112818	12	1.4
V40 2.0 Turbo T4	[B4204T5]	07.00-	112072	14	120			AT 07.00- 04.04	112818	12	1.4
		07.00-	113272	14	140			A15 07.00- 04.04	112080	12	1.4
V50 1.6	[B4164S3]							01.05-	111906	12	1.1
V50 1.6 Diesel	[D4164T]	01.05-	113849	14	150			01.05-	113908	12	1.2
		01.05-	113922	14	120						
V50 1.8	[B4184S11]	04.04-	114083*	14	150			04.04-	113906	12	1.2
V50 1.8 FlexFuel	[B4184S8]							01.05-	113906	12	1.2
V50 2.0	[B4204S3]	10.06-	113978	14	120			10.06-	113906	12	1.2
		10.06-	114083*	14	150						
V50 2.0 Flexfuel	[B4204S4]							01.10-	113906	12	1.2
V50 2.0 Diesel	[D4204T]	04.04-	113849	14	150			04.04-	113911	12	2.2
		04.04-	113922	14	120						
V50 2.4	[B5244S]	04.04-	114810*	14	150			04.04-	114315	12	1.4
	[B5244S5]	04.04-	114810*	14	150			04.04-	114315	12	1.4
V50 2.4 Diesel	[D5244T8]							03.06-	113303	12	2.2
V50 2.5 T5	[B5254T3]	04.04-	114810*	14	150			04.04-	114315	12	1.4
V50 2.5 T5 AWD	[B5254T3]	04.04-	114810*	14	150			04.04-	114315	12	1.4
V50 2.5 Turbo T5	[B5254T7]							03.07-	114315	12	1.4
V50 2.5 Turbo T5 AWD	[B5254T7]							03.07-	114315	12	1.4
V60 2.0 T5	[B4204T7]							09.10-	113906	12	1.2
V60 2.0 Turbo	[B4204T6]							09.10-	113906	12	1.2
V60 3.0 T6 AWD	[B6304T4]							09.10-	114746	12	1.4
V70 1.6 D5 AWD	[B4164T]							10.10-	113906	12	1.2
V70 1.6 T4F	[B4164T2]							01.11-	113906	12	1.2

## STARTERS &amp; ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**VOLVO** Continued

V70 2.0	[B4204S3]					10.07-	113906	12 1.2
	[B5202S]					01.97-	112818	12 1.4
		09.98-	112072	14 120				
	[B5204F]	01.97- 03.00	111894	14 115		01.97- 03.00	112818	12 1.4
		09.98- 03.00	112072	14 120				
	[B5204T4]	01.97- 03.00	112072	14 120		01.97- 03.00	112818	12 1.4
V70 2.0 T6 AWD	[B4204T7]					01.10-	113906	12 1.2
V70 2.0 20V	[B5204T2]	01.97- 08.98	111894	14 115		01.97- 03.06	112818	12 1.4
V70 2.0 FlexFuel	[B4204S4]					01.08-	113906	12 1.2
V70 2.0 Turbo	[B4204T6]					01.10-	113906	12 1.2
	[B5204T]	03.00- 03.00	113272	14 140		01.97-	112818	12 1.4
		01.97- 03.00	111894	14 115				
		09.98- 03.00	112072	14 120				
	[B5204T3]	01.97- 08.99	111894	14 115		01.97- 08.99	112818	12 1.4
		09.98- 08.99	112072	14 120				
	[B5204T5]	03.00-	112072	14 120		07.01-	112818	12 1.4
	03.00-	113272	14 140					
V70 2.0 Turbo AWD	[B5204T3]	01.97- 08.99	111894	14 115		01.97- 08.99	112818	12 1.4
		09.98- 08.99	112072	14 120				
V70 2.0	[D5204T3]					01.13-	113303	12 2.2
	[D5204T7]					03.10-	113303	12 2.2
V70 2.0 Diesel	[D4204T]					10.07-	113911	12 2.2
V70 2.0 Diesel D5 AWD	[D5204T2]					03.10- 07.11	113303	12 2.2
V70 2.3	[B5234FT]	01.97- 03.00	111894	14 115		01.97- 03.00	112818	12 1.4
		09.98- 03.00	112072	14 120				
V70 2.3 T5	[B5234T3]	03.00-	113272	14 140		01.97-	112818	12 1.4
		09.98-	112072	14 120				
	AT 03.00-	112078	14 120					
V70 2.3 T5 AWD	[B5234T3]	01.97-	111894	14 115		01.97-	112818	12 1.4
		09.98-	112072	14 120				
V70 2.3 Turbo AWD	[B5234FT]					04.97-	112818	12 1.4
		09.98-	112072	14 120				
V70 2.4	[B5244S]	03.00-	113272	14 140		01.97-	112818	12 1.4
		09.98-	112072	14 120				
	AT 03.00-	112078	14 120					
	[B5244S2]	03.00-	112072	14 120		03.00-	112818	12 1.4
		03.00-	113272	14 140				
		AT 03.00-	112078	14 120				
	[B5252S]					01.97-	112818	12 1.4
		09.98-	112072	14 120				
	[B5254S]	06.98-	111894	14 115		06.98-	112818	12 1.4
		09.98-	112072	14 120				
	[GB5244SG2]	08.99- 05.00	112072	14 120		05.99- 03.00	112818	12 1.4
V70 2.4 Turbo	[B5244T]	01.97- 03.00	112072	14 120		01.97- 03.00	112818	12 1.4
	[B5244T3]	03.00-	112078	14 120		03.00-	112818	12 1.4
		03.00-	113272	14 140				
	AC 03.00-	112072	14 120					
	[B5254T]	01.97-	111894	14 115		01.97-	112818	12 1.4
	09.98-	112072	14 120					
V70 2.4 Turbo AWD	[B5244T]	01.97- 05.00	112072	14 120		01.97- 05.00	112818	12 1.4
	[B5244T3]	03.00-	112078	14 120		03.00-	112818	12 1.4
		03.00-	113272	14 140				
		09.00-	112072	14 120				
	[B5254T]	01.97-	111894	14 115		01.97-	112818	12 1.4
	09.98-	112072	14 120					
V70 2.4 Turbo T5	[B5244T5]	04.04-	112072	14 120		04.04-	112818	12 1.4
		04.04-	113272	14 140				
V70 2.4	[GB5252S]	10.98-	111894	14 115		10.98-	112818	12 1.4
		10.98-	112072	14 120				
V70 2.4 4x4	[D5244T17]					01.13-	113303	12 2.2
V70 2.4 BiFuel	[B5244SG]	09.01-	112078	14 120		08.99-	112818	12 1.4
		08.99-	111894	14 115				
		08.99-	112072	14 120				
		08.99-	113272	14 140				
V70 2.4 Diesel	[D5244T2]	12.01-	113272	14 140				
V70 2.4 Diesel D5	[D5244T11]					06.11-	113303	12 2.2
	[D5244T15]					06.11-	113303	12 2.2
	[D5244T4]	05.05-	113272	14 140				
	[D5244T5]	08.01-	113272	14 140				
V70 2.4 Diesel D5 AWD	[D5244T15]					06.11-	113303	12 2.2
	[D5244T4]	05.05-	113272	14 140				
	[D5244T5]	08.02-	113272	14 140				
V70 2.5 AWD	[B5244T2]	03.99- 03.00	111894	14 115		03.99- 03.00	112818	12 1.4
		03.99- 03.00	112072	14 120				
V70 2.5 Turbo	[B5254T2]	04.04-	112072	14 120		04.04-	112818	12 1.4
		04.04-	113272	14 140				
V70 2.5 Turbo AWD	[B5254T2]	09.02-	112072	14 120		09.02-	112818	12 1.4
		09.02-	113272	14 140				
V70 2.5 Turbo R AWD	[B5254T4]	03.03-	112072	14 120		03.03-	112818	12 1.4
		03.03-	113272	14 140				
V70 2.5 TDi	[D5252T]	01.97-	111828	14 120				
		01.97-	111894	14 115				
		01.97- 03.00	113272	14 140				
V70 3.0 T6 AWD	[B6304T2]					08.07-	114746	12 1.4
	[B6304T4]					04.11-	114746	12 1.4
V70 3.2	[B6324S]					08.07-	114746	12 1.4
	[B6324S5]					05.11-	114746	12 1.4
V70 3.2 AWD	[B6324S5]					05.11-	114746	12 1.4
V90 2.9	[B6304G]	01.97-	112557	14 120				



	[B6304S2]	01.97-	112557	14	120						
XC60 2.0 T5	[B4204T7]					09.10-	113906	12	1.2		
XC60 2.0 Turbo	[B4204T6]					03.10-	113906	12	1.2		
XC60 2.0	[D5204T7]					04.12-	113303	12	2.2		
XC60 2.4 Diesel D5 AWD	[D5244T11]					06.11-	113303	12	2.2		
	[D5244T15]					06.11-	113303	12	2.2		
XC60 3.0	[B6304T2]					05.08-	114746	12	1.4		
XC60 3.0 T6 4x4	[B6304T4]					03.10-	114746	12	1.4		
XC60 3.2 4x4	[B6324S5]					03.10-	114746	12	1.4		
XC60 3.2 AWD	[B6324S]					07.09-	114746	12	1.4		
XC70 2.4 Turbo AWD	[B5244T3]	09.00-	112072	14	120	09.00-	112818	12	1.4		
		09.00-	113272	14	140						
		AT 09.00-	112078	14	120						
XC70 2.4 Diesel AWD	[D5244T]	09.02-	113272	14	140						
XC70 2.4 Diesel D5 AWD	[D5244T11]					06.11-	113303	12	2.2		
	[D5244T15]					06.11-	113303	12	2.2		
	[D5244T4]	05.05-	113272	14	140						
XC70 2.5 Turbo AWD	[B5254T2]	09.02-	113272	14	140 ▲	09.02-	112818	12	1.4		
XC70 3.0 AWD	[B6304T2]					01.08-	114746	12	1.4		
XC70 3.0 T6 AWD	[B6304T4]					01.10-	114746	12	1.4		
XC70 3.2	[B6324S5]					08.07-	114746	12	1.4		
XC70 3.2 AWD	[B6324S]					08.07-	114746	12	1.4		
	[B6324S5]					08.07-	114746	12	1.4		
XC90 2.4 Diesel	[D5244T]	10.02-	113272	14	140	10.02-	113303	12	2.2		
XC90 2.4 Diesel D5	[D5244T18]					01.11-	113303	12	2.2		
XC90 2.5 Turbo	[B5254T2]	AC 10.02-	113272	14	140	10.02-	112818	12	1.4		
XC90 3.0 Turbo	[B6294T]	10.02-	113272	14	140 ▲	10.02-	113749#	12	1.7		
XC90 3.2	[B6324S]					05.06-	114746	12	1.4		
	[B6324S5]					04.10-	114746	12	1.4		
<b>PASSENGER CARS US</b>											
122 1.8 S	[B18]					01.68- 01.68	111054	12	1.1		
						01.62- 01.67	111054	12	1.1		
142 1.8 S	[B18]					01.68- 01.68	111054	12	1.1		
142 2.0	[B20B]					01.70- 01.71	111054	12	1.1		
	[B20E]					01.72- 01.74	111054	12	1.1		
142 2.0 E	[B20B]					01.71- 01.71	111054	12	1.1		
142 2.0 GL	[B20E]					01.74- 01.74	111054	12	1.1		
142 2.0 S	[B20B]					01.69- 01.69	111054	12	1.1		
144 1.8 S	[B18]					01.68- 01.68	111054	12	1.1		
						01.67- 01.67	111054	12	1.1		
144 2.0	[B20B]					01.70- 01.71	111054	12	1.1		
	[B20E]					01.72- 01.74	111054	12	1.1		
144 2.0 GL	[B20E]					01.74- 01.74	111054	12	1.1		
144 2.0 S	[B20B]					01.69- 01.69	111054	12	1.1		
145 1.8 S	[B18]					01.68- 01.68	111054	12	1.1		
145 2.0	[B20B]					01.70- 01.71	111054	12	1.1		
	[B20E]					01.72- 01.74	111054	12	1.1		
145 2.0 S	[B20B]					01.69- 01.69	111054	12	1.1		
164 3.0	[B30A]					01.70- 01.71	111054	12	1.1		
	[B30E]					01.72- 01.75	111054	12	1.1		
164 3.0 E	[B30E]					01.73- 01.74	111054	12	1.1		
240 2.3	[B230F]	01.90- 01.93	112746	14	80	01.90- 01.93	111489	12	1.4		
240 2.3 DL	[B230F]	01.90- 01.90	112746	14	80	01.90- 01.90	111489	12	1.4		
240 2.3 GL	[B230F]	01.92- 01.92	112746	14	80	01.92- 01.92	111489	12	1.4		
240 2.3 SE	[B230F]	01.91- 01.91	112746	14	80	01.91- 01.91	111489	12	1.4		
242 2.0 GL	[B20E]					01.75- 01.75	111054	12	1.1		
242 2.1	[B21F]					01.76- 01.79	111054	12	1.1		
		01.81- 01.81	111085	14	55	01.81- 01.81	111054	12	1.1		
242 2.1 DL	[B21F]	01.80- 01.82	111085	14	55	01.80- 01.82	111054	12	1.1		
		01.83- 01.83	111085	14	55	01.83- 01.83	111054	12	1.1		
242 2.1 GL	[B21F]	01.81- 01.81	111085	14	55	01.81- 01.81	111054	12	1.1		
242 2.1 GLT		01.82- 01.82	111085	14	55	01.82- 01.82	111054	12	1.1		
242 2.1 Turbo	[B21FT]	01.81- 01.81	111085	14	55	01.81- 01.81	111054	12	1.1		
242 2.1 Turbo GLT	[B21FT]	01.81- 01.84	111085	14	55	01.81- 01.84	111054	12	1.1		
242 2.3 DL	[B23F]	01.83- 01.84	111085	14	55	01.83- 01.84	111054	12	1.1		
242 2.3 GLT		01.82- 01.83	111085	14	55	01.83- 01.83	111054	12	1.1		
244 2.0 GL	[B20E]					01.75- 01.75	111054	12	1.1		
244 2.1	[B21F]					01.76- 01.78	111054	12	1.1		
		01.81- 01.81	111085	14	55	01.81- 01.81	111054	12	1.1		
244 2.1 DL	[B21F]	01.79- 01.82	111085	14	55	01.79- 01.82	111054	12	1.1		
		01.83- 01.84	111085	14	55	01.83- 01.84	111054	12	1.1		
244 2.1 GL	[B21F]	01.82- 01.82	111085	14	55	01.82- 01.82	111054	12	1.1		
244 2.1 Turbo GLT	[B21FT]	01.82- 01.84	111085	14	55	01.82- 01.84	111054	12	1.1		
244 2.3 DL	[B230F]	01.85- 01.89	112746	14	80	01.85- 01.89	111489	12	1.4		
		01.85- 01.89	111054	12	1.1	01.85- 01.89	111054	12	1.1		
	[B23F]	01.83- 01.84	111085	14	55	01.83- 01.84	111054	12	1.1		
244 2.3 GL	[B230F]	01.85- 01.89	112746	14	80	01.85- 01.89	111489	12	1.4		
		01.85- 01.89	111054	12	1.1	01.85- 01.89	111054	12	1.1		
	[B23F]	01.84- 01.84	111085	14	55	01.84- 01.84	111054	12	1.1		
		01.82- 01.83	111085	14	55	01.83- 01.83	111054	12	1.1		
244 2.3 GLT		01.82-	111085	14	55						
244 2.4 DL	[D24]	01.82- 01.84	110881	14	55	01.82- 01.84	111120	12	2.2		
244 2.4 GL	[D24]	01.82- 01.84	110881	14	55	01.82- 01.84	111120	12	2.2		
245 2.0	[B20E]					01.75- 01.75	111054	12	1.1		
245 2.1	[B21F]					01.76- 01.78	111054	12	1.1		
		01.81- 01.81	111085	14	55	01.81- 01.81	111054	12	1.1		
245 2.1 DL	[B21F]	01.79- 01.82	111085	14	55	01.79- 01.82	111054	12	1.1		
		01.83- 01.84	111085	14	55	01.83- 01.84	111054	12	1.1		
245 2.1 GL	[B21F]	01.82- 01.82	111085	14	55	01.82- 01.82	111054	12	1.1		

## STARTERS &amp; ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

VOLVO Continued

245 2.1 Turbo	[B21FT]	01.85- 01.85	111085	14 55	01.85- 01.85	111054	12 1.1
245 2.1 Turbo GLT	[B21FT]	01.81- 01.84	111085	14 55	01.81- 01.84	111054	12 1.1
245 2.3	[B230F]	01.85- 01.85	112746	14 80	01.85- 01.85	111054	12 1.1
					01.85- 01.85	111489	12 1.4
	[B23F]	01.84- 01.84	111085	14 55	01.84- 01.84	111054	12 1.1
245 2.3 DL	[B230F]	01.86- 01.89	112746	14 80	01.86- 01.89	111054	12 1.1
					01.86- 01.89	111489	12 1.4
	[B23F]	01.83- 01.83	111085	14 55	01.83- 01.83	111054	12 1.1
245 2.3 GL	[B230F]	01.86- 01.89	112746	14 80	01.86- 01.89	111054	12 1.1
					01.86- 01.89	111489	12 1.4
	[B23F]	01.83- 01.83	111085	14 55	01.83- 01.83	111054	12 1.1
		01.82-	111085	14 55			
245 2.4	[D24]	01.84- 01.84	110881	14 55	01.84- 01.84	111120	12 2.2
245 2.4 DL	[D24]	01.82- 01.82	110881	14 55	01.82- 01.82	111120	12 2.2
245 2.4 GL	[D24]	01.83- 01.83	110881	14 55	01.83- 01.83	111120	12 2.2
264 2.4 GL	[D24]				01.80- 01.81	110368	12 2.3
264 2.4 GLE	[D24]				01.80- 01.80	110368	12 2.3
265 2.4 GLE	[D24]				01.80- 01.80	110368	12 2.3
544 1.8					01.62- 01.65	111054	12 1.1
740 2.3	[B230F]	01.90- 01.92	112746	14 80	01.90- 01.92	111489	12 1.4
740 2.3 GL	[B230F]	01.89- 01.90	112746	14 80	01.89- 01.90	111489	12 1.4
740 2.3 GLE	[B230F]	01.87- 01.89	112746	14 80	01.87- 01.89	111489	12 1.4
					01.85- 01.86	111054	12 1.1
	[B234F]				01.90- 01.90	111489	12 1.4
740 2.3 Turbo	[B230FT]				01.89- 01.92	111489	12 1.4
740 2.3 Turbo GLE	[B230FT]				01.86- 01.88	111489	12 1.4
740 2.3 Turbo SE	[B230FT]				01.91- 01.91	111489	12 1.4
740 2.4 Turbo GLE	[D24T]	01.86- 01.86	110881	14 55	01.86- 01.86	111120	12 2.2
745 2.3 GLE	[B230F]				01.85- 01.85	111054	12 1.1
745 2.3 Turbo GLE	[B230FT]				01.85- 01.85	111054	12 1.1
745 2.4 Turbo GLE	[D24T]	01.85- 01.85	110881	14 55	01.85- 01.85	111120	12 2.2
760 2.3 Turbo	[B230FT]	01.89- 01.90	112746	14 80	01.89- 01.90	111489	12 1.4
					01.85- 01.85	111054	12 1.1
760 2.3 Turbo GLE	[B230FT]	01.88- 01.88	112746	14 80	01.88- 01.88	111489	12 1.4
					01.85- 01.87	111054	12 1.1
	[B23FT]				01.84- 01.84	111054	12 1.1
760 2.4 GLE	[D24]	01.83- 01.84	110881	14 55	01.83- 01.84	111120	12 2.2
760 2.4 Turbo GLE	[D24T]	01.83- 01.85	110881	14 55	01.83- 01.85	111120	12 2.2
780 2.3 Turbo	[B230FT]				01.89- 01.90	111489	12 1.4
850 2.3 Turbo	[B5234FT]				01.94- 01.94	112818	12 1.4
					01.95- 01.96	112818	12 1.4
					01.97- 01.97	112818	12 1.4
850 2.4	[B5254FS]				01.93- 01.94	112818	12 1.4
850 2.4 GLT	[B5254FS]				01.95- 01.96	112818	12 1.4
940 2.3	[B230FD]	01.94- 01.95	112746	14 80	01.94- 01.95	111489	12 1.4
940 2.3 GLE	[B230F]				01.91- 01.91	111489	12 1.4
940 2.3 Turbo	[B230FT]				01.91- 01.95	111489	12 1.4
					01.92- 01.92	111489	12 1.4
940 2.3 Turbo SE	[B230FT]				01.91- 01.91	111489	12 1.4
960 2.9	[B6304F]	01.92- 01.97	112557	14 120			
1800 1.8	[B18B]				01.67- 01.67	111054	12 1.1
					01.62- 01.65	111054	12 1.1
1800 1.8 S	[B18]				01.68- 01.68	111054	12 1.1
1800 2.0 E	[B20E]				01.70- 01.72	111054	12 1.1
1800 2.0 ES	[B20E]				01.72- 01.73	111054	12 1.1
1800 2.0 S	[B20B]				01.69- 01.69	111054	12 1.1
C70 2.3 Turbo	[B5234T3]	01.00- 01.03	112072	14 120	01.02- 01.03	112818	12 1.4
C70 2.4 Turbo	[B5244T]	01.02- 01.02	112072	14 120	01.02- 01.02	112818	12 1.4
	[B5244T3]	01.03-	112072	14 120			
DL 2.1	[B21A]	01.84- 01.84	111085	14 55	01.84- 01.84	111054	12 1.1
GLE 2.3	[B23F-LH]	01.84- 01.84	111085	14 55	01.84- 01.84	111054	12 1.1
S60 2.3 Turbo	[B5234FT]	01.01- 01.01	112072	14 120			
		01.01- 01.01	112078	14 120			
S60 2.3 Turbo T5	[B5234T3]	01.02- 01.03	112072	14 120	01.02- 01.03	112818	12 1.4
		01.02- 01.03	112078	14 120			
S60 2.4	[B5244S]	01.01-	112072	14 120	01.02- 01.03	112818	12 1.4
		01.01-	112078	14 120			
S60 2.4 Turbo	[B5244T3]	01.01-	112072	14 120	01.02- 01.02	112818	12 1.4
		01.01-	112078	14 120			
S70 2.4	[B5254FS]	01.99- 01.00	112072	14 120			
S70 2.4 Turbo		01.99- 01.00	112072	14 120			
S80 2.8 Turbo	[B6284T]	01.99- 01.03	112078	14 120	01.99- 07.01	113749#	12 1.7
S80 2.9	[B6294S]	01.00-	112078	14 120	01.00- 07.01	113749#	12 1.7
	[B6304S3]	01.99-	112078	14 120	01.99- 07.99	113749#	12 1.7
V70 2.3 Turbo	[B5234FT]	01.99- 01.01	112072	14 120			
	[B5234T3]	01.01-	112072	14 120			
V70 2.3 Turbo T5	[B5234T3]	01.02- 01.03	112072	14 120	01.02- 01.03	112818	12 1.4
V70 2.4	[B5244S]	01.01- 01.03	112072	14 120	01.02- 01.03	112818	12 1.4
		01.01- 01.03	112078	14 120			
	[B5254FS]	01.99- 01.00	112072	14 120			
V70 2.4 Turbo	[B5234T3]	01.99-	112072	14 120			
	[B5244T2]	01.00-	112072	14 120			
	[B5244T3]	01.01- 01.02	112072	14 120	01.02- 01.02	112818	12 1.4
		01.01- 01.02	112078	14 120			
	[B5254T]	01.99-	112072	14 120			
V70 2.4 Turbo X/C	[B5244T3]	01.02- 01.02	112072	14 120	01.02- 01.02	112818	12 1.4
		01.02- 01.02	112078	14 120			
V70 2.4 Turbo X/C AWD	[B5244T3]	01.01-	112072	14 120			
		01.01-	112078	14 120			



	[B5254T]	01.99-	112072	14	120				
<b>PASSENGER CARS AO</b>									
740 2.0 GLE	[B19E]					08.83-	07.84	111054	12 1.1
740 2.0 Turbo	[B200ET]	05.85-	07.86	111085	14 55	08.85-	07.92	111489	12 1.4
740 2.3 Turbo	[B230FT]					09.89-	08.91	111489	12 1.4
760 2.3 Turbo	[B230FT]					09.87-	08.90	111489	12 1.4
850 2.0 Turbo	[B5204T2]	01.91-	08.97	112557	14 120	09.93-	07.97	112818	12 1.4
850 2.3 T5 R	[B5234T2]					04.96-	10.96	112818	12 1.4
850 2.3 T5R	[B5234T2]					04.96-	10.96	112818	12 1.4
850 2.3 Turbo R	[B5234T5]	06.95-	10.97	112557	14 120	06.95-	10.97	112818	12 1.4
850 2.4 GLE	[B5254T]	09.96-	07.97	112557	14 120	09.93-	10.97	112818	12 1.4
940 2.0	[B200G]					09.90-	09.93	111489	12 1.4
940 2.0 GL	[B204E]					09.90-	04.92	111489	12 1.4
940 2.3	[B230GK]					10.94-	05.97	111489	12 1.4
960 2.0	[B200F]	09.91-	08.97	112815#	14 80				
960 2.3 Turbo	[B230FT]					09.90-	08.93	111489	12 1.4
S 60 2.4 AWD	[B5244T5]	04.04-	07.04	113272	14 140				
S40 1.8						06.01-	08.03	113605	12 1.1
						06.01-	08.03	112080	12 1.4
S40 2.0	[B4204S3]					03.06-		113906	12 1.2
S60 2.3 T5	[B5234T7]	11.00-	09.02	112072	14 120				
		11.00-	09.02	113272	14 140				
S70 2.3 T5 GLT AWD	[B5234T3]	08.98-	07.00	112072	14 120				
S70 2.3 T5 R AWD	[B5234T2]	08.98-	07.00	112072	14 120				
S70 2.4 T5 Sport AWD	[B5254T]	08.98-	04.99	112072	14 120				
S80 2.0 TDi	[D4204T]					02.08-		113911	12 2.2
S80 2.4 LTP	[B5244T4]	06.04-	07.06	112072	14 120	06.04-	07.06	112818	12 1.4
		06.04-	07.06	112078	14 120				
		06.04-	07.06	113272	14 140				
V70 2.4		03.00-	09.03	112072	14 120				
		03.00-	09.03	113272	14 140				
V70 2.5 R Sport	[B5254T4]	03.03-	07.04	112072	14 120				
		03.03-	07.07	113272	14 140				
<b>TRUCKS EU</b>									
8700 12.1	[DH12D340]	01.99-		114212	28 110	A10 01.99-		114872	24 5.5 MI
		11.99-		115488	28 110 A49				
	[DH12D380]	01.99-		114212	28 110	A10 01.99-		114872	24 5.5 MI
		11.99-		115488	28 110 A49				
	[DH12E340]	01.99-		114212	28 110	A10 01.99-		114872	24 5.5 MI
		11.99-		115488	28 110 A49				
	[DH12E380]	01.99-		114212	28 110	A10 01.99-		114872	24 5.5 MI
		11.99-		115488	28 110 A49				
9700 12.1	[DH12D340]	04.01-		111746	28 80	04.01-		113830	24 5.5
		04.01-		112343	28 140	A10 04.01-		114872	24 5.5 MI
		04.01-		115488	28 110 A49				
		10.01-		114212	28 110				
	[DH12D380]	04.01-		114212	28 110	A10 04.01-		114872	24 5.5 MI
		10.01-		111746	28 80	10.01-		113830	24 5.5
		10.01-		112343	28 140				
		10.01-		115488	28 110 A49				
	[DH12D420]	04.01-		114212	28 110	A10 04.01-		114872	24 5.5 MI
		10.01-		111746	28 80				
		10.01-		112343	28 140				
		10.01-		115488	28 110 A49				
	[DH12E460]	10.07-		114212	28 110				
9900 12.1	[DH12D420]	10.01-		114212	28 110	A10 10.01-		114872	24 5.5 MI
B 10M	[TD102]	01.82-	01.93	111808#	28 120				
B 12 12.0	[TD122FH]	01.92-	10.95	111658	28 55 PR	01.92-	10.95	110207	24 5.4
		01.92-	10.95	112345	28 55				
		01.92-	10.95	112784	28 45				
		01.92-	10.95	112803	28 80				
	[TD122FL]	01.92-	10.95	111658	28 55 PR	01.92-	10.95	110207	24 5.4
		01.92-	10.95	112345	28 55				
		01.92-	10.95	112784	28 45				
		01.92-	10.95	112803	28 80				
	[TD123ES]	01.92-	10.95	111658	28 55 PR	01.92-	10.95	110207	24 5.4
		01.92-	10.95	112345	28 55				
		01.92-	10.95	112803	28 80				
B 12 12.1	[D12A420]	10.95-		111631	28 55				
	[D12C420]	02.06-		114212	28 110	A10 02.06-		114872	24 5.5 MI
		02.06-		115488	28 110 A49				
	[D12D420]	02.06-		114212	28 110	A10 02.06-		114872	24 5.5 MI
		02.06-		115488	28 110 A49				
	[DH12D340]	02.06-		114212	28 110	A10 02.06-		114872	24 5.5 MI
		02.06-		115488	28 110 A49				
	[DH12E340]	02.06-		114212	28 110	A10 02.06-		114872	24 5.5 MI
		02.06-		115488	28 110 A49				
	[DH12E380]	02.06-		114212	28 110	A10 02.06-		114872	24 5.5 MI
		02.06-		115488	28 110 A49				
	[DH12E420]	02.06-		114212	28 110	A10 02.06-		114872	24 5.5 MI
		02.06-		115488	28 110 A49				
	[DH12E460]	02.06-		114212	28 110	A10 02.06-		114872	24 5.5 MI
		02.06-		115488	28 110 A49				
B10M 9.6	[THD100DA]							110208	24 5.4
	[THD100DC]							110208	24 5.4
	[THD100DD]							110208	24 5.4
	[THD100EA]							110208	24 5.4

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



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F 10/260 9.6	[TD100G]	02.82- 06.85	110112	28 40	02.82- 06.85	110207	24	5.4
		02.82- 06.85	111528	28 55 DR				
		02.82- 06.85	112742	14 90				
		11.83- 06.85	113477	28 55 PR				
	[TD100GA]	02.82- 06.85	110112	28 40				
		02.82- 06.85	111528	28 55 DR				
		02.82- 06.85	112742	14 90				
		11.83- 06.85	113477	28 55 PR				
	[TD101G]	02.82- 06.85	110112	28 40	02.82- 06.85	110207	24	5.4
		02.82- 06.85	111528	28 55 DR				
01.83- 06.85		113477	28 55 PR					
F 10/280 9.6	[TD100B]	08.77- 02.82	110112	28 40	08.77- 02.82	110205	24	6.5
F 10/300 9.6	[TD101F]	10.83- 12.86	110112	28 40	10.83- 05.88	110207	24	5.4
		10.83- 12.86	111528	28 55 DR				
		11.83- 01.86	113477	28 55 PR				
		02.86- 05.88	111658	28 55 PR				
		02.86- 05.88	112345	28 55 BO				
	02.86- 05.88	112784	28 45					
	[TD101FA]	10.83- 01.86	110112	28 40	10.83- 05.88	110207	24	5.4
		10.83- 12.86	111528	28 55 DR				
		11.83- 01.86	113477	28 55 PR				
		02.86- 05.88	111658	28 55 PR				
02.86- 05.88		112345	28 55 BO					
02.86- 05.88	112784	28 45						
F 10/320 9.6	[TD102F]	10.87- 12.94	111528	28 55 DR	10.87- 12.94	110207	24	5.4
		10.87- 12.94	111658	28 55 PR				
		10.87- 12.94	112345	28 55 BO				
		10.87- 12.94	112784	28 45				
	[TD102FBQ]	10.87- 12.94	111528	28 55 DR	10.87- 12.94	110207	24	5.4
		10.87- 12.94	111658	28 55 PR				
		10.87- 12.94	112345	28 55 BO				
		10.87- 12.94	112784	28 45				
	[TD102FDQ]	10.87- 12.94	111528	28 55 DR	10.87- 12.94	110207	24	5.4
		10.87- 12.94	111658	28 55 PR				
10.87- 12.94		112345	28 55 BO					
10.87- 12.94		112784	28 45					
[TD102FF]	10.87- 12.94	111528	28 55 DR	10.87- 12.94	110207	24	5.4	
	10.87- 12.94	111658	28 55					
	10.87- 12.94	112345	28 55					
	10.87- 12.94	112784	28 45					
[TD102FL]	10.87- 12.94	111528	28 55 DR	10.87- 12.94	110207	24	5.4	
	10.87- 12.94	111658	28 55 PR					
	10.87- 12.94	112345	28 55 BO					
	10.87- 12.94	112784	28 45					
[TD102FM]	10.87- 12.94	111528	28 55 DR	10.87- 12.94	110207	24	5.4	
	10.87- 12.94	111658	28 55					
	10.87- 12.94	112345	28 55					
	10.87- 12.94	112784	28 45					
[TD103ES]	10.87- 12.94	111528	28 55 DR	10.87- 12.94	110207	24	5.4	
	08.91- 12.94	111658	28 55					
	08.91- 12.94	112345	28 55					
	08.91- 12.94	112784	28 45					
F 12/320 12.0	[TD120G]	08.77- 10.84	110112	28 40	08.77- 12.86	110205	24	6.5
		08.77- 12.86	111528	28 55 DR				
		11.83- 10.84	113477	28 55 PR				
	[TD121G]	08.77- 12.87	111528	28 55 DR	02.87- 05.88	110207	24	5.4
		10.83- 01.86	110112	28 40				
		11.83- 01.86	113477	28 55 PR				
		02.86- 05.88	111658	28 55 PR				
		02.86- 05.88	112345	28 55 BO				
	02.86- 05.88	112784	28 45					
	[TD121GD]	08.77- 12.86	111528	28 55 DR	08.77- 01.87	110205	24	6.5
10.83- 01.86		110112	28 40					
11.83- 12.94		113477	28 55 PR					
02.86- 12.94		111658	28 55 PR					
02.86- 12.94		112345	28 55 BO					
02.86- 12.94	112784	28 45						
05.88- 12.94	112803	28 80						
F 12/330 12.0	[TD120G]	08.77- 10.84	110112	28 40	08.77- 12.86	110205	24	6.5
		08.77- 12.86	111528	28 55 DR				
	[TD121G]	08.77- 12.86	111528	28 55 DR	08.77- 01.87	110205	24	6.5
		09.80- 01.86	110112	28 40				
		02.86- 05.88	112345	28 55				
		02.86- 05.88	112784	28 45				
	[TD121GD]	08.77- 12.86	111528	28 55 DR	08.77- 01.87	110205	24	6.5
		10.83- 01.86	110112	28 40				
		02.86- 12.94	112345	28 55				
		02.86- 12.94	112784	28 45				
05.88- 12.94		112803	28 80					
F 12/360 12.0	[TD122F]	10.87- 12.94	111658	28 55 PR	10.87- 12.94	110207	24	5.4
		10.87- 12.94	112345	28 55 BO				
		10.87- 12.94	112784	28 45				
		01.88- 12.94	111528	28 55 DR				
		01.88- 12.94	112803	28 80				
	[TD122FH]	01.88- 12.94	111528	28 55 DR	01.90- 12.94	110207	24	5.4
		01.90- 12.94	111658	28 55 PR				
		01.90- 12.94	112345	28 55 BO				
		01.90- 12.94	112784	28 45				
		01.90- 12.94	112803	28 80				



F 12/370 12.0	[TD121F]	08.77- 12.87	111528	28 55	DR	02.87- 05.88 10.83- 01.87	110207 110205	24 5.4 24 6.5
		10.83- 01.86	110112	28 40				
		11.83- 01.86	113477	28 55	PR			
		02.86- 05.88	111658	28 55	PR			
		02.86- 05.88	112345	28 55	BO			
		02.86- 05.88	112784	28 45				
F 12/400 12.0	[TD122FL]	01.88- 12.94	111528	28 55	DR	10.87- 12.94	110207	24 5.4
		01.88- 12.94	111658	28 55	PR			
		01.88- 12.94	112345	28 55	BO			
		01.88- 12.94	112784	28 45				
		01.88- 12.94	112803	28 80				
	[TD122FS]	10.87- 12.94	111658	28 55	PR	10.87- 12.94	110207	24 5.4
		10.87- 12.94	112345	28 55	BO			
		10.87- 12.94	112784	28 45				
		10.87- 12.94	112803	28 80				
		01.88- 12.94	111528	28 55	DR			
	[TD123ES]	01.88- 12.94	111528	28 55	DR	01.88- 12.94	110207	24 5.4
		01.88- 12.94	111658	28 55	PR			
		01.88- 12.94	112345	28 55	BO			
		01.88- 12.94	112784	28 45				
		01.88- 12.94	112803	28 80				
F 12/410 12.0	[TD122FL]	01.88- 12.94	111528	28 55	DR	01.88- 12.94	110207	24 5.4
		01.88- 09.01	111658	28 55	PR			
		10.89- 09.01	112345	28 55				
		10.89- 09.01	112784	28 45				
		10.89- 09.01	112803	28 80				
	[TD122FS]	11.87- 09.01	111658	28 55	PR	11.87- 12.94	110207	24 5.4
		11.87- 09.01	112345	28 55				
		11.87- 09.01	112784	28 45				
		11.87- 09.01	112803	28 80				
		01.88- 12.94	111528	28 55	DR			
	[TD123ES]	01.88- 12.94	111528	28 55	DR	01.88- 12.94	110207	24 5.4
		01.92- 12.94	111658	28 55				
		01.92- 12.94	112345	28 55				
		01.92- 12.94	112784	28 45				
		01.92- 12.94	112803	28 80				
F 16/470 16.1	[TD162F]	01.88- 12.89	111528	28 55	DR	01.88- 12.94	110999	24
		01.88- 12.94	111658	28 55	PR			
		01.88- 12.94	112345	28 55	BO			
		01.88- 12.94	112784	28 45	BO			
		01.88- 12.94	112803	28 80				
	[TD162FJ]	01.88- 12.89	111528	28 55	DR	01.88- 12.94	110999	24
		01.88- 12.94	111658	28 55	PR			
		01.88- 12.94	112345	28 55	BO			
		01.88- 12.94	112784	28 45	BO			
		01.88- 12.94	112803	28 80				
	[TD162FL]	01.88- 12.89	111528	28 55	DR	01.88- 12.94	110999	24
		01.88- 12.94	111658	28 55	PR			
		01.88- 12.94	112345	28 55	BO			
		01.88- 12.94	112784	28 45	BO			
		01.88- 12.94	112803	28 80				
	[TD162FS]	01.88- 12.89	111528	28 55	DR	01.88- 12.94	110999	24
		01.88- 12.94	111658	28 55	PR			
		01.88- 12.94	112345	28 55	BO			
01.88- 12.94		112784	28 45	BO				
01.88- 12.94		112803	28 80					
F 16/485 16.1	[TD162F]	10.87- 12.94	111658	28 55	PR	10.87- 12.94	110999	24
		10.87- 12.94	112345	28 55	BO			
		10.87- 12.94	112784	28 45				
		10.87- 12.94	112803	28 80				
		01.90- 12.92	111528	28 55	DR			
	[TD162FJ]	10.87- 12.94	111658	28 55	PR	10.87- 12.94	110999	24
		10.87- 12.94	112345	28 55	BO			
		10.87- 12.94	112784	28 45				
		10.87- 12.94	112803	28 80				
		01.90- 12.92	111528	28 55	DR			
	[TD162FL]	10.87- 12.94	111658	28 55	PR	10.87- 12.94	110999	24
		10.87- 12.94	112345	28 55	BO			
		10.87- 12.94	112784	28 45				
		10.87- 12.94	112803	28 80				
		01.90- 12.92	111528	28 55	DR			
[TD162FS]	10.87- 12.94	111658	28 55	PR	10.87- 12.94	110999	24	
	10.87- 12.94	112345	28 55	BO				
	10.87- 12.94	112784	28 45					
	10.87- 12.94	112803	28 80					
	01.90- 12.92	111528	28 55	DR				
F 16/500 16.1	[TD163ES]	01.92- 12.94	112803	28 80		01.92- 12.94	110999	24
F 406 3.9	[D39B]	09.75- 02.86	112742	14 90		09.75- 02.86	111793	12 3.0
F 408 3.6	[TD40A]	04.78- 02.86	112742	14 90		04.78- 02.86	111047	12 3.1
F 609 5.5	[D60A]					03.75- 01.80	110519	12 3.0
F 610 5.5	[TD60C]	02.80- 10.86	111528	28 55	DR	11.80- 02.86 02.80- 10.86 02.80- 10.86	111638 114047 110519	24 4.0 24 4.0 12 3.0
		02.80- 10.80	112742	14 90				
		11.80- 01.86	110112	28 40				
		11.80- 01.86	113477	28 55	PR			
		02.86- 10.86	111658	28 55	PR			
		02.86- 10.86	112345	28 55	BO			
		02.86- 10.86	112784	28 45				
F 611 5.5	[D60A]					09.75- 01.80	110519	12 3.0



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	[TD60C]	02.80- 02.86	111528	28 55	DR	11.80- 02.86	111638	24 4.0
		02.80- 10.80	112742	14 90		02.80- 10.80	110519	12 3.0
		11.80- 02.86	110112	28 40		02.80- 02.86	114047	24 4.0
		11.80- 02.86	112345	28 55				
		11.80- 02.86	113477	28 55	PR			
		01.86- 02.86	111658	28 55				
		01.86- 02.86	112784	28 45				
F 612 5.5	[TD60C]	11.80- 02.86	112345	28 55		04.83- 02.86	111638	24 4.0
		04.83- 02.86	110112	28 40		04.83- 02.86	114047	24 4.0
		04.83- 02.86	111528	28 55	DR			
		01.86- 02.86	111658	28 55				
		01.86- 02.86	112874#	14 140				
F 613 5.5	[TD60A]	09.75- 02.86	111528	28 55	DR	09.75- 11.78	110519	12 3.0
		11.80-	111658	28 55	PR	09.75- 02.86	111638	24 4.0
		11.80-	112345	28 55				
		02.86-	112784	28 45				
	[TD60B]	09.75- 02.86	111528	28 55	DR	03.79- 02.86	111638	24 4.0
		03.80- 10.80	112742	14 90		12.78- 02.86	110519	12 3.0
		11.80- 02.86	110112	28 40		09.75- 02.86	114047	24 4.0
		11.80- 02.86	112345	28 55				
		11.80- 02.86	113477	28 55	PR			
		01.86- 02.86	111658	28 55				
		01.86- 02.86	112784	28 45				
F 614 5.5	[TD60A]	09.75- 02.86	111528	28 55	DR	09.75- 02.86	111638	24 4.0
		11.80-	111658	28 55	PR			
		11.80-	112345	28 55				
		02.86-	112784	28 45				
	[TD60B]	09.75- 02.86	111528	28 55	DR	09.75- 02.86	114047	24 4.0
		11.80-	111658	28 55	PR	12.78- 02.86	110519	12 3.0
		11.80-	112345	28 55		09.75- 02.86	111638	24 4.0
		02.86-	112784	28 45				
F 615 S 5.5	[TD60B]	12.78- 10.81	112742	14 90		12.78- 10.81	110519	12 3.0
		03.79- 01.86	111528	28 55				
		01.86- 02.86	111658	28 55				
		01.86- 02.86	112784	28 45				
F 616 5.5	[TD60B]	02.81- 02.86	110112	28 40		02.81- 02.86	111638	24 4.0
		02.81- 02.86	111528	28 55	DR	02.81- 02.86	114047	24 4.0
		02.81- 02.86	113477	28 55	PR			
F 617 S 5.5	[TD60B]	12.78- 02.86	112742	14 90		12.78- 02.86	110519	12 3.0
		03.79- 01.86	111528	28 55				
		09.81- 02.86	112345	28 55				
		01.86- 02.86	111658	28 55				
		01.86- 02.86	112784	28 45				
F 7 6.7	[TD70F]	08.78- 01.86	110112	28 40		08.78- 05.88	111638	24 4.0
		08.78- 12.85	111528	28 55	DR	08.78- 12.85	114047	24 4.0
		08.78- 05.88	112742	14 90				
		08.78- 01.86	113477	28 55	PR			
		02.86- 05.88	111658	28 55	PR			
		02.86- 05.88	112345	28 55	BO			
		02.86- 05.88	112784	28 45				
	[TD70FS]	11.83- 12.85	112345	28 55		08.78- 12.85	111638	24 4.0
						08.78- 12.85	114047	24 4.0
	[TD70G]	11.83- 12.85	112345	28 55		08.78- 12.85	111638	24 4.0
						08.78- 12.85	114047	24 4.0
F 88/260 9.6	[TD100A]	08.65- 06.77	112742	14 90				
F 89 12.0	[TD120A]	10.70- 06.77	112742	14 90				
F 89/330 12.0	[TD120A]	10.70- 06.77	112742	14 90				
FE 240-18 7.1	[D7E240]					05.06-	114323	24 5.0
FE 240-22 7.1	[D7E240]					05.06-	114323	24 5.0
FE 240-26 7.1	[D7E240]					05.06-	114323	24 5.0
FH 12/340 12.1	[D12A340]	08.93-	111631	28 55		08.93-	112116	24 6.6
		08.93-	111746	28 80				
	[D12C340]	08.98-	111631	28 55		08.98-	112116	24 6.6
		08.98-	111746	28 80				
	[D12D340]	12.01-	111631	28 55		12.01-	112116	24 6.6
		12.01- 08.06	115488	28 110	A49	A10 08.93-	114872	24 5.5 MI
		08.93-	114212	28 110		08.93-	113830	24 5.5
	Chas. -A557642,B330019	12.01-	111746	28 80				
FH 12/380 12.1	[D12A380]	08.93-	111631	28 55		08.93-	112116	24 6.6
		08.93-	111746	28 80				
	[D12C380]	08.98-	111631	28 55		08.98-	112116	24 6.6
		08.98-	111746	28 80				
	[D12D380]	12.01-	111631	28 55		12.01-	112116	24 6.6
		12.01- 08.06	115488	28 110	A49	A10 08.93-	114872	24 5.5 MI
		08.93-	114212	28 110		08.93-	113830	24 5.5
	Chas. -A557642,B330019	12.01-	111746	28 80				
FH 12/420 12.1	[D12A340]	08.93-	111631	28 55		08.93-	112116	24 6.6
		08.93-	111746	28 80				
	[D12A420]	08.93-	111631	28 55		08.93-	112116	24 6.6
		08.93-	111746	28 80				
	[D12C420]	08.98-	111631	28 55		08.98-	112116	24 6.6
		08.98-	111746	28 80				
	[D12D340]	12.01-	111631	28 55		12.01-	112116	24 6.6
		12.01- 08.06	115488	28 110	A49	A10 08.93-	114872	24 5.5 MI
		08.93-	114212	28 110		08.93-	113830	24 5.5
	Chas. -A557642,B330019	12.01-	111746	28 80				



	[D12D420]	12.01- 12.01- 08.06 08.93- 12.01- Chas. -A557642,B330019	111631 115488 114212 111746	28 55 28 110 A49 28 110 28 80	12.01- A10 08.93- 08.93-	112116 114872 113830	24 6.6 24 5.5 MI 24 5.5
FH 12/460 12.1	[D12C460]	08.98- 08.98-	111631 111746	28 55 28 80	08.98-	112116	24 6.6
	[D12D460]	12.01- 12.01- 08.06 08.98- 12.01- Chas. -A557642,B330019	111631 115488 114212 111746	28 55 28 110 A49 28 110 28 80	08.98- A10 08.98-	113830 114872	24 5.5 24 5.5 MI
FH 12/500 12.1	[D12D500]	09.01- 09.01- 09.01- 09.01- 08.06	111631 111746 114212 115488	28 55 28 80 28 110 28 110 A49	09.01- 09.01- A10 09.01-	112116 113830 114872	24 6.6 24 5.5 24 5.5 MI
FH 16/470 16.1	[D16A470]	08.93- 12.99 08.93- 12.99	111631 111746	28 55 28 80			
FH 16/520 16.1	[D16A520]	08.93- 08.93-	111631 111746	28 55 28 80			
	[D16B520]	08.98- 08.98-	111631 111746	28 55 28 80			
FH 16/540 16.1	[D16C550]				08.07-	114310	24 7.0
	[D16G540]	08.07- 08.07- 08.07-	111631 111746 114212	28 55 28 80 28 110	08.07-	114310	24 7.0
FH 16/550 16.1	[D16C550]				01.03-	114310	24 7.0
	[D16G540]	08.07- 08.07- 08.07-	111631 111746 114212	28 55 28 80 28 110	08.07-	114310	24 7.0
FH 16/580 16.1	[D16E580]	01.09- 01.09- 01.09- 01.09-	111631 111746 114212 115494	28 55 28 80 28 110 28 120 A49	09.06-	114310	24 7.0
FH 16/600 16.1	[D16G600]	09.06- 09.06- 09.06-	111631 111746 114212	28 55 28 80 28 110	09.06-	114310	24 7.0
FH 16/610 16.1	[D16C610]				01.03-	114310	24 7.0
FH 16/660 16.1	[D16E660]	01.07-	111631	28 55	09.06-	114310	24 7.0
FH 16/700 16.1	[D16G700]	09.06- 09.06- 09.06-	111631 111746 114212	28 55 28 80 28 110	09.06-	114310	24 7.0
FH 400 12.8	[D13A400]	09.05- 09.05-	114212 115488	28 110 28 110 A49	A10 09.05-	114872	24 5.5 MI
	[D13B400]	09.05- 09.05-	114212 115488	28 110 28 110 A49	A10 09.05-	114872	24 5.5 MI
FH 420 12.8	[D13C420]	01.09- 01.09-	114212 115488	28 110 28 110 A49	A10 01.09-	114872	24 5.5 MI
FH 440 12.8	[D13A440]	09.05- 09.05-	114212 115488	28 110 28 110 A49	A10 09.05-	114872	24 5.5 MI
	[D13B440]	09.05- 09.05-	114212 115488	28 110 28 110 A49	A10 09.05-	114872	24 5.5 MI
	[D13H440]	09.05-	115488	28 110 A49			
FH 460 12.8	[D13C460]	01.09- 01.09-	114212 115488	28 110 28 110 A49	A10 01.09-	114872	24 5.5 MI
FH 480 12.8	[D13A480]	09.05- 09.05-	114212 115488	28 110 28 110 A49	A10 09.05-	114872	24 5.5 MI
FH 500 12.8	[D13B500]	09.07- 09.07-	114212 115488	28 110 28 110 A49	A10 09.07-	114872	24 5.5 MI
	[D13C500]	09.07- 09.07-	114212 115488	28 110 28 110 A49	A10 09.07-	114872	24 5.5 MI
FH 520 12.8	[D13A520]	09.05- 09.05-	114212 115488	28 110 28 110 A49	A10 09.05-	114872	24 5.5 MI
FH 540 12.8	[D13C540]	01.09- 01.09-	114212 115488	28 110 28 110 A49	A10 01.09-	114872	24 5.5 MI
FH 550 16.1	[D16C550]				09.05-	114310	24 7.0
FH 610 16.1	[D16C610]				09.05-	114310	24 7.0
FL 10/280 9.6	[TD101G]	09.85- 01.86 09.85- 12.90 09.85- 01.86 02.86- 12.93 02.86- 12.93 02.86- 12.93	110112 111528 113477 111658 112345 112784	28 40 28 55 DR 28 55 PR 28 55 PR 28 55 BO 28 45	09.85- 12.93	110207	24 5.4
FL 10/320 9.6	[D10A320]	02.95- 12.95-	111631 111746	28 55 28 80	12.95-	110207	24 5.4
FL 10/320 9.6	[D10A320]	02.95- 12.95-	111631 111746	28 55 28 80	12.95-	110207	24 5.4
FL 10/360 9.6	[D10A360]	02.95- 12.95-	111631 111746	28 55 28 80	12.95-	110207	24 5.4
FL 10H/320 9.6	[D10A320]	02.95- 12.95-	111631 111746	28 55 28 80	12.95-	110207	24 5.4
FL 10H/360 9.6	[D10A360]	02.95- 12.95-	111631 111746	28 55 28 80	12.95-	110207	24 5.4
FL 12/380 12.1	[D12A380]	09.95- 09.95-	111631 111746	28 55 28 80	09.95-	112116	24 6.6
FL 12/420 12.1	[D12A420]	09.95- 09.95-	111631 111746	28 55 28 80	09.95-	112116	24 6.6
FL 12H/380 12.1	[D12A380]	09.95- 09.95-	111631 111746	28 55 28 80	09.95-	112116	24 6.6
FL 12H/420 12.1	[D12A420]	09.95- 09.95-	111631 111746	28 55 28 80	09.95-	112116	24 6.6

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

VOLVO Continued

FL 180 5.5	[D6B]	05.00-	111658	28 55	PR	05.00-	111638	24 4.0
		05.00-	112345	28 55	BO	03.00-	114047	24 4.0
		05.00-	112784	28 45				
		05.00-	112803	28 80				
FL 220 5.5	[20NE]	05.00-	111658	28 55	PR	05.00-	111638	24 4.0
		05.00-	112345	28 55	BO	03.00-	114047	24 4.0
		05.00-	112784	28 45				
		05.00-	112803	28 80				
	[D6B]	05.00-	111658	28 55	PR	03.00-	114047	24 4.0
		05.00-	112345	28 55	BO	05.00-	111638	24 4.0
		05.00-	112784	28 45				
		05.00-	112803	28 80				
FL 240-12 7.1	[D7E240]				05.06-	114323	24 5.0	
FL 240-14 7.1	[D7E240]				06.09-	114323	24 5.0	
FL 240-15 7.1	[D7E240]				05.06-	114323	24 5.0	
FL 240-16 7.1	[D7E240]				05.06-	114323	24 5.0	
FL 240-18 7.1	[D7E240]				05.06-	114323	24 5.0	
FL 250 5.5	[D6B]	05.00-	111658	28 55	PR	03.00-	114047	24 4.0
		05.00-	112345	28 55	BO	05.00-	111638	24 4.0
		05.00-	112784	28 45				
		05.00-	112803	28 80				
		05.00-	112874#	14 140				
FL 408 3.6	[TD41G]	02.86- 10.89	111528	28 55	DR			
		02.86- 10.89	111658	28 55	PR			
		02.86- 10.89	112345	28 55	BO			
		02.86- 10.89	112784	28 45				
FL 608 5.5	[D6A180]	01.91-	111658	28 55	PR	01.91-	111638	24 4.0
		01.91-	112345	28 55	BO	01.91- 12.99	114047	24 4.0
		01.91-	112784	28 45				
		01.91-	112803	28 80				
	[D6A210]	01.93- 12.99	111528	28 55	DR	01.93- 12.99	114047	24 4.0
		02.95-	111658	28 55	PR	02.95-	111638	24 4.0
		02.95-	112345	28 55	BO			
		02.95-	112784	28 45				
	[TD61G]	02.95-	112803	28 80				
		03.87-	111658	28 55	PR	10.85- 12.99	114047	24 4.0
		03.87-	112345	28 55	BO	03.87-	111638	24 4.0
		03.87-	112784	28 45				
	[TD61GA]	03.87-	112803	28 80				
		09.86-	111658	28 55	PR	09.86-	111638	24 4.0
		09.86-	112345	28 55	BO	10.85- 12.99	114047	24 4.0
		09.86-	112784	28 45				
	[TD63E]	09.86-	112803	28 80				
		01.91-	111658	28 55	PR	01.91-	111638	24 4.0
		01.91-	112345	28 55	BO	01.91- 12.99	114047	24 4.0
		01.91-	112784	28 45				
[TD63ES]	01.91-	112803	28 80					
	01.93- 12.99	111528	28 55	DR	01.93- 12.99	114047	24 4.0	
	01.93-	111658	28 55	PR	01.93-	111638	24 4.0	
	01.93-	112345	28 55	BO				
FL 610 5.5	[TD61G]	01.93-	112784	28 45				
		01.93-	112803	28 80				
		09.85- 11.94	111658	28 55	PR	09.85- 11.94	111638	24 4.0
		09.85- 11.94	112345	28 55		09.85- 11.94	114047	24 4.0
FL 611 5.5	[D6A180]	09.85- 03.00	111528	28 55	DR	09.85- 03.00	114047	24 4.0
		02.95-	111658	28 55	PR	02.95-	111638	24 4.0
		02.95-	112345	28 55	BO			
		02.95-	112784	28 45				
	[D6A210]	02.95-	112803	28 80				
		12.94-	111658	28 55	PR	12.94- 03.00	114047	24 4.0
		12.94-	112345	28 55	BO	12.94-	111638	24 4.0
		12.94-	112784	28 45				
	[TD61G]	12.94-	112803	28 80				
		09.85- 01.86	110112	28 40		09.85- 12.94	111638	24 4.0
		09.85- 11.94	111528	28 55	DR	09.85- 11.94	114047	24 4.0
		09.85- 12.94	112803	28 80				
		09.85- 01.86	113477	28 55	PR			
		02.86- 12.94	111658	28 55	PR			
		02.86- 12.94	112345	28 55	BO			
		02.86- 12.94	112784	28 45				
	[TD61GA]	02.86- 12.94	112803	28 80				
		09.85- 11.94	111528	28 55	DR	09.86- 12.94	111638	24 4.0
		09.86- 12.94	111658	28 55	PR	09.85- 11.94	114047	24 4.0
		09.86- 12.94	112345	28 55	BO			
[TD61GB]	09.86- 12.94	112784	28 45					
	09.86- 12.94	112803	28 80					
					09.85- 03.00	114047	24 4.0	
					09.85- 03.00	114047	24 4.0	
[TD61GC]	09.85- 03.00	111528	28 55	DR	01.90-	111638	24 4.0	
	01.90-	111658	28 55	PR				
	01.90-	112345	28 55	BO				
	01.90-	112784	28 45					
				01.90-	112803	28 80		





	[TD61GS]	09.85- 01.86	110112	28 40		09.85- 03.00	114047	24 4.0	
		09.85- 03.00	111528	28 55 DR		09.85-	111638	24 4.0	
		09.85-	112803	28 80					
		09.85- 01.86	113477	28 55 PR					
		02.86-	111658	28 55 PR					
		02.86-	112345	28 55 BO					
		02.86-	112784	28 45					
		[TD63E]	09.85- 03.00	111528	28 55 DR		01.90-	111638	24 4.0
			01.90-	111658	28 55 PR		09.85- 03.00	114047	24 4.0
			01.90-	112345	28 55 BO				
			01.90-	112784	28 45				
			01.90-	112803	28 80				
	[TD63ES]	12.94-	111658	28 55 PR		12.94-	111638	24 4.0	
		12.94-	112345	28 55 BO		12.94- 03.00	114047	24 4.0	
		12.94-	112784	28 45					
		12.94-	112803	28 80					
FL 612 5.5	[D6A180]	09.85- 12.99	111528	28 55 DR		02.95-	111638	24 4.0	
		02.95-	111658	28 55 PR		09.85- 12.99	114047	24 4.0	
		02.95-	112345	28 55 BO					
		02.95-	112784	28 45					
		02.95-	112803	28 80					
		[D6A210]	11.91- 12.99	111528	28 55 DR		11.91- 12.99	114047	24 4.0
			02.95-	111658	28 55 PR		02.95-	111638	24 4.0
			02.95-	112345	28 55 BO				
			02.95-	112784	28 45				
			02.95-	112803	28 80				
		[D6A230]	12.95-	111658	28 55 PR		12.95-	111638	24 4.0
			12.95-	112345	28 55 BO		12.95- 12.99	114047	24 4.0
			12.95-	112784	28 45				
			12.95-	112803	28 80				
		[D6A250]	12.95-	111658	28 55 PR		12.95-	111638	24 4.0
			12.95-	112345	28 55 BO		12.95- 12.99	114047	24 4.0
			12.95-	112784	28 45				
			12.95-	112803	28 80				
		[TD61GB]					09.85- 12.99	114047	24 4.0
		[TD61GC]	09.85- 12.99	111528	28 55 DR		09.85- 12.99	114047	24 4.0
			01.90-	111658	28 55 PR		01.90-	111638	24 4.0
			01.90-	112345	28 55 BO				
			01.90-	112784	28 45				
			01.90-	112803	28 80				
	[TD61GS]	09.85- 01.86	110112	28 40		09.85-	111638	24 4.0	
		09.85- 12.99	111528	28 55 DR		09.85- 12.99	114047	24 4.0	
		09.85-	112803	28 80					
		09.85- 01.86	113477	28 55 PR					
		02.86-	111658	28 55 PR					
		02.86-	112345	28 55 BO					
		02.86-	112784	28 45					
	[TD63E]	09.85- 12.99	111528	28 55 DR		01.90-	111638	24 4.0	
		01.90-	111658	28 55 PR		09.85- 12.99	114047	24 4.0	
		01.90-	112345	28 55 BO					
		01.90-	112784	28 45					
		01.90-	112803	28 80					
	[TD63ES]	11.91- 12.99	111528	28 55 DR		11.91- 12.99	114047	24 4.0	
		11.91-	111658	28 55 PR		11.91-	111638	24 4.0	
		11.91-	112345	28 55 BO					
		11.91-	112784	28 45					
		11.91-	112803	28 80					
FL 614 5.5	[D6A180]	09.85- 03.00	111528	28 55 DR		02.95-	111638	24 4.0	
		09.85-	112757	28 55		09.85- 03.00	114047	24 4.0	
		02.95-	111658	28 55 PR					
		02.95-	112345	28 55 BO					
		02.95-	112784	28 45					
		02.95-	112803	28 80					
		[D6A210]	09.85- 03.00	111528	28 55 DR		02.95-	111638	24 4.0
			09.85-	112757	28 55		09.85- 03.00	114047	24 4.0
			02.95-	111658	28 55 PR				
			02.95-	112345	28 55 BO				
			02.95-	112784	28 45				
			02.95-	112803	28 80				
		[D6A230]	09.85-	112757	28 55		12.95-	111638	24 4.0
			12.95- 03.00	111528	28 55 DR		12.95- 03.00	114047	24 4.0
			12.95-	111658	28 55 PR				
			12.95-	112345	28 55 BO				
			12.95-	112784	28 45				
			12.95-	112803	28 80				
		[D6A250]	09.85-	112757	28 55		12.95-	111638	24 4.0
			12.95- 03.00	111528	28 55 DR		12.95- 03.00	114047	24 4.0
			12.95-	111658	28 55 PR				
			12.95-	112345	28 55 BO				
			12.95-	112784	28 45				
			12.95-	112803	28 80				
	[TD61F]	09.85- 01.86	110112	28 40		09.85-	111638	24 4.0	
		09.85- 03.00	111528	28 55 DR		09.85- 03.00	114047	24 4.0	
		09.85-	112757	28 55					
		09.85-	112803	28 80					
		09.85- 01.86	113477	28 55 PR					
		02.86-	111658	28 55 PR					
		02.86-	112345	28 55 BO					
		02.86-	112784	28 45					



VOLVO Continued

Application list

	[TD61GB]					09.85- 03.00	114047	24	4.0
	[TD61GC]	09.85- 03.00	111528	28 55 DR		01.90-	111638	24	4.0
		09.85-	112757	28 55		09.85- 03.00	114047	24	4.0
		01.90-	111658	28 55 PR					
		01.90-	112345	28 55 BO					
		01.90-	112784	28 45					
		01.90-	112803	28 80					
	[TD61GS]	09.85- 01.86	110112	28 40		09.85-	111638	24	4.0
		09.85- 03.00	111528	28 55 DR		09.85- 03.00	114047	24	4.0
		09.85- 01.86	112757	28 55 BO					
		09.85-	112803	28 80					
		09.85- 01.86	113477	28 55 PR					
		02.86-	111658	28 55 PR					
		02.86-	112345	28 55 BO					
		02.86-	112784	28 45					
	[TD63E]	09.85- 03.00	111528	28 55 DR		01.90-	111638	24	4.0
		09.85-	112757	28 55		09.85- 03.00	114047	24	4.0
		01.90-	111658	28 55 PR					
		01.90-	112345	28 55 BO					
		01.90-	112784	28 45					
		01.90-	112803	28 80					
	[TD63ES]	09.85- 03.00	111528	28 55 DR		01.90-	111638	24	4.0
		09.85-	112757	28 55		09.85- 03.00	114047	24	4.0
		01.90-	111658	28 55 PR					
		01.90-	112345	28 55 BO					
		01.90-	112784	28 45					
		01.90-	112803	28 80					
FL 615 5.5	[D6A180]	11.91- 03.00	111528	28 55 DR		11.91- 03.00	114047	24	4.0
		02.95-	111658	28 55 PR		02.95-	111638	24	4.0
		02.95-	112345	28 55 BO					
		02.95-	112784	28 45					
		02.95-	112803	28 80					
	[D6A210]	11.91- 03.00	111528	28 55 DR		11.91-	111638	24	4.0
		02.95-	111658	28 55 PR		11.91- 03.00	114047	24	4.0
		02.95-	112345	28 55 BO					
		02.95-	112784	28 45					
		02.95-	112803	28 80					
	[D6A230]	12.95- 03.00	111528	28 55 DR		12.95-	111638	24	4.0
		12.95-	111658	28 55 PR		12.95- 03.00	114047	24	4.0
		12.95-	112345	28 55 BO					
		12.95-	112784	28 45					
		12.95-	112803	28 80					
	[D6A250]	12.95- 03.00	111528	28 55 DR		12.95- 03.00	114047	24	4.0 BO, DR
		12.95-	111658	28 55 PR		12.95-	111638	24	4.0
		12.95-	112345	28 55 BO					
		12.95-	112784	28 45					
		12.95-	112803	28 80					
	[TD63E]	11.91- 03.00	111528	28 55 DR		11.91- 03.00	114047	24	4.0
		11.91-	111658	28 55 PR		11.91-	111638	24	4.0
		11.91-	112345	28 55 BO					
		11.91-	112784	28 45					
		11.91-	112803	28 80					
	[TD63ES]	11.91- 03.00	111528	28 55 DR		11.91- 03.00	114047	24	4.0
		11.91-	111658	28 55 PR		11.91-	111638	24	4.0
		11.91-	112345	28 55 BO					
		11.91-	112784	28 45					
		11.91-	112803	28 80					
FL 618 5.5	[D6A180]	11.91- 03.00	111528	28 55 DR		11.91- 03.00	114047	24	4.0
		02.95-	111658	28 55 PR		02.95-	111638	24	4.0
		02.95-	112345	28 55 BO					
		02.95-	112784	28 45					
		02.95-	112803	28 80					
	[D6A210]	11.91- 03.00	111528	28 55 DR		11.91- 03.00	114047	24	4.0
		02.95-	111658	28 55 PR		02.95-	111638	24	4.0
		02.95-	112345	28 55 BO					
		02.95-	112784	28 45					
		02.95-	112803	28 80					
	[D6A230]	12.95- 03.00	111528	28 55 DR		12.95-	111638	24	4.0
		12.95-	111658	28 55 PR		12.95- 03.00	114047	24	4.0
		12.95-	112345	28 55 BO					
		12.95-	112784	28 45					
		12.95-	112803	28 80					
	[D6A250]	12.95- 03.00	111528	28 55 DR		12.95- 03.00	114047	24	4.0
		12.95-	111658	28 55 PR		12.95-	111638	24	4.0
		12.95-	112345	28 55 BO					
		12.95-	112784	28 45					
		12.95-	112803	28 80					
	[TD63E]	11.91- 03.00	111528	28 55 DR		11.91- 03.00	114047	24	4.0
		11.91-	111658	28 55 PR		11.91-	111638	24	4.0
		11.91-	112345	28 55 BO					
		11.91-	112784	28 45					
		11.91-	112803	28 80					
	[TD63ES]	11.91- 03.00	111528	28 55 DR		11.91- 03.00	114047	24	4.0
		11.91-	111658	28 55 PR		11.91-	111638	24	4.0
		11.91-	112345	28 55 BO					
		11.91-	112784	28 45					
		11.91-	112803	28 80					

**STARTERS & ALTERNATORS**

O.E.M. names and numbers are used for reference purposes only.



FL 619 5.5	[TD61F]	09.85- 11.94	111658	28 55	PR	09.85- 11.94	111638	24 4.0
		09.85- 11.94	112345	28 55		09.85- 11.94	114047	24 4.0
		09.85- 11.94	112784	28 45				
		09.85- 11.94	112803	28 80				
FL 7/230 6.7	[D7B230]	09.85- 09.98	111528	28 55	DR	11.91-	110980	24 5.4
		11.91-	111658	28 55	PR			
		11.91-	112345	28 55	BO			
		11.91-	112784	28 45				
	[TD71F]	09.85- 01.86	110112	28 40		09.85-	110980	24 5.4
		09.85- 09.98	111528	28 55	DR			
		09.85- 01.86	113477	28 55	PR			
		02.86-	111658	28 55	PR			
	[TD71FO]	02.86-	112345	28 55	BO			
		02.86-	112784	28 45				
		09.85- 01.86	110112	28 40		09.85-	110980	24 5.4
		09.85- 09.98	111528	28 55	DR			
[TD73E]	09.85- 01.86	113477	28 55	PR				
	02.86-	111658	28 55	PR				
	02.86-	112345	28 55	BO				
	02.86-	112784	28 45					
FL 7/260 6.7	[D7B260]	09.85- 09.98	111528	28 55	DR	11.91-	110980	24 5.4
		11.91-	111658	28 55	PR			
		11.91-	112345	28 55	BO			
		11.91-	112784	28 45				
[TD73ES]	11.91- 09.98	111528	28 55	DR	11.91-	110980	24 5.4	
	11.91-	111658	28 55	PR				
	11.91-	112345	28 55	BO				
	11.91-	112784	28 45					
FL 7/290 6.7	[D7A285]	10.93- 09.98	111528	28 55	DR	10.93-	110980	24 5.4
		10.93-	111658	28 55	PR			
		10.93-	112345	28 55	BO			
		10.93-	112784	28 45				
FLC 140 4.0	[D4A140]	09.96- 09.00	113186	28 55				
			113650	28 80				
FM 10/320 9.6	[D10B320]	04.99-	111631	28 55		04.99-	110207	24 5.4
		04.99-	111746	28 80				
FM 10/360 9.6	[D10B360]	04.99-	111631	28 55		04.99-	110207	24 5.4
		04.99-	111746	28 80				
FM 12/340 12.1	[D12C340]	08.98-	111631	28 55				
		08.98-	111746	28 80				
	[D12D340]	12.01-	111631	28 55		08.98- 09.05	113830	24 5.5
		12.01- 09.05	115488	28 110 A49		A10 08.98- 09.05	114872	24 5.5 MI
		08.98- 09.05	114212	28 110				
		Chas. -A557642,B330019	12.01-	111746	28 80			
FM 12/380 12.1	[D12C380]	08.98-	111631	28 55				
		08.98-	111746	28 80				
FM 12H/340 12.1	[D12C340]	08.98-	111631	28 55				
		08.98-	111746	28 80				
	[D12D340]	12.01-	111631	28 55		08.98- 09.05	113830	24 5.5
		12.01- 09.05	115488	28 110 A49		A10 08.98- 09.05	114872	24 5.5 MI
		08.98- 09.05	114212	28 110				
		Chas. -A557642,B330019	12.01-	111746	28 80			
FM 12H/380 12.1	[D12C380]	08.98-	111631	28 55				
		08.98-	111746	28 80				
FM 12H/420 12.1	[D12C420]	08.98-	111631	28 55				
		08.98-	111746	28 80				
	[D12D420]	12.01-	111631	28 55		08.98- 09.05	113830	24 5.5
		12.01- 09.05	115488	28 110 A49		A10 08.98- 09.05	114872	24 5.5 MI
		08.98- 09.05	114212	28 110				
		Chas. -A557642,B330019	12.01-	111746	28 80			
FM 300 9.4	[D9A300]				09.05-	114193	24 5.5	
	[D9B300]	09.05-	111746	28 80	09.05-	114193	24 5.5	
		09.05-	114212	28 110				
FM 360 12.8	[D13A360]	09.05-	114212	28 110	A10 09.05-	114872	24 5.5 MI	
		09.05-	115488	28 110 A49				
	[D13B360]	09.05-	114212	28 110	A10 09.05-	114872	24 5.5 MI	
		09.05-	115488	28 110 A49				
FM 380 12.8	[D13C380]	09.05-	114212	28 110	A10 09.05-	114872	24 5.5 MI	
		09.05-	115488	28 110 A49				
FM 400 12.8	[D13A400]	09.05-	114212	28 110	A10 09.05-	114872	24 5.5 MI	
		09.05-	115488	28 110 A49				
	[D13B400]	09.05-	114212	28 110	A10 09.05-	114872	24 5.5 MI	
		09.05-	115488	28 110 A49				
FM 420 12.8	[D13C420]	09.05-	114212	28 110	A10 09.05-	114872	24 5.5 MI	
		09.05-	115488	28 110 A49				
FM 440 12.8	[D13A440]	09.05-	114212	28 110	A10 09.05-	114872	24 5.5 MI	
		09.05-	115488	28 110 A49				
	[D13B440]	09.05-	114212	28 110	A10 09.05-	114872	24 5.5 MI	
		09.05-	115488	28 110 A49				
FM 460 12.8	[D13C460]	09.05-	114212	28 110	A10 09.05-	114872	24 5.5 MI	
		09.05-	115488	28 110 A49				
FM 480 12.8	[D13A480]	09.05-	114212	28 110	A10 09.05-	114872	24 5.5 MI	
		09.05-	115488	28 110 A49				
FM 500 12.8	[D13B500]	09.07-	114212	28 110	A10 09.07-	114872	24 5.5 MI	
		09.07-	115488	28 110 A49				

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O.E.M. names and numbers are used for reference purposes only.



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	[D13C500]	09.05-09.05	114212 115488	28 110 28 110 A49		A10 09.05-	114872	24 5.5	MI
FM 7/250 7.3	[D7C250]	08.98-	111631	28 55	For vehicles with Auxiliary drive/PTO	08.98-	110980	24 5.4	
		08.98-	111746	28 80	For vehicles with Auxiliary drive/PTO	08.98- 12.01	114033	24 4.0	
FM 7/290 7.3	[D7C290]	08.98-	111631	28 55	For vehicles with Auxiliary drive/PTO	08.98-	114033	24 4.0	
		08.98-	111746	28 80		08.98-	110980	24 5.4	
FM 9/260 9.4	[D9A260]	12.01-12.01-	111631 111746	28 55 28 80		12.01- 09.05	114193	24 5.5	
	Chas. -A557642, -B330018	12.01-	111746	28 80					
FM 9/300 9.4	[D9A300]	12.01-	111631	28 55		12.01- 09.05	114193	24 5.5	
	Chas. -A557642, -B330018	12.01-	111746	28 80					
FM 9/340 9.4	[D9A340]	12.01-12.01- 08.05	111631 111746	28 55 28 80		12.01- 09.05	114193	24 5.5	
	Chas. -A557642, -B330018	12.01-	111746	28 80					
FM 9/380 9.4	[D9A380]	12.01-	111631	28 55		12.01- 09.05	114193	24 5.5	
	Chas. -A557642, -B330018	12.01-	111746	28 80					
FS 718/260 6.7	[D7B230]	09.94- 03.96	111658	28 55 PR		09.94- 03.96	110980	24 5.4	
		09.94- 03.96	112345	28 55 BO					
		09.94- 03.96	112784	28 45					
		09.94- 03.96	112803	28 80					
	[D7B260]	09.94- 03.96	111528	28 55 DR		09.94- 03.96	110980	24 5.4	
		09.94- 03.96	111658	28 55 PR					
		09.94- 03.96	112345	28 55 BO					
		09.94- 03.96	112784	28 45					
		09.94- 03.96	112803	28 80					
N 7 6.7	[TD70ES]	08.78- 11.87	112345	28 55		11.74- 07.78	110519	12 3.0	
		08.78- 11.87	112784	28 45		01.73- 09.80	114047	24 4.0	
		11.78- 01.86	111528	28 55					
		02.86-	111658	28 55					
NH 12/380 12.1	[D12C380]	05.99-	111746	28 80		05.99-	112116	24 6.6	
NH 12/420 12.1	[D12C420]	05.99-	111746	28 80		05.99-	112116	24 6.6	
Various Models		01.89- 01.97	112996	14 115		06.61- 12.65	111217	12 3.0	
			113001#	14 110					
			113002#	14 135					
		01.90- 01.95	113432	14 145					
			114359	14 170					
<b>TRUCKS US</b>									
Various Models	[Cummins]					01.94- 01.04	112089	12	
		01.89-	113740#	14 160					
			113002#	14 135					
		01.83- 01.86	112260#	14 80			112494	24 4.0	
		01.83- 01.88	112262#	14 90	Only B-series / F-series	03.75- 12.97	110519	12 3.0	
		01.94- 01.95	112264#	14 105					
		01.89- 12.93	112993	14 130					
		01.89- 12.93	112994	14 100					
		01.89- 01.97	112996	14 115					
			112998#	14 85					
		12.94	111232	14 115					
			113001#	14 110					
		01.94-	113739	14 130					
		01.00- 01.07	113579	14 145					
		01.90- 01.95	113432	14 145					
<b>INDUSTRY</b>									
BM4200 Wheel Loader	[4-236]						114170	24 4.0	
EC 150 C Excavator		01.97-	111658	28 55					
EC130C	[TD40GDE]						112037	24 4.0	
EC340	[TD103KAE]					01.01-	111046	24 6.6	
EC380	[TD103KAE]					01.01-	111046	24 6.6	
EW130C	[TD40GDE]						112037	24 4.0	
Excavator Diesel	[mitsubishi Equipped]		114079	14 40					
L50	[TD40GFE]					01.93- 01.95	112037	24 4.0	
Various Models							114393	24 7.5	
							114170	24 4.0	
<b>Volvo BM</b>									
<b>AGRICULTURE</b>									
861 5.5	[TD60B]					09.79- 07.86	113482	12 3.0	
2650 5.5	[TD60B]	05.79- 06.82	112742	14 90		05.79- 06.82	113482	12 3.0	
2654 5.5	[TD60B]	05.79- 06.82	112742	14 90		05.79- 06.82	113482	12 3.0	
A20 6.7						08.86- 08.01	113850	24 5.4	
L 120 6.7		01.87- 01.02	113477	28 55					
L 160		01.87- 01.02	113477	28 55		01.87- 12.90	110207	24 5.4	
		01.87-	111528	28 55					
L 70 4.5	[TD45B]	11.91-	113477	28 55					
L 90 5.5	[TD61GB]	11.91- 01.94	113477	28 55					
LM 621 4.0 Diesel	[D42A]					09.70- 06.78	112132	24 4.0	
LM 641 4.0 Diesel	[D42A]					09.70- 06.78	112132	24 4.0	
LM 841 5.0 Diesel	[D50B]					04.72- 05.75	112132	24 4.0	
LM 845 5.0 Diesel	[D50B]					01.71- 12.73	112132	24 4.0	
LM 846 5.0 Diesel	[D50B]					05.72- 12.75	112132	24 4.0	
SM 868 5.0	[D50B]					08.70- 10.74	113482	12 3.0	
SM 980 5.0	[TD50B]					11.71- 06.76	113482	12 3.0	
T 650 4.0	[D42A]					02.70- 06.82	113482	12 3.0	
T 700 4.0	[TD42]					06.76- 06.82	113482	12 3.0	
T350 Diesel						01.61- 08.64	110537	12 3.6	
T800 Diesel	[D50A]		112310	14 55		01.67- 12.75	111217	12 3.0	
						01.67- 01.75	110537	12 3.6	
T810 Diesel	[TD50A]		112310	14 55		03.69- 12.75	111217	12 3.0	
						01.69- 01.75	110537	12 3.6	



T814 Diesel	[TD50A]		112310	14	55		01.69- 01.75	110537	12	3.6
Various Tractors			114465	14	70					
<b>INDUSTRY</b>										
EC160C	[BF6M2013C]							114873	24	5.5
EC180C	[BF6M2013C]							114873	24	5.5
EC200B prime	[BF6M2013C]							114873	24	5.5
EC210BLC prime	[BF6M2013C]							114873	24	5.5
EC210C	[BF6M2013C]							114873	24	5.5
ECR235C	[BF6M2013C]							114873	24	5.5
EW145B prime	[BF6M2013C]							114873	24	5.5
L60E	[BF6M2013C]							114873	24	5.5
L60F	[BF6M2013C]							114873	24	5.5
L70E	[BF6M2013C]							114873	24	5.5
L70F	[BF6M2013C]							114873	24	5.5
L90E	[BF6M2013C]							114873	24	5.5
L90F	[BF6M2013C]							114873	24	5.5
<b>MOTORS</b>										
Engine Diesel	[D45]						06.83-	112132	24	4.0
<b>Volvo Penta</b>										
<b>MARINE</b>										
Engine 0.4	[2001]	01.91-	111397	14	45		01.91-	111404	12	1.1
Engine 0.7	[MD7B]	06.81- 07.83	110127	14	70		06.81- 07.83	111209#	12	1.1
Engine 0.9	[2002]	06.83- 01.93	111397	14	45		06.83- 01.93	111404	12	1.1
Engine 1.1	[MD11]	07.75- 06.83	111397	14	45		07.75- 06.83	111209#	12	1.1
			110127	14	70					
Engine 1.3	[2003]	06.83- 01.93	111397	14	45		06.83- 01.93	111404	12	1.1
Engine 1.7	[MD17]	09.75- 06.84	111397	14	45					
			110127	14	70					
	[MD3B]						05.71- 10.75	113705	12	1.7
Engine 12.1	[D126]						01.99-	114527	24	6.0
	[D12-650]						01.99-	114527	24	6.0
	[D12-675]						01.99-	114527	24	6.0
	[D12-715]						01.99-	114527	24	6.0
	[D12-800]						01.99-	114527	24	6.0
Engine 2.0	[AQ130]		110048	14	35		01.70- 12.77	111054	12	1.1
Engine 2.3	[AQ140]		110048	14	35		11.75- 12.79	111054	12	1.1
	[AQ145]	03.79- 12.85	111397	14	45		03.79- 12.85	111054	12	1.1
			113631	14	90					
Engine 2.3	[AQ131]						01.87-	111404	12	1.1
Engine 2.4	[TAMD30]	01.83- 06.86	111397	14	45					
	[TMD30]	01.83- 06.86	111397	14	45					
Engine 3.0	[AQ170]		110048	14	35		01.70- 12.78	111054	12	1.1
Engine 3.5	[TMD40]	01.77- 01.86	111528	28	55					
		02.77- 06.86	111397	14	45					
Engine 3.6	[TMD41B]	01.86- 12.97	111397	14	45		01.86- 12.97	111047	12	3.1
Engine 5.0	[AQ200]	01.70-	110127	14	70					
		01.70-	111397	14	45					
	[AQ225]		110127	14	70					
Engine 5.1	[TMD50]	10.96-	110048	14	35					
		10.96-	110127	14	70					
Engine 5.5	[TAMD60]	10.76- 10.86	110112	28	40		10.76-	110538	12	3.6
		10.86-	112784	28	45					
	[TD60.]	01.82- 06.86	110112	28	40		01.82- 06.86	111218	24	5.4
		01.86-	112784	28	45		01.82- 06.86	112507	24	5.4
Engine 5.7	[AQ290]	01.79-	110127	14	70					
Engine 6.7	[AQD70]	03.71-	110048	14	35		03.71-	110538	12	3.6
							03.71- 06.82	111218	24	5.4
	[TAMD72]	07.91-	111658	28	55					
	[TMD70]	12.72-	110048	14	35		12.72-	111218	24	5.4
		12.72-	110127	14	70		12.72-	110538	12	3.6
Engine 9.6	[TMD100]	01.72- 05.85	110175	28	100					
		01.72- 05.85	110176	28	175					
			112110#	28	45					
Engine	[AQ100]		110048	14	35					
			110052	28	40					
			113477	28	55					
	[AQ120]		110048	14	35					
			110127	14	70					
			111397	14	45					
			113631	14	90					
	[AQ165]		110048	14	35					
	[AQ21]		110048	14	35					
Engine	[D4]		114845	28	80					
	[D6]		114845	28	80					
	[KAD32P]		111397	14	45					
	[KAD44P]		111397	14	45					
	[MD2010]	01.93-	111397	14	45					
	[MD2020]	01.93-	111397	14	45					
	[MD2030]	01.93-	111397	14	45		01.93-	110552	12	1.2
	[MD2040]	01.93-	111397	14	45		01.93-	111300	12	1.4
	[TMD22P]	01.97-	111397	14	45					
Engine	[D1-13]	01.05-	113971	14	115					
	[D1-20]	01.05-	113971	14	115					
	[D1-30]	01.05-	113971	14	115					
	[D2-40]	01.05-	113971	14	115					
	[D2-55]	01.05-	113971	14	115					
	[D4-250]	01.05-	113971	14	115					
	[D6-310]	01.05-	113971	14	115					
	[D6-435]	01.05-	113971	14	115					

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	[KAD43DP]				01.97-	113207	12	2.8		
Various Models		110175	28	100	01.97-	112232	12	2.4		
		110048	14	35		112130	12	PL		
		110176	28	175		114393	24	7.5		
		113631	14	90		111699	12	1.6		
		113477	28	55	01.70- 06.84	111219	24	5.4		
		113382	14	60		114819	24	5.5		
						111047	12	3.1		
<b>VW</b>										
<b>PASSENGER CARS EU</b>										
181 1.5	[H]				09.69- 07.70	110363	12	0.7		
181 1.6	[AG]				08.70- 03.73	110363	12	0.7		
411 1.7	[V]				08.69- 07.73	110363	12	0.7		
	[Z]				08.69- 07.73	110363	12	0.7		
411 1.7 E	[W]				08.69- 07.72	110363	12	0.7		
412 1.7	[W]				08.69- 07.72	110363	12	0.7		
412 1.8 E	[AN]				08.73- 07.74	110363	12	0.7		
	[AT]				08.73- 07.74	110363	12	0.7		
1500 1.5	[K]				08.69- 07.73	110363	12	0.7		
1600 1.5	[K]				08.66- 07.73	110363	12	0.7		
1600 1.6	[T]				08.66- 07.73	110363	12	0.7		
	[U]				08.66- 07.73	110363	12	0.7		
1600 1.6 TL	[T]				08.66- 07.73	110363	12	0.7		
	[U]				08.66- 07.73	110363	12	0.7		
Beetle 1.2 TSI	[CBZB]				10.11-	114175	12	1.1		
Beetle 1.4 TSI	[CAVD]				12.12-	114163	12	1.1		
	[CNWA]				12.12-	114163	12	1.1		
	[CTHD]				12.12-	114163	12	1.1		
	[CTKA]				12.12-	114163	12	1.1		
Beetle 1.6 TDI	[CAYC]	10.11-	113992	14	140	10.11-	114299	12	1.7	
Beetle 2.0 TSI	[CBFA]	10.11-	114722	14	140	10.11-	113773	12	1.1	
	[CCTA]	10.11-	114722	14	140	10.11-	113773	12	1.1	
	[CCZA]	12.12-	114722	14	140	12.12-	113773	12	1.1	
Beetle 2.0 TDI	[CFFB]					12.12-	113841	12	1.7	
Bora 1.4 16V	[CJAA]	12.12-	113992	14	140 A47	12.12-	113841	12	1.7	
	[AHW]	10.98-	111989	14	90	Stationscar 09.01- 05.05	111909	12	1.1	
		10.98-	112075	14	70					
		10.98- 06.05	115482	14	90 A49					
		AC 10.98-	111989	14	90					
		[AKQ]	09.98- 05.00	111989	14	90				
			09.98- 05.00	112075	14	70				
			09.98- 05.00	115482	14	90 A49				
		[APE]	01.99- 05.00	111989	14	90	01.99- 05.00	115504	12	1.1 A49
			01.99- 05.00	112075	14	70				
			01.99- 05.00	115482	14	90 A49				
		[AXP]	05.00- 10.01	111989	14	90	05.00- 10.01	115504	12	1.1 A49
			05.00- 10.01	112075	14	70	05.00- 05.05	111909	12	1.1
			05.00- 10.01	115482	14	90 A49				
		AC 09.01-	111989	14	90					
	[BCA]	09.01-	112075	14	70	09.01- 05.05	111909	12	1.1	
		09.01- 05.05	115482	14	90 A49					
		10.01-	111989	14	90					
	AC 09.01-	111989	14	90						
Bora 1.6	[AEH]	09.98-	111989	14	90	10.98- 06.01	115504	12	1.1 A49	
		09.98-	112075	14	70	10.98- 06.01	111909	12	1.1	
		10.98- 06.01	115482	14	90 A49					
	[AKL]	09.98-	111989	14	90	09.98- 05.05	115504	12	1.1 A49	
		09.98-	112075	14	70	09.98-	111909	12	1.1	
		09.98- 05.05	115482	14	90 A49					
		09.98- 05.05	115483	14	120 A49					
		10.98- 05.05	112002	14	120 A47					
		10.98- 05.05	114797	14	120 A46					
	[APF]	05.99-	111989	14	90	05.99- 09.01	115504	12	1.1 A49	
		05.99-	112075	14	70	05.99- 09.00	111909	12	1.1	
		05.99- 09.01	115482	14	90 A49					
	[ATN]	08.99- 05.00	111989	14	90	08.99- 05.00	111909	12	1.1	
		08.99- 05.00	112075	14	70	08.99- 05.00	115504	12	1.1 A49	
		08.99- 05.00	115482	14	90 A49					
	[AVU]	08.00-	111989	14	90	08.00- 05.05	111909	12	1.1	
		08.00-	112002	14	120 A47	08.00- 05.05	115504	12	1.1 A49	
		08.00- 05.05	112075	14	70					
		08.00- 05.05	114797	14	120 A46					
		08.00- 05.05	115482	14	90 A49					
		08.00- 05.05	115483	14	120 A49					
	[AWB]	06.02- 10.04	115482	14	90 A49	06.02- 10.04	111909	12	1.1	
						06.02- 10.04	112005	12	1.1	
						06.02- 10.04	115504	12	1.1 A49	
		[BAD]				01.02-	113515	12	0.9	
	[BFO]	08.00- 05.05	112075	14	70	08.00- 05.05	111909	12	1.1	
		08.00- 05.05	115482	14	90 A49	08.00- 05.05	115504	12	1.1 A49	
		08.00- 05.05	115483	14	120 A49					
	[BJH]	12.01- 06.06	115482	14	90 A49	12.01- 06.06	115504	12	1.1 A49	
		12.01- 06.06	115483	14	120 A49					
Bora 1.6 16V	[ATN]	08.99- 05.00	115482	14	90 A49	08.99- 05.00	115504	12	1.1 A49	
		11.99- 05.00	111989	14	90	08.99- 05.00	111909	12	1.1	
		11.99- 05.00	112075	14	70					
	Chas. 1J-X-000 001-	11.99- 05.00	111989	14	90					



	[AUS]	02.00- 10.00	111989	14 90		05.00- 10.00	111909	12 1.1		
		02.00- 10.00	112075	14 70		05.00- 10.00	115504	12 1.1	A49	
		05.00- 10.00	112274	14 90						
		05.00- 10.00	115482	14 90	A49					
	[AZD]	02.00-	111989	14 90		09.00- 11.01	115504	12 1.1	A49	
		02.00- 11.01	112075	14 70		09.00- 11.01	111909	12 1.1		
		02.00- 11.01	112273	14 70						
		09.00- 11.01	115482	14 90	A49					
		AC 02.00- 11.01	111989	14 90						
	[BCB]	02.00-	111989	14 90		11.01-	111909	12 1.1		
		02.00-	112273	14 70		11.01- 05.05	115504	12 1.1	A49	
		11.01- 05.05	112075	14 70						
		11.01- 05.05	112274	14 90						
		11.01- 05.05	115482	14 90	A49					
		AC 02.00- 05.05	111989	14 90						
Bora 1.8	[AGN]	10.98- 10.00	111989	14 90		10.98- 04.01	112005	12 1.1		
		10.98- 10.00	112075	14 70						
		10.98- 10.00	115482	14 90	A49					
		05.00-	112005			6SP 05.00- 05.05	112429	12 2.0		
		09.00- 04.01	111989	14 90		5SP 05.00- 05.05	112005	12 1.1		
		09.00- 04.01	112075	14 70		4SP 05.00- 05.05	111909	12 1.1		
		09.00- 04.01	115482	14 90	A49	09.00- 04.01	115504	12 1.1	A49	
		05.00- 05.05	112002	14 120	A47	09.00- 05.05	112005	12 1.1		
		05.00- 05.05	114797	14 120	A46					
		09.00- 05.05	111989	14 90						
Bora 1.8 4 Motion	[AGN]	02.99- 10.00	111989	14 90		08.01- 05.05	112005	12 1.1		
		02.99- 10.00	112075	14 70		08.01- 05.05	115504	12 1.1	A49	
		02.99- 10.00	115482	14 90	A49	02.99- 10.00	112005	12 1.1		
	Bora 1.8 Turbo	[AGU]	05.00- 05.05	111989	14 90		5SP 05.00- 05.05	112005	12 1.1	
			05.00- 05.05	112002	14 120	A47	AT 05.00-	111909	12 1.1	
			05.00- 05.05	112075	14 70		6SP 05.00- 04.01	112429	12 2.0	
			05.00- 05.05	114797	14 120	A46	05.00- 05.05	115504	12 1.1	A49
			05.00- 05.05	115482	14 90	A49				
			09.00- 05.05	115483	14 120	A49				
			05.00- 05.05	112002	14 120	A47	09.00-	112429	12 2.0	
		05.00- 05.05	114797	14 120	A46					
		09.00- 04.01	111989	14 90						
		09.00- 04.01	112075	14 70						
Bora 1.8 Turbo	[ARX]	09.00- 04.01	112075	14 70						
		09.00- 04.01	115482	14 90	A49					
		09.00- 04.01	115483	14 120	A49					
		05.00- 05.05	111989	14 90		5SP 09.00-	112005	12 1.1		
		05.00- 05.05	112002	14 120	A47	AT 09.00-	111909	12 1.1		
		05.00- 05.05	112075	14 70		6SP 09.00- 04.01	112429	12 2.0		
		05.00- 05.05	114797	14 120	A46	09.00- 05.05	115504	12 1.1	A49	
		09.00- 05.05	115482	14 90	A49					
		09.00- 05.05	115483	14 120	A49					
		03.02- 05.05	112002	14 120	A47	03.02- 05.05	114174	12 1.1		
Bora 1.8 Turbo	[AUQ]	03.02- 05.05	114797	14 120	A46					
		05.02- 05.03	111989	14 90						
		05.02- 05.03	112075	14 70						
		05.02- 05.03	115482	14 90	A49					
		05.02- 05.03	115483	14 120	A49					
		AC 05.02- 05.03	111989	14 90						
		08.01- 01.06	115482	14 90	A49	08.01-	112005	12 1.1		
						08.01-	111909	12 1.1		
						08.01- 01.06	115504	12 1.1	A49	
	Bora 1.9 SDi	[AGP]	09.98- 04.01	115483	14 120	A49				
[AQM]		10.98-	112002	14 120	A47					
		10.98-	112079	14 90	A47					
		10.98-	113340	14 70						
		10.98- 05.05	114797	14 120	A46					
		10.98- 05.05	115483	14 120	A49					
Bora 1.9 TDi	[AGR]	10.98-	112002	14 120	A47	10.98- 05.05	115503	12 1.8	A49	
		10.98-	112079	14 90	A47	AT 10.98-	112286	12 1.7		
		10.98-	113340	14 70		10.98-	111900	12 1.8		
		10.98- 06.01	114797	14 120	A46	05.99-	112429	12 2.0		
		10.98- 05.05	115483	14 120	A49					
		10.98-	112002	14 120	A47	10.98-	111900	12 1.8		
		10.98-	112079	14 90	A47	AT 10.98-	112286	12 1.7		
		10.98-	113340	14 70		05.99- 05.05	115503	12 1.8	A49	
		10.98- 06.01	114797	14 120	A46					
		10.98- 05.05	115483	14 120	A49					
Bora 1.9 TDi	[AHF]	09.98- 05.01	115483	14 120	A49	12.98- 06.01	112429	12 2.0		
		12.98- 06.01	112002	14 120	A47					
		12.98- 06.01	112079	14 90	A47					
		12.98- 05.00	113340	14 70						
		12.98- 06.01	114797	14 120	A46					
		05.99- 05.00	112075	14 70						
		10.98-	112002	14 120	A47	AT 10.98-	112286	12 1.7		
		10.98-	112079	14 90	A47	10.98-	111900	12 1.8		
Bora 1.9 TDi	[AJM]	10.98-	113340	14 70		10.98- 05.05	115503	12 1.8	A49	
		10.98- 06.01	114797	14 120	A46					
		10.98- 05.05	115483	14 120	A49					
		10.98-	112002	14 120	A47					
		10.98-	112079	14 90	A47					
		10.98-	113340	14 70						





VW Continued

Application list

	[ARL]	01.00- 05.05	115483	14 120 A49		09.00- 05.05	112429	12 2.0
		05.00-	112002	14 120 A47				
		05.00-	112079	14 90 A47				
		05.00- 05.05	114797	14 120 A46				
		10.00-	113340	14 70				
	[ASV]	05.00- 05.05	115483	14 120 A49		AT 10.98- 05.00- 05.05	112286 115503	12 1.7 12 1.8 A49
	[ASZ]	11.00-	112002	14 120 A47		11.00- 02.05	112429	12 2.0
		11.00-	112079	14 90 A47				
		11.00-	113340	14 70				
		11.00- 05.05	114797	14 120 A46				
		01.01- 05.05	115483	14 120 A49				
	[ATD]	01.00- 06.06	115483	14 120 A49		01.00- 06.06	115503	12 1.8 A49
		09.00-	112002	14 120 A47		6SP 01.00- 05.05	112429	12 2.0
		09.00-	112079	14 90 A47				
		09.00-	113340	14 70				
		09.00- 05.05	114797	14 120 A46				
	[AUY]	01.00- 04.01	112075	14 70		12.98- 06.01	112429	12 2.0
		01.00- 04.01	113340	14 70				
		01.00- 04.01	115483	14 120 A49				
		05.99- 06.01	112002	14 120 A47				
		05.99- 06.01	112079	14 90 A47				
		05.99- 06.01	114797	14 120 A46				
	[AXR]	05.01- 05.05	115483	14 120 A49		6SP 05.01- 05.05	112429	12 2.0
						05.01- 05.05	115503	12 1.8 A49
Bora 1.9 TDI 4 Motion	[AGR]	02.99- 05.05	115483	14 120 A49		AT 02.99-	112286	12 1.7
						02.99- 05.05	115503	12 1.8 A49
	[AJM]	09.98- 05.01	115483	14 120 A49		02.99- 02.00	112429	12 2.0
		02.99- 06.01	112002	14 120 A47				
		02.99- 06.01	112079	14 90 A47				
		02.99- 05.00	113340	14 70				
		02.99- 06.01	114797	14 120 A46				
	[ALH]	09.98- 05.05	115483	14 120 A49		02.99- AT 02.99-	111900 112286	12 1.8 12 1.7
		02.99-	112002	14 120 A47		09.98- 05.05	115503	12 1.8 A49
		02.99-	112079	14 90 A47				
		02.99-	113340	14 70				
		02.99- 06.01	114797	14 120 A46				
	[ARL]	05.00-	112002	14 120 A47		09.00- 05.05	112429	12 2.0
		05.00-	112079	14 90 A47				
		05.00- 05.05	114797	14 120 A46				
	09.00- 05.05	115483	14 120 A49					
	10.00-	113340	14 70					
[ASZ]	11.00-	112002	14 120 A47		11.00- 02.05	112429	12 2.0	
	11.00-	112079	14 90 A47					
	11.00- 05.05	114797	14 120 A46					
	01.01-	113340	14 70					
	01.01- 05.05	115483	14 120 A49					
[ATD]	01.00- 06.06	115483	14 120 A49		6SP 05.00- 05.05	112429	12 2.0	
	09.00-	112002	14 120 A47		01.00- 06.06	115503	12 1.8 A49	
	09.00-	112079	14 90 A47					
	09.00-	113340	14 70					
	09.00- 05.05	114797	14 120 A46					
[AUY]	05.00- 06.01	112002	14 120 A47		05.99- 06.01	112429	12 2.0	
	05.00- 06.01	112079	14 90 A47					
	05.00- 04.01	113340	14 70					
	05.00- 06.01	114797	14 120 A46					
	05.00- 04.01	115483	14 120 A49					
Bora 2.0	[APK]	10.98- 05.05	115482	14 90 A49		10.98- 05.05	115504	12 1.1 A49
		11.98-	111989	14 90		AT 11.98-	111909	12 1.1
		11.98-	112075	14 70		11.98-	112005	12 1.1
	[AQY]	09.98-	111989	14 90		AT 09.98-	111909	12 1.1
		09.98-	112075	14 70		09.98-	112005	12 1.1
		09.98- 05.05	115482	14 90 A49		09.98- 05.05	115504	12 1.1 A49
		09.98- 05.05	115483	14 120 A49				
	[AZG]	05.01- 05.05	111989	14 90		AT 05.99-	111909	12 1.1
		05.01- 05.05	112075	14 70		05.01- 05.05	115504	12 1.1 A49
		05.01- 05.05	115482	14 90 A49		05.99-	112005	12 1.1
		05.01- 05.05	115483	14 120 A49				
		05.99- 05.05	112002	14 120 A47				
		05.99- 05.05	114797	14 120 A46				
	[AZH]	04.00- 06.01	111989	14 90		04.00- 06.01	112005	12 1.1
		04.00- 06.01	112075	14 70		04.00- 06.01	115504	12 1.1 A49
	04.00- 06.01	115482	14 90 A49		AT 04.00-	111909	12 1.1	
	04.00- 06.01	115483	14 120 A49					
	05.99- 05.05	112002	14 120 A47					
	05.99- 05.05	114797	14 120 A46					
[AZJ]	05.01- 05.05	111989	14 90		AT 05.01- 05.05	111909	12 1.1	
	05.01- 05.05	112075	14 70		05.01- 05.05	115504	12 1.1 A49	
	05.01- 05.05	115482	14 90 A49		05.01- 05.05	112005	12 1.1	
	05.01- 05.05	115483	14 120 A49					
	05.99- 05.05	112002	14 120 A47					
	05.99- 05.05	114797	14 120 A46					
Bora 2.0 4 Motion	[AZH]	04.00- 05.05	111989	14 90		AT 04.00- 05.05	111909	12 1.1
		04.00- 05.05	112002	14 120 A47		04.00- 05.05	112005	12 1.1
		04.00- 05.05	112075	14 70		04.00- 05.05	115504	12 1.1 A49
		04.00- 05.05	114797	14 120 A46				
		04.00- 05.05	115482	14 90 A49				
		04.00- 05.05	115483	14 120 A49				



	[AZJ]	04.00- 06.01	111989	14 90		04.00- 05.01- 05.05	111909	12 1.1	
		04.00- 05.05	112002	14 120 A47			115504	12 1.1	A49
		04.00- 06.01	112075	14 70					
		04.00- 05.05	114797	14 120 A46					
		05.01- 05.05	115482	14 90 A49					
		05.01- 05.05	115483	14 120 A49					
Bora 2.3 V5	[AGZ]	08.97-	113340	14 70		AT 08.97-	112286	12 1.7	
		10.98-	112002	14 120 A47		10.98- 10.00	114160	12 1.8	
		10.98-	112079	14 90 A47					
		10.98- 10.00	114797	14 120 A46					
		10.98- 02.01	115483	14 120 A49					
	[AQN]	09.00- 05.05	115483	14 120 A49		5SP 10.00- 05.05	112166	12 1.7	
		10.00-	112002	14 120 A47		6SP 10.00- 05.05	112429	12 2.0	
		10.00-	112079	14 90 A47		10.00- 05.05	114160	12 1.8	
		10.00-	112429	14 70					
		10.00-	113340	14 70					
		10.00- 05.05	114797	14 120 A46					
Bora 2.3 V5 4 Motion	[AGZ]	12.98-	112002	14 120 A47		12.98- 10.00	114160	12 1.8	
		12.98-	112079	14 90 A47		AT 12.98-	112286	12 1.7	
		12.98-	113340	14 70					
		12.98- 10.00	114797	14 120 A46					
		12.98- 02.01	115483	14 120 A49					
	[AQN]	09.00- 05.05	115483	14 120 A49		6SP 10.00- 05.05	112429	12 2.0	
		10.00-	112002	14 120 A47		10.00- 05.05	114160	12 1.8	
		10.00-	112079	14 90 A47		5SP 10.00- 05.05	112166	12 1.7	
		10.00-	113340	14 70					
		10.00- 05.05	114797	14 120 A46					
Bora 2.8 V6 4 Motion	[AQP]	03.99-	112079	14 90 A47		05.99- 05.00	112429	12 2.0	
		03.99-	113340	14 70					
	[AUE]	01.00-	113340	14 70		01.00- 04.01	112429	12 2.0	
		01.00- 04.01	115483	14 120 A49		AT 05.00- 05.05	114308	12 1.4	
		05.00-	112002	14 120 A47					
		05.00-	112079	14 90 A47					
		05.00- 05.05	114797	14 120 A46					
	[BDE]	05.01- 05.05	115483	14 120 A49		05.01- 05.05	112429	12 2.0	
Bora 2.8 VR6	[AUE]	03.00- 05.00	115483	14 120 A49					
Caddy 1.2 CDTi 16V	[CBZA]					09.10-	114175	12 1.1	
Caddy 1.4	[AEX]	11.95- 12.97	111352	14 70		11.95- 01.04	112307	12 1.1	
		11.95-	111479	14 90					
		PS 11.95- 12.97	111353	14 70					
		PS 11.95- 12.97	111477	14 90					
	[AKV]	11.97- 09.00	111352	14 70		11.95- 01.04	112307	12 1.1	
		PS 11.97- 09.00	111353	14 70					
		PS 11.97- 09.00	111477	14 90					
	[APQ]	12.97- 01.04	111352	14 70		11.95- 01.04	112307	12 1.1	
		PS 12.97- 01.04	111353	14 70					
		PS 12.97- 01.04	111477	14 90					
	[AUA]	08.00- 01.04	112274	14 90		08.00-	112307	12 1.1	
		08.00- 01.04	113340	14 70					
	[AUD]	09.00- 01.04	112273	14 70		11.95- 01.04	112307	12 1.1	
		09.00- 01.04	112274	14 90					
	[BCA]	03.04- 05.06	113874	14 110		03.04-	114175	12 1.1	
Caddy 1.4 16V	[AUA]	08.00- 01.04	112273	14 70		08.00- 01.04	112307	12 1.1	
		08.00- 01.04	112274	14 90					
	[BUD]					05.06-	114175	12 1.1	
Caddy 1.5	[JB]	08.82- 07.83	111652#	14 65					
		08.82- 07.83	111653	14 45					
Caddy 1.6	[1F]	11.95- 05.97	111352	14 70		11.95- 05.97	111748	12 1.1	
		11.95- 05.97	111479	14 90		11.95-	112236	12 1.8	
						11.95- 05.97	111909	12 1.1	
						11.95- 05.97	115504	12 1.1	A49
		AC 11.95- 05.97	111477	14 90		11.95-	111059	12 0.9	
	[AEE]	06.97- 09.00	111353	14 70		10.97-	111214	12 1.0	
		06.97- 09.00	111477	14 90		06.97- 09.00	112307	12 1.1	
		AC 06.97-	111477	14 90					
	[BGU]	04.04-	111989	14 90		04.04- 05.05	114175	12 1.1	
		04.04- 05.05	113992	14 140 A47					
		04.04- 05.05	115482	14 90 A49					
	[BSE]	06.05-	113992	14 140 A47		06.05-	114175	12 1.1	
		06.05-	115482	14 90 A49					
	[BSF]	03.05-	113992	14 140 A47		03.05-	114175	12 1.1	
		03.05-	115482	14 90 A49					
	[EM]	08.82- 07.85	111652#	14 65		01.83- 07.92	111059	12 0.9	
		08.82- 07.83	111653	14 45					
	[EW]	01.83- 07.92	110360	14 45		AT 08.83- 07.92	110864	12 0.7	
		08.83- 07.85	110919	14 70		08.86- 07.92	111059	12 0.9	
		08.83- 07.85	111652#	14 65					
		08.83- 07.85	111653	14 45					
		08.85- 07.92	112149	14 65					
Caddy 1.6 BiFuel	[CHGA]	05.11-	113992	14 140 A47		05.11-	114175	12 1.1	
Caddy 1.6 Diesel	[JK]	08.82- 07.85	110360	14 45		08.82- 07.90	110996	12 1.7	
		08.82- 07.85	110913	14 70					
		08.85- 07.90	111287	14 70					
	[ME]	08.82- 07.92	110360	14 45		08.82- 07.92	111060	12 1.7	
						08.82- 03.90	110996	12 1.7	
Caddy 1.6 TDI	[CAYD]	08.10-	113992	14 140 A47		DKG 08.10-	115376	12 1.8	
		08.10-	115370	14 110		08.10-	114299	12 1.7	
						A25 08.10-	115336	12 2.2	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

VW Continued

	[CAYE]	08.10-08.10	113992 115370	14 140 A47 14 110	08.10-08.10 DKG 08.10-08.10	115376 114299 115336	12 1.8 12 1.7 12 2.2	
Caddy 1.7 SDi	[AHB]	07.96-09.00 07.96-09.98 Chas. -9K-X-515715 07.96-09.98	111828 111884 111884	14 120 14 90 14 90	07.96-09.00	112286	12 1.7	
Caddy 1.8	[JH]	08.85-07.92	112149	14 65	08.85-07.92 08.85-07.92	111059 113844	12 0.9 12 0.95	
Caddy 1.9 Diesel	[1Y]	11.95-01.04 11.95- AC 11.95-01.04	111352 111477 111477	14 70 14 90 14 90	11.95-02.02	112286	12 1.7	
Caddy 1.9 SDi	[AEF]	06.96-12.00	111820	14 90	10.97-	112236	12 1.8	
	[AEY]	11.95-09.00 11.95-09.00 11.95-09.00 Chas. -9K-X-515715 11.95-08.98	111353 111477 111828 111884	14 70 14 90 14 120 14 90	11.95-01.04	112286	12 1.7	
	[AYQ]	09.00-01.04 09.00-06.03 11.95-01.04 11.95-01.04	113340 115483 112002 112079	14 70 14 120 A49 14 120 A47 14 90 A47	11.95-01.04 09.00-	112286 112307	12 1.7 12 1.1	
	[1Z]				09.97-01.04 10.96-03.97	111900 115503	12 1.8 12 1.8 A49	
	[AHU]	10.96-09.00 10.96-09.98 Chas. -9K-X-515715 10.96-08.98	111828 111884 111884	14 120 14 90 14 90	10.96-01.04 10.96-09.00	111900 115503	12 1.8 12 1.8 A49	
	[ALE]	09.97-09.00 Chas. -9K-X-515715 09.97-09.00	111828 111884	14 120 14 90	10.96-01.04 09.97-09.00	111900 115503	12 1.8 12 1.8 A49	
Caddy 1.9 TDi	[ALH]	09.00-01.04 10.96-01.04 10.96-01.04 10.96-01.04 09.97- 09.97-09.98 09.98-05.05	113340 112002 112079 114797 111828 111884 115483	14 70 14 120 A47 14 90 A47 14 120 A46 14 120 14 90 14 120 A49	09.98-05.05 10.96-01.04	115503 111900	12 1.8 A49 12 1.8	
	[BJB]	04.04- 04.04-08.10	113992 115370	14 140 A47 14 110	04.04- AT 04.04-08.10 04.04-08.10	113842 113509 115508	12 1.7 12 2.0 12 1.7 A49	
	[BLS]	06.05- 06.05-08.10	113992 115370	14 140 A47 14 110	04.04- AT 06.05-08.10 06.05-08.10	113842 113509 115508	12 1.7 12 2.0 12 1.7 A49	
	[BSU]	09.05- 09.05-08.10	113992 115370	14 140 A47 14 110	09.05- 09.05-08.10	113842 115508	12 1.7 12 1.7 A49	
	Caddy 1.9 TDi 4 Motion	[BJB]	05.08- 05.08-08.10	113992 115370	14 140 A47 14 110	05.08-08.10	115508	12 1.7 A49
		[BLS]	05.08- 05.08-08.10	113992 115370	14 140 A47 14 110	05.08-08.10	115508	12 1.7 A49
	Caddy 1.9 TDi 4motion	[BLS]	11.08-08.10	115370	14 110			
	Caddy 2.0 SDi	[BDJ]	03.04- 03.04-08.10	113992 115370	14 140 A47 14 110	03.04-	114173	12 1.7
		[BST]	06.05- 06.05-08.10	113992 115370	14 140 A47 14 110	03.04-	114173	12 1.7
		[BMM]	09.07- 09.07-08.10	113992 115370	14 140 A47 14 110			
Caddy 2.0 TDi	[CFHE]	11.10- 11.10-	113992 115370	14 140 A47 14 110	11.10-	113841	12 1.7	
	[CFJA]	05.12- 05.12-	113992 115370	14 140 14 110				
	[CLCA]	08.10-	115370	14 110	08.10-	114299	12 1.7	
	[CFHC]	11.10- 11.10-	113992 115370	14 140 A47 14 110	11.10-	113841	12 1.7	
Caddy 2.0 TDi 16V	[CFHC]	11.10- 11.10-	113992 115370	14 140 A47 14 110	11.10-	113841	12 1.7	
Caddy 2.0 TDi 16V 4motion	[CFHC]	11.10-	115370	14 110	A25 11.10- 11.10-	115402 113841	12 1.8 12 1.7	
Caddy 2.0 TDi 4motion	[CFHE]	12.10- 12.10-	113992 115370	14 140 A47 14 110	12.10-	113841	12 1.7	
	[CFHF]	08.10- 08.10-	113992 115370	14 140 A47 14 110	08.10-	113841	12 1.7	
Caddy 2.0 EcoFuel	[BSX]	04.06-	113992	14 140 A47	04.06-	114175	12 1.1	
Caravelle 1.8	[PD]	12.90-07.92	112149	14 65	12.90-07.92	112306	12 1.1	
CC 1.8 TSi	[CDAA]	02.12-	114722	14 140	A25 02.12-	115337	12 2.0	
CC 2.0 TSi	[CCZB]	02.12-	114722	14 140	02.12-	113773	12 1.1	
CC 2.0 TDi	[CFFA]	11.11- 11.11-	113992 114109	14 140 A47 14 180	A25 11.11- 11.11-	115402 113841	12 1.8 12 1.7	
	[CFFB]				A25 11.11- 02.12-	115402 113841	12 1.8 12 1.7	
	[CFGB]	02.12- 11.11-	113992 113992	14 140 14 140	A25 11.11- 02.12-	115402 113841	12 1.8 12 1.7	
	[CFGC]	12.12-	113992	14 140 A47	12.12- A25 12.12-	113841 115402	12 1.7 12 1.8	
	[CFFB]	11.11- 11.11-	113992 114109	14 140 A47 14 180	11.11- 11.11-	115402 113841	12 1.8 12 1.7	
	[CFGB]	11.11-	114109	14 180	11.11- A25 11.11-	113841 115402	12 1.7 12 1.8	
CC 2.0 TDi 4 Motion	[CFFB]	11.11- 11.11-	113992 114109	14 140 A47 14 180	11.11- 11.11-	115402 113841	12 1.8 12 1.7	
CC 2.0 TDi 4motion	[CFGC]	12.12-	113992	14 140	12.12- A25 12.12-	113841 115402	12 1.7 12 1.8	
	[BWS]				02.12-	113509	12 2.0	



Corrado 1.8 16V	[KR]	09.88- 07.89	111160#	14 65	08.90- 07.91	112131	12 1.4
		08.89- 07.92	112750	14 90	AT 08.91- 07.92	111748	12 1.1
					AT 09.88- 07.91	111059	12 0.9
					08.91- 07.92	111749	12 1.1
					09.88- 07.90	111751	12 1.0
Corrado 1.8 G60	[PG]				AT 09.88- 07.91	111059	12 0.9
					08.91- 09.93	111748	12 1.1
					08.91- 09.93	111749	12 1.1
					09.88- 07.90	111751	12 1.0
					08.90- 07.91	112131	12 1.4
Corrado 2.0 i	[2E]	04.93- 09.94	111352	14 70	04.93- 09.94	111749	12 1.1
		04.93- 09.94	111479	14 90			
		AC 04.93- 09.94	111477	14 90			
	[ADY]	10.94- 07.95	111352	14 70	10.94- 07.95	111749	12 1.1
Corrado 2.0 i 16V	[9A]	10.94- 07.95	111479	14 90	AT 10.94- 07.95	111748	12 1.1
		08.91- 07.95	112750	14 90	08.91- 07.95	111749	12 1.1
Corrado 2.9 VR6	[ABV]	08.91- 07.92	111353	14 70	AT 08.91-	112166	12 1.7
		08.92-	111477	14 90	AT 08.91-	112286	12 1.7
Crafter 30-35 2.5 TDi	[BJJ]	04.06-	113992	14 140 A47	04.06-	114317	12 2.0
		04.06-	114109	14 180			
		04.06-	115370	14 110			
	[BJK]	04.06-	113992	14 140 A47	04.06-	114317	12 2.0
		04.06-	114109	14 180			
		04.06-	115370	14 110			
	[BJL]	04.06-	113992	14 140 A47	04.06-	114317	12 2.0
		04.06-	114109	14 180			
		04.06-	115370	14 110			
	[BJM]	04.06-	113992	14 140 A47	04.06-	114317	12 2.0
		04.06-	114109	14 180			
		04.06-	115370	14 110			
Crafter 30-50 2.5 TDi	[BJJ]	04.06-	113992	14 140 A47	04.06-	114317	12 2.0
		04.06-	114109	14 180			
		04.06-	115370	14 110			
	[BJK]	04.06-	113992	14 140 A47	04.06-	114317	12 2.0
		04.06-	114109	14 180			
		04.06-	115370	14 110			
	[BJL]	04.06-	113992	14 140 A47	04.06-	114317	12 2.0
		04.06-	114109	14 180			
		04.06-	115370	14 110			
	[BJM]	04.06-	113992	14 140 A47	04.06-	114317	12 2.0
		04.06-	114109	14 180			
		04.06-	115370	14 110			
Derby 0.9	[HA]	08.79- 09.81	110913	14 70			
		02.80- 09.81	110360	14 45			
Derby 1.0	[GL]	10.81- 12.84	110360	14 45	08.84- 12.84	111058	12 0.8
		10.81- 12.84	110913	14 70			
Derby 1.1	[HB]	02.77- 07.83	110360	14 45			
		08.79- 07.83	110913	14 70			
Derby 1.3	[GK]	09.82- 12.84	110360	14 45	08.84- 12.84	111058	12 0.8
		09.82- 12.84	110913	14 70			
	[HH]	08.79- 07.83	110913	14 70			
		02.80- 07.83	110360	14 45			
	[HJ]	01.77- 09.81	110360	14 45			
		08.79- 09.81	110913	14 70			
[HK]	08.83- 12.84	110360	14 45	08.84- 12.84	111058	12 0.8	
	08.83- 12.84	110913	14 70				
Eos 1.4 TSi	[CAXA]				05.08-	114163	12 1.1
	[CTHD]	05.08-	114769	14 110	05.08-	114163	12 1.1
EOS 1.6 FSi	[BLF]	06.06-	114769	14 110	06.06-	114175	12 1.1
EOS 2.0 FSi	[BVY]	03.06-	113992	14 140 A47	03.06-	114163	12 1.1
EOS 2.0 TFSi	[BWA]	03.06-	113992	14 140 A47	AT 03.06-	115333	12 1.0
		[CAWB]	05.08-	113992	14 140 A47	03.06-	113509
					03.06-	113773	12 1.1
Eos 2.0 TSi	[CCZA]				AT 05.09-	115333	12 1.0
	[CCZB]				DKG 11.09-	115333	12 1.0
EOS 2.0 TDi	[BMM]	06.06-	113992	14 140 A47	06.06-	113841	12 1.7
		06.06-	115370	14 110			
Eos 2.0 TDi 16V	[CBAB]	05.08-	113992	14 140 A47	A25 05.08-	115402	12 1.8
	[BUB]	06.06-	113992	14 140 A47	06.06-	113509	12 2.0
Fox 1.2	[BMD]	04.05-	113253	14 90	04.05-	113515	12 0.9
		[CHFA]	09.10-	113253	14 90	09.10-	113515
Fox 1.4	[BKR]	04.05-	113870	14 70	04.05-	113515	12 0.9
		AC 04.05-	112274	14 90			
Fox 1.4 TDi	[BNM]	04.05-	112079	14 90 A47	04.05-	112438	12 2.0
		04.05-	113873#	14 70			
Golf 1.6 BiFuel Plus	[CHGA]	05.09-	113992	14 140 A47			
Golf 1.6 TDi Plus	[CAYB]	02.09-	113992	14 140 A47			
Golf VI 1.2 TSi	[CBZA]				A49 05.10- 11.12	115337	12 2.0
	[CBZB]				05.10-	114175	12 1.1
Golf VI 1.4 TSi	[CAVD]	06.11-	113861	14 110	06.11-	114175	12 1.1
	[CAXA]	06.11-	113861	14 110			

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**VW** Continued

Golf VI 1.6 Multitjet	[CMXA]	07.09-	113861	14 110	07.09-	114176	12 1.0
		07.09-	113992	14 140 A47			
Golf VI 1.6 TDI	[CAYC]	06.11-	113992	14 140 A47	A25 06.11-	115336	12 2.2
Golf VI 2.0 TSI	[CCZB]	06.11-	114722	14 140	06.11-	113773	12 1.1
Golf VI 2.0 TDI	[CFHC]				06.11-	115402	12 1.8
Golf I 1.1	[FA]	04.74- 07.79	110360	14 45			
	[GG]	04.74- 07.83	110360	14 45	08.81- 07.83	111058	12 0.8
		08.79- 07.83	110913	14 70			
Golf I 1.3	[GF]	09.79- 07.83	110913	14 70	06.74- 07.83	110864	12 0.7
		02.80- 07.83	110360	14 45			
	[GS]	08.82- 07.83	110360	14 45	08.82- 07.83	111058	12 0.8
		08.82- 07.83	110913	14 70			
Golf I 1.5	[FH]				AT 04.74- 12.75	110864	12 0.7
	[JB]	08.77- 07.83	110360	14 45	AT 04.74- 07.83	110864	12 0.7
		08.79- 07.83	111652#	14 65			
		08.79- 07.83	111653	14 45			
Golf I 1.5 Diesel	[CK]	08.79- 07.80	110360	14 45			
		08.79- 07.80	110913	14 70			
Golf I 1.6	[EG]	01.79- 07.82	111652#	14 65	AT 08.79- 07.82	110864	12 0.7
		01.79- 07.82	111653	14 45			
	[EM]	08.79- 07.83	110919	14 70	08.79- 07.83	110864	12 0.7
		08.79- 07.83	111652#	14 65			
		08.79- 07.83	111653	14 45			
	[EW]	08.83- 07.85	110919	14 70	AT 08.83- 12.92	110864	12 0.7
		08.85- 12.92	112149	14 65	08.83- 12.92	111059	12 0.9
	[FN]				08.75- 02.84	111059	12 0.9
	[FP]				AT 08.75- 07.77	110864	12 0.7
	[FT]				AT 08.75- 07.77	110864	12 0.7
	[RE]	04.86- 07.90	112149	14 65	AT 04.86- 02.90	110864	12 0.7
					04.86- 02.90	111059	12 0.9
	Golf I 1.6 GTI	[EG]	09.77- 07.82	111652#	14 65		
		09.77- 07.82	111653	14 45			
Golf I 1.6 Diesel	[CR]	08.80- 07.83	110360	14 45	08.80- 07.83	110996	12 1.7
		08.80- 07.83	110913	14 70			
	[JK]	08.80- 07.83	110360	14 45	08.80- 07.83	110996	12 1.7
		08.80- 07.83	110913	14 70			
Golf I 1.6 TD	[CY]	03.82- 07.83	110360	14 45	03.82- 07.83	110996	12 1.7
		03.82- 07.83	110913	14 70			
Golf I 1.8	[2H]	08.89- 08.93	112149	14 65	08.89- 08.93	111059	12 0.9
	[DX]	08.82- 07.83	111652#	14 65	08.83- 07.92	111059	12 0.9
		08.82- 07.83	111653	14 45			
		08.83- 07.85	110919	14 70			
		08.85- 07.92	112149	14 65			
	[EV]	01.84- 07.85	110919	14 70	01.84- 07.87	111059	12 0.9
		08.85- 07.87	112149	14 65			
	[EX]	08.83- 07.85	110919	14 70	08.83- 09.92	113844	12 0.95
		08.85- 12.92	112149	14 65	08.83- 12.92	111059	12 0.9
	[JH]	08.83- 07.85	110919	14 70	08.83- 08.93	111059	12 0.9
		08.85- 08.93	112149	14 65	AT 08.83- 08.93	110864	12 0.7
					08.83- 04.93	113844	12 0.95
	[PB]	01.87- 07.92	112149	14 65	01.87- 07.92	111059	12 0.9
Golf I 1.8 GTI	[DX]	08.82- 07.83	111652#	14 65			
		08.82- 07.83	111653	14 45			
	[JJ]	08.82- 07.83	111652#	14 65	08.82- 12.83	111748	12 1.1
		08.82- 07.83	111653	14 45			
Golf II 1.0	[GN]				08.83- 07.85	111058	12 0.8
	[HZ]	08.85- 10.91	111288	14 65	08.85- 10.91	111058	12 0.8
		08.85- 10.91	112763	14 55			
Golf II 1.3	[2G]	01.89- 07.92	111288	14 65	01.89- 07.92	111058	12 0.8
		01.89- 07.92	112763	14 55			
	[GT]	07.85- 07.87	111288	14 65	08.83- 07.87	111058	12 0.8
		07.85- 07.87	112763	14 55			
	[HK]				08.83- 07.85	111058	12 0.8
	[MH]	08.85- 12.88	111288	14 65	08.85- 12.88	111058	12 0.8
		08.85- 12.88	112763	14 55			
	[NU]	08.85- 12.87	111288	14 65	08.85- 12.87	111058	12 0.8
	08.85- 12.87	112763	14 55				
[NZ]	08.85- 07.92	111288	14 65	08.85- 07.92	111058	12 0.8	
	08.85- 07.92	112763	14 55				
Golf II 1.6	[ABN]	08.83- 07.85	110919	14 70	08.83- 08.91	111748	12 1.1
		08.85- 07.88	112149	14 65			
	[EZ]	08.83- 07.85	110919	14 70	AT 08.83- 08.91	110864	12 0.7
		08.85- 08.91	112149	14 65	08.83- 08.91	111059	12 0.9
	[HM]	08.83- 07.85	110919	14 70	AT 08.83- 07.88	110864	12 0.7
		08.85- 07.88	112149	14 65	08.83- 07.88	111059	12 0.9
	[PN]	10.86- 07.92	112149	14 65	AT 08.86- 07.92	110864	12 0.7
				08.86- 07.92	111059	12 0.9	
[RF]	02.86- 10.91	112149	14 65	02.86- 10.91	111059	12 0.9	
				AT 02.86- 10.91	110864	12 0.7	
Golf II 1.6 Diesel	[JP]	08.85- 10.91	110902	14 45	08.83- 07.92	111059	12 0.9
		08.85- 10.91	111152#	14 45	08.83- 10.91	111060	12 1.7
		08.85- 10.91	111154	14 65			
		08.85- 10.91	111288	14 65			
		AC 08.83- 05.84	112729	14 90			
	[ME]	05.88- 10.91	110902	14 45	05.88- 10.91	111060	12 1.7
		05.88- 10.91	111152#	14 45	08.83- 07.92	111059	12 0.9
		05.88- 10.91	111154	14 65			
	05.88- 10.91	111288	14 65				



Golf II 1.6 TD	[1V]	08.89- 07.92	110902	14 45	08.89- 07.92	111060	12 1.7
		08.89- 07.92	111152#	14 45			
		08.89- 07.92	111154	14 65			
		08.89- 07.92	111288	14 65			
	[JR]	08.85- 10.91	110902	14 45	08.83- 07.92	111059	12 0.9
		08.85- 10.91	111152#	14 45	08.83- 10.91	111060	12 1.7
		08.85- 10.91	111154	14 65			
		08.85- 10.91	111288	14 65			
		AC 08.83- 05.84	112729	14 90			
	[MF]	05.88- 10.91	110902	14 45	08.83- 07.92	111059	12 0.9
		05.88- 10.91	111152#	14 45	05.88- 10.91	111060	12 1.7
		05.88- 10.91	111154	14 65			
		05.88- 10.91	111288	14 65			
	[RA]	04.89- 02.90	110902	14 45	04.89- 02.90	111060	12 1.7
		04.89- 02.90	111152#	14 45			
04.89- 02.90		111154	14 65				
04.89- 02.90		111288	14 65				
[SB]	04.89- 10.91	110902	14 45	04.89- 10.91	111060	12 1.7	
	04.89- 10.91	111152#	14 45				
	04.89- 10.91	111154	14 65				
	04.89- 10.91	111288	14 65				
Golf II 1.8	[GU]	08.83- 07.85	110919	14 70	08.84- 10.91	113844	12 0.95
		08.85- 10.91	112149	14 65	08.83- 10.91	111059	12 0.9
	[GX]	06.83- 07.85	110919	14 70	08.84- 10.91	113844	12 0.95
		08.85- 10.91	112149	14 65	08.83- 10.91	111059	12 0.9
	[HV]	08.83- 07.85	110919	14 70	08.83- 10.91	113844	12 0.95
		08.85- 07.87	112149	14 65	08.83- 07.87	111059	12 0.9
	[RH]	08.86- 07.90	112149	14 65	08.86- 07.90	111059	12 0.9
	[RP]	06.83- 07.85	110919	14 70	08.87- 10.91	111748	12 1.1
		08.85- 10.91	112149	14 65	08.87- 10.91	113844	12 0.95
	Golf II 1.8 Syncro	[1P]	08.88- 07.91	112149	14 65	08.88- 07.91	111059
[GU]		02.86- 07.91	112149	14 65	02.86- 07.91	111059	12 0.9
[GX]		02.86- 07.88	112149	14 65	02.86- 07.88	111059	12 0.9
[RH]		08.87- 07.88	112149	14 65	08.87- 07.88	111059	12 0.9
[RP]		08.87- 10.91	112149	14 65	08.87- 07.91	111059	12 0.9
Golf II 1.8 G60 GTi	[PG]				04.90- 07.90	111751	12 1.0
					08.90- 07.91	112131	12 1.4
Golf II 1.8 G60 Syncro	[1H]				01.89- 01.90	111751	12 1.0
					04.90- 07.91	112131	12 1.4
	[PG]				01.90- 07.90	111751	12 1.0
				08.90- 07.91	112131	12 1.4	
Golf II 1.8 GTi	[DX]				AT 11.84- 12.92	110864	12 0.7
	[EV]	08.83- 07.85	110919	14 70	08.83- 07.87	111059	12 0.9
		08.85- 07.87	112149	14 65			
	[GZ]	08.83- 07.85	110919	14 70	08.83- 07.87	111059	12 0.9
		08.85- 07.87	112149	14 65			
	[HT]	01.85- 07.85	110919	14 70			
	[PB]	08.85- 10.91	112149	14 65	01.87- 10.91	111059	12 0.9
	[PF]	08.85- 10.91	112149	14 65	08.85- 10.91	111059	12 0.9
					01.87- 10.91	113844	12 0.95
	[RD]	08.85- 10.87	112149	14 65	08.85- 10.87	111059	12 0.9
				08.85- 12.87	113844	12 0.95	
Golf II 1.8 GTi 16V	[KR]	02.86- 10.91	111160#	14 65	02.86- 10.91	111059	12 0.9
	[PL]	02.86- 10.91	111160#	14 65	02.86- 10.91	111059	12 0.9
Golf III 1.4	[ABD]	11.91- 07.95	111352	14 70	04.94- 07.95	111748	12 1.1
		11.91- 07.95	111479	14 90	03.95- 111059	12 0.9	
		PS 11.91- 07.95	111353	14 70	08.92- 07.95	112307	12 1.1
		PS 11.91- 07.95	111477	14 90	07.95- 12.97	112236	12 1.8
		AC 11.91- 07.95	111353	14 70			
		AC 11.91- 07.95	111477	14 90			
	[AEX]	07.95- 04.99	111352	14 70	03.95- 111059	12 0.9	
		07.95- 04.99	111479	14 90	07.95- 04.99	111909	12 1.1
					07.95- 04.99	115504	12 1.1 A49
		PS 07.95- 04.99	111353	14 70	07.95- 12.97	112236	12 1.8
		PS 07.95- 04.99	111477	14 90	11.91- 04.99	111748	12 1.1
	[APOQ]	12.97- 05.98	111352	14 70	12.97- 05.98	111748	12 1.1
		12.97- 05.98	111479	14 90	07.95- 12.97	112236	12 1.8
					12.97- 05.98	115504	12 1.1 A49
		AC 12.97- 05.98	111353	14 70	03.95- 111059	12 0.9	
	AC 12.97- 05.98	111477	14 90	12.97- 05.98	111909	12 1.1	
Golf III 1.6	[ABU]	09.92- 09.94	111352	14 70	09.92- 09.94	112307	12 1.1
		09.92- 09.94	111479	14 90			
		ACPS 09.92- 09.94	111353	14 70			
		ACPS 09.92- 09.94	111477	14 90			
		AC 09.92- 09.94	111353	14 70			
		AC 09.92- 09.94	111477	14 90			
	[AEA]	10.94- 12.97	111352	14 70	10.94- 12.97	111909	12 1.1
		10.94- 12.97	111479	14 90	10.94- 12.97	111748	12 1.1
					10.94- 12.97	112236	12 1.8
					10.94- 03.95	115504	12 1.1 A49
	[AEE]	07.95- 12.97	111353	14 70	07.95- 12.97	111748	12 1.1
		07.95- 12.97	111477	14 90	07.95- 12.97	111909	12 1.1
					03.95- 111059	12 0.9	
					07.95- 12.97	112236	12 1.8
					02.96- 12.97	115504	12 1.1 A49



**VW** Continued

**Application list**

	[AEK]	10.94- 12.95	111352	14 70	10.94- 12.95	115504	12 1.1	A49	
		10.94- 12.95	111479	14 90	10.94- 12.97	112236	12 1.8		
		PS 07.94- 12.95	111353	14 70	10.94- 12.95	111909	12 1.1		
		PS 07.94- 12.95	111477	14 90	10.94- 12.95	111748	12 1.1		
		AC 07.94- 12.95	111353	14 70					
		AC 07.94- 12.95	111477	14 90					
	[AFT]	12.95- 02.99	111352	14 70	12.95- 05.98	115504	12 1.1	A49	
		12.95- 02.99	111479	14 90	12.95- 05.98	111909	12 1.1		
		PS 12.95- 02.99	111353	14 70	12.95- 12.97	112236	12 1.8		
		PS 12.95- 02.99	111477	14 90	12.95- 02.99	111748	12 1.1		
		AC 12.95- 02.99	111353	14 70					
		AC 12.95- 02.99	111477	14 90					
	[AKS]	12.95- 02.99	111352	14 70	04.97- 10.00	111909	12 1.1		
		12.95- 12.97	111353	14 70	05.97- 12.97	112236	12 1.8		
		12.95- 02.99	111479	14 90	05.97- 10.00	115504	12 1.1	A49	
		PS 05.97- 02.99	111353	14 70	12.95- 02.99	111748	12 1.1		
		PS 05.97- 02.99	111477	14 90					
		AC 12.95- 02.99	111477	14 90					
	[ABS]	11.91- 07.95	111352	14 70	11.91- 07.95	111909	12 1.1		
		11.91- 07.95	111479	14 90	11.91- 07.95	115504	12 1.1	A49	
		AC 11.91- 09.94	111353	14 70	11.91- 07.95	111748	12 1.1		
		AC 11.91- 07.95	111477	14 90					
Golf III 1.8	[ACC]				11.91- 08.97	111748	12 1.1		
					12.94- 12.97	112236	12 1.8		
					11.91- 12.97	115504	12 1.1	A49	
	[ADZ]	10.94- 04.99	111352	14 70	10.94- 12.97	112236	12 1.8		
		10.94- 04.99	111479	14 90	10.94- 12.97	111748	12 1.1		
		AC 10.94- 04.99	111353	14 70	10.94- 04.99	115504	12 1.1	A49	
		AC 10.94- 04.99	111477	14 90	10.94- 04.99	111909	12 1.1		
	[ANN]				07.93- 04.99	111909	12 1.1		
					07.93- 04.99	115504	12 1.1	A49	
	[ANP]				07.93- 04.99	111909	12 1.1		
					12.97- 04.99	115504	12 1.1	A49	
	[AAM]	11.91- 04.99	111352	14 70	11.91- 04.99	111909	12 1.1		
		11.91- 04.99	111479	14 90	11.91- 05.98	111748	12 1.1		
		PS 07.92- 12.97	111353	14 70	11.91-	112236	12 1.8		
		AC 11.91- 04.99	111353	14 70	11.91- 04.99	115504	12 1.1	A49	
		AC 11.91- 04.99	111477	14 90					
Golf III 1.8 Syncro	[ABS]	01.93- 09.94	111352	14 70	09.93- 07.95	112236	12 1.8		
		01.93- 09.94	111479	14 90	01.93- 09.94	111749	12 1.1		
		AC 01.93- 09.94	111353	14 70					
		AC 01.93- 09.94	111477	14 90					
	[ADZ]	10.94- 12.97	111352	14 70	10.94- 12.97	112005	12 1.1		
		10.94- 12.97	111479	14 90	10.94- 12.97	111749	12 1.1		
		AC 10.94- 12.97	111353	14 70					
		AC 10.94- 12.97	111477	14 90					
Golf III 1.9 Diesel	[1Y]	11.91- 04.99	111352	14 70	ECO 11.91- 04.99	112286	12 1.7		
		11.91- 04.99	111479	14 90					
		AC 11.91- 12.97	111353	14 70					
		AC 11.91- 12.97	111477	14 90					
		AC 07.93- 04.99	111884	14 90					
Golf III 1.9 SDI	[AEY]	01.95-	111988	14 120	01.95- 12.95	111900	12 1.8		
					01.95-	111751	12 1.0		
		04.97-	111353	14 70	01.95-	112286	12 1.7		
		AC 01.95-	111353	14 70					
		AC 01.95-	111477	14 90					
Golf III 1.9 TD	[AAZ]	11.91- 04.99	111352	14 70	11.91- 04.99	112286	12 1.7		
		11.91- 04.99	111479	14 90	07.96-	111900	12 1.8		
		AC 11.91- 04.99	111353	14 70					
		AC 11.91- 04.99	111477	14 90					
		AC 11.91- 04.99	111884	14 90					
Golf III 1.9 TDI	[1Z]	09.93- 07.96	111353	14 70	AT 04.94- 07.96	112286	12 1.7		
		09.93- 07.96	111477	14 90	04.94- 07.96	111900	12 1.8		
		09.93- 07.96	111988	14 120	04.94- 07.96	115503	12 1.8	A49	
					09.93- 12.95	111751	12 1.0		
	[AFN]	03.96- 04.98	111353	14 70	02.96- 08.99	115503	12 1.8	A49	
		03.96- 04.98	111477	14 90	02.96-	111900	12 1.8		
		03.96-	111988	14 120	AT 02.96-	112286	12 1.7		
		04.96- 08.99	111828	14 120					
	[AHU]	07.96- 02.99	111353	14 70	07.96- 02.99	111900	12 1.8		
		07.96- 02.99	111477	14 90	AT 08.96- 02.99	112286	12 1.7		
		07.96- 02.99	111988	14 120	07.96- 02.99	115503	12 1.8	A49	
		GPH 08.96- 12.97	111828	14 120					
		AC 08.96- 05.98	111828	14 120					
		AC 08.96- 05.98	111884	14 90					
	[ALE]	05.97- 12.97	111353	14 70	05.97- 12.97	111900	12 1.8		
		05.97- 12.97	111477	14 90	AT 05.97- 12.97	112286	12 1.7		
		05.97- 12.97	111988	14 120	05.97- 02.99	115503	12 1.8	A49	
		GPH 05.97- 12.97	111828	14 120					
		AC 05.97- 12.97	111884	14 90					
	[AVG]				08.99- 10.00	115503	12 1.8	A49	
Golf III 1.9 TDI Syncro	[1Z]	08.95- 07.96	111353	14 70	03.95- 07.96	111900	12 1.8		
		08.95- 07.96	111477	14 90	03.95- 07.96	115503	12 1.8	A49	
		08.95- 07.96	111988	14 120					
	[AHU]	07.96-	111353	14 70	07.96-	111900	12 1.8		
		07.96-	111477	14 90	08.96- 06.00	115503	12 1.8	A49	
		07.96-	111988	14 120					
		A21 08.96- 12.97	111828	14 120					





	[ALE]	05.96- 05.96- 05.96-	111353 111477 111988	14 70 14 90 14 120	05.96- 05.96- 12.01	111900 115503	12 1.8 12 1.8 A49
Golf III 2.0	[2E]	07.93- 09.94 07.93- 09.94 AC 09.93- 09.94 AC 09.93- 09.94	111352 111479 111353 111477	14 70 14 90 14 70 14 90	09.93- 09.94 09.93- 09.94 07.93- 09.94	111909 115504 111748	12 1.1 12 1.1 A49 12 1.1
	[ADY]	10.94- 05.96 10.94- 05.96 AC 10.94- 07.95 AC 10.94- 07.95	111352 111479 111353 111477	14 70 14 90 14 70 14 90	10.94- 05.96 10.94- 07.95 10.94- 05.96 10.94- 05.96	111909 112236 115504 111748	12 1.1 12 1.8 12 1.1 A49 12 1.1
	[AGG]	07.95- 04.99 07.95- 04.99 AC 07.95- 04.99 AC 07.95- 04.99	111352 111479 111353 111477	14 70 14 90 14 70 14 90	07.95- 04.99 07.95- 07.95- 04.99 07.95- 04.99	111909 112236 115504 111748	12 1.1 12 1.8 12 1.1 A49 12 1.1
	[AKR]	04.97- 04.99 04.97- 04.99 AC 04.97- 04.99 AC 04.97- 04.99	111352 111479 111353 111477	14 70 14 90 14 70 14 90	04.97- 04.99 04.97- 04.99 04.97- 04.99 04.97- 04.99	111748 115504 111909	12 1.1 12 1.1 A49 12 1.1
Golf III 2.0 Syncro	[AGG]	08.95- 12.97 08.95- 12.97 08.95- AC 08.95- 12.97 AC 08.95- 12.97	111352 111353 111479 111353 111477	14 70 14 70 14 90 14 70 14 90	07.95- 10.95- 12.97	111749 112005	12 1.1 12 1.1
Golf III 2.0 GTi	[2E]	11.91- 09.94 11.91- 09.94 AC 11.91- 09.94 AC 11.91- 09.94	111352 111479 111353 111477	14 70 14 90 14 70 14 90	11.91- 09.94	111748	12 1.1
	[ADY]	10.94- 12.97 10.94- 12.97 AC 10.94- 12.97 AC 10.94- 12.97	111352 111479 111353 111477	14 70 14 90 14 70 14 90	10.94- 12.97 10.94- 12.97 10.94- 12.97	111909 115504 111748	12 1.1 12 1.1 A49 12 1.1
	[AGG]	07.95- 12.97 07.95- 12.97 AC 07.95- 12.97 AC 07.95- 12.97	111352 111479 111353 111477	14 70 14 90 14 70 14 90	07.95- 12.97 07.95- 12.97 07.95- 12.97 07.95- 12.97	111748 115504 111909	12 1.1 12 1.1 A49 12 1.1
	[AKR]	05.97- 12.97 05.97- 12.97 AC 05.97- 12.97 AC 05.97- 12.97	111352 111479 111353 111477	14 70 14 90 14 70 14 90	05.97- 12.97 05.97- 12.97 05.97- 12.97	111748 115504 111909	12 1.1 12 1.1 A49 12 1.1
Golf III 2.0 GTi 16V	[ABF]	08.92- 12.97 08.92- 12.97	111353 111477	14 70 14 90	08.92- 12.97 AT 08.92- 12.97 AT 08.92- 12.97 08.92- 12.97 08.92- 12.97	111749 111909 111748 112005 115504	12 1.1 12 1.1 12 1.1 12 1.1 12 1.1 A49
Golf III 2.8 VR6	[AAA]	04.92- 12.94 01.95- 12.97	111991 112709	14 120 14 120	AT 01.92- 12.97 01.92- 12.97	112286 112166	12 1.7 12 1.7
Golf III 2.9 VR6	[ABV]	07.95-	112709	14 120	07.95-	112166	12 1.7
Golf III 2.9 VR6 Syncro	[ABV]	01.95- 12.97	112709	14 120	01.94-	112166	12 1.7
Golf IV 1.4 16V	[AHW]	10.97- 05.98 05.98- 05.98- 05.98- 06.06 AC 05.98- AC 05.98-	111820 111989 112075 115482 111989 112075	14 90 14 90 14 70 14 90 A49 14 90 14 70	10.97- 06.06 10.97-	115504 111909	12 1.1 A49 12 1.1
	[AKQ]	10.97- 05.98 05.98- 05.00 05.98- 05.00 05.98- 05.00 AC 05.98- 05.00 AC 05.98- 05.00	111820 111989 112075 115482 111989 112075	14 90 14 90 14 70 14 90 A49 14 90 14 70	10.97- 05.00 10.97- 05.00	115504 111909	12 1.1 A49 12 1.1
	[APE]	05.99- 05.00 05.99- 05.00 05.99- 05.00 AC 05.99- 05.00 AC 05.99- 05.00	111989 112075 115482 111989 112075	14 90 14 70 14 90 A49 14 90 14 70	05.99- 05.00 10.97- 05.00	115504 111909	12 1.1 A49 12 1.1
	[AXP]	05.00- 05.00- 08.97- 06.05 AC 05.00- AC 05.00-	111989 112075 115482 111989 112075	14 90 14 70 14 90 A49 14 90 14 70	10.97- 05.00- 10.01	111909 115504	12 1.1 12 1.1 A49
	[BCA]	10.01- 05.04	115482	14 90 A49	10.97-	111909	12 1.1
Golf IV 1.6	[AEH]	08.97- 02.00 08.97- 02.00 01.98- 05.98 01.98- 04.01 01.98- 04.01 05.98- 05.98-	112002 114797 111820 115482 115483 111989 112075	14 120 A47 14 120 A46 14 90 14 90 A49 14 120 A49 14 90 14 70	01.98- 04.01 01.98-	115504 111909	12 1.1 A49 12 1.1
	[AFT]	06.98- 06.98- AC 06.98- AC 06.98-	111352 111479 111353 111477	14 70 14 90 14 70 14 90	06.98- 06.98- 10.00	111909 115504	12 1.1 12 1.1 A49

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**VW** Continued

	[AKL]	08.97-	112002	14 120 A47	10.97- 02.00	115504	12 1.1	A49
		08.97- 02.00	114797	14 120 A46	10.97-	111909	12 1.1	
		10.97- 05.98	111820	14 90				
		10.97- 02.00	115483	14 120 A49				
		05.98-	111989	14 90				
		05.98-	112075	14 70				
		05.98- 02.00	115482	14 90 A49				
	[AKS]	06.98-	111352	14 70	05.97- 02.99	112236	12 1.8	
		06.98-	111479	14 90	06.98-	111909	12 1.1	
		AC 06.98-	111353	14 70	04.98- 10.00	115504	12 1.1	A49
	AC 06.98-	111477	14 90					
[APF]	05.00- 08.00	111989	14 90	05.99- 08.00	115504	12 1.1	A49	
	05.00- 08.00	112075	14 70	08.97- 02.00	111909	12 1.1		
	05.99- 02.00	112002	14 120 A47					
	05.99- 02.00	114797	14 120 A46					
	05.99- 08.00	115482	14 90 A49					
	05.99- 08.00	115483	14 120 A49					
[AVU]	08.00-	111989	14 90	08.00-	111909	12 1.1		
	08.00-	112002	14 120 A47	08.00- 06.05	115504	12 1.1	A49	
	08.00-	112075	14 70					
	08.00- 06.05	114797	14 120 A46					
	08.00- 06.05	115482	14 90 A49					
	08.00- 06.05	115483	14 120 A49					
[AWB]	08.03- 06.05	115482	14 90 A49	08.03- 06.05	112286	12 1.7		
[BAD]				01.02-	112435	12 1.1		
[BFO]	08.00- 06.05	115482	14 90 A49	08.00- 06.05	115504	12 1.1	A49	
	08.00- 06.05	115483	14 120 A49					
[BJH]	08.00- 06.05	115482	14 90 A49	08.00- 06.05	115504	12 1.1	A49	
	08.00- 06.05	115483	14 120 A49					
Golf IV 1.6 16V	[ATN]	11.99-	111989	14 90	11.99-	111909	12 1.1	
		11.99- 06.05	115482	14 90 A49	11.99- 06.05	115504	12 1.1	A49
	[AUS]	05.00-	111989	14 90	05.00- 06.05	115504	12 1.1	A49
		05.00-	112273	14 70	05.00-	111909	12 1.1	
		05.00- 06.05	115482	14 90 A49				
		AC 05.00-	111989	14 90				
	[AZD]	09.00-	111989	14 90	09.00- 06.05	115504	12 1.1	A49
		09.00-	112273	14 70	09.00-	111909	12 1.1	
		09.00- 06.05	115482	14 90 A49				
		AC 09.00-	111989	14 90				
[BCB]	11.01-	112273	14 70	11.01-	111909	12 1.1		
	11.01- 05.04	115482	14 90 A49	11.01- 05.04	115504	12 1.1	A49	
	Chas. 1J-X-000 001- 11.01-	111989	14 90					
	AC 11.01-	111989	14 90					
Golf IV 1.6 FSI	[BAD]				01.02-	112435	12 1.1	
	[BAG]	10.03- 07.04	114769	14 110				
Golf IV 1.8	[ADZ]	06.98-	111352	14 70	06.98- 06.02	111909	12 1.1	
		06.98-	111479	14 90				
		AC 06.98-	111477	14 90				
	[AGN]	12.03- 06.05	115482	14 90 A49	08.97-	111749	12 1.1	
		08.97-	111820	14 90	AT 10.97-	111909	12 1.1	
		08.97-	112075	14 70	08.97-	111748	12 1.1	
					10.97- 12.03	115504	12 1.1	A49
	[AGU]	08.97-	111820	14 90	AT 08.97-	111909	12 1.1	
		08.97-	112075	14 70	08.97-	111749	12 1.1	
	[ANN]	06.98-	111352	14 70	06.98- 06.02	111909	12 1.1	
		06.98-	111479	14 90				
		AC 06.98-	111477	14 90				
	[ANP]	06.98-	111352	14 70	06.98- 06.02	111909	12 1.1	
		06.98-	111479	14 90				
		AC 06.98-	111477	14 90				
	[ARZ]				08.97- 06.05	115504	12 1.1	A49
	[AUM]	09.00- 05.06	115482	14 90 A49	6SP 09.00- 05.03	112429	12 2.0	
		09.00- 05.06	115483	14 120 A49	09.00- 05.06	115504	12 1.1	A49
		09.02- 05.03	111989	14 90				
	08.97- 06.05	112002	14 120 A47					
	08.97- 06.05	114797	14 120 A46					
[BAF]	12.03- 06.05	115482	14 90 A49					
[AAM]	06.98-	111352	14 70	06.98- 10.00	111909	12 1.1		
	06.98-	111479	14 90					
	AC 06.98-	111477	14 90					
Golf IV 1.8 4 Motion	[AGN]	10.97- 10.00	115482	14 90 A49	10.98- 10.00	115504	12 1.1	A49
		05.98-	111989	14 90	07.98-	112005	12 1.1	
		05.98-	112075	14 70	AT 05.99-	111909	12 1.1	
Golf IV 1.8 GTI Turbo	[AUQ]	06.01-	111989	14 90	AT 08.01- 06.05	114308	12 1.4	
		06.01-	112075	14 70	08.01- 06.05	114174	12 1.1	
		06.01- 06.05	115482	14 90 A49				
		06.01- 06.05	115483	14 120 A49				
		08.01-	112002	14 120 A47				
Golf IV 1.8 Turbo	[AGU]	05.00- 05.03	111989	14 90	5SP 05.00- 05.03	111909	12 1.1	
		05.00-	112002	14 120 A47	6SP 05.00- 05.03	112429	12 2.0	
		05.00- 05.03	112075	14 70	AT 05.00-	114308	12 1.4	
		05.00-	114797	14 120 A46	05.00- 05.03	115504	12 1.1	A49
		05.00- 05.03	115482	14 90 A49				
		05.00- 05.03	115483	14 120 A49				



	[AUM]	05.00- 05.00- 09.00- 05.03 09.00- 05.03 09.00- 05.03 09.00- 05.03	112002 114797 111989 112075 115482 115483	14 120 A47 14 120 A46 14 90 14 70 14 90 A49 14 120 A49	6SP 09.00- 05.03 5SP 09.00- 05.03 09.00- 05.03	112429 111909 115504	12 2.0 12 1.1 12 1.1 A49
Golf IV 1.9 SDi	[AGP]	08.97- 08.97- 10.97- 04.01 05.99- 05.99- 05.99-	111353 113340 115483 112002 112079 114797	14 70 14 70 14 120 A49 14 120 A47 14 90 A47 14 120 A46	08.97-	112286	12 1.7
	[AQM]	08.97- 06.05 08.97- 06.05 08.97- 06.05 11.98- 05.06	112002 112079 114797 115483	14 120 A47 14 90 A47 14 120 A46 14 120 A49	08.97-	112286	12 1.7
Golf IV 1.9 TDi	[AGR]	10.97- 04.98 10.97- 10.97- 10.97- 05.04 05.98- 05.98- 05.06	111820 112002 112079 114797 113340 115483	14 90 14 120 A47 14 90 A47 14 120 A46 14 70 14 120 A49	10.97- 05.06 AT 10.97- 10.97-	115503 112286 111900	12 1.8 A49 12 1.7 12 1.8
	[AHF]	08.97- 04.98 08.97- 04.98 08.97- 08.97- 08.97- 05.04 05.98- 05.98- 05.06	111353 111820 112002 112079 114797 113340 115483	14 70 14 90 14 120 A47 14 90 A47 14 120 A46 14 70 14 120 A49	08.97- AT 08.97- 10.97- 05.06	111900 112286 115503	12 1.8 12 1.7 12 1.8 A49
	[AHU]	06.98- 06.00 06.98- 06.00 06.98- 06.00 AC 04.98- 06.00 AC 06.98- 06.00	111353 111477 111988 111828 111884	14 70 14 90 14 120 14 120 14 90	06.98- AT 06.98- 06.98- 06.00	111900 112286 115503	12 1.8 12 1.7 12 1.8 A49
	[AJM]	12.98- 12.98- 12.98- 06.01 05.99- 07.01 05.99- 05.99- 07.01	112002 112079 114797 112075 113340 115483	14 120 A47 14 90 A47 14 120 A46 14 70 14 70 14 120 A49	12.98-	112429	12 2.0
	[ALE]	06.98- 06.98- 06.98- AC 06.98- AC 06.98-	111353 111477 111988 111828 111884	14 70 14 90 14 120 14 120 14 90	05.96- 12.01 AT 06.98- 06.98-	115503 112286 111900	12 1.8 A49 12 1.7 12 1.8
	[ALH]	10.97- 04.98 10.97- 10.97- 10.97- 05.06 10.97- 05.06 05.98-	111820 112002 112079 114797 115483 113340	14 90 14 120 A47 14 90 A47 14 120 A46 14 120 A49 14 70	10.97- AT 10.97- 10.97- 05.06	111900 112286 115503	12 1.8 12 1.7 12 1.8 A49
	[ARL]	05.00- 05.00- 05.00- 06.05 10.00- 10.00- 05.06	112002 112079 114797 113340 115483	14 120 A47 14 90 A47 14 120 A46 14 70 14 120 A49	05.99- 06.05	112429	12 2.0
	[ASV]	05.00- 05.06	115483	14 120 A49	05.00- 05.06 08.97- 05.04	115503 112286	12 1.8 A49 12 1.7
	[ASZ]	11.00- 11.00- 11.00- 06.05 04.01- 04.01- 05.06	112002 112079 114797 113340 115483	14 120 A47 14 90 A47 14 120 A46 14 70 14 120 A49	04.01- 11.01	112429	12 2.0
	[ATD]	02.00- 06.06 09.00- 09.00- 09.00- 09.00- 06.05	115483 112002 112079 113340 114797	14 120 A49 14 120 A47 14 90 A47 14 70 14 120 A46	09.00- 6SP 02.00- 05.04 02.00- 06.06	111900 112429 115503	12 1.8 12 2.0 12 1.8 A49
	[AUY]	05.99- 07.01 05.99- 07.01	112075 115483	14 70 14 120 A49	12.98-	112429	12 2.0
	[AXR]	09.00- 09.00- 09.00- 09.00- 06.05 09.00- 06.06	112002 112079 113340 114797 115483	14 120 A47 14 90 A47 14 70 14 120 A46 14 120 A49	6SP 05.01- 05.04 09.00- 05.01- 06.06	112429 111900 115503	12 2.0 12 1.8 12 1.8 A49
Golf IV 1.9 TDi 4 Motion	[AGR]	10.97- 05.05 04.98- 07.98- 07.98- 07.98- 05.05 07.98- 04.02 Chas. 1J-X-000001- 07.98- 09.02	115483 113340 112002 112079 114797 115482 111989	14 120 A49 14 70 14 120 A47 14 90 A47 14 120 A46 14 90 A49 14 90	10.97- 05.05 AT 10.97- 10.97-	115503 112286 111900	12 1.8 A49 12 1.7 12 1.8
	[AJM]	02.99- 06.01 02.99- 06.01 05.99- 06.01 05.99- 06.01 05.99- 06.01	113340 115483 112002 112079 114797	14 70 14 120 A49 14 120 A47 14 90 A47 14 120 A46	02.99- 06.01	112429	12 2.0



Application list

**VW** Continued

	[ALH]	10.97-	111989	14 90		10.97-	111900	12 1.8
		04.98-	113340	14 70		AT 10.97-	112286	12 1.7
		07.98-	112002	14 120 A47		07.98- 05.06	115503	12 1.8 A49
		07.98-	112079	14 90 A47				
		07.98-	114797	14 120 A46				
		07.98- 05.06	115482	14 90 A49				
		07.98- 05.06	115483	14 120 A49				
	[ARL]	02.00-	112002	14 120 A47		09.00- 06.05	112429	12 2.0
		02.00-	112079	14 90 A47				
		02.00- 06.05	114797	14 120 A46				
		10.00-	113340	14 70				
		10.00- 05.06	115483	14 120 A49				
	[ASZ]	11.00-	112002	14 120 A47		04.01- 11.01	112429	12 2.0
		11.00-	112079	14 90 A47				
		11.00- 06.05	114797	14 120 A46				
	04.01-	113340	14 70					
	04.01- 05.06	115483	14 120 A49					
[ATD]	09.00-	112002	14 120 A47		6SP 02.00- 06.05	112429	12 2.0	
	09.00-	112079	14 90 A47		02.00- 05.06	115503	12 1.8 A49	
	09.00-	113340	14 70		09.00-	111900	12 1.8	
	09.00- 06.05	114797	14 120 A46					
	09.00- 05.06	115483	14 120 A49					
[AUY]	09.99- 06.01	112002	14 120 A47		09.99- 06.01	112429	12 2.0	
	09.99- 06.01	112079	14 90 A47					
	09.99- 06.01	113340	14 70					
	09.99- 06.01	114797	14 120 A46					
	09.99- 06.01	115483	14 120 A49					
Golf IV 2.0	[AGG]	06.98-	111352	14 70		06.98- 06.02	115504	12 1.1 A49
		06.98-	111479	14 90		06.98-	111909	12 1.1
		AC 06.98-	111477	14 90				
	[AKR]	06.98-	111352	14 70		06.98-	111909	12 1.1
		06.98-	111479	14 90		06.98- 04.00	115504	12 1.1 A49
		AC 06.98-	111477	14 90				
	[APK]	08.98-	111989	14 90		AT 08.98-	111909	12 1.1
		08.98-	112075	14 70		08.98-	112005	12 1.1
		08.98- 05.06	115482	14 90 A49		08.98- 05.06	115504	12 1.1 A49
	[AQY]	08.98- 05.00	111989	14 90		08.98-	112005	12 1.1
		08.98- 05.00	112075	14 70		AT 08.98-	111909	12 1.1
		08.98- 06.06	115482	14 90 A49		08.98- 06.06	115504	12 1.1 A49
	[ATU]	06.99- 06.00	111352	14 70		06.99- 06.00	111909	12 1.1
		AC 06.99- 06.00	111477	14 90		06.99- 06.00	115504	12 1.1 A49
	[AWF]	06.00- 06.02	111352	14 70		06.00- 06.02	111909	12 1.1
		AC 06.00- 06.02	111477	14 90		06.00- 06.02	115504	12 1.1 A49
	[AWG]	06.00- 06.02	111352	14 70		06.00- 06.02	111909	12 1.1
		AC 06.00- 06.02	111477	14 90		06.00- 06.02	115504	12 1.1 A49
	[AZG]	05.01- 04.02	111989	14 90		05.01- 04.02	112005	12 1.1
		05.01- 04.02	112075	14 70				
		05.01- 04.02	115482	14 90 A49				
		05.01- 04.02	115483	14 120 A49				
		07.98- 06.05	112002	14 120 A47				
		07.98- 06.05	114797	14 120 A46				
[AZJ]	04.00-	112002	14 120 A47		AT 05.01-	111909	12 1.1	
	04.00-	114797	14 120 A46		05.01- 06.06	115504	12 1.1 A49	
	05.01- 05.06	115483	14 120 A49		05.01-	112005	12 1.1	
	07.98- 05.04	111989	14 90					
	07.98- 05.04	112075	14 70					
	07.98- 06.06	115482	14 90 A49					
Golf IV 2.0 4 Motion	[AZH]	04.00- 06.01	111989	14 90		10.00-	111909	12 1.1
		04.00- 06.01	112075	14 70		04.00- 06.05	115504	12 1.1 A49
		04.00- 06.01	115482	14 90 A49				
		04.00- 06.01	115483	14 120 A49				
		10.00- 06.05	112002	14 120 A47				
		10.00- 06.05	114797	14 120 A46				
	[AZJ]	10.00- 06.05	112002	14 120 A47		05.01- 06.06	115504	12 1.1 A49
		10.00- 06.05	114797	14 120 A46		AT 05.01- 06.05	111909	12 1.1
		05.01- 06.05	111989	14 90				
		05.01- 06.05	112075	14 70				
Golf IV 2.0 BiFuel	[BEH]	02.02-	112002	14 120 A47		02.02-	112005	12 1.1
		02.02-	114797	14 120 A46				
		05.02-	112075	14 70				
		05.02- 06.06	115482	14 90 A49				
		05.02- 06.06	115483	14 120 A49				
		AC 05.02-	111989	14 90				
Golf IV 2.3 V5	[AGZ]	08.97-	112002	14 120 A47		AT 08.97-	112286	12 1.7
		08.97-	112079	14 90 A47		08.97- 10.00	114160	12 1.8
		08.97- 10.00	114797	14 120 A46				
		10.97- 02.01	115483	14 120 A49				
		05.98-	113340	14 70				
	[AQN]	09.00-	113340	14 70		10.00- 06.05	114160	12 1.8
		09.00- 06.05	115483	14 120 A49		6SP 09.00-	112429	12 2.0
		10.00-	112002	14 120 A47				
		10.00-	112079	14 90 A47				
		10.00- 06.05	114797	14 120 A46				



Golf IV 2.3 V5 4 Motion	[AGZ]	10.97- 02.01	115483	14 120 A49	AT 12.98-	112286	12 1.7
		12.98-	112002	14 120 A47	11.98-	114160	12 1.8
		12.98-	112079	14 90 A47			
		12.98-	113340	14 70			
		12.98- 10.00	114797	14 120 A46			
	[AQN]	09.00-	113340	14 70	10.00- 06.05	114160	12 1.8
		09.00- 06.05	115483	14 120 A49	6SP 09.00-	112429	12 2.0
		10.00-	112002	14 120 A47			
		10.00-	112079	14 90 A47			
		10.00- 06.05	114797	14 120 A46			
Golf IV 2.8 V6 4 Motion	[AQP]	03.99- 06.05	112002	14 120 A47	6SP 03.99-	112429	12 2.0
		03.99- 06.05	112079	14 90 A47			
		03.99- 06.05	114797	14 120 A46			
		05.99- 05.00	113340	14 70			
		05.99- 05.00	115483	14 120 A49			
	[AUE]	01.00- 04.01	113340	14 70	6SP 03.99- 04.01	112429	12 2.0
		01.00- 04.01	115483	14 120 A49	AT 03.99- 06.05	114308	12 1.4
		03.99- 06.05	112002	14 120 A47			
		03.99- 06.05	112079	14 90 A47			
		03.99- 06.05	114797	14 120 A46			
	[BDE]	05.01- 06.05	113340	14 70	AT 03.99- 06.05	114308	12 1.4
		05.01- 06.05	115483	14 120 A49	6SP 03.99-	112429	12 2.0
		03.99- 06.05	112002	14 120 A47			
		03.99- 06.05	112079	14 90 A47			
		03.99- 06.05	114797	14 120 A46			
Golf IV 3.2 4 Motion	[BFH]	06.02- 05.04	115483	14 120 A49	AT 09.02-	113509	12 2.0
		09.02-	112002	14 120 A47			
		09.02-	112079	14 90 A47			
		09.02- 06.05	114797	14 120 A46			
[BML]	06.02- 06.06	115483	14 120 A49				
Golf IV	[SSL]			04.01-	112435	12 1.1	
Golf Plus 1.2 TSi	[CBZA]			DKG 05.10-	115337	12 2.0	
				05.10-	114175	12 1.1	
Golf V 1.2 TSi Plus	[CBZB]			DKG 08.09-	115337	12 2.0	
				08.09-	114175	12 1.1	
Golf V 1.4	[CAXA]	05.07-	114769	14 110	05.07-	114163	12 1.1
Golf V 1.4 FSi Plus	[BLN]	07.05- 05.06	114769	14 110			
Golf V 1.4 16V	[BCA]	01.05-	112075	14 70			
		01.05-	115482	14 90 A49			
		AC 01.05-	111989	14 90			
[BUD]	05.06-	113874	14 110	05.06-	114034	12 1.0	
Golf V 1.4 16V Plus	[BUD]	01.05-	113874	14 110	01.05-	114034	12 1.0
	[CGGA]	01.05-	113874	14 110	01.05-	114034	12 1.0
	[BKG]	10.03-	114769	14 110	10.03-	113773	12 1.1
Golf V 1.4 FSi	[BLG]	11.05-	113861	14 110	11.05-	114163	12 1.1
		11.05-	114769	14 110	AT 11.05-	115333	12 1.0
	[BMY]	05.06-	113861	14 110	05.06-	114163	12 1.1
	05.06-	114769	14 110	AT 05.06-	115333	12 1.0	
	[CAVD]			07.08-	114163	12 1.1	
	[CAXA]	06.07-	114769	14 110	06.07-	114163	12 1.1
Golf V 1.4 TSi Plus	[BLG]	05.06-	113861	14 110	11.05-	114163	12 1.1
		05.06-	114769	14 110	AT 05.06-	115333	12 1.0
	[BMY]	05.06-	113861	14 110	05.06-	114163	12 1.1
	05.06-	114769	14 110	AT 05.06-	115333	12 1.0	
	[CAVD]	06.08-	114769	14 110	06.08-	114163	12 1.1
	[CAXA]	06.07-	113861	14 110	06.07-	114163	12 1.1
		06.07-	114769	14 110			
Golf V 1.6	[BGU]	01.04-	113992	14 140 A47	01.04-	113773	12 1.1
	[BSE]	01.04-	113992	14 140 A47	01.04-	113773	12 1.1
		05.05-	115482	14 90 A49			
	[BSF]	01.04-	113992	14 140 A47	01.04-	113773	12 1.1
		05.05-	115482	14 90 A49			
	[CCSA]	06.07-	113992	14 140 A47			
Golf V 1.6 Plus	[BSE]	05.05-	113992	14 140 A47	05.05-	113773	12 1.1
				05.05-	114176	12 1.0	
	[BSF]	05.05-	113992	14 140 A47	05.05-	113773	12 1.1
				05.05-	114176	12 1.0	
	[CCSA]	11.07-	113992	14 140 A47	11.07-	113773	12 1.1
				11.07-	114176	12 1.0	
Golf V 1.6 FSi	[BAG]	10.03-	114769	14 110	AT 10.03-	113773	12 1.1
	[BLF]	10.03-	114769	14 110	AT 10.03-	113773	12 1.1
				AT 01.05-	111909	12 1.1	
	[BLP]	10.03-	114769	14 110	AT 10.03-	113773	12 1.1
Golf V 1.6 Multijet	[CCSA]	10.07-	115482	14 90 A49			
		11.07-	113992	14 140 A47			
Golf V 1.6 TDI Plus	[CAYC]	03.09-	113992	14 140 A47	03.09-	114299	12 1.7
				AT 03.09-	115376	12 1.8	
				A25 03.09-	115336	12 2.2	
Golf V 1.6 Plus Multifuel	[CCSA]	11.07-	113992	14 140 A47			
	[AUQ]	06.01-	115482	14 90 A49	6 ge 08.06-	114174	12 1.1
Golf V 1.8 GTi		06.01-	115483	14 120 A49			
Golf V 1.9 TDI	[BKC]	10.03-	113992	14 140 A47	10.03-	113842	12 1.7
		10.03-	115370	14 110	AT 10.03-	113509	12 2.0
					10.03-	115508	12 1.7 A49
					10.03-	113841	12 1.7



Application list

**VW** Continued

	[BLS]	10.03- 10.03-	113992 115370	14 140 A47 14 110		10.03- 10.03- 10.03- 10.03-	113842 113509 115508 113841	12 1.7 12 2.0 12 1.7 A49 12 1.7
	[BRU]	05.04- 02.06 05.04- 02.06	113992 115370	14 140 A47 14 110		05.04- 05.04- 02.06	113842 115508	12 1.7 12 1.7 A49
	[BXE]	10.03- 10.03-	113992 115370	14 140 A47 14 110		10.03- 10.03- 10.03-	113842 113841 115508	12 1.7 12 1.7 12 1.7 A49
	[BXF]	02.06- 02.06-	113992 115370	14 140 A47 14 110		05.04- 02.06- 10.03-	113842 115508 113841	12 1.7 12 1.7 A49 12 1.7
	[BXJ]	05.07- 05.07-	113992 115370	14 140 A47 14 110		05.04-	115508	12 1.7 A49
Golf V 1.9 TDi 4 Motion	[BKC]	08.04- 08.04-	113992 115370	14 140 A47 14 110	AT, 6 Speed	08.04- 08.04- 08.04- 08.04-	113509 113842 113841 115508	12 2.0 12 1.7 12 1.7 12 1.7 A49
	[BLS]	08.04- 08.04-	113992 115370	14 140 A47 14 110		08.04- 08.04- AT, 6 Speed 08.04-	115508 113841 113509 113842	12 1.7 A49 12 1.7 12 2.0 12 1.7
	[BXE]	08.04- 08.04-	113992 115370	14 140 A47 14 110	AT, 6 Speed	08.04- 08.04- 08.04- 08.04-	113509 113842 113841 115508	12 2.0 12 1.7 12 1.7 12 1.7 A49
Golf V 1.9 TDi Plus	[BLS]	01.05- 01.05-	113992 115370	14 140 A47 14 110		01.05- 01.05-	113842 115508	12 1.7 12 1.7 A49
	[BRU]	05.04- 02.06 05.04- 02.06	113992 115370	14 140 A47 14 110		05.05- 05.05- 02.06	113842 115508	12 1.7 12 1.7 A49
	[BXF]	02.06- 02.06-	113992 115370	14 140 A47 14 110		05.05- 02.06-	113842 115508	12 1.7 12 1.7 A49
	[BXJ]	05.07- 05.07-	113992 115370	14 140 A47 14 110		05.07-	115508	12 1.7 A49
Golf V 2.0	[BHY]	08.06-	113992	14 140 A47		08.06- 08.06-	114163 113773	12 1.1 12 1.1
Golf V 2.0 FSi	[AXW]	01.04-	113992	14 140 A47	AT	01.04- 01.04- 01.04-	111909 113773 114163	12 1.1 12 1.1 12 1.1
	[BLR]	01.04-	113992	14 140 A47		01.04- 01.04-	113773 114163	12 1.1 12 1.1
	[BLX]	01.04-	113992	14 140 A47		01.04- 01.04-	113773 114163	12 1.1 12 1.1
	[BLY]	01.04-	113992	14 140 A47		01.04- 01.04-	113773 114163	12 1.1 12 1.1
	[BVX]	01.04-	113992	14 140 A47		01.04- 01.04-	113773 114163	12 1.1 12 1.1
	[BVY]	01.04-	113992	14 140 A47		01.04- 01.04-	113773 114163	12 1.1 12 1.1
	[BVZ]	01.04-	113992	14 140 A47		01.04- 01.04- 01.04-	113773 114163 114163	12 1.1 12 1.1 12 1.1
Golf V 2.0 FSi 4 Motion	[BLX]	08.04-	113992	14 140 A47		08.04- 05.04- 11.05	113773 114163	12 1.1 12 1.1
	[BVX]	08.04-	113992	14 140 A47		08.04- 11.05-	113773 114163	12 1.1 12 1.1
Golf V 2.0 FSi Plus	[BLR]	05.05-	113992	14 140 A47	AT	05.05- 05.05- 05.05-	111909 113773 114163	12 1.1 12 1.1 12 1.1
	[BLY]	05.05-	113992	14 140 A47		05.05- 05.05-	113773 114163	12 1.1 12 1.1
	[BVY]	05.05-	113992	14 140 A47		05.05- 11.05-	113773 114163	12 1.1 12 1.1
	[BVZ]	05.05-	113992	14 140 A47		05.05- 11.05-	113773 114163	12 1.1 12 1.1
Golf V 2.0 GTi	[AXX]	10.04-	113992	14 140 A47		10.04- AT 10.04-	113773 115333	12 1.1 12 1.0
	[BPY]	10.04-	113992	14 140 A47		10.04- AT 10.04-	113773 115333	12 1.1 12 1.0
	[BWA]	10.04-	113992	14 140 A47		10.04- AT 10.04-	113773 115333	12 1.1 12 1.0
	[BYD]	09.06-	113992	14 140 A47		09.06-	113773	12 1.1
Golf V 2.0 SDi	[BDK]	01.04- 01.04-	113992 115370	14 140 A47 14 110		01.04-	114062	12 1.7
Golf V 2.0 TDi	[AZV]	10.03- 10.03-	113992 115370	14 140 A47 14 110	AT	10.03-	113509	12 2.0
	[BMM]	12.04- 12.04-	113992 115370	14 140 A47 14 110	AT	12.04- 12.04-	113509 113841	12 2.0 12 1.7
	[BMN]	11.05- 11.05-	113992 115370	14 140 A47 14 110	AT	11.05- 11.05-	113509 113841	12 2.0 12 1.7
Golf V 2.0 TDi 16V	[BKD]	10.03- 10.03-	113992 115370	14 140 A47 14 110		10.03- 01.05- AT 10.03-	113841 115311 113509	12 1.7 12 1.7 12 2.0
Golf V 2.0 TDi 16V 4 Motion	[BKD]	08.04- 08.04-	113992 115370	14 140 A47 14 110	AT	08.04- 08.04-	113509 113841	12 2.0 12 1.7
Golf V 2.0 TDi 4 Motion	[AZV]	06.07-	113992	14 140 A47				
	[BMM]	08.04- 08.04-	113992 115370	14 140 A47 14 110	AT	08.04- 08.04-	113509 113841	12 2.0 12 1.7



Golf V 2.0 TDI Plus	[AZV]	05.05- 05.05-	113992 115370	14 14	140 A47 110	AT 05.05- 05.05- 05.05-	113509 115311 113841	12 12 12	2.0 1.7 1.7
	[BMM]	12.05- 12.05-	113992 115370	14 14	140 A47 110	12.05-	113841	12	1.7
	[BVB]	11.05-	115370	14	110	10.03-	113509	12	2.0
	[CBDC]	03.09-	113992	14	140 A47	03.09-	115311	12	1.7
Golf V 3.2	[BUB]	09.05-	113992	14	140 A47				
Golf V 3.2 R32 4 Motion	[BUB]	11.05-	113992	14	140 A47	11.05-	113841	12	1.7
	[CBRA]	11.05-	113992	14	140 A47	11.05-	113841	12	1.7
Golf V 3.2 R32 4 Motion	[BFH]	01.04-	115483	14	120 A49				
Golf VI 1.2 TSI	[CBZB]					A49 05.09- 05.09-	115337 114175	12 12	2.0 1.1
Golf VI 1.4 TSI	[CAVD]	10.08- 10.08- 07.09-	113861 113992 114769	14 14 14	110 140 A47 110				
	[CAXA]	10.08- 11.12	113861	14	110	A25 10.08- A49 10.08- 11.12	115338 115337	12 12	2.0 2.0
	[CNWA]	10.08- 11.12	113861	14	110				
	[CTHD]	10.08- 11.12	113861	14	110				
	[CTKA]	10.08- 11.12	113861	14	110	07.09-	114163	12	1.1
		07.09-	113992	14	140 A47				
		07.09-	114769	14	110				
Golf VI 1.6	[BSE]	10.08-	113992	14	140 A47	10.08- 11.12	114176	12	1.0
	[BSF]	10.08-	113992	14	140 A47	10.08- 11.12	114176	12	1.0
	[CCSA]	10.08-	113992	14	140 A47	10.08- 11.12	114176	12	1.0
	[CMXA]	10.08- 11.12	113992	14	140	10.08- 11.12	114176	12	1.0
Golf VI 1.6 BiFuel	[CHGA]	03.09-	113992	14	140 A47				
Golf VI 1.6 Multijet	[CCSA]	10.08-	113992	14	140 A47				
	[CMXA]	05.10-	113992	14	140 A47	05.10-	114176	12	1.0
Golf VI 1.6 TDi	[CAYB]	12.09-	113992	14	140 A47	AT 12.09- 12.09- A25 02.09- 02.09- 11.12	115376 114299 115336 114299	12 12 12 12	1.8 1.7 2.2 1.7
	[CAYC]	07.09-	113992	14	140	A25 02.09- 11.12	115336	12	2.2
						AT 02.09- 11.12	115376	12	1.8
						DKG 07.09- 07.09-	115376 115336	12 12	1.8 2.2
						06.09-	114163	12	1.1
						07.09-	113773	12	1.1
Golf VI 1.8 TSI	[CDAA]					07.09-	113773	12	1.1
Golf VI 2.0	[CCZA]	07.09- 07.09-	113874 114722	14 14	110 140	DKG 07.09-	115333	12	1.0
	[CDLF]	11.09-	113992	14	140 A47	11.09- AT 11.09- 11.12	113773 115333	12 12	1.1 1.0
						11.09-	113773	12	1.1
Golf VI 2.0 4motion	[CDLC]	11.09-	113992	14	140 A47	AT 11.09- 11.13	115333	12	1.0
Golf VI 2.0 TSI	[CCZB]					AT 04.09- 11.12	115333	12	1.0
Golf VI 2.0 TDi	[BMM]	07.09-	113992	14	140 A47	07.09-	113841	12	1.7
	[CBAB]					10.08- 05.13	115311	12	1.7
	[CBBB]	04.09- 11.09	113992	14	140 A47	04.09- 11.09	115402	12	1.8
	[CBDA]	07.09- 09.10	113992	14	140 A47				
	[CBDC]	10.08-	113992	14	140 A47				
	[CBAA]	10.08- 11.09	113992	14	140 A47	10.08- 11.09	115311	12	1.7
	[CFFB]					10.08- 05.13	115311	12	1.7
	[CFGB]	11.09- 11.12	113992	14	140	A25 11.09- 11.12	115402	12	1.8
						11.09- 11.12	113841	12	1.7
						11.09- 11.12	115311	12	1.7
						07.10-	113992	14	140 A47
	[CFHB]	07.10-	113992	14	140 A47				
	[CJAA]	10.08-	113992	14	140 A47	10.08- 05.13	115311	12	1.7
					07.09-	113841	12	1.7	
	[CLCA]	01.10-	113992	14	140	01.10-	115311	12	1.7
	[CLCB]	07.09-	113992	14	140 A47	07.09- 07.09-	113841 115311	12 12	1.7 1.7
Golf VI 2.0 TDi 4 Motion	[CBAB]	10.08-	113992	14	140 A47	10.08- 11.12	115311	12	1.7
	[CFFB]					11.09- 11.12	115311	12	1.7
Golf VII 1.6 TDi 4 Motion	[CLHA]					A25 11.12-	115402	12	1.8
Golf VII 2.0 GTD	[CUNA]					A25 04.13-	115402	12	1.8
Golf VII 2.0 TDi	[CKFC]					A25 11.12-	115402	12	1.8
	[CRBC]					A25 07.13-	115402	12	1.8
	[CRLB]					A25 07.13-	115402	12	1.8
	[CRMB]					A25 07.13-	115402	12	1.8
						A25 11.12-	115402	12	1.8
Golf VII 2.0 TDi 4 Motion	[CKFC]					A25 11.12-	115402	12	1.8
	[CRLB]					A25 11.12-	115402	12	1.8
	[CRMB]					A25 11.12-	115402	12	1.8
Ittis 1.7	[YX]	08.80- 12.88	111652# 111653	14 14	65 45				
Jetta 1.1	[GG]	08.80- 07.82	110360	14	45				
		08.81- 07.82	110913	14	70				
Jetta 1.2 TSI	[CBZB]					02.11-	114175	12	1.1
Jetta 1.3	[2G]	01.89- 07.92	111288 112763	14 14	65 55	01.89- 07.92	111058	12	0.8
	[GF]	02.80- 12.83	110360	14	45				
		08.81- 12.83	110913	14	70				
	[GS]	08.82- 12.83	110360	14	45				
		08.82- 12.83	110913	14	70				
		01.84- 07.87	112763	14	55	01.84- 07.87	111058	12	0.8
		08.85- 07.87	111288	14	65				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

VW Continued

	[HK]				01.84- 07.85	111058	12 0.8
	[MH]	08.85- 12.88	111288	14 65	01.84- 12.88	111058	12 0.8
		08.85- 12.88	112763	14 55			
	[NZ]	02.87- 07.92	111288	14 65	02.87- 07.92	111058	12 0.8
		02.87- 07.92	112763	14 55			
Jetta 1.4 TSi	[BLG]	07.06-	113861	14 110	07.06- AT 07.06-	114163 115333	12 1.1 12 1.0
	[BMY]	07.06-	113861	14 110	07.06- AT 07.06-	114163 115333	12 1.1 12 1.0
	[CAVD]				07.08-	114163	12 1.1
	[CAXA]	05.07- 05.07-	113861 114769	14 110 14 110	05.07- 05.07-	113773 114163	12 1.1 12 1.1
Jetta 1.5	[JB]	08.79- 12.83 08.79- 12.83	111652# 111653	14 65 14 45	AT 08.79- 12.83	110864	12 0.7
Jetta 1.6	[FR]	08.80- 12.83 08.80- 12.83	111652# 111653	14 65 14 45	AT 08.80- 12.83	110864	12 0.7
	[ABN]	01.84- 07.85 08.85- 07.92	110919 112149	14 70 14 65	01.84- 07.91 AT 01.84- 07.91	111059 110864	12 0.9 12 0.7
	[BSE]	10.05- 10.05- 10.05-	111989 113992 115482	14 90 14 140 A47 14 90 A49	10.05- 10.05-	113773 114176	12 1.1 12 1.0
	[BSF]	10.05- 10.05- 10.05-	111989 113992 115482	14 90 14 140 A47 14 90 A49	10.05- 10.05-	113773 114176	12 1.1 12 1.0
	[CCSA]	10.05- 10.05- 10.05-	111989 113992 115482	14 90 14 140 A47 14 90 A49	10.05- 10.05-	113773 114176	12 1.1 12 1.0
	[EZ]	01.84- 07.92 01.84- 07.92 01.84- 07.92	111094 111154 112729	14 65 14 65 14 90	01.84- 07.92	111059	12 0.9
	[HM]	01.84- 07.85 08.85- 07.88	110919 112149	14 70 14 65	AT 01.84- 07.88 01.84- 07.88	110864 111059	12 0.7 12 0.9
	[PN]	10.86- 07.92	112149	14 65	AT 10.86- 07.92 10.86- 07.92	110864 111059	12 0.7 12 0.9
	[RF]	03.86- 10.91	112149	14 65	AT 03.86- 10.91 03.86- 10.91	110864 111059	12 0.7 12 0.9
Jetta 1.6 FSI	[BLF]	09.05-	114769	14 110	AT 09.05- 09.05-	111909 113773	12 1.1 12 1.1
Jetta 1.6 GTI 4x4	[EG]	08.79- 07.82 08.79- 07.82	111652# 111653	14 65 14 45			
Jetta 1.6 Multijet	[CCSA]	01.08-	113992	14 140 A47			
Jetta 1.6 Diesel	[CR]	08.80- 12.83 08.80- 12.83 AC 08.80- 12.83	110360 110913 110913	14 45 14 70 14 70	08.80- 12.83	110996	12 1.7
	[JK]	08.80- 12.83 08.80- 12.83 AC 08.80- 12.83	110360 110913 110913	14 45 14 70 14 70	08.80- 12.83	110996	12 1.7
	[JP]	08.85- 10.91 08.85- 10.91 08.85- 10.91 08.85- 10.91 AC 01.84- 05.84	110902 111152# 111154 111288 112729	14 45 14 45 14 65 14 65 14 90	01.84- 07.92 01.84- 10.91	111059 111060	12 0.9 12 1.7
	[ME]	08.85- 10.91 08.85- 10.91 08.85- 10.91 08.85- 10.91	110902 111152# 111154 111288	14 45 14 45 14 65 14 65	01.84- 07.92 08.84- 10.91	111059 111060	12 0.9 12 1.7
Jetta 1.6 TD	[1V]	08.89- 07.92 08.89- 07.92 08.89- 07.92 08.89- 07.92	110902 111152# 111154 111288	14 45 14 45 14 65 14 65	08.89- 07.92	111060	12 1.7
	[CV]	03.82- 12.83 03.82- 12.83 AC 03.82- 12.83	110360 110913 110913	14 45 14 70 14 70	03.82- 12.83	110996	12 1.7
	[JR]	08.85- 10.91 08.85- 10.91 08.85- 10.91 08.85- 10.91 AC 01.84- 05.84	110902 111152# 111154 111288 112729	14 45 14 45 14 65 14 65 14 90	01.84- 07.92 01.84- 10.91	111059 111060	12 0.9 12 1.7
	[MF]	08.85- 07.92 08.85- 07.92 08.85- 07.92 08.85- 07.92	110902 111152# 111154 111288	14 45 14 45 14 65 14 65	08.84- 07.92 01.84- 07.92	111060 111059	12 1.7 12 0.9
	[RA]	04.89- 02.90 04.89- 02.90 04.89- 02.90 04.89- 02.90	110902 111152# 111154 111288	14 45 14 45 14 65 14 65	04.89- 02.90	111060	12 1.7
	[SB]	08.89- 10.91 08.89- 10.91 08.89- 10.91 08.89- 10.91	110902 111152# 111154 111288	14 45 14 45 14 65 14 65	08.89- 10.91	111060	12 1.7
Jetta 1.6 TDI	[CAYC]	02.11-	113992	14 140 A47	06.09-	114299	12 1.7
Jetta 1.8	[EV]	01.84- 07.85 08.85- 07.87	110919 112149	14 70 14 65	01.84- 07.87	111059	12 0.9
	[GU]	12.83- 07.85 01.84- 10.91 08.85- 10.91	110919 111152# 112149	14 70 14 45 14 65	08.84- 10.91 12.83- 10.91	113844 111059	12 0.95 12 0.9



	[GX]	12.83- 07.85	110919	14 70		08.84- 10.91	113844	12 0.95
		08.84- 07.85	111094	14 65		12.83- 10.91	111059	12 0.9
		08.84- 10.87	111152#	14 45				
		08.85- 10.87	111288	14 65				
		08.85- 10.91	112149	14 65				
	[GZ]	01.84- 07.85	110919	14 70		01.84- 07.87	111059	12 0.9
		08.85- 07.87	112149	14 65				
	[HV]	12.83- 07.85	110919	14 70		08.84- 12.91	113844	12 0.95
		04.84- 07.87	111152#	14 45		12.83- 07.87	111059	12 0.9
		04.84- 07.87	111288	14 65				
		08.85- 07.87	112149	14 65				
	[JJ]	08.82- 12.83	111652#	14 65				
		08.82- 12.83	111653	14 45				
	[PB]	02.87- 10.91	112149	14 65		02.87- 10.91	111059	12 0.9
	[PF]	08.85- 07.92	112149	14 65		08.85- 07.92	111059	12 0.9
						01.87- 10.91	113844	12 0.95
	[RD]	08.85- 10.87	112149	14 65		08.85- 10.87	111059	12 0.9
						08.85- 10.87	113844	12 0.95
	[RH]	08.86- 07.90	112149	14 65		08.86- 01.90	113844	12 0.95
						08.86- 07.90	111059	12 0.9
	[RP]	01.84- 07.85	110919	14 70		08.87- 10.91	113844	12 0.95
		08.85- 10.91	112149	14 65		01.84- 10.91	111059	12 0.9
Jetta 1.8 Syncro	[1P]	08.88- 07.92	112149	14 65		08.88- 07.92	111059	12 0.9
	[RP]	10.87- 10.91	111152#	14 45		08.87- 12.88	111059	12 0.9
		10.87- 10.91	111288	14 65		08.87- 12.88	113844	12 0.95
Jetta 1.8 16V	[KR]	08.86- 10.91	111160#	14 65		08.86- 10.91	111059	12 0.9
	[PL]	08.86- 10.91	111160#	14 65		08.86- 10.91	111059	12 0.9
Jetta 1.9 TDI	[BKC]	09.05-	113992	14 140 A47		AT 08.05-	113509	12 2.0
		09.05-	115370	14 110		09.05-	113842	12 1.7
						09.05-	111909	12 1.1
						08.05-	115508	12 1.7 A49
	[BLS]	08.05-	113992	14 140 A47		08.05-	113842	12 1.7
		08.05-	115370	14 110		08.05-	115508	12 1.7 A49
						08.05-	111909	12 1.1
	[BXE]	09.05-	113992	14 140 A47		08.05-	115508	12 1.7 A49
		09.05-	115370	14 110				
Jetta 2.0	[CBPA]	06.10-	113992	14 140		06.10-	114163	12 1.1
		06.10-	115370	14 110		06.10-	113773	12 1.1
	[CKJA]	06.10-	113992	14 140		06.10-	113773	12 1.1
		06.10-	115370	14 110				
Jetta 2.0 FSI	[BLR]	08.05-	113992	14 140 A47		AT 08.05-	111909	12 1.1
						08.05-	113773	12 1.1
						08.05- 11.05	114163	12 1.1
	[BLY]	08.05-	113992	14 140 A47		AT 08.05-	111909	12 1.1
						08.05-	113773	12 1.1
						10.05- 11.05	114163	12 1.1
	[BVY]	08.05-	113992	14 140 A47		08.05-	113773	12 1.1
						12.05-	114163	12 1.1
	[BVZ]	08.05-	113992	14 140 A47		08.05-	113773	12 1.1
						12.05-	114163	12 1.1
Jetta 2.0 TFSI	[BPY]	10.05-	113992	14 140 A47		10.05-	113773	12 1.1
						AT 10.05-	115333	12 1.0
	[BWA]	10.05-	113992	14 140 A47		10.05-	113773	12 1.1
						AT 10.05-	115333	12 1.0
	[CCTA]	02.08-	113992	14 140 A47		02.08-	115333	12 1.0
Jetta 2.0 TSI	[CBFA]					12.10-	113773	12 1.1
	[CCTA]					12.10-	113773	12 1.1
	[CCZA]					12.10-	113773	12 1.1
Jetta 2.0 TDI	[AZV]	09.05-	113992	14 140 A47		09.05-	113841	12 1.7
		09.05-	115370	14 110				
	[BKD]	08.05-	113992	14 140 A47		AT 08.05-	113509	12 2.0
		08.05-	115370	14 110		08.05-	115311	12 1.7
						08.05-	113841	12 1.7
	[BMM]	10.05-	113992	14 140 A47		10.05-	113841	12 1.7
		10.05-	115370	14 110				
	[BMN]	10.06-	113992	14 140 A47		08.05-	113841	12 1.7
		10.06-	115370	14 110				
	[CBDB]	04.08-	113861	14 110		04.08-	115311	12 1.7
		04.08-	113992	14 140 A47				
	[CEGA]	10.06-	115370	14 110				
	[CFFB]	02.11-	113992	14 140 A47				
	[CFHC]	02.11-	113992	14 140 A47				
	[CJAA]	02.11-	113992	14 140 A47				
	[CLCB]	02.11-	113992	14 140 A47				
Jetta 2.5	[BTK]					09.06-	114163	12 1.1
Jetta IV 1.4 TSI Hybrid	[CNLA]					04.11-	112440	12 2.2
	[CRJA]					04.11-	112440	12 2.2
K 70 1.6	[DA]	01.73- 10.74	110360	14 45				
K 70 1.8	[DC]	01.73- 10.74	110360	14 45				
Kaefer 1.2	[D]	08.74- 12.85	111096	14 51		08.69- 12.85	110363	12 0.7
		08.71- 111225						
Kaefer 1.2 1303	[D]	04.75- 07.75	111096	14 51		04.75- 07.75	110363	12 0.7
Kaefer 1.3	[AB]	08.72- 07.73	111225			08.70- 07.75	110363	12 0.7
		08.74- 07.75	111096	14 51				
	[AR]	08.72- 07.73	111225			08.72- 07.75	110363	12 0.7
		08.74- 07.75	111096	14 51				
	[F]					08.69- 07.70	110363	12 0.7
Kaefer 1.3 1302	[AB]					08.70- 07.72	110363	12 0.7
Kaefer 1.3 1303	[AB]	08.74- 07.75	111096	14 51		08.72- 07.75	110363	12 0.7

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**VW** Continued

Kaefer 1.3 Karmann	[F]					08.69- 07.70	110363	12	0.7
Kaefer 1.5	[H]	08.67- 07.70	111225			08.69- 07.70	110363	12	0.7
Kaefer 1.6	[ACD]	07.94-	111096	14	51	10.92-	110363	12	0.7
	[AD]	08.72- 07.73	111225			07.70- 12.79	110363	12	0.7
		08.74- 12.79	111096	14	51				
	[AF]					10.73- 09.92	110363	12	0.7
	[AJ]	08.72- 07.73	111225			08.72- 12.79	110363	12	0.7
		08.74- 12.79	111096	14	51				
	[AS]	08.72- 07.73	111225			08.72- 12.79	110363	12	0.7
		08.74- 12.79	111096	14	51				
Karmann Ghia 1.5	[H]	08.67- 07.70	111225			01.66- 12.69	110363	12	0.7
Karmann Ghia 1.6 1600	[AD]					01.70- 07.74	110363	12	0.7
LT 28-35 2.0	[CH]	04.79- 11.82	111652#	14	65	05.75- 11.82	110997	12	0.8
		08.79- 11.82	111653	14	45				
LT 28-35 2.3	[AGL]	05.96-	111902	14	115	05.96-	111347	12	1.2
		05.96-	111903	14	90				
LT 28-35 2.4	[DL]	12.82- 07.85	111652#	14	65				
		12.82- 07.85	111653	14	45				
		08.83- 07.84	112729	14	90				
		08.85- 07.92	111094	14	65				
		08.85- 07.92	112149	14	65				
LT 28-35 2.4 i	[1E]	10.88- 04.96	111094	14	65				
		10.88- 07.93	112149	14	65				
		10.88- 06.96	112729	14	90				
LT 28-35 2.4 Diesel	[1S]	08.88- 07.92	111094	14	65 ▲	08.88- 07.92	112537	12	2.2
		08.88- 07.92	112729	14	90				
		08.88- 07.92	112735	14	45				
	[ACT]	08.92- 04.96	111094	14	65 ▲	08.92- 04.96	112537	12	2.2
		08.92- 04.96	112729	14	90				
		08.92- 04.96	112735	14	45				
	[CP]	01.79- 11.82	111652#	14	65	08.78- 11.82	111112	12	2.0
		08.79- 11.82	111653	14	45				
	[DW]	11.82- 07.92	111094	14	65 ▲	08.84- 07.92	112537	12	2.2
		11.82- 07.85	111652#	14	65	11.82- 07.87	111112	12	2.0
11.82- 07.85		111653	14	45					
08.83- 07.92		112729	14	90					
08.85- 07.92		112149	14	65					
	08.85- 07.92	112735	14	45					
LT 28-35 2.4 TD	[1G]	08.88- 08.92	111094	14	65	08.88- 08.92	111120	12	2.2
		08.88- 08.92	112149	14	65				
		08.88- 08.92	112729	14	90				
		08.88- 08.92	112735	14	45				
	[ACL]	09.92- 04.96	111094	14	65	09.92- 04.96	111120	12	2.2
		09.92- 04.96	112729	14	90				
		09.92- 04.96	112735	14	45				
	[DV]	12.82- 07.85	111652#	14	65	12.82- 08.92	111120	12	2.2
		12.82- 07.85	111653	14	45				
		08.83- 08.92	112729	14	90				
08.85- 08.92		111094	14	65					
08.85- 08.92		112149	14	65					
	08.85- 08.92	112735	14	45					
LT 28-35 2.5 SDI	[AGX]	05.96- 04.01	113754	14	120	07.96-	112014	12	2.0
		07.96- 07.98	111898	14	120				
		07.96- 07.98	111899	14	90				
		07.98-	112043	14	90				
LT 28-35 2.5 TDI	[AHD]	05.96- 05.99	111898	14	120	05.96-	112221	12	2.0
		05.96- 07.98	111899	14	90				
		05.96- 04.01	113754	14	120				
		07.98-	112043	14	90				
	[ANJ]	05.99-	112043	14	90	05.99-	112430	12	2.0
		05.99- 04.06	113754	14	120	05.99-	112221	12	2.0
	[APA]	05.99-	112043	14	90	05.99-	112221	12	2.0
		05.99- 04.01	113754	14	120	05.99-	112430	12	2.0
	[AVR]	12.02- 04.06	113754	14	120	05.99-	112430	12	2.0
	[BBE]	05.01-	112043	14	90	05.01-	112221	12	2.0
		05.01-	113754	14	120				
	[BBF]	05.01-	112043	14	90	05.01-	112221	12	2.0
		05.01-	113754	14	120				
LT 28-35 2.8 TDI	[AGK]	06.97- 07.98	111898	14	120	06.97- 12.98	114304	12	2.3
		06.97- 07.98	111899	14	90				
		01.98- 12.98	113888	14	90				
		07.98-	112402	14	120				
	[ATA]	01.99-	112402	14	120	01.99-	110844	12	2.2
		01.99- 01.02	113888	14	90	01.99-	114304	12	2.3
	[AUH]	04.02-	112002	14	120 ▲	04.02-	114304	12	2.3
		04.02-	112079	14	90 A47				
		04.02-	112402	14	120				
		04.02- 07.06	115483	14	120 A49				
[BCQ]	04.02- 07.06	115483	14	120 A49	04.02-	114304	12	2.3	
LT 40-55 2.0	[CH]				04.75- 09.83	112455	12	1.4	
LT 40-55 2.3	[AGL]	05.96-	111903	14	90	05.96- 11.01	111347	12	1.2
LT 40-55 2.4	[DL]	09.85- 07.92	111094	14	65				
LT 40-55 2.4 i	[1E]	10.88- 04.96	111094	14	65				
		07.93- 04.96	112729	14	90				
LT 40-55 2.4 Diesel	[1S]	08.89- 07.92	111094	14	65 ▲	08.89- 07.92	112537	12	2.2
		08.89- 07.92	112729	14	90				
		08.89- 07.92	112735	14	45				



	[ACT]	08.92- 12.95	111094	14 65 ▲	08.92- 12.95	112537	12 2.2
		08.92- 12.95	112729	14 90			
		08.92- 12.95	112735	14 45			
	[CP]	08.79- 11.82	111652#	14 65	12.78- 11.82	111112	12 2.0
		08.79- 11.82	111653	14 45			
	[DW]	12.82- 07.85	111652#	14 65	08.84- 07.87	111112	12 2.0
		12.82- 07.85	111653	14 45	08.84- 07.92	112537	12 2.2
		11.84- 07.92	112729	14 90			
		08.85- 07.92	112149	14 65			
		08.85- 07.92	112735	14 45			
LT 40-55 2.4 Diesel 4x4	[DW]	12.82- 07.85	111653	14 45	09.85- 07.92	112537	12 2.2
		08.84- 07.92	112729	14 90			
		08.85- 07.92	111094	14 65			
		08.85- 07.92	112735	14 45			
LT 40-55 2.4 TD	[1G]	08.88- 08.92	111094	14 65	08.88- 08.92	111120	12 2.2
		08.88- 08.92	112729	14 90			
		08.88- 08.92	112735	14 45			
	[ACL]	09.92- 04.96	111094	14 65	09.92- 04.96	111120	12 2.2
		09.92- 04.96	112729	14 90			
		09.92- 04.96	112735	14 45			
	[DV]	12.82- 08.85	111653	14 45	12.82- 09.92	111120	12 2.2
		12.82- 08.92	112729	14 90			
		08.85- 08.92	111094	14 65			
		08.85- 08.92	112735	14 45			
LT 40-55 2.4 TD 4x4	[DV]	09.85- 08.92	111094	14 65	08.78- 03.86	111120	12 2.2
		09.85- 08.92	112729	14 90			
LT 40-55 2.5 SDi	[AGX]	09.96-	113754	14 120	07.96-	112014	12 2.0
LT 40-55 2.5 TDi	[AHD]				05.96- 08.99	112221	12 2.0
	[ANJ]	05.99-	113754	14 120	05.99-	112430	12 2.0
	[APA]	05.99-	113754	14 120			
	[AVR]	05.99-	113754	14 120	05.99-	112430	12 2.0
	[BBE]	05.01-	112043	14 90	05.01-	112221	12 2.0
		05.01-	113754	14 120			
	[BBF]	05.01-	112043	14 90	05.01-	112221	12 2.0
		05.01-	113754	14 120			
LT 40-55 2.8 TDi	[AGK]				06.97- 12.98	114304	12 2.3
	[ATA]				01.99-	110844	12 2.2
					01.99-	114304	12 2.3
	[AUH]	04.02- 04.06	112002	14 120 ▲	04.02-	114304	12 2.3
		04.02- 07.06	115483	14 120 A49			
	[BCO]	04.02- 07.06	115483	14 120 A49	04.02-	114304	12 2.3
Lupo 1.0	[AER]	09.98- 07.05	113870	14 70	10.98- 05.00	113750	12 0.9 BO
		PS 01.99-	112273	14 70			
		PS 01.99-	112274	14 90			
	[AHT]	09.98- 07.05	113870	14 70	09.98- 07.05	113750	12 0.9 BO
	[ALD]	09.98- 07.05	113870	14 70	10.98- 07.05	113750	12 0.9 BO
		PS 05.99-	112273	14 70			
		PS 05.99-	112274	14 90			
	[ALL]	09.98- 07.05	113870	14 70	10.98- 05.00	113750	12 0.9 BO
		PS 10.98-	112273	14 70			
		PS 10.98-	112274	14 90			
	[ANV]	09.98- 07.05	113870	14 70	10.98- 05.00	113750	12 0.9 BO
		PS 05.99-	112273	14 70			
		PS 05.99-	112274	14 90			
	[AUC]	09.98- 07.05	113870	14 70	05.00- 07.05	113750	12 0.9 BO
		PS 10.98-	112273	14 70			
		PS 10.98-	112274	14 90			
Lupo 1.2 TDi 3L	[ANY]	07.99-	113275	14 120			
	[AYZ]	07.99-	113275	14 120			
Lupo 1.4	[AHW]	01.99-	112273	14 70	01.99-	112307	12 1.1
		01.99-	112274	14 90			
	[AKO]	10.98-	112273	14 70	10.98-	112307	12 1.1
		10.98-	112274	14 90			
	[APE]	05.99-	112273	14 70	05.99-	112307	12 1.1
		05.99-	112274	14 90			
	[AUA]				AC 09.00- 04.02	111823	12 1.1
	[AUD]	10.00-	112274	14 90	AT 10.00-	111823	12 1.1
		10.00- 07.05	113870	14 70	10.00-	112307	12 1.1
					10.00- 07.05	113750	12 0.9 BO
	[BBY]				AC 11.01-	111823	12 1.1
Lupo 1.4 16V	[AFK]	05.99-	112273	14 70	05.99-	112307	12 1.1
		05.99-	112274	14 90			
	[ANM]	05.99-	112273	14 70	05.99-	112307	12 1.1
		05.99-	112274	14 90			
	[AQO]	05.99-	112273	14 70	05.99-	112307	12 1.1
		05.99-	112274	14 90			
	[AUB]	05.00-	112273	14 70	05.00-	112307	12 1.1
		05.00-	112274	14 90			
Lupo 1.4 FSi	[ARR]	02.01- 07.05	114027	14 110			
Lupo 1.4 TDi	[AMF]	01.99-	113275	14 120	01.99-	111900	12 1.8
		01.99- 07.05	113873#	14 70	01.99- 07.05	115503	12 1.8 A49
Lupo 1.6 GTi	[AVY]	09.00-	111989	14 90	09.00-	113515	12 0.9
		09.00-	112075	14 70	09.00-	112435	12 1.1
		09.00-	112274	14 90			
Lupo 1.7 SDi	[AKU]	04.98-	112401	14 90	04.98-	111904	12 1.8

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**VW** Continued

Multivan 1.9 TDI	[AXB]	04.03-	112002	14 120 A47	04.03-	113842	12 1.7
		04.03-	112079	14 90 A47	04.03-	115508	12 1.7 A49
		04.03-	113992	14 140 A47			
		04.03-	114797	14 120 A46			
		04.03-	115483	14 120 A49			
	[AXC]	04.03- 11.09	112002	14 120 A47	04.03- 11.09	113842	12 1.7
		04.03- 11.09	112079	14 90 A47	04.03- 11.09	115508	12 1.7 A49
		04.03- 11.09	114797	14 120 A46	04.03- 11.09	112079	
		04.03- 11.09	115483	14 120 A49			
	[BRR]	01.06-	113992	14 140 A47	01.06-	115508	12 1.7 A49
		01.06-	114453	14 180			
		01.06-	115483	14 120 A49			
	[BRS]	06.06-	113992	14 140 A47	06.06-	113842	12 1.7
		06.06-	115483	14 120 A49	06.06-	115508	12 1.7 A49
	Multivan 2.0	[AXA]	04.03-	112002	14 120 A47	09.90-	112306
04.03-			113992	14 140 A47	09.90- 06.03	113677	12 1.1
04.03-			114797	14 120 A46	11.03-	114163	12 1.1
11.03-			115483	14 120 A49			
Multivan 2.0 TSi	[CJKA]			05.11-	113841	12 1.7	
	[CJKB]			07.12-	113841	12 1.7	
Multivan 2.0 BiTDI	[CFCA]	09.09-	114697	14 180			
Multivan 2.0 BiTDI 4 Motion	[CFCA]	09.09-	114697	14 180			
Multivan 2.0 TDI	[CAAA]	09.09-	114697	14 180			
	[CAAB]	09.09-	114697	14 180			
	[CAAC]	09.09-	114697	14 180			
Multivan 2.0 TDI 4 Motion	[CAAC]	09.09-	114697	14 180			
Multivan 2.5	[AET]	08.96- 08.98	111898	14 120	08.96-	113387	12 2.0
		08.96- 08.98	111899	14 90	AT 08.96-	111060	12 1.7
		08.96- 06.03	113754	14 120	11.90- 12.94	112167	12 1.8
		08.98-	112043	14 90			
		08.98-	112402	14 120			
	[APL]	08.96- 08.98	111898	14 120	AT 05.99-	111060	12 1.7
		08.96- 08.98	111899	14 90	05.99-	113387	12 2.0
		08.98-	112043	14 90			
		08.98-	112402	14 120			
	[AVT]	05.99- 12.99	113754	14 120			
		12.99- 06.03	112043	14 90	12.99-	111060	12 1.7
		12.99- 06.03	113754	14 120	12.99- 06.03	113387	12 2.0
Multivan 2.5 TDI	[AXD]	04.03-	113947	14 180	04.03-	113678	12 2.2
					04.03-	115507	12 2.2 A49
	[AXE]	04.03-	113947	14 180	04.03-	113678	12 2.2
					04.03-	115507	12 2.2 A49
	[BLJ]	11.03-	113947	14 180	11.03-	115507	12 2.2 A49
	[BNZ]	04.03-	113947	14 180	04.03-	115507	12 2.2 A49
[BPC]	04.03-	113947	14 180	04.03-	115507	12 2.2 A49	
Multivan 2.5 TDI 4 Motion	[AXD]	07.04-	113947	14 180	07.04-	113678	12 2.2
					07.04-	115507	12 2.2 A49
	[AXE]	07.04-	113947	14 180	07.04-	113678	12 2.2
					07.04-	115507	12 2.2 A49
	[BNZ]	07.04-	113947	14 180	07.04-	115507	12 2.2 A49
[BPC]	07.04-	113947	14 180	07.04-	115507	12 2.2 A49	
Multivan 3.2 V6	[BDL]	04.03-	112002	14 120 A47	04.03-	113841	12 1.7
		04.03-	113884	14 150			
		04.03-	114453	14 180			
		04.03-	114797	14 120 A46			
		04.03-	115483	14 120 A49			
	[BKK]	02.04-	112002	14 120 A47	02.04-	113841	12 1.7
		02.04-	113884	14 150			
[CFLA]	02.04-	114797	14 120 A46				
[CFLA]	02.04-	115483	14 120 A49				
Multivan 3.2 V6 4 Motion	[BKK]	07.04-	112002	14 120 A47	07.04-	113841	12 1.7
		07.04-	113884	14 150			
		07.04-	114453	14 180			
		07.04-	114797	14 120 A46			
	07.04-	115483	14 120 A49				
	[CFLA]	07.04-	114453	14 180			
[CFLA]	07.04-	115483	14 120 A49				
New Beetle 1.4	[BCA]	11.01-	112075	14 70	07.02-	113515	12 0.9
		01.03-	111989	14 90	11.01- 06.02	112435	12 1.1
		AC 11.01-	111989	14 90			
New Beetle 1.6	[AWH]	10.99- 10.00	111989	14 90	10.99- 10.00	111909	12 1.1
		10.99- 09.00	112002	14 120 A47	10.99- 10.00	115504	12 1.1 A49
		10.99- 10.00	112075	14 70			
		10.99- 09.00	114797	14 120 A46			
		10.99- 10.00	115482	14 90 A49			
		10.99- 10.00	115483	14 120 A49			
	[AYD]	06.00-	112002	14 120 A47	AT 09.00- 05.01	111909	12 1.1
		06.00-	114797	14 120 A46	09.00- 05.01	115504	12 1.1 A49
		09.00- 05.01	111989	14 90	09.00- 05.01	112005	12 1.1
		09.00- 05.01	112075	14 70			
		09.00- 05.01	115482	14 90 A49			
	[BFS]	09.00- 05.01	115483	14 120 A49			
	[BFS]	01.03-	111989	14 90	01.03-	112005	12 1.1
		01.03-	112002	14 120 A47			
01.03-		112075	14 70				
01.03-		114797	14 120 A46				
01.03-		115482	14 90 A49				
01.03-		115483	14 120 A49				



New Beetle 1.8	[AGU]	10.00-10.00	115482	14 90 A49	10.00-10.00	114174	12 1.1
			115483	14 120 A49	10.00-10.00	115504	12 1.1 A49
	[APH]	10.98-10.99	115482	14 90 A49	10.98-10.99	115504	12 1.1 A49
			111989	14 90	AT 10.99-	111909	12 1.1
			112075	14 70			
	[AVC]	05.99-05.99	111989	14 90	AT 05.99-05.99	111909	12 1.1
			112002	14 120 A47	05.99-05.99	112429	12 2.0
			112075	14 70	05.99-05.99	115504	12 1.1 A49
			114797	14 120 A46			
			115482	14 90 A49			
			115483	14 120 A49			
	[AWU]	10.00-10.00	111989	14 90	AT 10.00-10.00	111909	12 1.1
			112002	14 120 A47	10.00-10.00	112429	12 2.0
			112075	14 70	10.00-10.00	114174	12 1.1
			114797	14 120 A46	10.00-10.00	115504	12 1.1 A49
			115482	14 90 A49			
			115483	14 120 A49			
	[AWV]	06.00-06.00	111989	14 90	AT 06.00-06.00	111909	12 1.1
			112002	14 120 A47	06.00-06.00	112429	12 2.0
			112075	14 70	06.00-06.00	114174	12 1.1
		114797	14 120 A46	06.00-06.00	115504	12 1.1 A49	
		115482	14 90 A49				
		115483	14 120 A49				
[BKF]	10.00-10.00	115482	14 90 A49	10.00-10.00	114174	12 1.1	
		115483	14 120 A49	10.00-10.00	115504	12 1.1 A49	
New Beetle 1.8 Turbo	[AWP]	11.01-11.01	112002	14 120	11.01-11.01	112005	12 1.1
			112075	14 70	11.01-11.01	114174	12 1.1
			112079	14 90	11.01-11.01	111989	
			114797	14 120			
			115483	14 120 A49			
	[AWU]	01.03-01.03	112002	14 120 A47	01.04-01.04	112005	12 1.1
			114797	14 120 A46	AT 01.04-01.04	111909	12 1.1
			115482	14 90 A49	01.03-01.03	115504	12 1.1 A49
			115483	14 120 A49			
			111989	14 90			
			112075	14 70			
	[AWV]	01.03-01.03	115482	14 90 A49	01.03-01.03	115504	12 1.1 A49
			115483	14 120 A49			
	[BKF]	07.04-07.04	115482	14 90 A49	07.04-07.04	115504	12 1.1 A49
			115483	14 120 A49			
	[BNU]	07.04-07.04	112002	14 120	07.04-07.04	112005	12 1.1
		112075	14 70	6SP 07.04-07.04	114174	12 1.1	
		112079	14 90	07.04-07.04	111989		
		114797	14 120				
		115483	14 120 A49				
New Beetle 1.9 TDi	[ALH]	01.98-01.98	111353	14 70	01.98-01.98	115503	12 1.8 A49
			112002	14 120 A47	01.98-01.98	111900	12 1.8
			112079	14 90 A47	AT 01.98-01.98	112286	12 1.7
			114797	14 120 A46			
			115483	14 120 A49			
			113340	14 70			
	[ATD]	02.01-02.01	112002	14 120 A47	02.01-02.01	111909	12 1.1
			112079	14 90 A47	02.01-02.01	115503	12 1.8 A49
			113340	14 70			
			114797	14 120 A46			
			115483	14 120 A49			
	[AXR]	06.03-06.03	112002	14 120 A47	03.03-06.03	111900	12 1.8
			112079	14 90 A47	06.03-06.03	115503	12 1.8 A49
			113340	14 70			
			114797	14 120 A46			
			115483	14 120 A49			
[BEW]	07.03-07.03	115483	14 120 A49	07.03-07.03	115503	12 1.8 A49	
[BSW]	07.05-07.05	112002	14 120 A47	07.05-07.05	111900	12 1.8	
		112079	14 90 A47	07.05-07.05	115503	12 1.8 A49	
		114797	14 120 A46				
		115483	14 120 A49				
New Beetle 2.0	[AEG]	01.98-01.98	111820	14 90	AT 01.98-01.98	111909	12 1.1
			112002	14 120 A47	01.98-01.98	111749	12 1.1
			114797	14 120 A46	01.98-01.98	115504	12 1.1 A49
			115483	14 120 A49	03.98-03.98	112005	12 1.1
			111989	14 90			
			112075	14 70			
			115482	14 90 A49			
	[APK]	06.00-06.00	115482	14 90 A49	06.00-06.00	115504	12 1.1 A49
			115483	14 120 A49	01.98-01.98	111909	12 1.1
			111820	14 90			
			112002	14 120 A47			
			114797	14 120 A46			
			111989	14 90			
			112075	14 70			
			115482	14 90 A49			
			115483	14 120 A49			
[AOY]	01.98-01.98	112002	14 120 A47	AT 11.98-11.98	111909	12 1.1	
		114797	14 120 A46	11.98-11.98	115504	12 1.1 A49	
		111989	14 90	11.98-11.98	112005	12 1.1	
		112075	14 70				
		115482	14 90 A49				
		115483	14 120 A49				
[AVH]	09.00-09.00	115482	14 90 A49	AT 01.98-09.00	114174	12 1.1	
		115483	14 120 A49	09.00-09.00	115504	12 1.1 A49	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

VW Continued

	[AZG]	08.00- 06.05	115482	14 90 A49		01.98-	111909	12 1.1
		08.00- 06.05	115483	14 120 A49		08.00- 06.05	115504	12 1.1 A49
		01.98- 03.98	111820	14 90				
		01.98-	112002	14 120 A47				
		01.98-	114797	14 120 A46				
		03.98-	111989	14 90				
		03.98-	112075	14 70				
	[AZJ]	09.02-	112002	14 120 A47		01.03-	115504	12 1.1 A49
		09.02-	114797	14 120 A46		AT 01.98-	114174	12 1.1
		01.03-	111989	14 90		AT, 4 Speed 01.03-	111909	12 1.1
		01.03-	112075	14 70				
		01.03-	115482	14 90 A49				
		01.03-	115483	14 120 A49				
	[BDC]	09.02-	112002	14 120 A47		AT6S 09.02-	114174	12 1.1
		09.02-	114797	14 120 A46		AT 01.03- 06.03	111909	12 1.1
		01.03- 06.03	111989	14 90		01.03- 06.03	115504	12 1.1 A49
		01.03- 06.03	112075	14 70				
		01.03- 06.03	115482	14 90 A49				
		01.03- 06.03	115483	14 120 A49				
	[BEV]	01.03- 06.05	115482	14 90 A49		AT 01.98-	114174	12 1.1
		01.03- 06.05	115483	14 120 A49		06.03-	115504	12 1.1 A49
	[BGD]	01.03-	111989	14 90		AT6S 09.02-	114174	12 1.1
		01.03-	112075	14 70		01.03-	111909	12 1.1
		01.03- 06.05	115482	14 90 A49				
		01.03- 06.05	115483	14 120 A49				
New Beetle 2.3 V5	[AQN]	10.00-	112002	14 120 A47		10.00-	114160	12 1.8
		10.00-	112079	14 90 A47		Chas. 9c-2-640990 » 10.00-	112166	12 1.7
		10.00-	113340	14 70				
		10.00-	114797	14 120 A46				
		10.00-	115483	14 120 A49				
New Beetle 3.2 RSI	[AXJ]	04.00- 05.01	111989	14 90		10.00- 05.01	112429	12 2.0
		04.00- 05.01	112002	14 120 A47				
		04.00- 05.01	112075	14 70				
		04.00- 05.01	114797	14 120 A46				
		04.00- 05.01	115482	14 90 A49				
		04.00- 05.01	115483	14 120 A49				
Passat 1.3	[EP]	08.83- 07.85	110919	14 70				
		08.83- 07.85	111094	14 65				
		08.85- 07.87	112149	14 65				
	[EU]	12.79- 07.83	110360	14 45		08.80- 07.86	110865	12 0.95
		08.83- 07.85	110919	14 70				
		08.83- 07.85	111094	14 65				
	[FY]	08.79- 07.83	110913	14 70				
		12.79- 07.83	110360	14 45				
	[FZ]	12.79- 07.83	110360	14 45				
		08.80- 07.83	110913	14 70				
Passat 1.4 TSI	[CAXA]	05.07-	113861	14 110		05.07-	114163	12 1.1
						A25 08.10-	113842	12 1.7
						05.07-	115338	12 2.0
						A44 05.07-	115337	12 2.0
						08.10-	115508	12 1.7 A49
	[CTHD]					A49 11.12-	115337	12 2.0
						11.12-	114163	12 1.1
Passat 1.4 TSI MultiFuel	[CKMA]					11.10-	113842	12 1.7
						11.10-	114163	12 1.1
						11.10-	115508	12 1.7 A49
Passat 1.4 TSI EcoFuel	[CDGA]					A25 08.10-	115338	12 2.0
						08.10-	113842	12 1.7
						01.09-	114163	12 1.1
						08.10-	115508	12 1.7 A49
Passat 1.5 Diesel	[CK]	08.77- 07.80	111652#	14 65				
		08.79- 07.80	111653	14 45				
Passat 1.6	[1F]	04.88- 07.90	112149	14 65		04.88- 07.90	111751	12 1.0
	[ADP]	05.97- 11.00	111478	14 90		10.96- 11.00	112321	12 1.1
		09.98- 11.00	112399	14 90				
	[AEK]	10.94- 12.95	111352	14 70		AT 10.94- 12.95	111748	12 1.1
		10.94- 12.95	111479	14 90		10.94- 12.95	111749	12 1.1
		AC 10.94- 12.95	111353	14 70				
		AC 10.94- 12.95	111477	14 90				
	[AFT]	12.95- 03.97	111352	14 70		AT 12.95- 03.97	111748	12 1.1
		12.95- 03.97	111479	14 90		12.95- 03.97	111749	12 1.1
		AC 12.95- 03.97	111353	14 70				
		AC 12.95- 03.97	111477	14 90				
	[AHL]	10.96- 09.98	111478	14 90		10.96- 11.00	112321	12 1.1
		09.98- 11.00	112398#	14 70				
		09.98- 11.00	112399	14 90				
		09.98- 11.00	113283	14 120				
	[ALZ]	11.00-	112398#	14 70		Chas. -3B-4-200000 11.00- 10.03	112321	12 1.1
		11.00-	112399	14 90		Chas. 3B-4-200001- 11.00- 05.05	114179	12 1.2
		11.00-	113283	14 120				
		11.00- 05.05	113882	14 120				
	[ANA]	07.99- 11.00	112398#	14 70		10.96- 11.00	112321	12 1.1
		07.99- 11.00	112399	14 90				
		07.99- 11.00	113283	14 120				
	[ARM]	09.98- 11.00	112398#	14 70		10.96- 11.00	112321	12 1.1
		09.98- 11.00	112399	14 90				
		09.98- 11.00	113283	14 120				
	[BSE]	05.05-	113992	14 140 A47		05.05-	114175	12 1.1
	[BSF]	05.05-	113992	14 140 A47		05.05-	114175	12 1.1





	[DT]	08.83- 07.85	110919	14 70		08.80- 03.88	110865	12 0.95
		08.83- 08.84	112729	14 90				
		08.85- 03.88	112149	14 65				
	[EZ]	02.88- 07.92	112149	14 65		08.90- 07.91	112131	12 1.4
						08.91- 07.92	111749	12 1.1
						02.88- 07.91	111751	12 1.0
	[FS]	08.75- 07.80	113758	14 120				
	[JU]	08.83- 07.85	110919	14 70		08.84- 09.86	110865	12 0.95
		08.85- 09.86	112149	14 65		01.81- 02.83	110858	12 0.7
	[PP]	03.87- 03.88	112149	14 65		08.87- 03.88	110865	12 0.95
	[RF]	03.88- 07.89	112149	14 65		03.88- 07.89	111751	12 1.0
	[RL]	02.86- 03.88	112149	14 65		02.86- 03.88	110865	12 0.95
	[WW]	08.81- 07.83	111652#	14 65		08.81- 07.83	110865	12 0.95
		08.81- 07.83	111653	14 45				
	[WY,WZ]	09.79- 07.80	111652#	14 65				
		09.79- 07.80	111653	14 45				
	[YN]	08.77- 07.81	111652#	14 65				
		08.79- 07.81	111653	14 45				
	[VP]	08.77- 02.83	111652#	14 65		08.81- 02.83	110865	12 0.95
		08.79- 02.83	111653	14 45				
Passat 1.6 FSi	[BLF]	03.05-	114769	14 110		AT 03.05-	111909	12 1.1
						03.05-	113773	12 1.1
						03.05-	114175	12 1.1
Passat 1.6 i	[YS]	06.78- 07.80	111139	14 75				
		06.78- 07.80	111652#	14 65				
		08.79- 07.80	111653	14 45				
Passat 1.6	[RA]	08.88- 07.89	110902	14 45		AT 08.88- 07.89	111060	12 1.7
		08.88- 07.89	111154	14 65				
		08.88- 07.89	112765	14 90				
Passat 1.6 Diesel	[CR]	08.80- 07.82	110767	14 45				
	[JK]	08.82- 07.85	110767	14 45				
		08.85- 03.88	111094	14 65				
		08.85- 03.88	112735	14 45				
		AC 08.85- 03.88	112729	14 90				
Passat 1.6 TD	[CY]	04.82- 07.85	110767	14 45				
		08.85- 03.88	111094	14 65				
		08.85- 03.88	112735	14 45				
		AC 08.85- 03.88	112729	14 90				
	[RA]	08.88- 07.89	110902	14 45		AT 08.88- 07.89	111060	12 1.7
		08.88- 07.89	111154	14 65				
		08.88- 07.89	112765	14 90				
	[SB]	08.88- 11.91	110902	14 45				
		08.88- 11.91	111154	14 65				
		08.88- 11.91	112765	14 90				
Passat 1.6 TDi	[CAYC]					A25 08.10-	115336	12 2.2
Passat 1.8	[ABS]	08.91- 12.92	112149	14 65		AT 08.91- 09.94	111748	12 1.1
		12.91- 09.94	111352	14 70		08.91- 09.94	111749	12 1.1
		12.91- 09.94	111479	14 90				
		AC 07.92- 09.94	111353	14 70				
		AC 07.92- 09.94	111477	14 90				
	[ADR]	10.96- 09.98	111478	14 90		10.96- 01.99	112321	12 1.1
		09.98- 01.99	112398#	14 70				
		09.98- 01.99	112399	14 90				
		09.98- 01.99	113283	14 120				
	[ADZ]	10.94- 05.97	111352	14 70		AT 10.94- 05.97	111909	12 1.1
		10.94- 05.97	111479	14 90		10.94- 05.97	112005	12 1.1
						10.94- 05.97	115504	12 1.1 A49
		AC 10.94- 05.97	111353	14 70		10.94- 05.97	111749	12 1.1
		AC 10.94- 05.97	111477	14 90		AT 10.94- 05.97	111748	12 1.1
	[AFY]	09.98-	112399	14 90		01.97- 11.00	112321	12 1.1
	[APT]	01.99- 11.00	112398#	14 70		01.99- 11.00	112321	12 1.1
		01.99- 11.99	112399	14 90				
		01.99- 11.99	113283	14 120				
	[ARG]	02.99- 11.00	112398#	14 70		10.96- 11.00	112321	12 1.1
		02.99- 11.00	112399	14 90				
		02.99- 11.00	113283	14 120				
	[DS]	01.83- 07.85	110919	14 70		01.83- 03.88	110865	12 0.95
		08.85- 03.88	112149	14 65				
	[DZ]	12.83- 07.85	110919	14 70		12.83- 03.88	110865	12 0.95
		08.85- 03.88	112149	14 65				
	[JN]	01.83- 07.85	110919	14 70		01.83- 03.88	110865	12 0.95
		08.85- 03.88	112149	14 65				
	[PB]	04.88- 07.90	112149	14 65		04.88- 07.90	111751	12 1.0
						AT 04.88- 07.90	111059	12 0.9
	[PF]					AT 04.88- 07.90	111059	12 0.9
						04.88- 07.90	111751	12 1.0
	[RM]	05.86- 03.88	112149	14 65		05.86- 03.88	110865	12 0.95
	[RP]	02.88- 07.91	112149	14 65		08.90- 07.91	112131	12 1.4
						AT 02.88- 07.91	111059	12 0.9
						02.88- 07.90	111751	12 1.0
	[AAM]	08.90- 11.92	112149	14 65		08.90- 07.91	111751	12 1.0
		12.91- 05.97	111352	14 70		08.90- 07.91	112131	12 1.4
		12.92- 05.97	111479	14 90		AT 08.91- 05.97	111748	12 1.1
		AC 07.92- 05.97	111353	14 70		08.91- 05.97	111749	12 1.1
		AC 07.92- 05.97	111477	14 90		AT 08.90- 07.91	111059	12 0.9
Passat 1.8 4 Motion	[AWM]					Chas. -3B4157000 03.01- 05.05	112321	12 1.1
						Chas. 3B4157001- 03.01- 05.05	114179	12 1.2
Passat 1.8 Syncro	[DS]	01.86- 03.88	112149	14 65		01.86- 03.88	110865	12 0.95
	[JN]	01.86- 03.88	112149	14 65		01.86- 03.88	110865	12 0.95

## STARTERS & ALTERNATORS

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Passat 1.8 Syncro 4 Motion	[ADR]	06.97- 09.98	111478	14 90	06.97-	112321	12 1.1	
		09.98-	112398#	14 70				
		09.98-	112399	14 90				
		09.98-	113283	14 120				
	[APT]	01.99-	112398#	14 70	01.99-	112321	12 1.1	
		01.99-	112399	14 90				
		01.99-	113283	14 120				
	[ARG]	01.99- 11.00	112398#	14 70	06.97- 11.00	112321	12 1.1	
		01.99- 11.00	112399	14 90				
		01.99- 11.00	113283	14 120				
	Passat 1.8 16V	[KR]	04.88- 07.92	111160#	14 65	AT 08.90- 07.91	111059	12 0.9
			07.89- 07.92	112750	14 90	08.90- 07.91	112131	12 1.4
					AT 08.91- 07.92	111748	12 1.1	
					08.90- 07.91	111751	12 1.0	
Passat 1.8 G60 Syncro	[PG]	07.92- 03.97	111352	14 70	08.90- 07.91	112131	12 1.4	
		07.92- 03.97	111479	14 90	09.89- 07.90	111751	12 1.0	
		AC 07.92- 03.97	111353	14 70				
		AC 07.92- 03.97	111477	14 90				
Passat 1.8 TSi	[BZB]				05.07-	114163	12 1.1	
	[CDAB]	01.12-	114722	14 140	A25 02.11- 02.11-	115337	12 2.0	
						114163	12 1.1	
	[CDAA]	01.12-	114722	14 140	A25 08.10- 06.08-	115337	12 2.0	
					114163	12 1.1		
Passat 1.8 Turbo	[AEB]	10.96- 09.98	111478	14 90	10.96- 11.00	112321	12 1.1	
		10.96- 11.00	113882	14 120				
		09.98- 11.00	112398#	14 70				
		09.98- 11.00	112399	14 90				
		09.98- 11.00	113283	14 120				
	[ANB]	10.96- 11.00	113882	14 120	08.98- 11.00	112321	12 1.1	
		08.98- 11.00	112398#	14 70				
		08.98- 11.00	112399	14 90				
		08.98- 11.00	113283	14 120				
	[APU]	10.96- 11.00	113882	14 120	01.99- 11.00	112321	12 1.1	
		01.99- 11.00	112398#	14 70				
		01.99- 11.00	112399	14 90				
	01.99- 11.00	113283	14 120					
[AWM]	02.01-	112398#	14 70	Chas. 3B-4-200001- 02.01- 05.05	114179	12 1.2		
	02.01-	112399	14 90	Chas. -3B-4-200000 02.00- 10.03	112321	12 1.1		
	02.01-	113283	14 120					
Passat 1.8 Turbo 20V	[AWL]	11.00- 05.05	113882	14 120	Chas. 3B-4-200001- 11.00- 05.05	114179	12 1.2	
					Chas. -3B-4-200000 11.00- 05.05	112321	12 1.1	
	[AWT]	11.00-	112398#	14 70	Chas. 3B-4-200001- 11.00- 05.05	114179	12 1.2	
		11.00-	112399	14 90	Chas. -3B-4-200000 11.00-	112321	12 1.1	
		11.00-	113283	14 120				
	11.00- 05.05	113882	14 120					
	AC 11.00-	112399	14 90					
Passat 1.9	[WNI]	01.81- 07.81	110911	14 55	01.81- 07.83	110824#	12 1.1	
		01.81- 07.81	111139	14 75				
		01.81- 07.83	111652#	14 65				
		01.81- 07.83	111653	14 45				
Passat 1.9 Diesel	[1Y]	05.89- 11.91	110902	14 45	AT 05.89- 09.93	112286	12 1.7	
		05.89- 11.91	111154	14 65				
		05.89- 11.91	112765	14 90				
		11.91- 09.93	111352	14 70				
		11.91- 09.93	111479	14 90				
		AC 11.91- 09.93	111353	14 70				
		AC 11.91- 09.93	111477	14 90				
Passat 1.9 TD	[AAZ]	03.91- 03.97	111352	14 70	04.94- 03.97	111900	12 1.8	
		03.91- 03.97	111479	14 90	04.94- 03.97	115503	12 1.8 A49	
		AC 03.91- 03.97	111353	14 70	AT 03.91- 03.97	112286	12 1.7	
		AC 03.91- 03.97	111477	14 90				
Passat 1.9 TDI	[1Z]	10.93- 08.96	111353	14 70	04.94- 08.96	115503	12 1.8 A49	
		10.93- 08.96	111477	14 90	04.94- 08.96	111900	12 1.8	
		10.93- 08.96	111988	14 120	AT 10.93- 08.96	112286	12 1.7	
	[AFN]	03.96- 03.97	111353	14 70	10.96- 11.00	111694	12 1.8	
		03.96- 03.97	111477	14 90	03.96- 03.97	115503	12 1.8 A49	
		03.96- 03.97	111828	14 120	03.96- 03.97	111900	12 1.8	
		10.96- 11.00	113770	14 120	AT 03.96- 03.97	112286	12 1.7	
		09.98- 11.00	112396	14 90				
		09.98- 11.00	112397	14 120				
	[AHH]	09.98- 11.00	112396	14 90	05.98- 11.00	111694	12 1.8	
		09.98- 11.00	112397	14 120				
	[AHU]	08.96- 03.97	111353	14 70	10.96- 11.00	111694	12 1.8	
		08.96- 03.97	111477	14 90	08.96- 03.97	111900	12 1.8	
		08.96- 03.97	111988	14 120	08.96- 03.97	115503	12 1.8 A49	
		10.96- 06.97	112045	14 120				
		10.96- 11.00	113770	14 120				
		09.98- 11.00	112396	14 90				
		09.98- 11.00	112397	14 120				
	[AJM]	08.98- 11.00	112396	14 90	AT 08.98- 11.00	111694	12 1.8	
		08.98- 11.00	113770	14 120				
	09.98- 11.00	112397	14 120					
	AC 08.98-	112397	14 120					
[ATJ]	12.99- 11.00	112396	14 90	Chas. 3B..X..180001 12.99- 11.00	111694	12 1.8		
	12.99- 11.00	112397	14 120					
[AVB]	10.00-	112396	14 90	AT 10.00-	111694	12 1.8		
	10.00-	112397	14 120					
	10.00-	113252	14 140					



	[AVF]	11.00- 11.00- 11.00-	112396 112397 113252	14 90 14 120 14 140		11.00- 05.05 AT 11.00-	114171 111694	12 1.7 12 1.8
	[AVG]	08.99- 11.00 09.99- 11.00	112397 112396	14 120 14 90		10.96- 11.00	111694	12 1.8
	[AWX]	11.00- 11.00- 11.00-	112396 112397 113252	14 90 14 120 14 140		AT 11.00-	111694	12 1.8
	[BKC]	03.05- 03.05-	113992 114109	14 140 A47 14 180		03.05- 03.05-	113842 115508	12 1.7 12 1.7 A49
	[BLS]	03.05- 03.05-	113992 114109	14 140 A47 14 180		03.05- 08.05-	115508 113842	12 1.7 A49 12 1.7
	[BXE]	03.05- 03.05-	113992 114109	14 140 A47 14 180		03.05-	115508	12 1.7 A49
Passat 1.9 TDi 4 Motion	[AVF]	11.00- 11.00-	112397 113252	14 120 14 140		11.00- 05.05 AT 11.00-	114171 111694	12 1.7 12 1.8
Passat 1.9 TDi Syncro 4 Motion	[AFN]	10.96- 11.00 09.98- 09.98-	113770 112396 112397	14 120 14 90 14 120		06.97-	111694	12 1.8
	[ATJ]	08.99- 02.01 08.99- 02.01	112396 112397	14 90 14 120		AT 08.99- 02.01	111694	12 1.8
	[AVG]	09.98- 08.00 09.98- 08.00	112396 112397	14 90 14 120		06.97- 08.00	111694	12 1.8
Passat 2.0	[2E]	03.90- 07.92 07.92- 09.94 07.92- 09.94 AC 07.92- 09.94 AC 07.92- 09.94	112149 111352 111479 111353 111477	14 65 14 70 14 90 14 70 14 90		08.91- 09.94 08.90- 07.91 08.90- 07.91 AT 08.91- 09.94 AT 08.90- 07.91	111749 111751 112131 111748 111059	12 1.1 12 1.0 12 1.4 12 1.1 12 0.9
	[ABA]	03.90- 07.92 07.92- 03.97 07.92- 03.97 AC 07.92- 03.97 AC 07.92- 03.97	112149 111352 111479 111353 111477	14 65 14 70 14 90 14 70 14 90		AT 08.90- 07.91 AT 08.91- 03.97 08.90- 07.91 08.91- 03.97	111059 111748 112131 111749	12 0.9 12 1.1 12 1.4 12 1.1
	[ADY]	10.94- 07.95 10.94- 07.95 AC 10.94- 07.95 AC 10.94- 07.95	111352 111479 111353 111477	14 70 14 90 14 70 14 90		AT 10.94- 07.95 10.94- 07.95	111748 111749	12 1.1 12 1.1
	[AEP]					AT 10.94- 03.97	111909	12 1.1
	[AGG]	07.95- 03.97 07.95- 03.97 AC 07.95- 03.97 AC 07.95- 03.97	111352 111479 111353 111477	14 70 14 90 14 70 14 90		07.95- 03.97 AT 07.95- 03.97	111749 111748	12 1.1 12 1.1
	[ALT]	11.01-	112399	14 90	Chas. -3B-4-200000 Chas. 3B-4-2000001- Chas. 3B-4-200001-	11.01- 10.03 11.01- 05.05 11.01- 05.05	112321 114179 114179	12 1.1 12 1.2 12 1.2
	[ASU]					01.00- 08.00	112321	12 1.1
	[AUZ]					01.00- 08.00	112321	12 1.1
	[AZM]	11.00- 11.00- 11.00- 11.00- 05.05	112398# 112399 113283 113882	14 70 14 90 14 120 14 120	Chas. -3B-4-200000 Chas. 3B-4-200001-	11.00- 10.03 11.00- 05.05	112321 114179	12 1.1 12 1.2
	[BFF]	11.00- 05.05	113882	14 120	Chas. 3B-4-200001- Chas. -3B-4-200000	11.00- 05.05 11.00- 05.05	114179 112321	12 1.2 12 1.1
	[HP]	08.83- 07.87	112729	14 90		08.83- 03.88 08.83- 03.88	110824# 111010	12 1.1 12 1.4
	[JS]					08.83- 07.84 08.84- 03.88	110824# 111010	12 1.1 12 1.4
Passat 2.0 4 Motion	[ASU]					01.00- 08.00	112321	12 1.1
	[AZM]	11.00- 11.00- 11.00-	112398# 112399 113283	14 70 14 90 14 120	Chas. 3B-4-200001- Chas. -3B-4-200000	11.00- 05.05 11.00- 11.03	114179 112321	12 1.2 12 1.1
Passat 2.0 Syncro	[2E]	10.90- 07.92 07.92- 09.94 07.92- 09.94 AC 07.92- 09.94 AC 07.92- 09.94	112149 111352 111479 111353 111477	14 65 14 70 14 90 14 70 14 90		10.90- 07.91 08.91- 09.94	112131 111749	12 1.4 12 1.1
	[ADY]	10.94- 12.95 10.94- 12.95 AC 10.94- 12.95 AC 10.94- 12.95	111352 111479 111353 111477	14 70 14 90 14 70 14 90		10.94- 12.95	111749	12 1.1
	[AGG]	07.95- 12.96 07.95- 12.96 AC 07.95- 12.96 AC 07.95- 12.96	111352 111479 111353 111477	14 70 14 90 14 70 14 90		07.95- 12.96	111749	12 1.1
	[JS]					08.84- 07.85	111010	12 1.4
Passat 2.0 16V	[9A]	08.88- 09.93	111160#	14 65		08.90- 07.91 AT 08.90- 07.91 08.91- 09.93 08.91- 09.93 08.90- 07.91	112131 111059 111748 111749 111751	12 1.4 12 0.9 12 1.1 12 1.1 12 1.0
	[ABF]	01.94- 03.97 01.94- 03.97	111353 111477	14 70 14 90		AT 01.94- 03.97 01.94- 03.97	111748 111749	12 1.1 12 1.1
Passat 2.0 16V GT	[9A]	08.88- 09.93	111160#	14 65		08.90- 07.91 AT 08.90- 07.91 08.91- 09.93 08.91- 09.93 08.90- 07.91	111751 111059 111748 111749 112131	12 1.0 12 0.9 12 1.1 12 1.1 12 1.4



Application list

**VW** Continued

Passat 2.0 FSi	[BLR]	03.05- 11.05	113992	14 140 A47		AT 03.05-	111909	12 1.1
		03.05- 11.05	114109	14 180		03.05-	113773	12 1.1
						03.05- 11.05	114163	12 1.1
	[BLY]	03.05- 11.05	113992	14 140 A47		03.05-	113773	12 1.1
		03.05- 11.05	114109	14 180		03.05- 11.05	114163	12 1.1
	[BVY]	11.05-	113992	14 140 A47		11.05-	114163	12 1.1
		11.05-	114109	14 180				
	[BVZ]	11.05-	113992	14 140 A47		08.05-	114163	12 1.1
		11.05-	114109	14 180				
Passat 2.0 FSi 4 Motion	[BLX]	09.05-	113992	14 140 A47		09.05-	113773	12 1.1
		09.05-	114109	14 180		09.05-	114163	12 1.1
	[BLY]	09.05-	113992	14 140 A47		09.05-	113773	12 1.1
		09.05-	114109	14 180		09.05-	114163	12 1.1
		09.05-	113992	14 140 A47		09.05-	113773	12 1.1
	[BVX]	09.05-	114109	14 180		09.05-	114163	12 1.1
Passat 2.0 TFSI	[AXX]	07.05-	113992	14 140 A47		07.05-	113773	12 1.1
		07.05-	114109	14 180				
	[BPY]	07.05-	113992	14 140 A47		07.05-	113773	12 1.1
		07.05-	114109	14 180				
		07.05-	113992	14 140 A47		07.05-	113773	12 1.1
	[BWA]	07.05-	114109	14 180				
Passat 2.0 TSi	[CCZB]				11.10-	113773	12 1.1	
Passat 2.0 TDi	[BGH]				12.03- 05.05	114171	12 1.7	
	[BGW]	12.03-	112396	14 90		AT 11.03-	111694	12 1.8
		12.03-	112397	14 120		12.03- 05.05	114171	12 1.7
		12.03-	113252	14 140				
	[BMA]	03.05-	113992	14 140 A47		03.05-	115311	12 1.7
		03.05-	114109	14 180		05.08-	113841	12 1.7
	[BMP]	03.05-	113992	14 140 A47		03.05-	113841	12 1.7
		03.05-	114109	14 180				
		08.05-	115370	14 110				
	[BMR]	08.05-	113992	14 140 A47		AT 08.05-	113509	12 2.0
		08.05-	114109	14 180		08.05-	113841	12 1.7
					08.05-	115311	12 1.7	
	[BVD]	08.05-	113992	14 140 A47		08.05-	113841	12 1.7
		08.05-	114109	14 180				
	[BVE]	08.05-	113992	14 140 A47		08.05-	113841	12 1.7
		08.05-	114109	14 180				
	[BWV]	11.05-	113992	14 140 A47		11.05-	113841	12 1.7
		11.05-	114109	14 180				
	[CBAB]	06.08-	113992	14 140 A47		06.08-	115311	12 1.7
		06.08-	114109	14 180				
	[CBBB]	08.05-	113992	14 140 A47		08.05-	115402	12 1.8
		08.05-	114109	14 180		08.05-	115311	12 1.7
		08.05-	115370	14 110				
	[CBDC]	11.08-	113992	14 140 A47		A25 11.08-	115336	12 2.2
	[CBAA]	01.08-	113992	14 140 A47		01.08-	115311	12 1.7
		01.08-	114109	14 180				
	[CFFA]	08.10-	113992	14 140 A47		08.10-	113841	12 1.7
						A25 08.10-	115402	12 1.8
	[CFFB]	08.10-	113992	14 140 A47		A25 08.10-	115402	12 1.8
		08.10-	114109	14 180		01.12-	113841	12 1.7
	[CFGB]	08.10-	113992	14 140 A47		A25 08.10-	115402	12 1.8
		08.10-	114109	14 180				
	[CFGC]	12.12-	113992	14 140 A47		12.12-	113841	12 1.7
						A25 12.12-	115402	12 1.8
	[CLLA]	08.10-	113992	14 140 A47		A25 08.10-	115402	12 1.8
		08.10-	114109	14 180				
Passat 2.0 TDi 16V	[BKP]	03.05-	113992	14 140 A47		03.05-	113841	12 1.7
		03.05-	114109	14 180		AT 03.05-	113509	12 2.0
	[CBAB]	01.08-	113992	14 140 A47		01.08-	115402	12 1.8
		01.08-	114109	14 180		01.08-	115311	12 1.7
	01.08-	115370	14 110					
Passat 2.0 TDi 16V 4 Motion	[BKP]	03.05-	113992	14 140 A47		03.05-	113841	12 1.7
		03.05-	114109	14 180		03.05-	115311	12 1.7
	[CBAB]	05.08-	113992	14 140 A47		05.08-	115311	12 1.7
		05.08-	114109	14 180				
	05.08-	115370	14 110					
Passat 2.0 TDi 4 Motion	[BMP]	03.05-	113992	14 140 A47		03.05-	113841	12 1.7
		03.05-	114109	14 180				
	[CBAB]	08.09-	113992	14 140 A47		08.09-	115402	12 1.8
		08.09-	114109	14 180		08.09-	115311	12 1.7
[CBBB]	05.09-	113992	14 140 A47		A25 05.09-	115402	12 1.8	
	05.09-	114109	14 180		05.09-	115311	12 1.7	
	05.09-	115370	14 110					
Passat 2.0 TDi 4motion	[CFFB]	08.10-	113992	14 140 A47		08.10-	115402	12 1.8
		01.12-	114109	14 180				
	[CFGB]	08.10-	113992	14 140 A47		08.10-	115402	12 1.8
		08.10-	114109	14 180				
[CFGC]	01.13-	113992	14 140		01.13-	115402	12 1.8	
[CLLA]	08.10-	113992	14 140 A47		08.10-	115402	12 1.8	
	08.10-	114109	14 180					
Passat 2.0 TDi Blue	[CBAC]	05.09-	113992	14 140 A47		05.09-	115402	12 1.8
		05.09-	114109	14 180		05.09-	115311	12 1.7
Passat 2.0 TDi BlueTDi	[CBAC]	01.09-	113992	14 140 A47		A25 01.09-	115402	12 1.8
		01.09-	114109	14 180		01.09-	115311	12 1.7
		01.09-	115370	14 110				
Passat 2.0 TDi CC	[CBBB]	06.08-	113992	14 140 A47		06.08-	115311	12 1.7
		06.08-	114109	14 180				



	[CBAA]	06.08-06.08-	113992 114109	14 14	140 A47 180	06.08-	115311	12	1.7
Passat 2.1	[WE]	08.81- 07.83 08.81- 07.83 08.81- 07.83	111072 111652# 111653	14 14 14	50 65 45	08.81- 07.83	110824#	12	1.1
Passat 2.2	[KV]					01.81- 07.83 01.85- 03.88	110824# 111010	12 12	1.1 1.4
	[KX]					01.81- 07.83 08.85- 03.88	110824# 111010	12 12	1.1 1.4
Passat 2.2 Syncro	[HY]					08.84- 07.88	110919	12	1.4
	[JT]					08.85- 03.88	111010	12	1.4
Passat 2.3 V5	[AZX]	11.00-11.00-	112399 113283	14 14	90 ▲ 120 ▲				
Passat 2.3 V5 4 Motion	[AZX]	11.00-11.00-	112399 113283	14 14	90 ▲ 120 ▲				
	[AGZ]	09.98- 11.00 09.98- 11.00	112399 113283	14 14	90 ▲ 120 ▲				
Passat 2.3 VR5	[AZX]	11.00-11.00-	112399 113283	14 14	90 ▲ 120 ▲				
	[AGZ]	09.98- 11.00 09.98- 11.00	112399 113283	14 14	90 ▲ 120 ▲				
Passat 2.3 VR5 4 Motion	[AZX]	11.00-11.00-	112399 113283	14 14	90 ▲ 120 ▲				
	[AGZ]	09.98- 11.00 09.98- 11.00	112399 113283	14 14	90 ▲ 120 ▲				
Passat 2.5 TDI	[AFB]	11.00-	111995			07.98-	111995	12	2.0
	[AKN]					07.98- 05.03	111995	12	2.0
	[BDG]	05.03-	113510	14	140	05.03-	111995	12	2.0
Passat 2.5 TDI 4 Motion	[AFB]	11.00-11.00-05.05	112399 113751	14 14	90 120	11.00- 05.05	111995	12	2.0
	[AKN]	11.00-11.00-05.05	111995 112399 113751		90 120	11.00- 01.03	111995	12	2.0
	[BAU]	01.03-	113510	14	140	01.03-	111995	12	2.0
	[BDH]	01.03-	113510	14	140	01.03-	111995	12	2.0
	[AFB]	12.98- 11.00	113758	14	120	08.98-	111995	12	2.0
Passat 2.5 TDI Syncro 4 Motion	[AKN]					05.99-	111995	12	2.0
	[APR]	01.99- 11.00	113751	14	120	01.99- 11.00	111769	12	1.4
Passat 2.8	[ACK]	01.97- 11.00	112806	14	120	01.97- 04.97	112309	12	1.4
						05.97- 11.00	111769	12	1.4
	[AGE]	05.97- 09.98	112806	14	120	05.97- 09.99	111769	12	1.4
	[AOD]	01.99- 11.00	112399	14	90	01.99- 11.00	111769	12	1.4
	[ATX]	10.99- 11.00	112399	14	90	09.99- 11.00	111769	12	1.4
	[BBG]					09.99- 11.00	111769	12	1.4
	[AMX]					11.00- 05.05	111769	12	1.4
	[ATQ]					11.00- 05.05	111769	12	1.4
Passat 2.8 4 Motion	[ATX]	10.99- 11.00	112399	14	90	09.99- 11.00	111769	12	1.4
	[APR]	01.99- 11.00	113751	14	120	01.99-	111769	12	1.4
	[ACK]	05.97- 09.98	112806	14	120	10.96- 04.97	112309	12	1.4
						05.97- 11.00	111769	12	1.4
Passat 2.8 Syncro 4 Motion	[ALG]	05.97- 09.98	112806	14	120	05.97- 11.00	111769	12	1.4
		09.98- 11.00	112399	14	90	10.96- 04.97	112309	12	1.4
	[AOD]					05.97- 11.00	111769	12	1.4
						10.96- 04.97	112309	12	1.4
Passat 2.8 VR6	[AAA]	06.91- 07.92 12.94- 03.97	111353 112709	14 14	70 120	AT 06.91- 03.97 06.91- 03.97	112286 112166	12 12	1.7 1.7
	[ABV]	11.94- 03.97	111828	14	120	01.94- 03.97	112166	12	1.7
Passat 3.2 FSI 4 Motion	[AXZ]	11.05-11.05-	113992 114109	14 14	140 A47 180	11.05-	113509	12	2.0
Passat 3.6 4 Motion	[BWS]	06.08-	114697	14	180				
Passat 3.6 R36 4motion	[BWS]	04.07-	114697	14	180				
Passat CC 1.4 TSi MultiFuel	[CKMA]	A25 01.11-	115528*	14	140	01.11-	114163	12	1.1
Passat CC 2.0 TSi	[CCZB]					11.10- 11.10-	113773 114299	12 12	1.1 1.7
Phaeton 3.0 TDI 4 Motion	[CARA]					06.07-	114094	12	2.2
Phaeton 3.0 V6 TDI 4 Motion	[BMK]					09.04-	114094	12	2.2
Polo 0.8	[HE]	01.76- 05.77	110360	14	45				
Polo 0.9	[HA]	04.75- 09.81 04.75- 09.81	110360 110913	14 14	45 70				
	[ACM]	02.92- 09.94 02.92- 09.94	111288 112763	14 14	65 55	02.92- 09.94	111058	12	0.8
Polo 1.0	[AER]	03.96-03.96- PS 03.96- PS 03.96-	111352 111479 111353 111477	14 14 14 14	70 90 70 90	09.96- 10.99	113750	12	0.9 BO
	[AEV]	10.94- 12.99 PS 10.94- 12.99 PS 10.94- 12.99	111352 111353 111477	14 14 14	70 70 90				
	[ALD]	PS 10.99- AC 10.99-	112273 112274	14 14	70 90	07.98- 09.01	113750	12	0.9 BO
	[ALL]	PS 05.97- 12.99	111820	14	90	09.96- 10.99	113750	12	0.9 BO
	[AUC]	PS 10.99- AC 10.99-	112273 112274	14 14	70 90	10.99- 09.01	113750	12	0.9 BO
Polo 1.0	[GL]	10.81- 07.85 10.81- 07.85 08.85- 10.86	110360 110913 111095#	14 14 14	45 70 65	08.84- 10.86	111058	12	0.8
	[HZ]	08.85- 12.88 12.88- 08.90 12.88- 08.90	111095# 111288 112763	14 14 14	65 65 55	08.85- 08.90	111058	12	0.8

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

VW Continued

	[AAK]	08.89- 09.94	111288	14 65	01.85- 09.94	111058	12 0.8
		08.89- 09.94	112763	14 55			
	[AAU]	10.90- 09.94	111288	14 65	01.85- 09.94	111058	12 0.8
		10.90- 09.94	112763	14 55			
Polo 1.05	[AEV]	10.94-	111352	14 70	10.94- 09.96	112307	12 1.1
		10.94-	111479	14 90			
	PS	10.94-	111353	14 70			
	PS	10.94-	111477	14 90			
Polo 1.1	[HB]	03.75- 07.83	110360	14 45			
		08.79- 07.83	110913	14 70			
	[HC]	03.75- 07.77	110360	14 45			
Polo 1.2	[AWY]	01.02-	113253	14 90	01.02- 01.02-	112435 113515	12 1.1 12 0.9
	[AZQ]				10.01-	113515	12 0.9
		08.02-	113253	14 90	10.01-	112435	12 1.1
	[BMD]	01.02-	113253	14 90	01.02- 01.02-	112435 113515	12 1.1 12 0.9
	[BME]				10.01-	113515	12 0.9
		08.02-	113253	14 90	10.01-	112435	12 1.1
Polo 1.2 TSI	[CBZB]				06.09-	114034	12 1.0
	[CBZC]				A25 05.11-	115401	12 2.2
					05.11-	114034	12 1.0
					05.11-	115337	12 2.0
Polo 1.2 TDI	[CFWA]				A25 10.09-	115336	12 2.2
Polo 1.3	[2G]	12.88- 09.94	111288	14 65	12.88- 09.94	111058	12 0.8
		12.88- 09.94	112763	14 55			
	[3F]	08.82- 07.85	110360	14 45	08.84- 09.94	111058	12 0.8
		08.82- 07.85	110913	14 70			
		08.85- 12.88	111095#	14 65			
		12.88- 09.94	111288	14 65			
		12.88- 09.94	112763	14 55			
	[ADX]	10.94-	111352	14 70	10.94- 07.95	112307	12 1.1
		10.94-	111479	14 90			
	PS	10.94-	111353	14 70			
	PS	10.94-	111477	14 90			
	[GK]	09.82- 07.85	110360	14 45	08.84- 08.90	111058	12 0.8
		09.82- 07.85	110913	14 70			
		08.85- 12.88	111095#	14 65			
		12.88- 08.90	111288	14 65			
		12.88- 08.90	112763	14 55			
	[HH]	01.77- 07.83	110360	14 45			
		08.79- 07.83	110913	14 70			
	[HJ]	10.81- 07.82	110360	14 45			
		10.81- 07.82	110913	14 70			
	[HK]	08.83- 07.85	110360	14 45	08.84- 07.85	111058	12 0.8
		08.83- 07.85	110913	14 70			
	[HW]	08.83- 07.85	110360	14 45	08.84- 07.85	111058	12 0.8
		08.83- 07.85	110913	14 70			
	[MH]	08.83- 07.88	110360	14 45	08.84- 12.92	111058	12 0.8
		08.83- 07.85	110913	14 70			
		08.85- 12.88	111095#	14 65			
		12.88- 12.92	111288	14 65			
		12.88- 12.92	112763	14 55			
	[NZ]	08.83- 07.85	110360	14 45	08.84- 12.92	111058	12 0.8
		08.83- 07.85	110913	14 70			
		08.85- 12.88	111095#	14 65			
		12.88- 12.92	111288	14 65			
		12.88- 12.92	112763	14 55			
	[AAV]	01.91- 09.94	111288	14 65	01.91- 09.94	111058	12 0.8
		01.91- 09.94	112763	14 55			
Polo 1.3 G40	[PY]	01.87- 09.94	111095#	14 65	01.87- 09.94	111058	12 0.8
		12.88- 08.90	111288	14 65			
Polo 1.3 Diesel	[MNI]	08.86- 08.90	111154	14 65			
		08.86- 08.90	111288	14 65			
		08.86- 08.90	112763	14 55			
Polo 1.4	[AEX]	07.95- 10.99	111352	14 70	AT 07.95-	111823	12 1.1
		07.95-	111479	14 90	07.95- 10.99	113750	12 0.9 BO
		07.97- 12.97	111820	14 90	07.95- 10.99	112307	12 1.1
	PS	07.95- 10.99	111353	14 70			
	PS	07.95- 10.99	111477	14 90			
	AC	05.97-	111477	14 90			
	[AKK]	10.99- 09.01	111820	14 90	10.99- 09.01	112307	12 1.1
		10.99-	112273	14 70			
		10.99- 09.01	112274	14 90			
	A20	10.99- 09.01	111477	14 90			
	[AKP]	PS 12.98- 09.01	112273	14 70	12.98- 09.01	112307	12 1.1
		AC 12.98- 09.01	112274	14 90	AT 12.98- 09.01	111823	12 1.1
	[AKV]	05.97-	111352	14 70	05.97- 12.99	113750	12 0.9 BO
		05.97-	111479	14 90	07.95-	112307	12 1.1
		12.97- 08.99	111820	14 90	AT 07.95-	111823	12 1.1
	PS	05.97-	111353	14 70			
	PS	05.97-	111477	14 90			
	AC	05.97-	111477	14 90			
	[ANW]	10.99- 08.00	111820	14 90	10.99- 08.00	112307	12 1.1
		10.99- 08.00	112274	14 90	09.98- 09.01	113750	12 0.9 BO
		A20 10.99- 08.00	111477	14 90			



	[APO]	11.97- 12.99	111352	14 70		11.97- 12.99	112307	12 1.1	
		12.97- 08.99	111820	14 90		11.97- 12.99	113750	12 0.9	BO
		PS 11.97- 12.99	111353	14 70		AT 07.95-	111823	12 1.1	
		PS 11.97- 12.99	111477	14 90					
	[AUB]	10.01-	113870	14 70		10.01- 04.02	112435	12 1.1	
		AC 10.01-	112274	14 90		10.01- 04.02	113515	12 0.9	
	[AUD]	06.00- 09.01	112273	14 70		06.00- 09.01	112307	12 1.1	
		06.00- 09.01	112274	14 90		AT 10.99- 09.01	111823	12 1.1	
		PS 10.99- 09.01	112273	14 70					
		ACPS 10.99- 09.01	112274	14 90					
		A20 06.00- 09.01	111477	14 90					
	[BBY]	07.03-	112274	14 90		07.03- 08.04	111823	12 1.1	
		07.03-	113870	14 70		07.03-	113515	12 0.9	
		07.03-	113874	14 110					
	[BBZ]	11.03-	112274	14 90		11.03-	113515	12 0.9	
	[CGGB]	06.09-	112274	14 90		06.09-	114034	12 1.0	
		06.09-	113874	14 110					
	[AAK]	ACPS 09.98- 09.01	112274	14 90		AT 09.98- 09.01	111823	12 1.1	
Polo 1.4 16V	[AFH]	04.96-	111353	14 70		04.96-	112307	12 1.1	
		04.96-	111477	14 90					
	[AFK]	10.99-	112273	14 70		10.99-	112307	12 1.1	
		10.99-	112274	14 90					
		10.99- 09.01	113870	14 70					
	[AHW]	10.99-	112273	14 70		10.99-	112307	12 1.1	
		10.99-	112274	14 90		AT 10.99-	111823	12 1.1	
		10.99- 09.01	113874	14 110		10.99- 09.01	113750	12 0.9	BO
	[APE]	10.99-	112273	14 70		10.99-	112307	12 1.1	
		10.99-	112274	14 90		10.99- 09.01	113750	12 0.9	BO
		10.99- 09.01	113874	14 110					
	[AQO]	10.99-	112273	14 70					
		10.99-	112274	14 90					
		10.99- 09.01	113870	14 70					
	[AUA]	06.00- 09.01	111820	14 90		AT 10.99-	111823	12 1.1	
		10.01-	113870	14 70		10.01-	113515	12 0.9	
		10.99- 09.01	112273	14 70		10.99- 09.01	112307	12 1.1	
		10.99- 09.01	112274	14 90		10.99- 09.01	113750	12 0.9	BO
		10.99- 09.01	113874	14 110		10.99-	112435	12 1.1	
		AC 10.99-	112274	14 90					
	[AUB]	10.99-	112273	14 70		10.99-	112307	12 1.1	
		10.99-	112274	14 90					
		10.99- 09.01	113870	14 70					
	[BBY]	10.01-	113870	14 70		10.01-	112435	12 1.1	
						10.01-	113515	12 0.9	
		AC 10.01-	112274	14 90		AT 10.01-	111823	12 1.1	
	[BBZ]	10.01-	113870	14 70		10.01-	112435	12 1.1	
		AC 10.01-	112274	14 90					
	[BKY]	10.01-	113870	14 70		10.01-	112435	12 1.1	
						AT 10.01-	115542*	12 1.1	
						10.01-	113515	12 0.9	
		AC 10.01-	112274	14 90		AT 10.01-	111823	12 1.1	
	[BUD]	05.06-	113870	14 70					
		05.06-	113874	14 110					
Polo 1.4 FSi	[AXU]	05.02-	114769	14 110		09.01-	113515	12 0.9	
Polo 1.4 GTi	[CAVE]	05.10-	113861	14 110					
Polo 1.4 Diesel	[1W]	10.90- 09.94	111154	14 65		01.91- 09.94	111058	12 0.8	
Polo 1.4 Flexfuel	[CMAA]	03.10- 01.11	113874	14 110		03.10- 01.11	114034	12 1.0	
Polo 1.4 TDI	[AMF]	10.99-	113275	14 120		10.99-	111900	12 1.8	
		10.99- 09.01	113873#	14 70		10.01-	113842	12 1.7	
						10.99- 09.01	115503	12 1.8	A49
	[BAY]	10.01-	113275	14 120		10.01-	111900	12 1.8	
		10.01-	113873#	14 70		11.04- 03.05	115508	12 1.7	A49
						07.03-	113842	12 1.7	
						10.01- 11.04	115503	12 1.8	A49
	[BMS]	04.05-	112079	14 90 A47		04.05-	113842	12 1.7	
		04.05-	113275	14 120		04.05-	115508	12 1.7	A49
		04.05-	113873#	14 70					
	[BNM]	04.05-	113275	14 120		04.05-	114062	12 1.7	
		04.05-	113873#	14 70					
	[BNV]	04.05-	112079	14 90 A47		04.05-	115508	12 1.7	A49
		04.05-	113275	14 120		04.05-	113842	12 1.7	
		04.05-	113873#	14 70					
	[BWB]	04.05-	113873#	14 70		04.05-	114062	12 1.7	
		05.06-	113275	14 120					
Polo 1.6	[1F]	11.95- 09.97	111352	14 70		11.95- 09.97	111909	12 1.1	
		11.95-	111479	14 90		11.95-	111748	12 1.1	
		11.95- 09.97	111820	14 90		11.95- 09.97	115504	12 1.1	A49
		AC 11.95- 09.97	111477	14 90					
	[AEA]	10.94- 07.95	111353	14 70		10.94- 07.95	112307	12 1.1	
		10.94- 07.95	111477	14 90					
	[AEE]	07.95- 12.99	111353	14 70		07.95- 12.99	112307	12 1.1	
		07.95- 12.99	111477	14 90		AT 07.95- 12.99	111823	12 1.1	
		AC 07.95-	111477	14 90					
	[AEH]	10.99- 09.01	111820	14 90		10.99- 09.01	111909	12 1.1	
		10.99- 09.01	111989	14 90		10.99- 09.01	115504	12 1.1	A49
		10.99- 09.01	112075	14 70		05.97-	111748	12 1.1	
		10.99- 09.01	115482	14 90 A49					
		A20 10.99- 09.01	111477	14 90					





VW Continued

Application list

	[AFT]	12.95- 12.95- 05.97- 08.99 AC 12.95- AC 12.95-	111352 111479 111820 111353 111477	14 70 14 90 14 90 14 70 14 90	12.95-	111748	12 1.1
	[AHS]	03.96- 12.99 03.96- 12.99	111353 111477	14 70 14 90	03.96- 12.99 AT 03.96- 12.99	112307 111823	12 1.1 12 1.1
	[AKL]	10.99- 09.01 10.99- 09.01 10.99- 09.01 10.99- 09.01 A20 10.99- 09.01	111820 111989 112075 115482 111477	14 90 14 90 14 70 14 90 A49 14 90	10.99- 09.01 10.99- 09.01 05.97-	111909 115504 111748	12 1.1 12 1.1 A49 12 1.1
	[ALM]	11.95- 09.01 07.98- 09.01	112274 111820	14 90 14 90	11.95- 09.01	112307	12 1.1
	[APF]	03.00- 10.00 03.00- 10.00 03.00- 10.00 03.00- 10.00 A20 03.00- 10.00	111820 111989 112075 115482 111477	14 90 14 90 14 70 14 90 A49 14 90	03.00- 10.00 03.00- 10.00 05.97-	111909 115504 111748	12 1.1 12 1.1 A49 12 1.1
	[AUR]	07.00- 09.01 12.95- 09.01 12.95- 09.01 12.95- 09.01 AC 07.00- 09.01 A20 12.95- 09.01	111820 111989 112075 115482 111989 111477	14 90 14 90 14 70 14 90 A49 14 90 14 90	12.95- 09.01 05.97- 12.95- 09.01	111909 111748 115504	12 1.1 12 1.1 12 1.1 A49
	[CFNB]				AT 11.10- 11.10-	113773 114034	12 1.1 12 1.0
Polo 1.6 16V	[BTS]	05.06-	114769	14 110	05.06- 11.99-	113773 112307	12 1.1 12 1.1
Polo 1.6 GTI 16V	[AJV]	04.98- 12.99 04.98- 12.99 04.98- 12.99	111353 111477 111820	14 70 14 90 14 90	04.98- 12.99 AT 04.98- 12.99	112307 111823	12 1.1 12 1.1
	[ARC]	10.99- 10.99-	112273 112274	14 70 14 90	10.99-	112307	12 1.1
	[AVY]	05.00- 09.01 05.00- 09.01	112273 112274	14 70 14 90	05.00- 09.01	112307	12 1.1
Polo 1.6 BiFuel	[CNKA]	01.11-	114769	14 110	01.11-	114034	12 1.0
Polo 1.6 TDI	[CAYA]	06.09- 06.09-	113992 115370	14 140 A47 14 110	A25 06.09-	115336	12 2.2
	[CAYB]	06.09- 06.09-	113992 115370	14 140 A47 14 110	06.09- A25 06.09- AT 06.09-	114299 115336 115376	12 1.7 12 2.2 12 1.8
	[CAYC]	06.09- 06.09-	113992 115370	14 140 A47 14 110	A25 06.09-	115336	12 2.2
Polo 1.6 Total Flex	[CCRA]	10.04-	115483	14 120 A49			
Polo 1.7 SDI	[AHG]	GPH 04.97- 10.99	112042	14 90	04.97- 10.99	111904	12 1.8
	[AKU]	10.99- GPH 08.97- 10.99 A17 05.97- 12.99	112401 112042 112042	14 90 14 90 14 90	08.97- 10.99	111904	12 1.8
	[AKW]	08.97- 08.97-	111828 111884	14 120 14 90	08.97-	112286	12 1.7
Polo 1.8	[ADD]	03.98- 09.01 03.98- 09.01 AC 03.98- 09.01	111352 111820 111477	14 70 14 90 14 90	03.98- 09.01 01.97- 04.98	115504 111909	12 1.1 A49 12 1.1
	[ADZ]				01.97- 09.01	111909	12 1.1
Polo 1.8 GTI	[BJX]	09.05- 09.05- 09.05- 09.05-	111884 111989 112075 115482	14 90 14 90 14 70 14 90 A49	09.05-	114163	12 1.1
Polo 1.9 Diesel	[1Y]	01.96- 04.96	111352	14 70	01.96- 10.96 07.96-	112286 111904	12 1.7 12 1.8
	[AEF]	10.94- 01.96 10.94- 09.95 10.99- 09.01	111353 111477 113888	14 70 ▲ 14 90 ▲ 14 90	10.94- 10.99	111904	12 1.8
	[AGD]	GPH 07.96- 10.99	112042	14 90	07.96- 10.99	111904	12 1.8
Polo 1.9 SDI	[1Y]				12.95- 08.99	112286	12 1.7
	[AEY]	12.95- 12.95- 12.95- 03.97- AC 12.95-	111353 111477 111828 111884 111477	14 70 14 90 14 120 14 90 14 90	12.95-	112286	12 1.7
	[AGD]	10.99- 09.01 GPH 07.96- 10.99	113888 112042	14 90 14 90	07.96- 10.99	111904	12 1.8
	[AGP]	08.99- 09.01 08.99- 09.01 08.99- 09.01 08.99- 09.01 08.99- 09.01 08.99- 09.01	111820 112002 112079 113340 114797 115483	14 90 14 120 A47 14 90 A47 14 70 14 120 A46 14 120 A49	08.99- 09.01	112286	12 1.7
	[AQM]	08.99- 09.01 08.99- 09.01 08.99- 09.01 08.99- 09.01 08.99- 09.01 08.99- 09.01	111820 112002 112079 113340 114797 115483	14 90 14 120 A47 14 90 A47 14 70 14 120 A46 14 120 A49	08.99- 09.01	112286	12 1.7
	[ASX]	10.99- 09.01	112401	14 90	10.99- 09.01	111904	12 1.8

## STARTERS & ALTERNATORS

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	[ASY]	10.01- 10.01- 10.01- 10.01- 10.01- 09.02- 11.03-	112002 112079 113340 114797 115483 115482 111989	14 120 A47 14 90 A47 14 70 14 120 A46 14 120 A49 14 90 A49 14 90	Chas. 9N-5-50001- Chas. -9N-5-180000	10.01- 10.01- 04.05	114062 112438	12 1.7 12 2.0
Polo 1.9 TDI	[AFN]	06.98- 06.98- Chas. -6K-X-507839	111884 111988 111828	14 90 14 120 14 120		06.98- 06.98- 08.99	111900 115503	12 1.8 12 1.8 A49
	[AGR]	05.97- 09.01 05.97- 09.01 05.97- 09.01 10.99- 09.01 10.99- 09.01 10.99- 09.01	112002 112079 114797 111820 113340 115483	14 120 A47 14 90 A47 14 120 A46 14 90 14 70 14 120 A49		03.97- 09.01 10.99- 09.01	111900 115503	12 1.8 12 1.8 A49
	[AHU]	07.96- 08.99 07.96- 08.99 07.96- 08.99 07.96- 08.99	111820 111828 111884 111988	14 90 14 120 14 90 14 120		07.96- 08.99 07.96- 08.99	111900 115503	12 1.8 12 1.8 A49
	[ALE]	09.96- 08.99 09.96- 08.99 03.97- 08.99 03.97- 08.99	111820 111828 111884 111988	14 90 14 120 14 90 14 120		03.97- 08.99 11.97- 08.99	111900 115503	12 1.8 12 1.8 A49
	[ALH]	05.97- 09.01 05.97- 09.01 05.97- 09.01 10.99- 09.01 10.99- 09.01 10.99- 09.01	112002 112079 114797 111820 113340 115483	14 120 A47 14 90 A47 14 120 A46 14 90 14 70 14 120 A49		03.97- 09.01 10.99- 09.01	111900 115503	12 1.8 12 1.8 A49
	[ASV]	06.98- 09.01 06.98- 09.01 06.98- 09.01 10.99- 09.01 10.99- 09.01	112002 112079 114797 113340 115483	14 120 A47 14 90 A47 14 120 A46 14 70 14 120 A49		06.98- 10.99- 09.01	111900 115503	12 1.8 12 1.8 A49
	[ASZ]	11.03- 11.03- 11.03- 11.03- 11.03-	112002 112079 113340 114797 115483	14 120 A47 14 90 A47 14 70 14 120 A46 14 120 A49		11.03- 11.03-	112429 113841	12 2.0 12 1.7
	[ATD]	10.01- 10.01- 10.01- 10.01- 10.01-	112002 112079 113340 114797 115483	14 120 A47 14 90 A47 14 70 14 120 A46 14 120 A49		04.05- 10.01- 10.01- 10.01- 04.05	115508 113842 111900 115503	12 1.7 A49 12 1.7 12 1.8 12 1.8 A49
	[AXR]	10.01- 10.01- 10.01- 10.01- 10.01-	112002 112079 113340 114797 115483	14 120 A47 14 90 A47 14 70 14 120 A46 14 120 A49		10.01- 10.01- 04.05- 10.01- 04.05	111900 113842 115508 115503	12 1.8 12 1.7 12 1.7 A49 12 1.8 A49
	[BLT]	11.03- 11.03- 11.03- 05.04- 05.04-	112002 112079 114797 113340 115483	14 120 A47 14 90 A47 14 120 A46 14 70 14 120 A49		11.03- 11.03-	112429 113841	12 2.0 12 1.7
	[BMT]	05.06-	115483	14 120 A49		05.06- 05.06-	115508 115503	12 1.7 A49 12 1.8 A49
Polo 2.0	[ADC]	08.99- 08.99- AC 08.99-	111352 111479 111820	14 70 14 90 14 90		AT 08.99-	111748	12 1.1
	[CDLJ]	08.13-	113992	14 140				
Polo Classic 1.3	[GT]	08.82- 07.88	110360	14 45		08.82- 07.88	111058	12 0.8
Polo Classic 1.8 Hybrid						03.98-	112236	12 1.8
Santana 1.3	[FZ]	08.80- 07.83 08.80- 07.83 08.83- 12.84	110360 110913 110919	14 45 14 70 14 70				
	[DT]	08.83- 12.84	110919	14 70		08.83- 12.84	110865	12 0.95
	[WV]	08.81- 07.83 08.81- 07.83 08.81- 07.83	111139 111652# 111653	14 75 14 65 14 45				
Santana 1.6	[YP]	08.81- 12.82 08.81- 12.82 08.81- 12.82	111139 111652# 111653	14 75 14 65 14 45				
	[CR]	08.81- 07.82 08.81- 07.85 08.85-	110767 111653 111094	14 45 14 45 14 65				
	[JK]	08.82- 12.84	110767	14 45				
Santana 1.6 TD	[CY]	08.81- 07.85 04.82- 12.84 08.85-	111653 110767 111094	14 45 14 45 14 65				
	[DS]	01.83- 12.84 01.83- 12.84 01.83- 12.84	110919 111139 111652#	14 70 14 75 14 65		01.83- 12.84	110865	12 0.95
						01.95- 01.95-	110865 110865	12 0.95 12 0.95
Santana 1.8 i	[AFE]							

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

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Santana 1.9	[WN]	08.81- 07.83	111139	14 75	08.81- 07.83	111010	12 1.4	
		08.81- 07.83	111652#	14 65				
		08.81- 07.83	111653	14 45				
		06.82- 12.84	110919	14 70				
		AC 08.81- 07.83	111139	14 75				
Santana 2.0	[HP]	08.83- 12.84	110919	14 70	08.83- 12.84	111010	12 1.4	
	[JS]				01.83- 07.83	110824#	12 1.1	
					08.83- 12.84	111010	12 1.4	
Santana 2.1	[WE]	08.82- 12.83	111652#	14 65	08.82- 12.83	111010	12 1.4	
Scirocco 1.3	[GF]	08.79- 12.83	110360	14 45				
		08.79- 12.83	110913	14 70				
Scirocco 1.4 TSi	[CAXA]				09.08-	115338	12 2.0	
	[CTHD]				09.08-	114163	12 1.1	
Scirocco 1.5	[JB]	02.80- 12.83	111652#	14 65	AT 08.77- 12.83	110864	12 0.7	
		02.80- 12.83	111653	14 45				
Scirocco 1.6	[FR]	02.80- 05.83	111652#	14 65	AT 08.75- 12.83	110864	12 0.7	
		02.80- 07.83	111653	14 45	08.84- 07.92	111059	12 0.9	
		06.83- 12.83	110919	14 70				
	[EG]	09.78- 07.82	111652#	14 65				
		02.80- 07.82	111653	14 45				
		08.80- 03.81	111139	14 75				
	AC 03.81- 07.82	[EW]	01.83- 05.83	111652#	14 65	08.84- 07.92	111059	12 0.9
			01.83- 05.83	111653	14 45	AT 01.83- 07.92	110864	12 0.7
			06.83- 07.85	110919	14 70			
	08.84- 07.92	[EWA]	112149	14 65				
			01.83- 05.83	111653	14 45	AT 01.83- 07.87	110864	12 0.7
			05.83- 07.87	111652#	14 65			
	06.83- 07.85	110919	14 70					
	[FN]				08.75- 07.79	111059	12 0.9	
	[FP]				AT 08.75- 07.77	110864	12 0.7	
[FT]				AT 08.75- 07.77	110864	12 0.7		
Scirocco 1.8	[RE]	04.86- 07.90	112149	14 65	04.86- 07.90	111059	12 0.9	
		08.82- 12.82	111139	14 75	08.83- 07.92	111059	12 0.9	
		08.82- 05.83	111652#	14 65				
		08.82- 05.83	111653	14 45				
		06.83- 07.85	110919	14 70				
	08.84- 07.92	112149	14 65					
	[EV]	08.82- 12.82	111139	14 75	08.83- 07.92	111059	12 0.9	
		08.82- 05.83	111652#	14 65				
		08.82- 05.83	111653	14 45				
	06.83- 07.85	110919	14 70					
	08.84- 07.92	112149	14 65					
	[EX]	08.83- 07.85	110919	14 70	08.83- 07.92	113844	12 0.95	
		08.84- 07.92	112149	14 65	08.83- 07.92	111059	12 0.9	
	[JH]	05.83- 07.85	110919	14 70	AT 05.83- 07.92	110864	12 0.7	
		08.84- 07.92	112149	14 65	08.83- 07.92	111059	12 0.9	
[JJ]	08.82- 05.83	111652#	14 65					
[PB]	08.82- 12.82	111139	14 75	08.83- 07.92	111059	12 0.9		
	08.82- 05.83	111652#	14 65					
	08.82- 05.83	111653	14 45					
	06.83- 07.85	110919	14 70					
	08.84- 07.92	112149	14 65					
Scirocco 1.8 16V	[KR]	10.85- 07.89	111160#	14 65	10.85- 07.89	111059	12 0.9	
	[PL]	03.86- 07.92	111160#	14 65	02.86- 07.92	111059	12 0.9	
Scirocco 2.0 R	[CDLA]				AT 11.09-	115333	12 1.0	
Scirocco 2.0 TSi	[CAWB]				AT 09.08-	115333	12 1.0	
	[CCZB]				AT 11.09-	115333	12 1.0	
	[CDLC]				DKG 11.09-	115333	12 1.0	
Scirocco 2.0 TDi	[CBBB]	05.09-	113992	14 140 A47	05.09-	115311	12 1.7	
		09.08-	113992	14 140 A47	09.08-	115311	12 1.7	
	[CFGC]	01.13-	113992	14 140				
	[CFHB]	11.10-	113992	14 140 A47	11.10-	113841	12 1.7	
					A25 11.10-	115402	12 1.8	
Sharan 1.8 Turbo 20V	[AJH]	09.97-	111353	14 70	AT 05.98-	111909	12 1.1	
		09.97-	111477	14 90	05.98-	112005	12 1.1	
		09.97-	112002	14 120 A47	09.97- 05.98	111749	12 1.1	
		09.97-	112079	14 90 A47	AT 09.97- 05.98	111748	12 1.1	
		09.97-	114797	14 120 A46	05.98- 02.00	115504	12 1.1 A49	
		10.98- 02.00	115483	14 120 A49				
	[AWC]	05.00-	115483	14 120 A49	09.97-	112005	12 1.1	
		09.97-	112002	14 120 A47	09.97-	114174	12 1.1	
		09.97-	113992	14 140 A47				
		09.97-	114797	14 120 A46				
Sharan 1.9 TDi	[IZ]	09.95- 07.96	111477	14 90	09.95- 07.96	111900	12 1.8	
		09.95- 07.96	111988	14 120	09.95- 07.96	115503	12 1.8 A49	
	[AFN]	09.96- 11.96	111477	14 90	09.96-	111900	12 1.8	
		09.96- 09.98	111828	14 120	09.96- 04.00	115503	12 1.8 A49	
		12.96- 09.98	111884	14 90	AT, Chas. 7MT00801-	09.96-	112286	12 1.7
	[AHU]	09.95-	112002	14 120 A47	07.96-	111900	12 1.8	
		09.95-	112079	14 90 A47	07.96- 02.00	115503	12 1.8 A49	
		09.95-	114797	14 120 A46				
07.96-		111477	14 90					
07.96-		111988	14 120					
05.99- 02.00	115483	14 120 A49						



	[ANU]	04.00-09.95-09.95-09.95-09.95-	115483 112002 112079 113992 114797	14 14 14 14 14	120 A49 120 A47 90 A47 140 A47 120 A46		03.99- 02.00	112429	12 2.0
	[ASZ]	11.02-11.02-11.02-11.02-05.05	112002 112079 114797 115483	14 14 14 14	120 A47 90 A47 120 A46 120 A49		11.02- 05.05	112429	12 2.0
	[AUY]	04.00-04.00-04.00-04.00-	112002 112079 114797 115483	14 14 14 14	120 A47 90 A47 120 A46 120 A49		04.00-	112429	12 2.0
	[AVG]						08.99- 04.00 08.99- 04.00	112005 115503	12 1.1 12 1.8 A49
	[BTB]	05.05-06.05-	115483 113992	14 14	120 A49 140 A47		05.05-	112429	12 2.0
	[BVK]	11.05-11.05-	113992 115483	14 14	140 A47 120 A49				
Sharan 1.9 TDi 4 Motion	[AUY]	04.00-04.00-04.00-04.00-AC 04.00-	112002 112079 114797 115483 112002	14 14 14 14 14	120 A47 90 A47 120 A46 120 A49 120		04.00-	112429	12 2.0
	[BVK]	04.00-04.00-	113992 115483	14 14	140 A47 120 A49				
Sharan 2.0	[ADY]	09.95- 09.98	111479	14	90		05.98- AT 09.95- 05.98 09.95- 05.98 05.98- 02.00	112005 111748 111749 115504 111909	12 1.1 12 1.1 12 1.1 12 1.1 A49 12 1.1
	[ATM]	05.00-05.00-05.00-	112002 114797 115483	14 14 14	120 A47 120 A46 120 A49		AT 05.00- 05.00- 05.00-	111909 114174 115504	12 1.1 12 1.1 12 1.1 A49
Sharan 2.0 LPG	[ATM]	05.08-05.08-	113992 115483	14 14	140 A47 120 A49		6SP 05.08- 05.08-	114174 115504	12 1.1 12 1.1 A49
Sharan 2.0 TDi	[BRT]	11.05-11.05-	113992 115483	14 14	140 A47 120 A49				
	[BVH]	11.05- 03.10 11.05- 03.10 11.05- 03.10 11.05- 03.10	112002 113992 114797 115483	14 14 14 14	120 A47 140 A47 120 A46 120 A49		11.05- 03.10	112429	12 2.0
	[CFFA]						05.10-	115402	12 1.8
	[CFFB]						07.10-	115402	12 1.8
	[CFFE]						05.11-	115402	12 1.8
	[CFGB]						08.10-	115402	12 1.8
	[CFGC]						01.13-	115402	12 1.8
Sharan 2.0 TDi 4motion	[CFFA]						05.11- 05.12	115402	12 1.8
	[CFFB]						05.11-	115402	12 1.8
Sharan 2.8 V6 24V	[AYL]	04.00-04.00-04.00-04.00-04.00-	112002 113884 113885 114797 115483	14 14 14 14 14	120 A47 150 150 120 A46 120 A49		04.00-	112429	12 2.0
Sharan 2.8 V6 24V VR6 Syncro	[AYL]	04.00-04.00-04.00-04.00-04.00-	112002 113884 113885 114797 115483	14 14 14 14 14	120 A47 150 150 120 A46 120 A49		04.00-	112429	12 2.0
Sharan 2.8 VR6	[AMY]	09.95- 04.99 04.98- 02.00	112709 113885	14 14	120 150		04.98-	112286	12 1.7
	[AAA]	09.95- 09.98 09.95- 04.99 09.95- 02.00	111828 112709 113885	14 14 14	120 120 150		09.95- AT 09.95-	112166 112286	12 1.7 12 1.7
Sharan 2.8 VR6 Syncro	[AMY]	11.96- 04.00 04.98- 02.00	112709 113885	14 14	120 150		04.98-	112286	12 1.7
	[AAA]	07.96- 09.98 07.96- 02.00	111828 113885	14 14	120 150		AT 07.96- 07.96-	112286 112166	12 1.7 12 1.7
Taro 1.8	[2Y]	04.89- 01.91	110248	14	40		04.89- 12.93	110397	12 1.0
Taro 2.2	[4Y]	06.89- 01.91	110248	14	40		04.89- 12.93	110397	12 1.0
Taro 2.4	[22R]	04.89-06.89-10.92	111483 113077	14 14	55 70		06.89- 12.93 06.89- 12.93 01.94-	110260 110411 113108	12 1.0 12 1.4 12 1.4
Taro 2.4 Diesel	[2L]	04.89- 03.97 09.91- 03.97	111483 114203	14 14	55 60		04.89- 03.97 04.89- 02.97	111387 110708	12 2.0 12 2.7
Taro 2.4 Diesel 4x4	[2L]	04.89-04.89-03.97	111483 114203	14 14	55 60		04.89- 03.97 04.89- 02.97	111387 110708	12 2.0 12 2.7
Tiguan 1.4 TSi	[CTHA]						09.07-	113773	12 1.1
	[CTHD]						05.11-	113773	12 1.1
Tiguan 1.4 TSi 4motion	[CTHD]						05.11-	113773	12 1.1
Tiguan 2.0 TFSi	[CAWA]						09.07-	113773	12 1.1
	[CAWB]						09.07-	113773	12 1.1
Tiguan 2.0 TSi 4motion	[CCZB]	05.11-	114722	14	140		05.11-	113773	12 1.1
	[CCZD]	05.11-	114722	14	140		05.11-	113773	12 1.1
Tiguan 2.0 TDi	[CBAB]	09.07-	113992	14	140 A47				
	[CBBB]	09.07-	113992	14	140 A47				
	[CBAA]	11.07-	113992	14	140 A47				
	[CFFD]	05.10-	113992	14	140 A47		A25 05.10-	115402	12 1.8

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

VW Continued

Tiguan 2.0 TDI 4 Motion	[CFGC]	11.12-	113992	14 140	11.12-	113841	12 1.7
					11.12-	115402	12 1.8
Tiguan 2.0 TDI 4motion	[CBBA]	02.08- 08.09	113992	14 140 A47			
Touareg 2.5 TDI	[BAC]	01.03-	113947	14 180	01.03-	114723	12 2.2
	[BPE]	01.06-	113947	14 180			
Touareg 2.5 TDI R5	[BLK]	08.03-	113947	14 180	08.03-	114723	12 2.2
Touareg 3.0 TDI	[BKS]				11.04-	114775	12 2.2
					11.04-	115502	12 2.2 A49
	[BUN]				12.06-	114775	12 2.2
					12.06-	114690	12 2.0
					12.06-	115502	12 2.2 A49
	[CASB]				12.06-	114690	12 2.0
	[CJGD]				05.11-	114775	12 2.2
					05.11-	115502	12 2.2 A49
Touareg 3.0 V6 TDI	[CASA]				11.07-	114775	12 2.2
					11.07-	115502	12 2.2 A49
Touareg 4.2 V8	[AXQ]	12.02-	113884	14 150			
	[BHX]	12.02-	113884	14 150			
Touran 1.2 TSI	[CBZB]				06.06- 08.08	114175	12 1.1
Touran 1.4 FSI	[BLG]	12.06-	114769	14 110	12.06-	114163	12 1.1
					AT 12.06-	115333	12 1.0
Touran 1.4 TSI	[BMY]				AT 02.06-	115333	12 1.0
					02.06-	114163	12 1.1
	[CAVC]				11.08-	114163	12 1.1
Touran 1.4 TSI EcoFuel	[CDGA]				05.09-	114163	12 1.1
Touran 1.6	[BGU]	07.03-	113992	14 140 A47	07.03-	113773	12 1.1
					07.03-	114175	12 1.1
	[BSE]	07.03-	113992	14 140 A47	07.03-	113773	12 1.1
					07.03-	114175	12 1.1
Touran 1.6 FSI	[BSF]	07.03-	113992	14 140 A47	07.03-	113773	12 1.1
					07.03-	114175	12 1.1
	[BAG]	02.03-	114769	14 110	02.03-	113773	12 1.1
					02.03-	114175	12 1.1
Touran 1.6 TDI	[BLF]	02.03-	114769	14 110	02.03-	113773	12 1.1
					02.03-	114175	12 1.1
	[BLP]	02.03-	114769	14 110	02.03-	113773	12 1.1
				02.03-	114175	12 1.1	
Touran 1.6 TDI	[CAYB]				A25 05.10-	115336	12 2.2
	[CAYC]				A25 04.10- 05.10-	115336	12 2.2
					114299	12 1.7	
Touran 1.9 TDI	[AVQ]	02.03-	113992	14 140 A47	AT 02.03-	113509	12 2.0
					02.03-	113842	12 1.7
					02.03-	115508	12 1.7 A49
	[BKC]	08.03- 08.03-	113992 115370	14 140 A47 14 110	AT 08.03-	113509	12 2.0
					08.03- 02.06	115508	12 1.7 A49
					08.03-	113842	12 1.7
	[BLS]	11.06- 05.10 11.06- 05.10	113992 115370	14 140 A47 14 110	AT 08.03-	113509	12 2.0
					DKG 11.06- 05.10	115376	12 1.8
					08.03-	113842	12 1.7
					08.03- 02.06	115508	12 1.7 A49
	[BRU]	11.04- 06.06 11.04- 06.06	113992 115370	14 140 A47 14 110	11.04-	113842	12 1.7
					06.05- 06.06	115508	12 1.7 A49
[BXE]	02.06- 02.06-	113992 115370	14 140 A47 14 110	08.03- 02.06	115508	12 1.7 A49	
[BXJ]	06.06- 06.06-	113992 115370	14 140 A47 14 110	06.06-	115508	12 1.7 A49	
Touran 2.0 FSI	[AXW]	10.03-	113992	14 140 A47	AT 10.03-	111909	12 1.1
					10.03-	113773	12 1.1
					10.03-	114163	12 1.1
	[BJZ]	10.04- 10.04-	113992 115483	14 140 A47 14 120 A49	10.04-	114163	12 1.1
	[BLR]	10.03-	113992	14 140 A47	AT 10.03-	111909	12 1.1
					10.03-	113773	12 1.1
					02.05-	114163	12 1.1
	[BLX]	10.03-	113992	14 140 A47	AT 10.03-	111909	12 1.1
				10.03-	113773	12 1.1	
				10.03-	114163	12 1.1	
[BLY]	10.03-	113992	14 140 A47	AT 10.03-	111909	12 1.1	
				10.03-	113773	12 1.1	
				10.03- 11.05	114163	12 1.1	
Touran 2.0 TDI	[AZV]	02.03-	113992	14 140 A47	AT 02.03-	113509	12 2.0
					02.03-	113841	12 1.7
	[BMM]	12.05- 12.05-	113992 115370	14 140 A47 14 110	12.05-	113841	12 1.7
	[BMN]	12.05- 12.05-	113992 115370	14 140 A47 14 110	12.05-	113841	12 1.7
	[CCHB]				05.10-	113841	12 1.7
					05.10-	115311	12 1.7
					05.10-	115402	12 1.8
	[CFHC]				05.10-	115311	12 1.7
[CLCA]				05.10-	115402	12 1.8	
Touran 2.0 TDI 16V	[BKD]	08.03- 08.03-	113992 115370	14 140 A47 14 110	AT 08.03-	113509	12 2.0
					08.03-	113841	12 1.7
Touran 2.0 EcoFuel	[BSX]	02.06-	113992	14 140 A47	02.06-	114175	12 1.1
Transporter 1.5 T1					07.66- 07.67	110363	12 0.7
Transporter 1.6 T1	[B]				08.64- 12.68	110363	12 0.7



Transporter 1.6 T2	[AD]	08.74- 04.79	111096	14 51	08.70- 07.75	110363	12 0.7
					07.75- 04.79	110858	12 0.7
	[AE]	08.70- 04.79	111096	14 51			
	[AF]	08.74- 04.79	111096	14 51	08.70- 07.75	110363	12 0.7
					08.75- 04.79	110858	12 0.7
Transporter 1.6 T3	[AH]	08.74- 04.79	111096	14 51	08.75- 04.79	110858	12 0.7
					08.70- 07.75	110363	12 0.7
	[AS]	08.74- 07.79	111096	14 51	08.70- 07.75	110363	12 0.7
					07.75- 07.79	110858	12 0.7
					05.79- 12.82	110858	12 0.7
Transporter 1.6 Diesel T3	[CT]	05.79- 12.82	111670	14 45	01.81- 12.82	111061	12 0.8
Transporter 1.6 Diesel T3	[CS]	01.81- 06.81	110360	14 45	01.85- 07.87	111069	12 1.7
		01.81- 12.85	110913	14 70			
		01.81- 07.87	112729	14 90			
		08.85- 07.87	112765	14 90 ▲			
		12.85- 07.87	111287	14 70			
		WTA 08.85- 07.87	112729	14 90			
		A20 08.85- 07.87	111287	14 70			
Transporter 1.6 TD T3	[JX]	08.84- 07.85	112729	14 90	01.85- 07.92	111069	12 1.7
		08.85- 07.92	112765	14 90 ▲			
		12.85- 07.92	111287	14 70			
		WTA 08.85- 07.92	112729	14 90			
		A20 08.85- 07.92	111287	14 70			
Transporter 1.6 TD T3 Syncro	[JX]	03.86- 07.92	111287	14 70	03.86- 07.92	111069	12 1.7
		03.86- 07.92	112765	14 90 ▲			
		WTA 03.86- 07.92	112729	14 90			
		A20 03.86- 07.92	111287	14 70			
Transporter 1.7 T2	[CA]				08.71- 07.73	110363	12 0.7
					08.71- 08.73	110858	12 0.7
Transporter 1.7 Diesel T3	[CB]				08.71- 12.73	110363	12 0.7
					08.71- 08.73	110858	12 0.7
Transporter 1.7 Diesel T3	[KY]	10.86- 07.92	111287	14 70	10.86- 07.92	111069	12 1.7
		10.86- 07.92	112765	14 90 ▲			
		WTA 10.86- 07.92	112729	14 90			
		A20 10.86- 07.92	111287	14 70			
Transporter 1.8 T2	[AP]				08.73- 07.75	110363	12 0.7
Transporter 1.8 T4	[PD]				12.90- 07.92	112306	12 1.1
Transporter 1.9 T3	[DF]	08.82- 07.85	111652#	14 65	08.82- 11.86	111061	12 0.8
		08.82- 07.85	111653	14 45	08.82- 07.92	113847	12 0.95
	[DG]	08.82- 07.85	111652#	14 65	09.82- 11.86	111061	12 0.8
		08.82- 07.85	111653	14 45	08.82- 07.92	113847	12 0.95
	[DH]	01.83- 07.85	111652#	14 65	01.83- 07.85	111061	12 0.8
		01.83- 07.85	111653	14 45			
Transporter 1.9 T3 Syncro	[GW]	08.83- 02.89	111652#	14 65	08.83- 02.89	111061	12 0.8
		08.83- 02.89	111653	14 45			
Transporter 1.9 T3 Syncro	[DG]	11.84- 07.85	111652#	14 65	02.85- 11.86	111061	12 0.8
		11.84- 07.85	111653	14 45	11.84- 07.92	113847	12 0.95
Transporter 1.9 Diesel T4	[1X]	09.90- 07.92	111154	14 65	09.90- 11.94	112167	12 1.8
		09.90- 07.92	112799	14 100	09.90-	113387	12 2.0
		08.92- 04.97	111352	14 70			
		08.92- 04.97	111479	14 90			
Transporter 1.9 TD T4	[ABL]	10.92-	111352	14 70	10.92- 11.94	112167	12 1.8
		10.92-	111479	14 90	Chas. 70-S-059839- 01.95- 06.03	113387	12 2.0
		01.99-	113406	14 90			
		AC 10.92-	111477	14 90			
		A20 10.92-	111477	14 90			
Transporter 1.9 TDI T5	[AXB]	04.03-	112002	14 120 A47	04.03-	113842	12 1.7
		04.03-	112079	14 90 A47	04.03-	115508	12 1.7 A49
		04.03-	113992	14 140 A47			
		04.03-	114797	14 120 A46			
		04.03-	115483	14 120 A49			
	[AXC]	04.03-	112002	14 120 A47	04.03-	113842	12 1.7
		04.03-	112079	14 90 A47	04.03-	115508	12 1.7 A49
		04.03-	113992	14 140 A47	04.03-	113841	12 1.7
		04.03-	114797	14 120 A46			
		04.03-	115483	14 120 A49			
	[BRR]	01.06-	113992	14 140 A47	01.06-	113842	12 1.7
		01.06-	115483	14 120 A49	01.06-	115508	12 1.7 A49
	[BRS]	06.06-	113992	14 140 A47	06.06-	113842	12 1.7
	06.06-	115483	14 120 A49	06.06-	115508	12 1.7 A49	
Transporter 2.0 T2	[CJ]				08.75- 07.79	110858	12 0.7
	[GD]				08.75- 07.77	110858	12 0.7
	[GE]				08.76- 06.79	110858	12 0.7
Transporter 2.0 T3	[CU]	05.79- 12.82	111670	14 45	05.79- 12.80	110858	12 0.7
Transporter 2.0 T4	[AAC]	07.90- 12.95	112149	14 65	01.81- 12.82	111061	12 0.8
		08.92-	111479	14 90	AT 09.90-	111059	12 0.9
		08.98-	112274	14 90	09.90- 06.98	112306	12 1.1
		01.99-	113406	14 90	09.90-	113677	12 1.1
		AC 07.90-	111477	14 90			
		A20 07.90- 09.91	111676	14 90			
		A20 09.91-	111477	14 90			
Transporter 2.0 T5	[AXA]	04.03-	112002	14 120 A47	04.03-	114163	12 1.1
		04.03-	113992	14 140 A47			
		04.03-	114797	14 120 A46			
		04.03-	115483	14 120 A49			
Transporter 2.0 TSi	[CJKA]				05.11-	113841	12 1.7
	[CJKB]				07.12-	113841	12 1.7
Transporter 2.0 BITDI T5	[CFCA]	09.09-	114697	14 180			

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**VW** Continued

Transporter 2.0 BiTDI T5 4 Motion	[CFCA]	09.09-	114697	14	180				
Transporter 2.0 TDI	[CAAE]					05.10-	113841	12	1.7
Transporter 2.0 TDI T5	[CCHB]	05.10-	114697	14	180				
	[CAAA]	09.09-	114697	14	180				
	[CAAB]	09.09-	114697	14	180				
	[CAAC]	09.09-	114697	14	180				
Transporter 2.0 TDI T5 4 Motion	[CCHB]	05.10-	114697	14	180				
	[CAAC]	09.09-	114697	14	180				
Transporter 2.1 T3	[DJ]					07.85- 05.86	111061	12	0.8
						08.85- 07.92	113847	12	0.95
	[MV]					07.85- 07.92	111061	12	0.8
						08.85- 07.92	113847	12	0.95
	[SR]					10.86- 07.92	113847	12	0.95
	[SS]					07.89- 07.92	111061	12	0.8
						07.89- 07.92	113847	12	0.95
Transporter 2.1 T3 Syncro	[DJ]					01.86- 04.86	111061	12	0.8
						01.86- 07.92	113847	12	0.95
	[MV]					08.85- 04.86	111061	12	0.8
						08.85- 07.92	113847	12	0.95
	[SR]					10.86- 07.92	113847	12	0.95
	[SS]					07.89- 07.92	113847	12	0.95
Transporter 2.1 i T3	[SS]					07.89- 07.92	113847	12	0.95
Transporter 2.4 Diesel T4	[AJA]	08.97- 08.98	111898	14	120	05.97- 06.03	113387	12	2.0
		08.97- 08.98	111899	14	90	AT 08.97-	111060	12	1.7
		08.98-	112402	14	120				
	[AAB]	09.90- 12.95	112765	14	90 ▲	AT 01.94-	111060	12	1.7
		07.92- 12.95	112799	14	100 ▲	09.90- 11.94	112052	12	2.2
		01.96-	111898	14	120	12.94- 05.98	113387	12	2.0
		01.96-	111899	14	90	AT 09.90- 05.98	110996	12	1.7
Transporter 2.4 Diesel T4 Syncro	[AAB]	11.92- 01.95	112765	14	90	11.92- 11.94	112052	12	2.2
		11.92- 01.95	112799	14	100 ▲	11.94-	113387	12	2.0
		01.96- 10.98	111898	14	120	01.94- 05.98	111059	12	0.9
		01.96- 10.98	111899	14	90	12.94-	112167	12	1.8
		11.98-	112043	14	90				
		11.98-	112402	14	120				
Transporter 2.5 T4	[ACU]	11.90- 03.04	113754	14	120	01.94- 12.94	112167	12	1.8
						12.94-	113387	12	2.0
		10.91- 08.96	111353	14	70	AT 01.94- 10.96	111060	12	1.7
		01.94- 12.95	111477	14	90				
		12.95- 10.96	111898	14	120				
		12.95- 10.96	111899	14	90				
	[AEN]	11.90- 03.04	113754	14	120	01.94- 12.94	112167	12	1.8
						09.95- 12.95	113387	12	2.0
		10.91- 12.95	111353	14	70	AT 01.94- 10.96	111060	12	1.7
		01.94- 12.95	111477	14	90				
		12.95- 10.98	111898	14	120				
		12.95- 10.98	111899	14	90				
		10.98-	112043	14	90				
		10.98-	112402	14	120				
	[AET]	08.96- 08.98	111898	14	120	08.96- 06.03	113387	12	2.0
		08.96- 08.98	111899	14	90	AT 08.96-	111060	12	1.7
		08.96- 06.03	113754	14	120				
		08.98-	112043	14	90				
		08.98-	112402	14	120				
	[AEU]	11.90- 04.03	111899	14	90	11.90-	111060	12	1.7
		11.90- 04.03	113754	14	120	08.96- 06.03	113387	12	2.0
		08.96- 06.03	111898	14	120				
		10.98- 06.03	112043	14	90				
		10.98-	112402	14	120				
	[APL]	05.99- 12.99	113754	14	120	05.99- 06.03	113387	12	2.0
	[AVT]	08.96- 08.98	111898	14	120	AT 08.96-	111060	12	1.7
		08.96- 08.98	111899	14	90	12.99- 06.03	113387	12	2.0
		08.98-	112043	14	90				
		08.98-	112402	14	120				
		12.99- 06.03	113754	14	120				
	[AAF]	11.90- 04.03	111899	14	90	09.90- 12.93	112167	12	1.8
		11.90- 09.91	112765	14	90 ▲	AT 09.90- 12.93	111060	12	1.7
		11.90- 03.04	113754	14	120	02.03-	113678	12	2.2
		10.91- 12.93	111353	14	70				
		10.91- 12.93	111477	14	90				
Transporter 2.5 T4 Syncro	[ACU]	10.92- 04.03	113754	14	120	12.94- 10.96	113387	12	2.0
		01.94- 10.96	111353	14	70	01.94- 12.94	112167	12	1.8
		01.94- 12.95	111477	14	90				
		12.95- 10.96	111898	14	120				
		12.95- 10.96	111899	14	90				
	[AEN]	09.95- 10.98	111898	14	120	09.95- 12.95	113387	12	2.0
		09.95- 10.98	111899	14	90	AT 10.92- 12.95	111060	12	1.7
		09.95- 12.95	113754	14	120				
		10.98-	112043	14	90				
	[AET]	07.96- 04.03	111899	14	90	AT 07.96- 06.03	111060	12	1.7
		07.96-	112402	14	120	07.96- 06.03	113387	12	2.0
		07.96- 03.04	113754	14	120				
		08.96- 10.98	111898	14	120				
		10.98-	112043	14	90				
		Chas. 70-X-075001- 07.96- 06.03	112043	14	90				
		Chas. -70-X-075000 07.96- 06.03	111898	14	120				





	[AEU]	10.92- 11.01	111898	14 120		AT 10.92- 08.01	111060	12 1.7
		10.92- 04.03	111899	14 90		06.97- 11.01	113387	12 2.0
		10.92- 04.03	113754	14 120				
		11.98- 11.01	112043	14 90				
		AC 11.98- 11.01	112043	14 90				
	[APL]	07.96- 04.03	111899	14 90		05.99- 06.03	113387	12 2.0
		07.96-	112402	14 120				
		07.96- 03.04	113754	14 120				
		05.99- 06.03	112043	14 90				
	[AVT]	07.96- 04.03	111899	14 90		12.99- 06.03	113387	12 2.0
		07.96- 03.04	113754	14 120		AT 12.99- 06.03	111060	12 1.7
		08.96-	112402	14 120				
		12.99- 06.03	112043	14 90				
	[AAF]	10.92- 04.03	111899	14 90		11.92- 12.93	112167	12 1.8
		10.92- 04.03	113754	14 120				
		11.92- 12.93	111353	14 70				
		11.92- 12.93	111477	14 90				
Transporter 2.5 TD T4	[AJT]	05.98- 10.98	111898	14 120		05.98- 06.03	113387	12 2.0
		05.98- 04.03	111899	14 90		AT 05.98-	111060	12 1.7
		05.98-	112043	14 90		AT 05.98- 04.02	112286	12 1.7
		05.98-	112402	14 120				
		05.98- 06.03	113754	14 120				
		05.98- 04.03	113884	14 150				
	[AYY]	10.01- 06.03	113754	14 120		10.01- 06.03	113387	12 2.0
		05.98- 04.03	111899	14 90				
		05.98-	112043	14 90				
		05.98- 04.03	113884	14 150				
Transporter 2.5 TDi T4	[ACV]	01.95- 08.98	111898	14 120		09.95-	112167	12 1.8
		01.95- 08.98	111899	14 90		AT 01.95- 04.02	112286	12 1.7
		01.95- 06.04	113754	14 120		AT 01.95- 06.03	111060	12 1.7
		09.95- 04.03	113884	14 150		01.95- 06.03	113387	12 2.0
		01.98- 12.03	113888	14 90				
		08.98-	112043	14 90				
		08.98-	112402	14 120				
	[AHY]	05.98-	112043	14 90		05.98-	113387	12 2.0
		05.98- 09.00	113754	14 120		05.98- 03.04	112444	12 2.0
	[AJT]	05.98- 10.98	111898	14 120		AT 05.98- 04.02	112286	12 1.7
		05.98- 08.98	111899	14 90		05.98- 06.03	113387	12 2.0
		05.98- 06.03	113754	14 120		AT 05.98-	111060	12 1.7
		05.98- 04.03	113884	14 150				
		08.98- 06.03	112043	14 90				
		08.98-	112402	14 120				
	[AUF]	09.95- 06.04	113754	14 120		AT 05.99- 04.02	112286	12 1.7
		09.95- 04.03	113884	14 150		05.99- 06.03	113387	12 2.0
						AT 05.99- 06.03	111060	12 1.7
	[AXG]	09.00- 06.03	113754	14 120		09.00- 06.03	113387	12 2.0
		05.98- 06.03	112043	14 90		05.98- 06.03	112444	12 2.0
	[AYC]	09.95- 06.04	113754	14 120		AT 04.01- 06.03	111060	12 1.7
		09.95- 04.03	113884	14 150		04.01- 06.03	113387	12 2.0
	[AYY]	10.01- 06.04	113754	14 120		05.98- 06.03	113387	12 2.0
		05.98- 08.98	111899	14 90				
		05.98- 04.03	113884	14 150				
		08.98- 06.03	112043	14 90				
Transporter 2.5 TDi T4 Syncro	[ACV]	09.95- 10.98	111898	14 120		AT 09.95- 06.03	111060	12 1.7
		09.95- 08.98	111899	14 90		01.95- 06.03	113387	12 2.0
		09.95- 03.04	113754	14 120		AT 01.95- 04.02	112286	12 1.7
		09.95- 04.03	113884	14 150				
		08.98- 06.03	112043	14 90				
		08.98-	112402	14 120				
	[AXL]	09.95- 08.98	111899	14 90		AT 03.98- 04.02	112286	12 1.7
		09.95- 03.04	113754	14 120		AT 03.98- 06.03	111060	12 1.7
		09.95- 04.03	113884	14 150		01.96- 06.03	113387	12 2.0
		03.98- 10.98	111898	14 120				
		08.98- 06.03	112043	14 90				
Transporter 2.5 TDi T5	[AXD]	04.03- 11.09	113947	14 180		04.03-	113678	12 2.2
						04.03- 11.09	115507	12 2.2 A49
	[AXE]	04.03-	113947	14 180		04.03-	113678	12 2.2
						04.03-	115507	12 2.2 A49
	[BNZ]	01.06- 11.09	113947	14 180		01.06- 11.09	113678	12 2.2
						01.06- 11.09	115507	12 2.2 A49
Transporter 2.5 TDi T5 4 Motion	[AXD]	07.04-	113947	14 180		07.04-	113678	12 2.2
						07.04-	115507	12 2.2 A49
	[AXE]	04.04-	113947	14 180		04.04-	115507	12 2.2 A49
						07.04-	113678	12 2.2
	[BPC]	04.04-	113947	14 180		04.04-	115507	12 2.2 A49
Transporter 2.8 V6 T4	[AMV]	04.00- 04.03	113884	14 150		AT 04.00-	111060	12 1.7
		05.00- 06.03	113885	14 150		04.00-	112444	12 2.0
Transporter 2.8 VR6 T4	[AES]	11.95- 04.00	112043	14 90		11.95- 04.00	113387	12 2.0
		01.96- 08.98	112709	14 120		AT 11.95- 04.00	111060	12 1.7
		01.96- 05.00	113885	14 150				
	[AMV]	05.00- 06.03	113885	14 150				
Transporter 3.2 V6 T5	[BDL]	04.03-	112002	14 120 A47		04.03-	113841	12 1.7
		04.03-	113884	14 150				
		04.03-	114453	14 180				
		04.03-	114797	14 120 A46				
		04.03-	115483	14 120 A49				



VW Continued

	[BKK]	08.03- 08.03- 08.03- 08.03-	112002 113884 114797 115483	14 120 A47 14 150 14 120 A46 14 120 A49	08.03-	113841	12 1.7
	[CFLA]	08.03-	115483	14 120 A49			
Transporter IV 1.9 Diesel	[1X]	09.90- 12.95 09.90- 12.95 09.90- 12.95	111154 111749 112765	14 65 14 90	09.90- 12.95 09.90- 12.95	113387 112167	12 2.0 12 1.8
Up 1.0 EcoFuel	[CPGA]				11.12-	113773	12 1.1
Vento 1.4	[ABD]	11.91- 07.95 11.91- 07.95 PS 11.91- 07.95 PS 11.91- 07.95 AC 11.91- 09.95 AC 11.91- 07.95	111352 111479 111353 111477 111353 111477	14 70 14 90 14 70 14 90 14 70 14 90			
	[AEX]	07.95- 12.97 07.95- 12.97 PS 07.95- 12.97 PS 07.95- 12.97	111352 111479 111353 111477	14 70 14 90 14 70 14 90	07.95- 12.97 07.95- 12.97 07.95- 12.97 07.95- 12.97	111909 112236 115504 111748	12 1.1 12 1.8 12 1.1 A49 12 1.1
Vento 1.6	[ABU]	09.92- 07.95 09.92- 09.94 PS 09.92- 07.95 PS 09.92- 07.95 AC 09.92- 07.95 AC 09.92- 07.95	111352 111479 111353 111477 111353 111477	14 70 14 90 14 70 14 90 14 70 14 90	09.92- 09.94 10.94- 07.95	112307 111748	12 1.1 12 1.1
	[AEA]	10.94- 12.97 10.94- 12.97	111352 111479	14 70 14 90	10.94- 12.97 10.94- 12.97 10.94- 07.95 10.94- 12.97	111909 111748 112236 115504	12 1.1 12 1.1 12 1.8 12 1.1 A49
	[AEE]	07.95- 12.97 07.95- 12.97	111352 111479	14 70 14 90	07.95- 12.97 07.95- 12.97 07.95- 12.97 07.95- 12.97	111748 111909 112236 115504	12 1.1 12 1.1 12 1.8 12 1.1 A49
	[AEK]	10.94- 12.95 10.94- 12.95 PS 10.94- 12.95 PS 10.94- 12.95 AC 10.94- 12.95 AC 10.94- 12.95	111352 111479 111353 111477 111353 111477	14 70 14 90 14 70 14 90 14 70 14 90	10.94- 12.95 10.94- 12.95 10.94- 12.95 10.94- 12.95 10.94- 12.95	111748 111909 112236 115504	12 1.1 12 1.1 12 1.8 12 1.1 A49
	[AFT]	12.95- 12.97 12.95- 12.97 PS 12.95- 12.97 PS 12.95- 12.97 AC 12.95- 12.97 AC 12.95- 12.97	111352 111479 111353 111477 111353 111477	14 70 14 90 14 70 14 90 14 70 14 90	12.95- 12.97 12.95- 12.97 12.95- 12.97 12.95- 12.97 12.95- 12.97	111748 111909 115504 112236	12 1.1 12 1.1 12 1.1 A49 12 1.8
Vento 1.8	[ABS]	11.91- 09.94 11.91- 09.94 AC 11.91- 09.94 AC 11.91- 09.94	111352 111479 111353 111477	14 70 14 90 14 70 14 90	11.91- 09.94	111748	12 1.1
	[ADZ]	10.94- 12.97 10.94- 12.97 AC 10.94- 12.97 AC 10.94- 12.97	111352 111479 111353 111477	14 70 14 90 14 70 14 90	11.91- 09.98 10.94- 12.97 11.91- 09.98 10.94- 12.97	111909 112236 115504 111748	12 1.1 12 1.8 12 1.1 A49 12 1.1
	[AAM]	11.91- 12.97 02.92- 12.97 AC 11.91- 12.97 AC 11.91- 12.97	111352 111479 111353 111477	14 70 14 90 14 70 14 90	11.91- 12.97 11.91- 12.97 11.91- 12.97 11.91- 12.97	112236 111909 115504 111748	12 1.8 12 1.1 12 1.1 A49 12 1.1
Vento 1.9 Diesel	[1Y]	11.91- 12.97 11.91- 12.97 AC 11.91- 12.97 AC 11.91- 12.97	111352 111479 111353 111477	14 70 14 90 14 70 14 90	11.91- 12.97	112286	12 1.7
Vento 1.9 SDi	[AEY]	01.95- 12.97 01.97- 12.97	111353 111477	14 70 14 90	ECO 01.95-	112286	12 1.7
Vento 1.9 TD	[AAZ]	11.91- 12.97 11.91- 12.97 AC 11.91- 12.97 AC 11.91- 12.97	111352 111479 111353 111477	14 70 14 90 14 70 14 90	11.91- 12.97	112286	12 1.7
Vento 1.9 TDi	[1Z]	09.93- 07.96 09.93- 07.96 09.93- 07.96	111353 111477 111988	14 70 14 90 14 120	AT 09.93- 07.96 07.94- 07.96 07.94- 07.96	112286 111900 115503	12 1.7 12 1.8 12 1.8 A49
	[AFN]	02.96- 02.96- 02.96-	111353 111477 111828	14 70 14 90 14 120	02.96- 09.98 02.96- 02.96- 09.98	115503 111900 112286	12 1.8 A49 12 1.8 12 1.7
	[AHU]	08.96- 12.97 08.96- 12.97 08.96- 12.97 08.96- 12.97	111353 111477 111828 111988	14 70 14 90 14 120 14 120	08.96- 12.97 08.96- 12.97 AT 08.96- 12.97	115503 111900 112286	12 1.8 A49 12 1.8 12 1.7
	[ALE]	05.97- 12.97 05.97- 12.97 05.97- 12.97 05.97- 12.97	111353 111477 111828 111988	14 70 14 90 14 120 14 120	05.97- 12.97 AT 05.97- 12.97 05.97- 12.97	111900 112286 115503	12 1.8 12 1.7 12 1.8 A49
Vento 2.0	[2E]	11.91- 09.94 11.91- 09.94 AC 11.91- 09.94 AC 11.91- 09.94	111352 111479 111353 111477	14 70 14 90 14 70 14 90	11.91- 09.94 08.92-	111748 111749	12 1.1 12 1.1
	[ADY]	10.94- 05.96 10.94- 05.96 AC 10.94- 05.96 AC 10.94- 05.96	111352 111479 111353 111477	14 70 14 90 14 70 14 90	10.94- 05.96 02.92-	111748 111749	12 1.1 12 1.1



	[AGG]	07.95- 12.97	111352	14 70	07.95- 12.97	111748	12 1.1
		07.95- 12.97	111479	14 90	02.92-	111749	12 1.1
		AC 07.95- 12.97	111353	14 70			
		AC 07.95- 12.97	111477	14 90			
	[AKR]	05.97- 12.97	111352	14 70	05.97- 12.97	111748	12 1.1
		05.97- 12.97	111479	14 90	02.92-	111749	12 1.1
		AC 05.97- 12.97	111353	14 70			
		AC 05.97- 12.97	111477	14 90			
Vento 2.8 VR6	[AAA]	01.92- 12.94	111991	14 120	01.92- 12.97	112166	12 1.7
		01.95-	112709	14 120	AT 01.92- 12.97	112286	12 1.7
<b>PASSENGER CARS US</b>							
Beetle 1.5	[H]				01.67- 01.69	110363	12 0.7
Beetle 1.6	[AE]				01.71- 01.73	110363	12 0.7
	[AH]				01.72- 01.74	110363	12 0.7
	[AJ]				01.75- 01.79	110363	12 0.7
	[AK]				01.73- 01.74	110363	12 0.7
	[B]				01.70- 01.70	110363	12 0.7
Beetle 1.8 Turbo	[APH]	01.99- 01.00	111353	14 70	01.99- 01.00	112005	12 1.1
		01.99- 01.00	112402	14 120	01.99- 01.00	111909	12 1.1
					01.99- 01.00	115504	12 1.1 A49
	[AWV]	01.01- 01.01	111353	14 70	01.01- 01.01	111909	12 1.1
		01.01- 01.01	112402	14 120	01.01- 01.01	112005	12 1.1
		01.02- 01.03	111989	14 90	01.01- 01.01	115504	12 1.1 A49
		01.02- 01.03	112002	14 120 A47			
		01.02- 01.03	114797	14 120 A46			
		01.02- 01.03	115482	14 90 A49			
		01.02- 01.03	115483	14 120 A49			
Beetle 1.8 Turbo S	[AWP]	01.02- 01.03	111989	14 90			
		01.02- 01.03	112002	14 120 A47			
		01.02- 01.03	114797	14 120 A46			
		01.02- 01.03	115482	14 90 A49			
		01.02- 01.03	115483	14 120 A49			
Beetle 1.9 Turbo	[ALH]	01.02- 01.02	112002	14 120 A47	01.98- 01.01	115503	12 1.8 A49
		01.02- 01.02	114797	14 120 A46	01.98- 01.01	111900	12 1.8
		01.02- 01.02	115483	14 120 A49			
		01.99- 01.02	112079	14 90 A47			
		01.99- 01.02	112402	14 120			
	[BEW]	01.04-	112002	14 120 A47			
		01.04-	112079	14 90 A47			
		01.04-	112402	14 120			
		01.04-	114797	14 120 A46			
Beetle 2.0	[AEG]	01.98- 01.98	111820	14 90	01.98- 01.00	111909	12 1.1
		01.99- 01.00	111353	14 70	01.98- 01.00	112005	12 1.1
		01.99- 01.00	112075	14 70	01.98- 01.98	111749	12 1.1
		01.99- 01.00	112402	14 120	01.98- 01.00	115504	12 1.1 A49
	[AVH]	01.01- 01.03	111353	14 70	01.01- 01.01	112005	12 1.1
		01.01- 01.03	112075	14 70	01.01- 01.01	111909	12 1.1
		01.01- 01.03	112402	14 120	01.01- 01.01	115504	12 1.1 A49
	[AZG]	01.01- 01.02	111353	14 70	01.01- 01.01	111909	12 1.1
		01.01- 01.02	112075	14 70	01.01- 01.01	112005	12 1.1
		01.01- 01.02	112402	14 120	01.01- 01.01	115504	12 1.1 A49
	[BDC]	01.03- 01.03	111353	14 70			
		01.03- 01.03	112075	14 70			
		01.03- 01.03	112402	14 120			
	[BEV]	01.04-	111353	14 70			
		01.04-	112075	14 70			
		01.04-	112402	14 120			
	[BGD]	01.04-	111353	14 70			
		01.04-	112075	14 70			
		01.04-	112402	14 120			
Cabrio 2.0	[ABA]	01.95- 01.98	111353	14 70	01.95- 01.97	115503	12 1.8 A49
		01.95- 01.02	111477	14 90	01.95- 01.97	111900	12 1.8
					01.95- 01.01	111748	12 1.1
Cabrio 2.0 Highline	[ABA]	01.97- 01.97	111353	14 70	01.97- 01.97	111748	12 1.1
		01.97- 01.97	111477	14 90	01.97- 01.97	111900	12 1.8
					01.97- 01.97	115503	12 1.8 A49
Cabriolet 1.8	[2H]	01.90- 01.93	112149	14 65	01.90- 01.93	111059	12 0.9
		01.90- 01.93	112729	14 90			
	[JH]	01.85- 01.87	110919	14 70	01.85- 01.87	110864	12 0.7
		01.88- 01.89	112149	14 65	01.85- 01.89	111059	12 0.9
		01.88- 01.89	112729	14 90			
Cabriolet 1.8 Carat	[2H]	01.91- 01.92	112149	14 65	01.91- 01.92	111059	12 0.9
		01.91- 01.92	112729	14 90			
Cabriolet 1.8 Etienne Aigner	[2H]	01.91- 01.91	112149	14 65	01.91- 01.91	111059	12 0.9
		01.91- 01.91	112729	14 90			
Camppobile 1.6	[AD]				01.71- 01.71	110363	12 0.7
	[AE]				01.71- 01.71	110363	12 0.7
	[AF]				01.71- 01.71	110363	12 0.7
	[B]				01.69- 01.70	110363	12 0.7
	[C]				01.69- 01.70	110363	12 0.7
Camppobile 1.7	[CA]				01.72- 01.73	110363	12 0.7
	[CB]				01.72- 01.73	110363	12 0.7
	[CD]				01.73- 01.73	110363	12 0.7
	[CE]				01.73- 01.73	110363	12 0.7
Camppobile 1.8	[AP]				01.74- 01.75	110363	12 0.7
	[AW]				01.74- 01.74	110363	12 0.7
	[ED]				01.74- 01.75	110363	12 0.7
Camppobile 2.0	[CJ]				01.76- 01.79	110858	12 0.7
	[GD]				01.76- 01.77	110858	12 0.7

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**VW** Continued

	[GE]					01.78- 01.79	110858	12	0.7
Corrado 1.8 Super	[PG]					01.90- 01.92	111059	12	0.9
						01.90- 01.92	111751	12	1.0
						01.91- 01.92	112131	12	1.4
Corrado 2.8	[AAA]	01.95-	111477	14	90				
Corrado 2.8 SLC	[AAA]	01.92- 01.94	111477	14	90	01.92- 01.94	111060	12	1.7
Corrado 2.8 V6	[AAA]	01.93- 01.94	111477	14	90	01.93- 01.94	111060	12	1.7
Dasher 1.5	[XR]	01.75- 01.75	110975	14	65	01.75- 01.75	111058	12	0.8
	[XS]	01.75- 01.75	110975	14	65	01.75- 01.75	111058	12	0.8
	[XV]	01.74- 01.74	110975	14	65	01.74- 01.74	111058	12	0.8
	[XW]	01.74- 01.74	110975	14	65	01.74- 01.74	111058	12	0.8
	[XY]	01.74- 01.74	110975	14	65	01.74- 01.74	111058	12	0.8
	[XZ]	01.74- 01.74	110975	14	65	01.74- 01.74	111058	12	0.8
Dasher 1.5	[CK]	01.79- 01.80	110913	14	70				
		01.79- 01.80	111035	14	65				
Dasher 1.6	[YG]	01.76- 01.80	110975	14	65	01.76- 01.80	111058	12	0.8
	[YH]	01.76- 01.80	110975	14	65	01.76- 01.80	111058	12	0.8
	[YK]	01.76- 01.76	110975	14	65	01.76- 01.76	111058	12	0.8
Dasher 1.6	[CR]	01.81- 01.81	110913	14	70				
Eurovan 2.4	[AAB]	01.93- 01.95	112765	14	90	12.94- 01.96	113387	12	2.0
		01.93- 01.95	112799	14	100	10.92- 11.94	112052	12	2.2
		01.96- 10.98	111898	14	120				
		01.96-	111899	14	90				
Eurovan 2.4 Camper	[AAB]					01.95-	113387	12	2.0
Eurovan 2.4 CL	[AAB]	10.92- 01.95	112765	14	90	12.94-	113387	12	2.0
		10.92- 01.95	112799	14	100	01.93- 11.94	112052	12	2.2
		01.96- 10.98	111898	14	120				
Eurovan 2.4 CV	[AAB]					01.93- 01.94	112052	12	2.2
Eurovan 2.4 GL	[AAB]					01.93- 12.94	112052	12	2.2
						12.94-	113387	12	2.0
Eurovan 2.4 GLS	[AAB]					01.94- 12.94	112052	12	2.2
Eurovan 2.5	[ACU]	01.95- 01.95	111353	14	70	12.94- 05.96	111900	12	1.8
		01.95- 01.95	111477	14	90	01.95- 01.95	111060	12	1.7
		01.96- 05.96	111898	14	120				
		01.96- 05.96	111899	14	90				
	[AAF]	01.94- 01.94	111353	14	70	01.94- 01.94	111060	12	1.7
		01.94- 01.94	111477	14	90				
Eurovan 2.5 Camper	[ACU]	01.95- 01.95	111353	14	70	01.95- 01.95	111060	12	1.7
		01.95- 01.95	111477	14	90				
Eurovan 2.5 CL	[AAF]	01.92- 01.93	111353	14	70	01.93- 01.93	111060	12	1.7
		01.92- 01.93	111477	14	90				
Eurovan 2.5 CV	[AAF]	01.92- 01.94	111353	14	70	01.93- 01.94	111060	12	1.7
		01.92- 01.94	111477	14	90				
Eurovan 2.5 GL	[AAF]	01.92- 01.94	111353	14	70	01.93- 01.94	111060	12	1.7
		01.92- 01.94	111477	14	90				
Eurovan 2.5 GLS	[ACU]	01.95- 01.95	111353	14	70	01.95- 01.95	111060	12	1.7
		01.95- 01.95	111477	14	90				
Eurovan 2.5 MV	[AAF]	01.93- 01.94	111353	14	70	01.93- 01.94	111060	12	1.7
		01.93- 01.94	111477	14	90				
Eurovan 2.5 Transport	[ACU]	01.95- 01.95	111353	14	70	01.95- 01.95	111060	12	1.7
		01.95- 01.95	111477	14	90				
Eurovan 2.8	[AES]	01.99- 01.00	111353	14	70	01.99- 01.00	111900	12	1.8
						01.99- 01.00	115503	12	1.8 A49
	[AXK]	01.01- 01.04	111353	14	70				
Eurovan 2.8 Camper	[AES]	01.97- 01.98	111820	14	90	01.97- 01.98	111900	12	1.8
						05.96-	112167	12	1.8
						01.97- 01.98	115503	12	1.8 A49
Fastback 1.6	[P]					01.68- 01.73	110363	12	0.7
	[T]					01.67- 01.73	110363	12	0.7
	[U]					01.68- 01.73	110363	12	0.7
	[X]					01.72- 01.73	110363	12	0.7
Fox 1.8	[ABG]	01.91- 01.93	112149	14	65	01.91- 01.93	110865	12	0.95
		01.91- 01.93	112729	14	90				
	[JN]	01.87- 01.90	112149	14	65	01.87- 01.90	110865	12	0.95
		01.87- 01.90	112729	14	90				
	[UM]	01.87- 01.87	112149	14	65	01.87- 01.87	110865	12	0.95
	01.87- 01.87	112729	14	90					
Fox 1.8 GL	[ABG]	01.91- 01.93	112149	14	65	01.91- 01.93	110865	12	0.95
		01.91- 01.93	112729	14	90				
	[JN]	01.87- 01.90	112149	14	65	01.87- 01.90	110865	12	0.95
		01.87- 01.90	112729	14	90				
	[UM]	01.87- 01.87	112149	14	65	01.87- 01.87	110865	12	0.95
	01.87- 01.87	112729	14	90					
Fox 1.8 GL Sport	[JN]	01.89- 01.90	112149	14	65	01.89- 01.90	110865	12	0.95
		01.89- 01.90	112729	14	90				
Golf I 1.6 Diesel						08.80- 07.83	110996	12	1.7
Golf II 1.6	[ME]	01.85- 01.86	111154	14	65	01.85- 01.86	111060	12	1.7
		01.89-	111152#	14	45				
		01.89-	111288	14	65				
Golf II 1.6 GL	[ME]	01.87- 01.88	111154	14	65	01.87- 01.88	111060	12	1.7
		01.87- 01.88	111288	14	65				
		01.89-	111152#	14	45				
Golf II 1.8	[PF]	01.88- 01.89	111160#	14	65	01.88- 01.89	111059	12	0.9
		01.88- 01.89	112149	14	65				
		01.88- 01.89	112729	14	90				
	[RV]	01.88- 01.89	111160#	14	65	01.88- 01.89	111059	12	0.9
		01.88- 01.89	112149	14	65				
		01.88- 01.89	112729	14	90				



Golf II 1.8 GL	[GX]	01.87- 01.87	111160#	14	65	01.87- 01.87	111059	12	0.9
		01.87- 01.87	112149	14	65				
		01.87- 01.87	112729	14	90				
	[PF]	01.88- 01.90	111160#	14	65	01.88- 01.92	111059	12	0.9
		01.88- 01.92	112149	14	65				
		01.88- 01.92	112729	14	90				
	[RV]	01.88- 01.91	111160#	14	65	01.88- 01.91	111059	12	0.9
		01.88- 01.92	112149	14	65				
		01.88- 01.92	112729	14	90				
Golf II 1.8 GT	[PF]	01.88- 01.88	111160#	14	65	01.88- 01.88	111059	12	0.9
		01.88- 01.88	112149	14	65				
		01.88- 01.88	112729	14	90				
	[RD]	01.87- 01.87	111160#	14	65	01.87- 01.87	111059	12	0.9
		01.87- 01.87	112149	14	65				
		01.87- 01.87	112729	14	90				
Golf II 1.8 GTi	[HT]	01.85- 01.86	110919	14	70	01.85- 01.86	111059	12	0.9
	[PF]	01.90- 01.92	112149	14	65	01.90- 01.92	111059	12	0.9
		01.90- 01.92	112729	14	90				
	[RD]	01.85- 01.87	111160#	14	65	01.85- 01.87	111059	12	0.9
		01.85- 01.87	112149	14	65				
	01.85- 01.87	112729	14	90					
[RV]	01.90- 01.92	112149	14	65	01.90- 01.92	111059	12	0.9	
	01.90- 01.92	112729	14	90					
Golf II 1.8 GTi 16V	[PL]	01.87- 01.89	111160#	14	65	01.87- 01.89	111059	12	0.9
		01.87- 01.89	112149	14	65				
		01.87- 01.89	112729	14	90				
Golf II 2.0 GTi 16V	[9A]	01.90- 01.92	111160#	14	65	01.90- 01.92	112131	12	1.4
Golf III 1.6	[ME]	01.92-	111152#	14	45				
		01.92-	111154	14	65				
		01.92-	111288	14	65				
Golf III 1.6 GL	[ME]	01.92-	111152#	14	45				
		01.92-	111154	14	65				
		01.92-	111288	14	65				
Golf III 1.8	[ACC]	01.93-	111352	14	70	03.95-	111059	12	0.9
		01.93-	111353	14	70				
		01.93-	111477	14	90				
		01.93-	111479	14	90				
Golf III 1.8 CL	[ACC]	01.93-	111352	14	70	08.97-	111909	12	1.1
		01.93-	111353	14	70				
		01.93-	111477	14	90				
		01.93-	111479	14	90				
Golf III 1.8 Turbo	[AWD]	01.00- 01.00	111353	14	70	01.00- 01.00	112005	12	1.1
		01.00- 01.00	112402	14	120	01.00- 01.00	111909	12	1.1
						01.00- 01.00	115504	12	1.1
	[AWW]	01.00- 01.00	111353	14	70	01.00- 01.00	111909	12	1.1
		01.00- 01.00	112402	14	120	01.00- 01.00	112005	12	1.1
						01.00- 01.00	115504	12	1.1
								A49	
Golf III 1.9	[AAZ]	01.93- 01.95	111352	14	70	01.93- 01.95	111060	12	1.7
		01.93- 01.95	111353	14	70				
		01.93- 01.95	111477	14	90				
		01.93- 01.95	111479	14	90				
Golf III 1.9 TDi	[AHU]	01.97- 01.97	111353	14	70	01.97- 01.97	111900	12	1.8
		01.97- 01.97	111477	14	90	01.97- 01.97	115503	12	1.8
		01.97- 01.97	111988	14	120				A49
	[ALH]	01.99- 01.99	111353	14	70	01.99- 01.99	115503	12	1.8
		01.99- 01.99	112075	14	70	01.99- 01.99	111900	12	1.8
		01.99- 01.99	112079	14	90				A47
	01.99- 01.99	112402	14	120					
	[AAZ]	01.96- 01.96	111352	14	70	01.96- 01.96	111900	12	1.8
01.96- 01.96		111353	14	70	01.96- 01.96	115503	12	1.8	
01.96- 01.96		111477	14	90				A49	
01.96- 01.96	111479	14	90						
Golf III 1.9 Turbo	[ALH]	01.00- 01.00	111353	14	70	01.00- 01.00	115503	12	1.8
		01.00- 01.00	112075	14	70	01.00- 01.00	111900	12	1.8
		01.00- 01.00	112079	14	90				A47
		01.00- 01.00	112402	14	120				
Golf III 1.9 Turbo GL	[ALH]	01.99-	112079	14	90				A47
		01.99-	112402	14	120				
Golf III 2.0	[ABA]	01.98- 01.98	111352	14	70	01.98- 01.98	111748	12	1.1
		01.98- 01.98	111353	14	70				
		01.98- 01.98	111477	14	90				
		01.98- 01.98	111479	14	90				
	[AEG]	01.00- 01.00	111353	14	70	01.00- 01.00	112005	12	1.1
		01.00- 01.00	112402	14	120				
Golf III 2.0 Celebration Edit	[ABA]	01.95- 01.95	111352	14	70	01.95- 01.95	111748	12	1.1
		01.95- 01.95	111353	14	70				
		01.95- 01.95	111477	14	90				
		01.95- 01.95	111479	14	90				
Golf III 2.0 City	[ABA]	01.95- 01.95	111352	14	70	01.95- 01.95	111748	12	1.1
		01.95- 01.95	111353	14	70				
		01.95- 01.95	111477	14	90				
		01.95- 01.95	111479	14	90				
Golf III 2.0 GL	[ABA]	01.93- 01.97	111352	14	70	01.99- 01.99	112005	12	1.1
		01.93- 01.97	111477	14	90	01.93- 01.99	111748	12	1.1
		01.93- 01.97	111479	14	90				
		01.94- 01.99	111353	14	70				
		01.99- 01.99	112402	14	120				
	[AEG]	01.99- 01.99	111353	14	70	01.99- 01.99	111748	12	1.1
		01.99- 01.99	112402	14	120	01.99- 01.99	112005	12	1.1

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**VW** Continued

Golf III 2.0 GLS	[AEG]	01.99- 01.99	111353	14 70	01.99- 01.99	112005	12 1.1	
		01.99- 01.99	112402	14 120	01.99- 01.99	111748	12 1.1	
Golf III 2.0 JAZZ	[ABA]	01.97- 01.97	111352	14 70	01.97- 01.97	111748	12 1.1	
		01.97- 01.97	111353	14 70				
		01.97- 01.97	111477	14 90				
		01.97- 01.97	111479	14 90				
Golf III 2.0 K2	[ABA]	01.97- 01.97	111352	14 70	01.97- 01.97	111748	12 1.1	
		01.97- 01.97	111353	14 70				
		01.97- 01.97	111477	14 90				
		01.97- 01.97	111479	14 90				
		01.98- 01.98	111353	14 70	01.98- 01.98	111748	12 1.1	
		01.98- 01.98	111479	14 90				
Golf III 2.0 Sport	[ABA]	01.95- 01.95	111352	14 70	01.95- 01.95	111748	12 1.1	
		01.95- 01.95	111353	14 70				
		01.95- 01.95	111477	14 90				
		01.95- 01.95	111479	14 90				
Golf III 2.0 Trek	[ABA]	01.97- 01.97	111352	14 70	01.97- 01.97	111748	12 1.1	
		01.97- 01.97	111353	14 70				
		01.97- 01.97	111477	14 90				
		01.97- 01.97	111479	14 90				
Golf III 2.0 GTI	[ABA]	01.93- 01.98	111352	14 70	01.99- 01.99	112005	12 1.1	
		01.93- 01.98	111477	14 90	01.93- 01.99	111748	12 1.1	
		01.93- 01.98	111479	14 90				
		01.94- 01.99	111353	14 70				
	01.99- 01.99	112402	14 120					
	[AEG]	01.99- 01.00	111353	14 70	01.99- 01.00	112005	12 1.1	
Golf III 2.8 GTI	[AFP]	01.99- 01.02	111353	14 70				
		01.99- 01.02	112075	14 70				
		01.99- 01.02	112402	14 120				
	[AAA]	01.99- 01.99	111353	14 70				
		01.99- 01.99	112075	14 70				
		01.99- 01.99	112402	14 120				
Golf III 2.8 VR6	[AAA]	01.95- 01.98	111353	14 70	01.95- 01.97	111060	12 1.7	
		01.95- 01.98	111477	14 90				
Golf III 1.8 GTI Turbo	[AWD]	01.01- 01.01	111353	14 70	01.01- 01.01	112429	12 2.0	
		01.01- 01.01	112402	14 120	01.01- 01.01	112005	12 1.1	
	[AWP]	01.02- 01.03	111353	14 70	01.02- 01.03	112005	12 1.1	
		01.02- 01.03	111989	14 90	01.02- 01.03	112429	12 2.0	
		01.02- 01.03	112402	14 120				
	[AWW]	01.01- 01.01	111353	14 70	01.01- 01.01	112429	12 2.0	
01.01- 01.01		112402	14 120	01.01- 01.01	112005	12 1.1		
Golf III 1.8 Turbo	[AWD]	01.01- 01.01	111353	14 70	01.01- 01.01	112005	12 1.1	
		01.01- 01.01	112402	14 120	01.01- 01.01	112429	12 2.0	
	[AWW]	01.01- 01.01	111353	14 70	01.01- 01.01	112429	12 2.0	
		01.01- 01.01	112402	14 120	01.01- 01.01	112005	12 1.1	
Golf III 1.9 Turbo	[ALH]	01.01- 01.01	111353	14 70	01.01- 01.01	115503	12 1.8 A49	
		01.01- 01.01	112075	14 70	01.01- 01.01	111900	12 1.8	
		01.01- 01.02	112079	14 90 A47				
		01.01- 01.02	112402	14 120				
		01.02- 01.02	112002	14 120 A47				
		01.02- 01.02	114797	14 120 A46				
Golf III 2.0	[AEG]	01.01- 01.01	111353	14 70	01.01- 01.01	112005	12 1.1	
		01.01- 01.01	112402	14 120	01.01- 01.01	111909	12 1.1	
	[AVH]	01.02- 01.03	111353	14 70	01.01- 01.01	115504	12 1.1 A49	
		01.02- 01.03	112402	14 120	01.02- 01.03	112005	12 1.1	
					01.02- 01.03	111909	12 1.1	
					01.02- 01.03	115504	12 1.1 A49	
Golf III 2.8 GTI	[BDF]	01.02- 01.02	111353	14 70				
		01.02- 01.02	112075	14 70				
Golf V 1.8 GTi Turbo	[AWP]	01.04-	111353	14 70				
		01.04-	111989	14 90				
		01.04-	112402	14 120				
Golf V 1.9 Turbo	[ALH]	01.04-	112002	14 120 A47				
		01.04-	112079	14 90 A47				
		01.04-	112402	14 120				
		01.04-	114797	14 120 A46				
	[BEW]	01.04-	112002	14 120 A47				
		01.04-	112079	14 90 A47				
		01.04-	112402	14 120				
	Golf V 2.0	[AVH]	01.04-	114797	14 120 A46			
			01.05-	111353	14 70			
			01.05-	112402	14 120			
[BEV]	01.05-	111353	14 70					
	01.05-	112402	14 120					
Jetta 1.6	[EJ]	01.80- 01.80	110913	14 70	01.80- 01.80	110864	12 0.7	
Jetta 1.6	[ME]	01.87- 01.92	111154	14 65	01.87- 01.92	111060	12 1.7	
		01.87- 01.92	111288	14 65				
		01.92- 01.92	110913	14 70				
		01.92- 01.92	111152#	14 45				
Jetta 1.6 Deluxe	[CR]	01.81- 01.81	110913	14 70				
		01.81- 01.82	111035	14 65				
		[JK]	01.83- 01.84	111035	14 65			

**STARTERS & ALTERNATORS**

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	[ME]	01.85- 01.86	111154	14	65		01.85- 01.86	111060	12	1.7
		01.86-	111288	14	65					
Jetta 1.6 GL	[ME]	01.86- 01.91	111154	14	65		01.89- 01.91	111060	12	1.7
		01.86- 01.91	111288	14	65					
		01.91- 01.91	110913	14	70					
		01.91- 01.91	111152#	14	45					
Jetta 1.6 Turbo	[MF]	01.85- 01.88	111154	14	65		01.85- 01.88	111060	12	1.7
Jetta 1.6 Turbo Deluxe	[CY]	01.83- 01.84	111035	14	65					
	[MF]	01.85- 01.85	111154	14	65		01.85- 01.85	111060	12	1.7
		01.86-	111288	14	65					
Jetta 1.6 Turbo GL	[MF]	01.86- 01.88	111154	14	65		01.86- 01.88	111060	12	1.7
		01.86- 01.88	111288	14	65					
Jetta 1.7 Deluxe	[EN]	01.81- 01.84	110913	14	70		01.81- 01.84	110864	12	0.7
		01.81- 01.84	111652#	14	65					
Jetta 1.8	[ACC]	01.93-	111352	14	70					
		01.93-	111353	14	70					
		01.93-	111477	14	90					
		01.93-	111479	14	90					
	[GX]	01.87- 01.87	112149	14	65		01.87- 01.87	111059	12	0.9
		01.87- 01.87	112729	14	90					
	[MZ]	01.85- 01.86	110919	14	70		01.85- 01.86	111059	12	0.9
	[PF]	01.89- 01.89	111160#	14	65		01.89- 01.89	111059	12	0.9
		01.89- 01.92	112149	14	65					
		01.89- 01.92	112729	14	90					
	[RV]	01.88- 01.89	111160#	14	65		01.88- 01.92	111059	12	0.9
		01.88- 01.92	112149	14	65					
		01.88- 01.92	112729	14	90					
Jetta 1.8 Carat	[PF]	01.88- 01.88	111160#	14	65		01.88- 01.88	111059	12	0.9
		01.88- 01.88	112149	14	65					
		01.88- 01.88	112729	14	90					
	[RD]	01.88- 01.88	111160#	14	65		01.88- 01.88	111059	12	0.9
		01.88- 01.88	112149	14	65					
		01.88- 01.88	112729	14	90					
	[RV]	01.89- 01.91	111160#	14	65		01.89- 01.92	111059	12	0.9
		01.89- 01.92	112149	14	65					
		01.89- 01.92	112729	14	90					
Jetta 1.8 CL	[ACC]	01.94-	111352	14	70					
		01.94-	111353	14	70					
		01.94-	111477	14	90					
		01.94-	111479	14	90					
Jetta 1.8 Deluxe	[GX]	01.85- 01.87	110919	14	70		01.85- 01.87	111059	12	0.9
	[JH]	01.84- 01.84	110919	14	70					
Jetta 1.8 GL	[ACC]	01.93-	111352	14	70					
		01.93-	111353	14	70					
		01.93-	111477	14	90					
		01.93-	111479	14	90					
	[GX]	01.86-	112149	14	65					
		01.86-	112729	14	90					
	[PF]	01.88- 01.90	111160#	14	65		01.88- 01.92	111059	12	0.9
		01.88- 01.92	112149	14	65					
		01.88- 01.92	112729	14	90					
	[RD]	01.88- 01.88	111160#	14	65		01.88- 01.88	111059	12	0.9
		01.88- 01.88	112149	14	65					
		01.88- 01.88	112729	14	90					
	[RV]	01.88- 01.92	111160#	14	65		01.88- 01.92	111059	12	0.9
		01.88- 01.92	112149	14	65					
		01.88- 01.92	112729	14	90					
Jetta 1.8 GLI	[HT]	01.85- 01.85	110919	14	70		01.85- 01.85	111059	12	0.9
	[PF]	01.87- 01.88	112149	14	65		01.87- 01.88	111059	12	0.9
		01.87- 01.88	112729	14	90					
		01.88- 01.88	111160#	14	65					
	[RD]	01.86- 01.87	112149	14	65		01.86- 01.87	111059	12	0.9
		01.86- 01.87	112729	14	90					
Jetta 1.8 16V GLI	[PL]	01.87- 01.89	112149	14	65		01.87- 01.89	111059	12	0.9
		01.87- 01.89	112729	14	90					
Jetta 1.8 Turbo	[AWP]	01.05-	111353	14	70					
		01.05-	111989	14	90					
		01.05-	112402	14	120					
Jetta 1.8 Turbo GLS	[AWD]	01.00- 01.01	111353	14	70		01.01- 01.01	112429	12	2.0
		01.00- 01.01	112402	14	120		01.00- 01.01	112005	12	1.1
							01.00- 01.00	111909	12	1.1
							01.00- 01.00	115504	12	1.1 A49
	[AWP]	01.02- 01.03	111353	14	70		01.02- 01.03	112429	12	2.0
		01.02- 01.03	111989	14	90		01.02- 01.03	112005	12	1.1
		01.02- 01.03	112402	14	120					
		01.02- 01.03	115482	14	90 A49					
	[AWW]	01.00- 01.01	111353	14	70		01.01- 01.01	112429	12	2.0
		01.00- 01.01	112402	14	120		01.00- 01.01	112005	12	1.1
							01.00- 01.00	111909	12	1.1
							01.00- 01.00	115504	12	1.1 A49
Jetta 1.9	[AAZ]	10.92- 01.95	111352	14	70		01.93- 01.95	111060	12	1.7
		01.93- 01.95	111353	14	70					
		01.93- 01.95	111477	14	90					
Jetta 1.9 TDi	[AHU]	01.97- 01.98	111353	14	70		01.97- 01.98	111900	12	1.8
		01.97- 01.98	111477	14	90		01.97- 01.98	115503	12	1.8 A49
		01.97- 01.98	111988	14	120					

## STARTERS & ALTERNATORS

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Application list

VW Continued

	[ALH]	01.02- 01.02	112002	14 120 A47	01.99- 01.01	111900	12 1.8
		01.02- 01.02	114797	14 120 A46	01.99- 01.01	115503	12 1.8 A49
		01.02- 01.02	115483	14 120 A49			
		01.99- 01.01	111353	14 70			
		01.99- 01.01	112075	14 70			
		01.99- 01.02	112079	14 90 A47			
		01.99- 01.02	112402	14 120			
	[BEW]	01.04-	112002	14 120 A47			
		01.04-	112079	14 90 A47			
		01.04-	112402	14 120			
		01.04-	114797	14 120 A46			
	[AAZ]	01.96- 01.96	111352	14 70	01.96- 01.96	115503	12 1.8 A49
		01.96- 01.96	111353	14 70	01.96- 01.96	111900	12 1.8
		01.96- 01.96	111477	14 90			
Jetta 2.0	[ABA]	01.98-	111352	14 70			
		01.98-	111353	14 70			
		01.98-	111477	14 90			
		01.98-	111479	14 90			
	[AVH]	01.01- 01.03	111353	14 70	01.01- 01.03	111909	12 1.1
		01.01- 01.02	112402	14 120	01.01- 01.03	112005	12 1.1
		01.03- 01.03	111989	14 90	01.01- 01.03	115504	12 1.1 A49
		01.03- 01.03	115482	14 90 A49			
	[AZG]	01.01- 01.02	111353	14 70	01.01- 01.02	111909	12 1.1
		01.01- 01.02	112402	14 120	01.01- 01.02	115504	12 1.1 A49
		01.04-	111989	14 90	01.01- 01.02	112005	12 1.1
	[BEV]	01.04-	111353	14 70			
		01.04-	111989	14 90			
Jetta 2.0 Celebration Edit	[ABA]	01.95- 01.95	111352	14 70	01.95- 01.95	111748	12 1.1
		01.95- 01.95	111353	14 70			
		01.95- 01.95	111477	14 90			
		01.95- 01.95	111479	14 90			
Jetta 2.0 City	[ABA]	01.95- 01.95	111352	14 70	01.95- 01.95	111748	12 1.1
		01.95- 01.95	111353	14 70			
		01.95- 01.95	111477	14 90			
		01.95- 01.95	111479	14 90			
Jetta 2.0 GL	[ABA]	01.93- 01.98	111352	14 70	01.99- 01.99	112005	12 1.1
		01.93- 01.98	111477	14 90	01.94- 01.99	111748	12 1.1
		01.93- 01.98	111479	14 90			
		01.94- 01.99	111353	14 70			
		01.99- 01.99	112402	14 120			
	[AEG]	01.99- 01.01	111353	14 70	01.99- 01.01	112005	12 1.1
		01.99- 01.01	112402	14 120	01.01- 01.01	111909	12 1.1
					01.01- 01.01	115504	12 1.1 A49
	[AVH]	01.02- 01.03	111353	14 70	01.02- 01.03	112005	12 1.1
		01.02- 01.03	111989	14 90	01.02- 01.03	111909	12 1.1
		01.02- 01.03	115482	14 90 A49	01.02- 01.03	115504	12 1.1 A49
	[AZG]	01.02- 01.02	111353	14 70	01.02- 01.02	111909	12 1.1
		01.02- 01.02	111989	14 90	01.02- 01.02	112005	12 1.1
		01.02- 01.02	115482	14 90 A49	01.02- 01.02	115504	12 1.1 A49
Jetta 2.0 GLS	[ABA]	01.93- 01.98	111352	14 70	01.99- 01.99	112005	12 1.1
		01.93- 01.98	111477	14 90	01.94- 01.99	111748	12 1.1
		01.93- 01.98	111479	14 90			
		01.94- 01.99	111353	14 70			
		01.99- 01.99	112402	14 120			
	[AEG]	01.99- 01.00	111353	14 70	01.99- 01.00	112005	12 1.1
		01.99- 01.00	112402	14 120			
Jetta 2.0 GT	[ABA]	01.97- 01.98	111352	14 70	01.97- 01.98	111748	12 1.1
		01.97- 01.98	111353	14 70			
		01.97- 01.98	111477	14 90			
		01.97- 01.98	111479	14 90			
Jetta 2.0 JAZZ	[ABA]	01.97- 01.97	111352	14 70	01.97- 01.97	111748	12 1.1
		01.97- 01.97	111353	14 70			
		01.97- 01.97	111477	14 90			
		01.97- 01.97	111479	14 90			
Jetta 2.0 K2	[ABA]	01.98- 01.98	111352	14 70	01.98- 01.98	111748	12 1.1
		01.98- 01.98	111353	14 70			
		01.98- 01.98	111477	14 90			
		01.98- 01.98	111479	14 90			
Jetta 2.0 Trek	[ABA]	01.96- 01.96	111352	14 70	01.96- 01.96	111748	12 1.1
		01.96- 01.96	111353	14 70			
		01.96- 01.96	111477	14 90			
		01.96- 01.96	111479	14 90			
Jetta 2.0 Trek II	[ABA]	01.97- 01.97	111352	14 70	01.97- 01.97	111748	12 1.1
		01.97- 01.97	111353	14 70			
		01.97- 01.97	111477	14 90			
		01.97- 01.97	111479	14 90			
Jetta 2.0 Wolfsburg Edition	[ABA]	01.96- 01.96	111352	14 70	01.96- 01.96	111748	12 1.1
		01.96- 01.96	111353	14 70			
		01.96- 01.96	111477	14 90			
		01.96- 01.96	111479	14 90			
Jetta 2.0 16V GLI	[9A]	01.90- 01.92	112750	14 90	01.90- 01.92	112131	12 1.4
Jetta 2.0 16V GTX	[9A]	01.90- 01.92	112750	14 90	01.90- 01.92	112131	12 1.4
Jetta 2.8 GLI	[BDF]	01.03-	111353	14 70			
		01.03-	112075	14 70			
Jetta 2.8 GLS	[AFP]	01.99- 01.02	111353	14 70			
		01.99- 01.02	112075	14 70			
		01.99- 01.02	112402	14 120			



	[BDF]	01.02- 01.02	111353	14	70			
		01.02- 01.02	112075	14	70			
		01.02- 01.02	112402	14	120			
Jetta 2.8 GLX	[AFP]	01.99- 01.02	111353	14	70			
		01.99- 01.02	112075	14	70			
		01.99- 01.02	112402	14	120			
	[BDF]	01.02- 01.02	111353	14	70			
		01.02- 01.02	112075	14	70			
		01.02- 01.02	112402	14	120			
	[AAA]	01.94- 01.99	111353	14	70	01.95- 01.95	111060	12 1.7
		01.94- 01.98	111477	14	90			
		01.99- 01.99	112075	14	70			
		01.99- 01.99	112402	14	120			
Jetta IV 1.6		01.91- 01.91	111152#	14	45	01.91- 01.91	111060	12 1.7
		01.91- 01.91	111154	14	65			
		01.91- 01.91	110913	14	70			
		01.91- 01.91	111288	14	65			
Jetta IV 1.6 GL		01.92- 01.92	111288	14	65	01.92- 01.92	111060	12 1.7
		01.92- 01.92	110913	14	70			
		01.92- 01.92	111152#	14	45			
Karmann Ghia 1.5	[H]					01.67- 01.69	110363	12 0.7
Karmann Ghia 1.6	[AE]					01.71- 01.73	110363	12 0.7
	[AH]					01.72- 01.74	110363	12 0.7
	[AK]					01.73- 01.74	110363	12 0.7
	[B]					01.70- 01.70	110363	12 0.7
Passat 1.8 Super	[PG]	01.92-	111477	14	90			
		01.92-	111479	14	90			
Passat 1.8 Super Syncro	[PG]	01.92-	111477	14	90			
		01.92-	111479	14	90			
Passat 1.8 Turbo	[AUG]	01.00- 01.01	112399	14	90	01.00- 01.01	112321	12 1.1
	[AEB]	01.99- 01.99	111478	14	90	01.99- 01.99	112321	12 1.1
		01.99- 01.99	112399	14	90			
	[ATW]	01.00- 01.01	112399	14	90	01.00- 01.01	112321	12 1.1
	[AWM]	01.01- 01.03	112399	14	90	01.01- 01.03	112321	12 1.1
Passat 1.8 Turbo GLS	[AEB]	01.98- 01.98	111478	14	90	01.98- 01.98	112321	12 1.1
Passat 1.9	[AAZ]	01.92- 01.94	111352	14	70	01.92- 01.94	111060	12 1.7
		01.92- 01.94	111353	14	70			
		01.92- 01.94	111477	14	90			
		01.92- 01.94	111479	14	90			
Passat 1.9 TDi	[1Z]	01.96- 01.96	111352	14	70	01.96- 01.96	111060	12 1.7
		01.96- 01.96	111353	14	70	01.96- 01.96	111900	12 1.8
		01.96- 01.96	111477	14	90	01.96- 01.96	115503	12 1.8 A49
		01.96- 01.96	111479	14	90			
		01.96- 01.96	111988	14	120			
	[AHU]	01.97- 01.97	111352	14	70	01.97- 01.97	111900	12 1.8
		01.97- 01.97	111353	14	70	01.97- 01.97	115503	12 1.8 A49
		01.97- 01.97	111477	14	90			
		01.97- 01.97	111479	14	90			
		01.97- 01.97	111988	14	120			
	[ALH]	01.98- 01.98	111478	14	90			
Passat 2.0	[9A]	01.90- 01.92	111160#	14	65	01.90- 01.92	112131	12 1.4
		01.90- 01.92	112750	14	90			
		01.94-	111477	14	90			
Passat 2.0 CL	[9A]	01.92- 01.92	111160#	14	65	01.92- 01.92	111748	12 1.1
		01.92- 01.92	112750	14	90	01.92- 01.92	111749	12 1.1
Passat 2.0 GL	[9A]	01.90- 01.93	111160#	14	65	01.90- 01.93	112131	12 1.4
		01.90- 01.93	112750	14	90			
Passat 2.0 GLS	[ABA]	01.95- 01.96	111477	14	90	01.96- 01.96	111748	12 1.1
						01.96- 01.96	111749	12 1.1
Passat 2.8	[AHA]	01.99- 01.99	112399	14	90	01.99- 01.99	112309	12 1.4
		01.99- 01.99	112806	14	120			
	[ATO]	01.00- 01.02	112399	14	90	01.00- 01.02	111769	12 1.4
Passat 2.8 4 Motion	[ATO]	01.01- 01.02	112399	14	90	01.01- 01.02	111769	12 1.4
Passat 2.8 GLS	[AHA]	01.98- 01.98	112806	14	120	01.98- 01.98	112309	12 1.4
	[AAA]	01.93- 01.93	111353	14	70	01.93- 01.93	111060	12 1.7
		01.93- 01.93	111477	14	90			
Passat 2.8 GLX	[AHA]	01.98- 01.98	112806	14	120	01.98- 01.98	112309	12 1.4
	[AAA]	01.93- 01.97	111353	14	70	01.93- 01.97	111060	12 1.7
		01.93- 01.97	111477	14	90			
Passat 2.8 VR6 GLX	[AAA]	01.95- 01.95	111477	14	90	01.95- 01.95	111060	12 1.7
						06.91- 03.97	112286	12 1.7
Quantum 1.6 Turbo DLX	[CY]	01.82- 01.83	111035	14	65			
Quantum 1.7 Custom	[WT]	01.82- 01.83	110913	14	70	01.82- 01.83	111058	12 0.8
		01.82- 01.83	111139	14	75	01.82- 01.83	110865	12 0.95
		01.82- 01.83	111652#	14	65			
Quantum 1.7 DLX	[WT]	01.82- 01.83	110913	14	70	01.82- 01.83	110865	12 0.95
		01.82- 01.83	111139	14	75	01.82- 01.83	111058	12 0.8
		01.82- 01.83	111652#	14	65			
Quantum 1.8	[JN]	01.85-	110919	14	70			
Quantum 1.8 GL Custom	[JN]	01.84-	110919	14	70			
Quantum 1.8 GL Deluxe	[JN]	01.84-	110919	14	70			
Quantum 2.2	[KM]					01.85- 01.85	111010	12 1.4
	[KX]	01.85- 01.87	112729	14	90	01.85- 01.87	111010	12 1.4
Quantum 2.2 Custom	[WE]	01.83- 01.83	111139	14	75	01.83- 01.83	111010	12 1.4
Quantum 2.2 GL	[KX]	01.88- 01.88	112729	14	90	01.88- 01.88	111010	12 1.4
Quantum 2.2 GL Custom	[KM]	01.84- 01.85	111139	14	75	01.84- 01.85	111010	12 1.4
	[KX]	01.85- 01.87	112729	14	90	01.85- 01.87	111010	12 1.4
	[WE]	01.84-	111139	14	75			
Quantum 2.2 GL Deluxe	[KM]	01.84- 01.84	111139	14	75	01.84- 01.84	111010	12 1.4

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

VW Continued

	[WE]	01.84-	111139	14 75			
Quantum 2.2 Syncro	[JT]	01.86- 01.87	112729	14 90		01.86- 01.87	111010 12 1.4
	[KX]	01.88- 01.88	112729	14 90		01.88- 01.88	111010 12 1.4
Rabbit 1.5	[EH]	01.79- 01.80	110913	14 70		01.79- 01.80	110864 12 0.7
		01.79- 01.80	111652#	14 65			
	[FC]	01.75- 01.75	110360	14 45		01.75- 01.75	110864 12 0.7
		01.75- 01.75	110913	14 70			
	[FG]	01.75- 01.75	110360	14 45		01.75- 01.75	110864 12 0.7
		01.75- 01.75	110913	14 70			
	[FX]	01.78- 01.80	110913	14 70		01.80- 01.80	110864 12 0.7
		01.78- 01.80	111652#	14 65			
Rabbit 1.5	[CK]	01.77- 01.80	110360	14 45			
		01.77- 01.80	110913	14 70			
Rabbit 1.6	[EE]	01.77- 01.77	110913	14 70		01.77- 01.77	110864 12 0.7
		01.77- 01.77	111652#	14 65			
	[EJ]	01.80- 01.80	110913	14 70		01.80- 01.80	110864 12 0.7
		01.80- 01.80	111652#	14 65			
	[FN]	01.76- 01.76	110360	14 45		01.76- 01.76	110864 12 0.7
		01.76- 01.76	110913	14 70			
Rabbit 1.6	[CR]	01.81- 01.83	110913	14 70			
		01.81- 01.83	111035	14 65			
Rabbit 1.6 GL DLX	[CR]	01.83-	110913	14 70			
		01.83-	111035	14 65			
	[JK]	01.83-	110913	14 70			
		01.83-	111035	14 65			
Rabbit 1.6 L	[CR]	01.83- 01.83	110913	14 70			
		01.83- 01.83	111035	14 65			
	[JK]	01.83- 01.84	110913	14 70		01.84- 01.84	111060 12 1.7
		01.83- 01.84	111035	14 65			
Rabbit 1.6 L Custom	[CR]	01.81- 01.82	110913	14 70			
		01.81- 01.82	111035	14 65			
Rabbit 1.6 LS Custom	[CR]	01.83- 01.83	110913	14 70			
		01.83- 01.83	111035	14 65			
	[JK]	01.83-	110913	14 70			
		01.83-	111035	14 65			
Rabbit 1.6 LS Deluxe	[CR]	01.81- 01.82	110913	14 70			
		01.81- 01.82	111035	14 65			
Rabbit 1.7	[EN]	08.80- 01.81	111653	14 45		01.81- 01.83	110864 12 0.7
		01.81- 01.83	110913	14 70			
		01.81- 01.83	111652#	14 65			
	[JF]	01.82-	110913	14 70			
		01.82-	111652#	14 65			
Rabbit 1.7 GL DLX	[EN]	08.80- 01.81	111653	14 45		01.83- 01.83	110864 12 0.7
		01.83- 01.83	110913	14 70			
		01.83- 01.83	111652#	14 65			
	[JF]	08.80- 01.81	111653	14 45			
		01.83-	110913	14 70			
		01.83-	111652#	14 65			
Rabbit 1.7 L	[EN]	08.80- 01.81	111653	14 45		01.84- 01.84	110864 12 0.7
		01.84- 01.84	110913	14 70			
		01.84- 01.84	111652#	14 65			
	[JF]	08.80- 01.81	111653	14 45		01.83- 01.84	110864 12 0.7
		01.83- 01.84	110913	14 70			
		01.83- 01.84	111652#	14 65			
Rabbit 1.7 L Custom	[EN]	08.80- 01.81	111653	14 45		01.82-	110864 12 0.7
		01.82-	110913	14 70			
		01.82-	111652#	14 65			
	[JF]	01.82-	110913	14 70			
		01.82-	111652#	14 65			
Rabbit 1.7 LS Custom	[EN]	08.80- 01.81	111653	14 45		01.83- 01.83	110864 12 0.7
		01.83- 01.83	110913	14 70			
		01.83- 01.83	111652#	14 65			
	[JF]	08.80- 01.81	111653	14 45			
		01.83-	110913	14 70			
		01.83-	111652#	14 65			
Rabbit 1.7 LS Deluxe	[EN]	08.80- 01.81	111653	14 45		01.82-	110864 12 0.7
		01.82-	110913	14 70			
		01.82-	111652#	14 65			
	[JF]	01.82-	110913	14 70			
		01.82-	111652#	14 65			
Rabbit 1.7 GTI Sport	[EN]	01.83-	110913	14 70			
		01.83-	111652#	14 65			
Rabbit 1.8	[JH]	01.83- 01.83	110913	14 70			
		01.83- 01.83	111652#	14 65			
		01.84- 01.84	110919	14 70			
Rabbit 1.8 GTI Sport	[JH]	01.83- 01.84	110913	14 70			
		01.83- 01.84	111652#	14 65			
Scirocco 1.5	[EH]	01.78-	110913	14 70			
		01.78-	111652#	14 65			
	[FC]	01.75- 01.75	110360	14 45		01.75- 01.75	110864 12 0.7
		01.75- 01.75	110913	14 70			
	[FG]	01.75- 01.75	110360	14 45		01.75- 01.75	110864 12 0.7
		01.75- 01.75	110913	14 70			
Scirocco 1.6	[EE]	01.77- 01.77	110913	14 70		01.77- 01.77	110864 12 0.7
		01.77- 01.77	111652#	14 65			
	[EJ]	01.79- 01.80	110913	14 70		01.79- 01.80	110864 12 0.7
		01.79- 01.80	111652#	14 65			
	[FN]	01.76- 01.76	110360	14 45		01.76- 01.76	110864 12 0.7
		01.76- 01.76	110913	14 70			



Scirocco 1.7 DLX	[EN]	01.81- 01.83	110913	14	70	01.81- 01.83	110864	12	0.7	
		01.81- 01.83	111652#	14	65					
Scirocco 1.8	[JH]	01.88- 01.88	111160#	14	65	01.88- 01.88	111059	12	0.9	
		01.88- 01.88	112149	14	65	01.88- 01.88	110864	12	0.7	
		01.88- 01.88	112729	14	90					
Scirocco 1.8 DLX	[JH]	01.83- 01.83	110913	14	70	01.84- 01.87	111059	12	0.9	
		01.83- 01.83	111652#	14	65	01.83- 01.87	110864	12	0.7	
		01.84- 01.85	110919	14	70					
		01.86- 01.87	111160#	14	65					
		01.86- 01.87	112149	14	65					
		01.86- 01.87	112729	14	90					
Scirocco 1.8 16V	[PL]	01.87- 01.88	111160#	14	65	01.87- 01.88	110864	12	0.7	
		01.87- 01.88	112149	14	65	01.87- 01.88	111059	12	0.9	
		01.87- 01.88	112729	14	90					
Squareback 1.6	[P]					01.68- 01.73	110363	12	0.7	
	[T]					01.67- 01.73	110363	12	0.7	
	[U]					01.68- 01.73	110363	12	0.7	
	[X]					01.72- 01.73	110363	12	0.7	
Super Beetle 1.6	[AE]					01.71- 01.73	110363	12	0.7	
	[AH]					01.73- 01.74	110363	12	0.7	
	[AJ]					01.75- 01.79	110363	12	0.7	
	[AK]					01.73- 01.74	110363	12	0.7	
Transporter 1.5	[H]					01.67- 01.67	110363	12	0.7	
						01.63- 01.66	110363	12	0.7	
Transporter 1.6	[AD]					01.71- 01.71	110363	12	0.7	
	[AE]					01.71- 01.71	110363	12	0.7	
	[AF]					01.71- 01.71	110363	12	0.7	
	[B]					01.69- 01.70	110363	12	0.7	
	[C]					01.69- 01.70	110363	12	0.7	
Transporter 1.6 211	[AD]					01.71- 01.71	110363	12	0.7	
	[AE]					01.71- 01.71	110363	12	0.7	
	[AF]					01.71- 01.71	110363	12	0.7	
Transporter 1.6 215	[AD]					01.71- 01.71	110363	12	0.7	
	[AE]					01.71- 01.71	110363	12	0.7	
	[AF]					01.71- 01.71	110363	12	0.7	
Transporter 1.6 261	[AD]					01.71- 01.71	110363	12	0.7	
	[AE]					01.71- 01.71	110363	12	0.7	
	[AF]					01.71- 01.71	110363	12	0.7	
Transporter 1.6 265	[AD]					01.71- 01.71	110363	12	0.7	
	[AE]					01.71- 01.71	110363	12	0.7	
	[AF]					01.71- 01.71	110363	12	0.7	
Transporter 1.7	[CA]					01.72- 01.73	110363	12	0.7	
	[CB]					01.72- 01.73	110363	12	0.7	
	[CD]					01.73- 01.73	110363	12	0.7	
	[CE]					01.73- 01.73	110363	12	0.7	
Transporter 1.7 211	[CA]					01.72- 01.73	110363	12	0.7	
	[CB]					01.72- 01.73	110363	12	0.7	
	[CD]					01.73- 01.73	110363	12	0.7	
	[CE]					01.73- 01.73	110363	12	0.7	
Transporter 1.7 215	[CA]					01.72- 01.73	110363	12	0.7	
	[CB]					01.72- 01.73	110363	12	0.7	
	[CD]					01.73- 01.73	110363	12	0.7	
	[CE]					01.73- 01.73	110363	12	0.7	
Transporter 1.8	[AP]					01.74- 01.75	110363	12	0.7	
	[AW]					01.74- 01.74	110363	12	0.7	
	[ED]					01.74- 01.75	110363	12	0.7	
Transporter 1.8 211	[AP]					01.74- 01.74	110363	12	0.7	
	[AW]					01.74- 01.74	110363	12	0.7	
	[ED]					01.74- 01.74	110363	12	0.7	
Transporter 2.0	[CJ]					01.76- 01.79	110858	12	0.7	
	[GD]					01.76- 01.77	110858	12	0.7	
	[GE]					01.78- 01.79	110858	12	0.7	
Transporter 2.1	[MV]	01.86- 01.91	112729	14	90					
Transporter 2.5	[AAF]	01.93- 01.93	111353	14	70	01.93- 01.93	111060	12	1.7	
		01.93- 01.93	111477	14	90					
Vanagon 1.6	[CS]	01.82- 01.83	110913	14	70	01.82- 01.83	111069	12	1.7	
Vanagon 1.6 Campmobile	[CS]	01.82- 01.83	110913	14	70	01.82- 01.83	111069	12	1.7	
Vanagon 2.0	[CV]	01.80- 01.83	111670	14	45	01.80- 01.80	110858	12	0.7	
Vanagon 2.0 Campmobile	[CV]	01.80- 01.83	111670	14	45	01.80- 01.80	110858	12	0.7	
Vanagon 2.0 Transport	[CV]	01.81- 01.81	111670	14	45					
Vanagon 2.1	[MV]	01.86- 01.91	112729	14	90					
Vanagon 2.1 Campmobile	[MV]	01.86- 01.91	112729	14	90					
Vanagon 2.1 Syncro	[MV]	01.86- 01.91	112729	14	90					
<b>PASSENGER CARS AO</b>										
Bora 1.8 4 Motion	[ARX]	10.00- 05.01	115482	14	90				A49	
Fox 1.0 Alcohol	[BNX]	10.03- 04.05	115482	14	90				A49	
Fox 1.6	[BAH]	10.03- 10.04	115482	14	90				A49	
Golf I 1.6 TD CL						08.83- 07.92	111059	12	0.9	
Golf II 1.6 TD CL						08.83- 07.92	111059	12	0.9	
Golf III 2.0	[AEP]					01.95- 12.97	115504	12	1.1	A49
Golf III 2.0 GL	[AEP]					01.95- 12.97	115504	12	1.1	A49
Golf III 2.8 VR6	[AAA]					08.95- 09.97	114160	12	1.8	
Golf IV 1.9 TDi	[ARL]	06.01-	115483	14	120				A49	
Golf V 2.0	[BWA]					06.07-	113773	12	1.1	
Jetta 1.8 Syncro	[RH]					07.87- 10.91	111059	12	0.9	
LT 28-35 2.8 TDi	[AGK]					02.97- 12.98	114304	12	2.3	
	[BCO]					05.01- 06.06	114304	12	2.3	
Multivan 3.2 4 Motion	[BDL]	11.03- 06.06	115483	14	120				A49	
Passat 1.8	[KR]					08.91- 09.93	115504	12	1.1	A49

## STARTERS &amp; ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**W** Continued

Passat 1.8 GL	[KR]				08.91- 09.93	115504	12	1.1	A49
Passat 1.8 T	[AWM]				05.02- 08.05	112321	12	1.1	
					05.02- 08.05	114179	12	1.2	
Polo 1.8 GTI Cup Edition	[BBU]	05.06- 05.06-	115482 115483	14 90 A49 14 120 A49	05.06-	114163	12	1.1	
Polo 2.0	[BBX]	09.02-	115483	14 120 A49					
Polo Classic 1.4					12.95-	112307	12	1.1	
Polo Classic 1.9 Diesel					01.96- 10.96	112286	12	1.7	
Santana 1.8	[DS]	08.84- 07.94 08.84- 07.94 08.84- 07.94 08.84- 07.94	110911 110919 112149 112729	14 55 14 70 14 65 14 90					
Santana 1.8 GL	[DSN]	08.85-	112149	14 65					
Transporter 2.5 TDI T5	[BLJ]	11.03-	113947	14 180	11.03- 11.03-	113678 115507	12 12	2.2 2.2	A49
Transporter 2.8 T4	[AES]				AT 05.96- 05.00 05.96- 05.00 01.96- 04.97 05.96- 05.00	113387 111060 112052 112286	12 12 12 12	2.0 1.7 2.2 1.7	
Transporter 3.2 T5 4 Motion	[BDL]	11.03- 06.06 11.03- 06.06	114453 115483	14 180 14 120 A49					
	[BKK]	11.03-	114453	14 180					
		11.03-	115483	14 120 A49					
	[CFLA]	11.03-	114453	14 180					
		11.03-	115483	14 120 A49					
Transporter 3.2 V6 T5 4 Motion	[BKK]	11.03-	114453	14 180					
		11.03-	115483	14 120 A49					
	[CFLA]	11.03-	114453	14 180					
		11.03-	115483	14 120 A49					
Vento 2.0 GL	[AEP]				05.96- 12.97	115504	12	1.1	A49
<b>Weichai</b>									
<b>MARINE</b>									
WD615						114327	24	5.5	
<b>MOTORS</b>									
WD615						114327	24	5.5	
<b>Xichai-Fawd</b>									
<b>TRUCKS AO</b>									
Various Models			114349	28 150					
<b>Yale</b>									
<b>FORK LIFTS</b>									
Various Models	[DBFE]		111495	14 40		111005	12	0.8	
	[DBHA]		111495	14 40		111273	12	2.7	
	[FE]		111495	14 40					
	[HA]		111495	14 40		111273	12	2.7	
	[XA]		111495	14 40		111273	12	2.7	
						114394	12	2.2	
						113172	12	2.0	
						113985	12	2.7	
						110182	12	0.9	
<b>Yamaha</b>									
<b>MOTOR BIKES</b>									
Various Models						111928	12		
						111917	12		
						113545	12	0.4	
						113546	12		
						113547	12		
XV1000 1.0					01.84- 01.97	113541	12		
XV1100 1.0					01.84- 01.97	113541	12		
XV700 0.7					01.84- 01.97	113541	12		
					01.84- 01.85	113540	12		
XV750 0.7					01.84- 01.97	113541	12		
					01.81- 01.83	113540	12		
XV920 0.9					01.81- 01.83	113540	12		
YFM100 1.0					01.85- 01.92	111928	12		
YFM50 0.5 Raptor 50					01.04- 01.06	111928	12		
YFM80 0.8 Badger					01.86- 01.01	111928	12		
YFM80 0.8 Grizzly 80					01.05- 01.07	111928	12		
YFM80 0.8 Raptor 80					01.02- 01.06	111928	12		
<b>MARINE</b>									
115					01.84- 01.95	111766	12	1.1	
130					01.88- 01.96	111766	12	1.1	
150					01.85- 01.96	111766	12	1.1	
175					01.85- 01.96	111766	12	1.1	
200					01.84- 01.96	111766	12	1.1	
C 115					01.91- 01.96	111766	12	1.1	
C 150					01.96- 01.96	111766	12	1.1	
ESX1200					01.89- 01.99	112011	12	0.6	
EXT1100					01.96- 01.98	112011	12	0.6	
EXT1200					01.98- 01.99	112011	12	0.6	
F 50					01.96- 01.02	111766	12	1.1	
F40					01.99- 01.99	111766	12	1.1	
FX700 0.7					01.94- 01.95	111917	12		
GP1200 1.2					01.97- 01.02	112011	12	0.6	
GP1300 1.3					01.03- 01.05	112011	12	0.6	
GP800 0.8					01.98- 01.05	112011	12	0.6	
L 130					01.89- 01.96	111766	12	1.1	
L 150					01.86- 01.96	111766	12	1.1	
L 200					01.86- 01.96	111766	12	1.1	
LST1200					01.99- 01.05	112011	12	0.6	



P 115				01.93- 01.96	111766	12	1.1			
P 150				01.91- 01.96	111766	12	1.1			
P 175				01.94- 01.96	111766	12	1.1			
RA1100 1.1				01.95- 01.96	112011	12	0.6			
RA700 0.7				01.94- 01.97	111917	12				
S 115				01.96- 01.96	111766	12	1.1			
S 130				01.96- 01.96	111766	12	1.1			
S 150				01.96- 01.96	111766	12	1.1			
S 175				01.96- 01.96	111766	12	1.1			
S 200				01.96- 01.96	111766	12	1.1			
SJ650 0.65				01.90- 01.93	111917	12				
SJ700 0.7				01.94- 01.05	111917	12				
SUV1200 1.2				01.99- 01.04	112011	12	0.6			
T 50				01.96- 01.02	111766	12	1.1			
Various Types				01.91-	114687	12				
WB700 0.7				01.93- 01.96	111917	12				
WRA650 0.65				01.90- 01.96	111917	12				
WRA700 0.7				01.94- 01.97	111917	12				
WVT1100 1.1				01.96- 01.97	112011	12	0.6			
WVT700 0.7				01.95- 01.98	111917	12				
XL1200 1.2				01.98- 01.00	112011	12	0.6			
XL700 0.7				01.99- 01.04	111917	12				
XL800 0.8				01.00- 01.01	112011	12	0.6			
XLT1200 1.2				01.01- 01.05	112011	12	0.6			
XLT800 0.8				01.02- 01.04	112011	12	0.6			
XRT1200				01.00- 01.01	112011	12	0.6			
<b>Yanmar</b>										
<b>AGRICULTURE</b>										
YM1300	[2T73]			01.77-	113680	12	0.9			
	[2TR13]				112674	12	1.3			
YM1500	[2TR13]				112674	12	1.3			
<b>MARINE</b>										
1GM				01.80-	111706	12	1.0			
2GM		113793	14 55		111706	12	1.0			
3GM		113793	14 55		111706	12	1.0			
3JH					113408	12	1.4			
3TN66				10.95- 01.98	112373	12	0.9			
3TN68				10.95- 01.98	112373	12	0.9			
4JH		113793	14 55		113408	12	1.4			
					110485	12	1.4			
4LH		113793	14 55		112374	12	2.5			
		112375	14 80							
6LP				01.97-	113207	12	2.8			
Various Models	[2QM15]				112674	12	1.3			
	[2T73]				112674	12	1.3			
	[2TM15]				112674	12	1.3			
	[QM15]				112674	12	1.3			
		112112	14 70		112296	12	1.0			
					112478	12	0.8			
				01.97-	113207	12	2.8			
				01.85- 01.96	111766	12	1.1			
					112674	12	1.3			
<b>INDUSTRY</b>										
4TNE106 Diesel	[4TNE106]				114098	12	3.0			
<b>MOTORS</b>										
486	[TK 4.86]	113716	14 120							
2TN66E 3TNA72		110620	14 35	01.91- 12.05	114739	12	0.8			
					110485	12	1.4			
4TNV98	[4TNV98]				114874	12	3.0			
4TNV98T	[4TNV98T]				114874	12	3.0			
GA220 - GA340					112478	12	0.8			
Various Models	[2QM20]	112112	14 70							
		113309#	14 90							
	[3T-7A-7]			01.84-	111087	12	1.0			
	[3TNV82]			01.05-	114281	12	1.7			
	[4TNE84]	113742	14 40	01.98-	112676	12	2.2			
					113690	12	1.0			
					112478	12	0.8			
Various Models	[2V78]				113976	12	1.4			
	[3T72]				110417	12	1.3			
	[3TG66]	112671	14 60							
		112672								
		113401	14 40		113661#	12	0.8			
	[3TG72]	112671	14 60		113661#	12	0.8			
		113401	14 40							
	[3TNA72]				110417	12	1.3			
					113680	12	0.9			
	[3TNA75]				110417	12	1.3			
	[4TNE94]	114209	14 60							
	[4TNE98]			01.96-	112672	12	3.0			
		112669	14 80		112371	12	2.2			
<b>Zastava</b>										
<b>PASSENGER CARS EU</b>										
101 1.1	[128A.000]	06.73-	01.90	111180	14 33	06.73-	01.90	110338	12	0.8
101 1.1 1100	[128A.064]	05.75-	12.93	111180	14 33	05.75-	12.93	110338	12	0.8
101 1.1 Super	[128AC5000]	07.79-	09.81	111180	14 33	07.79-	09.81	110338	12	0.8

## STARTERS & ALTERNATORS

O. E. M. names and numbers are used for reference purposes only.



**ZASTAVA** Continued

101 1.3 1100	[128AR000]	01.79- 12.93	110612#	14 43	10.81- 12.93	110338	12 0.8
		01.79- 12.93	111180	14 33			
		07.89- 12.93	111035	14 65			
		07.89- 12.93	111148	14 65			
Yugo 0.9	[9A]	01.85- 06.92	111078	14 45			
Yugo 1.1 60 EFI	[100GL.064]	08.91- 12.93	110612#	14 43			
		08.91- 12.93	111035	14 65			
	[11E1.064]	08.91- 12.93	110612#	14 43			
		08.91- 12.93	111035	14 65			
Yugo 1.1 Florida	[138B.0000]	08.89- 12.93	110612#	14 43			
		08.89- 12.93	111035	14 65			
Yugo 1.3	[13E.3.064]	03.91- 12.93	111035	14 65	03.91- 12.93	110338	12 0.8
		03.91- 12.93	111148	14 65			
Yugo 1.3 65 EFI	[13E1.064]	08.91- 12.93	111035	14 65			
		08.91- 12.93	111148	14 65			
Yugo 1.4 Florida	[160A1.000]	10.88- 06.95	111035	14 65			
		10.88- 06.95	111148	14 65			
Yugo 1.6 Florida	[149A.000]	08.89- 12.93	111035	14 65			
		08.89- 12.93	111148	14 65			

**Zetor**  
**AGRICULTURE**

3320		01.92-	110621	14 55			
3321		01.97-	110621	14 55	01.97-	110545	12 3.0
			112035	14 70	01.97-	114254	12 2.7 GR
3340		01.92-	110621	14 55	01.92-	114254	12 2.7 GR
					01.92-	110545	12 3.0
3341			112035	14 70	01.97-	114254	12 2.7 GR
		01.97-	110621	14 55	01.97-	110545	12 3.0
4320		01.92-	110621	14 55	01.92-	114254	12 2.7 GR
					01.92-	110545	12 3.0
4321			112035	14 70	01.97-	114254	12 2.7 GR
		01.97-	110621	14 55	01.97-	110545	12 3.0
4340		01.92-	110621	14 55	01.92-	114254	12 2.7 GR
					01.92-	110545	12 3.0
4341			112035	14 70	01.97-	114254	12 2.7 GR
		01.97-	110621	14 55	01.97-	110545	12 3.0
4718		01.74- 01.81	112098	14 65	01.74- 01.81	114254	12 2.7 GR
					01.74- 01.81	110545	12 3.0
5011		01.81- 01.85	112098	14 65	01.81- 01.85	114254	12 2.7 GR
					01.80- 01.84	110545	12 3.0
5211		01.91-	110621	14 55			
5245		01.91-	110621	14 55			
5320		01.92-	110621	14 55	01.92-	114254	12 2.7 GR
					01.92-	110545	12 3.0
5321			112035	14 70	01.97-	114254	12 2.7 GR
		01.97-	110621	14 55	01.97-	110545	12 3.0
5340		01.92-	110621	14 55	01.92-	114254	12 2.7 GR
					01.92-	110545	12 3.0
5341			112035	14 70	01.97-	114254	12 2.7 GR
		01.97-	110621	14 55	01.97-	110545	12 3.0
6211		01.91-	110621	14 55			
6245		01.91-	110621	14 55			
6320		01.92-	110621	14 55	01.92-	110545	12 3.0
					01.92-	114254	12 2.7 GR
6321			112035	14 70	01.97-	114254	12 2.7 GR
		01.97-	110621	14 55	01.97-	110545	12 3.0
6340		01.92-	110621	14 55	01.92-	114254	12 2.7 GR
					01.92-	110545	12 3.0
6341			112035	14 70	01.97-	114254	12 2.7 GR
		01.97-	110621	14 55	01.97-	110545	12 3.0
7211		01.91-	110621	14 55			
7245 3.6		01.91-	110621	14 55	01.84- 01.03	114254	12 2.7 GR
					01.84- 01.91	110545	12 3.0
7320			112035	14 70	01.92-	114254	12 2.7 GR
		01.92-	110621	14 55	01.92-	110545	12 3.0
7321			112035	14 70	01.97-	114254	12 2.7 GR
		01.97-	110621	14 55	01.92-	110545	12 3.0
7340		01.92-	110621	14 55	01.92-	114254	12 2.7 GR
		01.92-	112035	14 70	01.92-	110545	12 3.0
7341			112035	14 70	01.97-	114254	12 2.7 GR
		01.97-	110621	14 55	01.97-	110545	12 3.0
7520		01.91-	112035	14 70			
		01.91- 01.98	110621	14 55			
7540		01.91-	112035	14 70			
		01.91- 01.98	110621	14 55			
7711		01.91-	110621	14 55			
7745 3.9		01.91-	110621	14 55	01.86- 01.90	114254	12 2.7 GR
					01.88- 01.03	110545	12 3.0
8111					01.75- 01.80	110551	12 3.0
8145					01.75- 01.80	110551	12 3.0
8245					01.75- 01.80	110551	12 3.0
8520			112035	14 70			
		01.97-	110621	14 55			
8540			112035	14 70			
		01.97-	110621	14 55			
9211 4.2					01.75- 01.80	110551	12 3.0
9245 4.2					01.75- 01.80	110551	12 3.0
9520			112035	14 70			
		01.91- 01.00	110621	14 55			





9540		112035	14	70			
	01.91- 01.00	110621	14	55			
10011					06.75- 01.80	110551	12 3.0
10045					06.75- 01.80	110551	12 3.0
10111					06.73- 01.80	110551	12 3.0
10145 4.6					01.75- 01.80	110551	12 3.0
10211					06.75- 01.80	110551	12 3.0
10245					01.75- 01.80	110551	12 3.0
10540		112035	14	70			
	01.95-	110621	14	55			
Various Models		110621	14	55			
<b>ZIL</b>							
<b>TRUCKS EU</b>							
5301 4.7	[D245.12]				06.96-	113356	24 3.5
<b>ZTS Tees</b>							
<b>INDUSTRY</b>							
Various Models		110621	14	55			

Application list

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

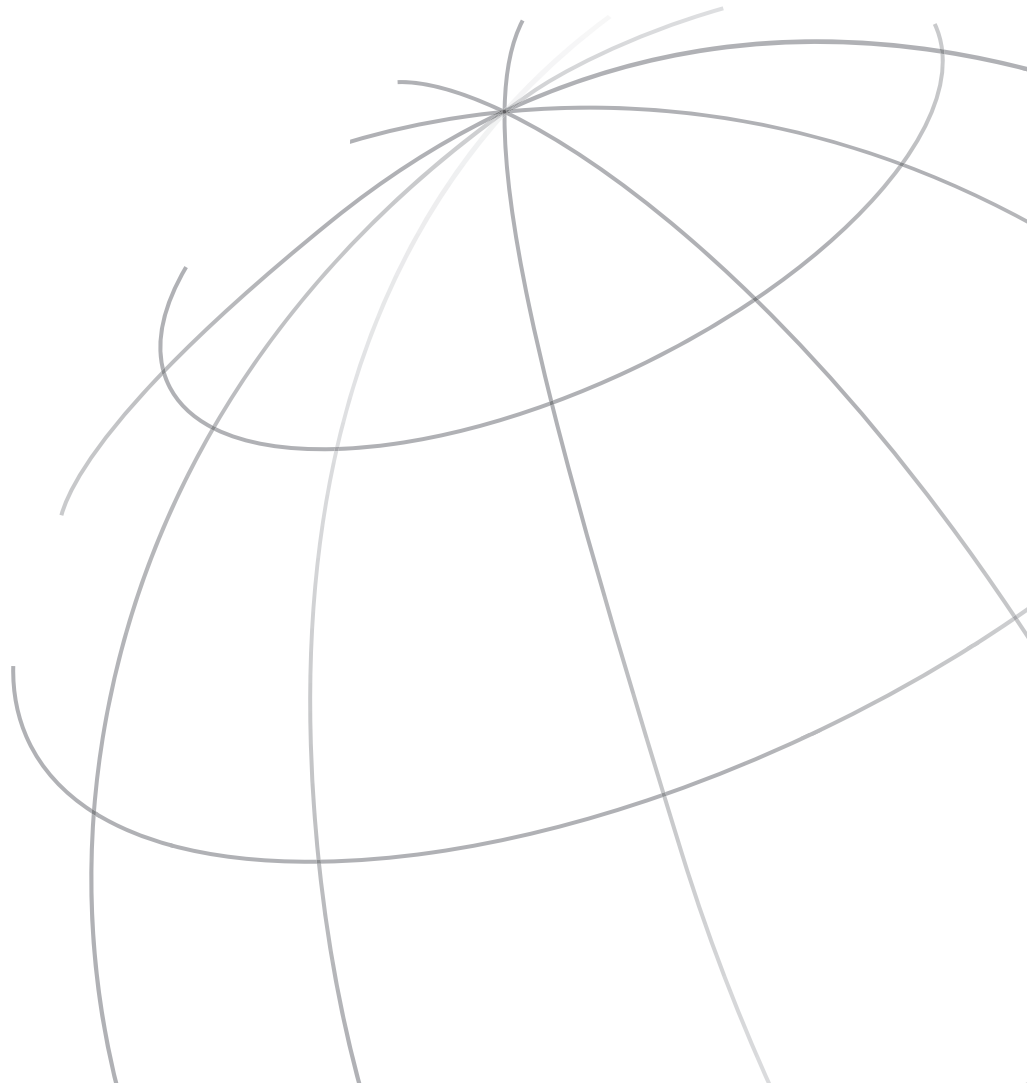




# Cross reference list

OE no. - HC-CARGO no.

Edition 2015/2016



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>AGRI</b>		29-1242	110235	30-1111	110138	35-2589	112897
36795	112565	29-1243	110235	30-1185	111139	35-2592	112904
51750	111649	29-1244	110235	30-1207	110675	35-2598	112235
130652	110536	29-1269	112835	30-1209	113077	35-2600	112898
		29-1275	112880	30-1234	112970	35-2620	111970
<b>ALFA ROMEO</b>		29-1278	112988	30-1237	112967	35-2621	113139
7782314	113942	29-1280	112988	30-1294	110675	35-2623	113045
46305329	113942	29-1302	111252	30-1297	110675	35-2629	113119
46430533	113939	29-1345	111713	30-1307	111578	35-2630	113173
46445658	113942	29-1361	110801	30-1371	112835	35-2640	111183
46445660	113939	29-1362	110801	30-1381	110684	35-2642	111307
46473784	113430	29-1363	110801	30-1385	113412	35-2645	112906
46544329	113943	29-1369	110591	34-1875	112963	35-2646	112900
46765836	113942	29-1398	110724	34-1912	112965	35-2647	112907
46765838	113943	29-1514	110133	34-1915	112963	35-2651	113398
46769369	113942	29-1520	110138	35-1651	112267	35-2652	111784
46782213	113943	29-1530	110168	35-1885	112911	35-2658	112898
46791692	111685	29-1577	111139	35-1886	112910	36-1014	110462
46823543	113931	29-1595	110675	35-1923	110221	36-1082	110421
55192482	113931	29-1596	113077	35-1926	111190	36-1180	111451
60604238	113848	29-1619	112970	35-1928	112267	36-1194	111442
60652354	113848	29-1622	112967	35-1929	112267	36-1209	113097
60654127	113848	29-1641	110675	35-1953	113125	36-1225	110411
60672342	113836	29-1665	110628	35-1957	112255	36-1228	111451
60673305	113836	29-1666	110496	35-1968	113153	36-1237	111451
60808773	112125	29-1673	110675	35-2022	112584	36-1238	110811
60808791	112771	29-1676	110675	35-2052	110462	36-1240	110810
60811651	112771	29-1681	110682	35-2064	110462	36-1266	111490
60812535	113942	29-1684	111285	35-2085	110421	36-1267	111425
60812583	111409	29-1685	111432	35-2113	110411	36-1268	111456
60813461	111685	29-1699	113051	35-2121	110315	36-1271	110811
60814911	113430	29-1730	110684	35-2151	111451	36-1291	111764
60816045	113943	29-1734	113412	35-2181	111442	36-1295	110810
60816046	113942	29-1761	111578	35-2197	113097	36-1303	110811
60816083	113430	29-1769	113058	35-2262	110411	36-1326	111683
60816557	113943	29-1784	112833	35-2273	111451	36-2261	111451
73501591	113996	29-1792	113085	35-2302	111490	36-5073	110221
73503235	114204	29-1801	113077	35-2303	111425	ADRO333	113778
116760506000	110890	29-1832	113413	35-2304	111456	ADR290	113777
116760506100	110890	29-1838	110682	35-2306	110811	AFD0004	113765
AT050600108	110882	29-1839	111199	35-2314	111683	AHI0068	113793
		29-1867	112993	35-2323	111764	AND0237	113856
<b>ALLIS</b>		29-1870	113432	35-2326	110810	AND0249	113803
4841605	111190	29-1881	111285	35-2331	110811	SAB0019	112157
<b>AMC</b>		29-1886	112927	35-2351	111683	SAB0145	113854
3212235	110509	29-1898	110496	35-2372	110810	SAM0120	113593
3227687	110237	29-1910	113236	35-2378	112214	SBS0001	110634
3229844	110509	29-1936	112886	35-2379	112214	SBS0009	112242
3231371	110231	29-1937	112936	35-2380	113024	SBS0028	113539
3231372	110231	29-1938	111200	35-2388	111241	SBS0029	113853
8126436	110237	29-1940	112932	35-2412	113131	SDR0019	112240
		29-1941	112860	35-2416	113168	SDR0284	113550
<b>ARCO MARINE</b>		29-1946	112925	35-2422	111485	SMT0102	113668
5362	113591	29-1947	112884	35-2424	111456	SMT0253	113795
5367	112247	29-1969	113078	35-2430	111608	SMT0262	113819
5370	110240	29-1974	112888	35-2438	111305	SMU0311	113821
5371	110647	29-1987	113089	35-2443	112912	SND0076	113725
5372	110644	29-1996	112942	35-2444	113222	SND0132	113734
5375	110648	29-1997	111468	35-2445	112911	SND0324	113893
5376	111043	29-2007	112939	35-2447	111370	SND0455	113732
5379	110654	29-2034	112977	35-2448	112030	SND0459	113828
5380	110650	29-2035	113076	35-2449	111844	SND0566	113550
5387	112145	29-2037	113091	35-2476	112592	SND0587	114182
5389	110647	29-2083	113069	35-2480	112898	SPR0010	113727
5392	110648	29-2104	113081	35-2481	112897		
5396	112826	29-2116	113090	35-2509	113044	<b>AUDI → VOLKSWAGEN</b>	
30460	111699	29-2143	113374	35-2510	112845	<b>AVF (DELCO - H/MOGURT)</b>	
30470	113679	29-2158	113197	35-2518	113114	808002	110206
60065	111710	29-2166	112943	35-2541	112986	001/004	110210
		29-2167	112944	35-2543	111683	001/109	110210
<b>ARROW</b>		29-2169	112946	35-2545	111552	001/504	110210
29-1082	111261	29-2171	112924	35-2546	113024	001/506	110210
29-1105	112260	29-2172	112940	35-2558	113109	001/507	110210
29-1185	112260	29-2180	112893	35-2559	113108	001/507	110210
29-1187	110300	29-2189	113035	35-2560	113169	001/508	110210
29-1229	110235	29-2194	111787	35-2567	111374	001/605	110210
29-1235	110235	29-2198	113235	35-2568	113136	001/609	110210
29-1236	110235	29-2205	112893	35-2584	112846	001/702	110210
		30-1079	110133	35-2586	112301	001/706	110210

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
001/803	110210	IM409	110538	12311276139	110877	12317509113	112413
001/806	110210	IM412	110537	12311277219	110877	12317509342	114147
001/809	110210	IM414	110539	12311277223	110877	12317511603	112413
001/810	110210	IM502	110206	12311277239	111147	12317511604	112413
001/811	110210	IM503	110533	12311277247	110877	12317512151	113871
001/903	110210	IM504	111003	12311277504	110877	12317515029	114147
001/905	110210	IM505	110207	12311277505	111147	12317515030	114258
001/911	110210	IM508	110208	12311284461	111147	12317515033	114080
002/009	110206	IM509	110208	12311285006	111147	12317515426	114080
002/010	110206	IM510	110210	12311285012	110877	12317516098	113871
002/103	110206	IM511	110582	12311286612	110877	12317516104	113871
002/105	110206	IM513	110601	12311288408	111147	12317516107	113871
002/206	110206	IM517	111249	12311288409	111147	12317519721	113858
002/306	110206	IM521	110208	12311289403	111147	12317520495	113871
002/508	110206	IM522	110512	12311289404	111147	12317521135	113858
002/509	110206	IM523	110206	12311362029	110877	12317521137	113858
002/511	110206	IM524	110512	12311362077	110877	12317521178	114524
002/601	110206	IM526	112507	12311362276	110877	12317521384	113871
002/608	110206	IM527	111249	12311362468	110877	12317521385	113871
002/611	110206	IM528	111218	12311364402	110877	12317521490	113871
002/702	110206	IM530	110534	12311364404	110877	12317522962	113871
002/703	110208	IM536	110535	12311432831	111895	12317523897	114200
002/704	110206	IM540	110531	12311432986	112193	12317524972	114189
002/801	110206	IM543	110209	12311432987	112193	12317525376	114524
002/802	110206	IM544	110932	12311433265	111895	12317525440	114189
002/803	110206	IM547	110512	12311435423	112413	12317530086	112193
002/806	110206	IM548	110212	12311435424	112413	12317532966	113871
002/808	110206	IM553	111219	12311435425	112413	12317533270	113871
002/809	110206	IM554	110512	12311435426	112413	12317540990	114189
002/901	110206	IM561	110980	12311435427	112413	12317540992	114189
002/902	110210	IM562	110981	12311435429	112413	12317541694	113858
002/903	110206	IM601	110210	12311435938	112465	12317541696	113858
002/904	110206	IM602	111046	12311702096	111895	12317542934	114189
002/906	110206	IM605	110213	12311705483	112426	12317546284	113858
002/907	110206	IM606	110532	12311710562	112812	12317546285	113858
002/909	110206	IM607	110212	12311714581	110877	12317550968	114524
002/911	110206	IM617	110531	12311721667	112764	12317551252	112193
012/810	110537	IM623	111219	12311721921	113864	12317551256	114524
IM1	110512	IM636	110531	12311727576	113864	12317555926	114524
IM1/1	110512	IM637	112120	12311730580	112687	12317787346	113407
IM131	110601	IM641	110205	12311734322	112683	12317788222	113407
IM16	110207	IM642	112119	12311735703	112812	12317788223	113407
IM16/1	110601	IM643	110214	12311735705	112812	12317788247	112407
IM17/1	110512	IM645	110212	12311735743	112687	12317789980	113881
IM18	110511	IM653	111231	12311735792	112687	12317789981	113896
IM21-5/24	110601	IM665	112116	12311740629	112193	12317789983	113881
IM310	110206	IM801	110210	12311741138	111895	12317789984	113896
IM312	110212	VG921/W	110544	12311742910	111895	12317790879	113970
IM316	110213			12311744560	112687	12317792072	113896
IM320	110512	<b>BELARUS</b>		12311744562	112687	12317792092	112468
IM321	110601	24173708000	113431	12311744564	112687	12317797521	113896
IM322	110932			12312240875	110908	12317797522	113896
IM323	110533	<b>BMW</b>		12312241262	110908	12317797660	113881
IM324	110534	1489995	114295	12312244833	112800	12317799204	113896
IM325	110208	1517328	114295	12312244883	112800	12317802929	113896
IM326	110207	1705483	112426	12312244884	112800	12317830791	115307
IM327	110209	2247389	112462	12312245576	113868	12317831436	115307
IM328	110535	2542343	113407	12312245654	113868	12317834160	113896
IM330	110214	7515029	114147	12312246070	111947	12317836610	113858
IM332	110932	7515033	114080	12312246078	111947	12317837691	113858
IM335	111219	7515426	114080	12312246572	111947	12411266463	114118
IM34	110537	7521178	114524	12312246573	111947	12411266737	111052
IM34/1	110537	7523450	114297	12312247389	112462	12411269696	111052
IM34/3	110537	7523897	114200	12312248296	112468	12411271749	111052
IM34/4	110409	7525376	114524	12312248297	112468	12411272150	111052
IM340	110531	7530086	112193	12312249966	113407	12411279747	111400
IM341	110531	7551252	112193	12314388187	111895	12411287788	112533
IM35	111217	7551256	114524	12317501593	112193	12411288166	112533
IM35/1	111217	7555926	114524	12317501595	112193	12411289520	112533
IM350	110208	7570488	114295	12317501597	112193	12411350236	110772
IM360	110210	7788680	114072	12317501599	112193	12411351042	110772
IM361	110212	7792072	113896	12317501690	112193	12411352502	111052
IM362	110213	7834160	113896	12317501755	112193	12411352504	111052
IM380	110205	7836610	113858	12317508052	112426	12411355693	110772
IM381	110532	12311079452	114258	12317508054	112426	12411466098	111052
IM382	110532	12311247288	111946	12317508258	112426	12411489995	114295
IM4/1	110512	12311247310	111946	12317508286	112426	12411517328	114295
IM401	110537	12311271663	111147	12317509100	112413	12411712937	111911
IM403	111217	12311273131	111147	12317509102	112465	12411713898	112172

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>BMW Continued</b>							
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12411715238	114118	12417811601	114689	0001107006	112306	0001107403	111347
12411717174	111052	12417812070	114849	0001107007	111059	0001107404	113276
12411720636	112172	12417812071	114849	0001107008	111059	0001107405	113276
12411720663	112172	12417823700	115335	0001107012	112321	0001107406	113513
12411720664	112172	12417823701	115335	0001107013	112321	0001107407	111906
12411726504	111400	12417830793	114198	0001107014	111750	0001107408	113276
12411726508	111400	12417832150	114198	0001107016	112141	0001107409	113276
12411729981	112553	12417832486	114198	0001107017	112321	0001107410	114162
12411735400	114118	12417834214	114198	0001107018	112321	0001107411	111685
12411736921	112553	12418506657	115335	0001107019	111130	0001107415	113613
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12411740373	111911	12418515795	115335	0001107021	111748	0001107418	114162
12411740374	111911	12418519154	115335	0001107022	111749	0001107423	114740
12411740375	111911	12418570383	115335	0001107023	111749	0001107424	114740
12411740379	111911	12418620033	110772	0001107024	112171	0001107425	114297
12412179001	111911	12418620903	110772	0001107025	112307	0001107426	114297
12412242231	112533	12419056639	110772	0001107026	112307	0001107427	114179
12412242619	112533	12419069808	113446	0001107027	111750	0001107428	114179
12412242702	112533			0001107028	111750	0001107429	113843
12412242703	112533			0001107030	111984	0001107430	114052
12412244344	112533	<b>BOBCAT</b>		0001107031	111396	0001107431	113613
12412245328	111908	6632192	110540	0001107033	111015	0001107432	113613
12412246388	111908	6632211	110540	0001107034	111848	0001107433	113271
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12412246571	113446	6658884	110540	0001107040	113177	0001107435	113276
12412246574	113446	6661611	110540	0001107040	115329	0001107436	113276
12412247063	113925	6667587	112489	0001107041	111030	0001107437	113843
12412247391	113446	6669618	114205	0001107043	111906	0001107438	113963
12412247492	113446	6669633	114738	0001107045	111848	0001107439	113963
12412249295	113925	6675292	113600	0001107046	113177	0001107440	114068
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12412354709	111911	7169477	114388	0001107052	111748	0001107449	114886
12414496934	113925			0001107053	111748	0001107450	115394
12417501668	111911	<b>BOMAG</b>		0001107054	112321	0001107451	115394
12417501738	111911	05710906	111217	0001107055	112321	0001107490	111685
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12417515390	111911	05710993	111217	0001107058	112497	0001107499	111906
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12417515392	111911	05724382	114276	0001107060	113480	0001107501	114162
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12417521122	114740			0001107063	111130	0001107508	115394
12417521123	114740	<b>BOMBARDIER</b>		0001107064	114294	0001107509	115394
12417523450	114297	0586278DS00	111043	0001107066	111685	0001107521	115395
12417524843	114297	0586279DS00	110647	0001107067	113605	0001107522	115395
12417526236	114740	0586280DS00	110647	0001107068	112321	0001107534	115394
12417526239	114297	0586281DS00	110240	0001107069	112321	0001107540	113513
12417540897	113960	0586283DS00	110644	0001107072	111347	0001108001	111010
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12417552105	113960	278-000-316	111765	0001107075	111984	0001108004	111131
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12417570488	114295	278-000-485	111915	0001107078	110552	0001108010	111010
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12417589350	115398	278-000-987	112010	0001107082	111680	0001108017	111010
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12417589353	115398			0001107085	111015	0001108020	111030
12417616698	114692	<b>BOSCH</b>		0001107087	111906	0001108022	113481
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12417785715	113446	0001106002	111059	0001107090	114105	0001108026	111010
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12417794952	114091	0001106018	114295	0001107101	111848	0001108033	111750
12417796892	114091	0001106019	113286	0001107103	112307	0001108035	110842
12417798006	115335	0001106022	113761	0001107104	112307	0001108037	111030
12417798035	114091	0001106023	114814	0001107107	113706	0001108038	111270
12417798036	114091	0001106024	114814	0001107108	111848	0001108039	111030
12417801203	114689	0001106405	113960	0001107109	112445	0001108040	111269
12417802508	114689	0001106406	113960	0001107110	112445	0001108045	111425
12417802945	114849	0001107003	112131	0001107111	112445	0001108046	111425

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
0001108047	110847	0001108162	111029	0001109066	111995	0001110017	111070
0001108050	112497	0001108166	112818	0001109067	111995	0001110019	110867
0001108051	113481	0001108167	112818	0001109068	113674	0001110022	111694
0001108052	111490	0001108171	110847	0001109069	114689	0001110024	111456
0001108053	111127	0001108173	112080	0001109070	114689	0001110025	111619
0001108056	111490	0001108174	111769	0001109200	113446	0001110026	112295
0001108057	111030	0001108175	111769	0001109201	113446	0001110028	112172
0001108064	111400	0001108176	113443	0001109204	114092	0001110033	112034
0001108065	114118	0001108177	112459	0001109205	113959	0001110041	112172
0001108066	111425	0001108178	112459	0001109250	112440	0001110042	112172
0001108068	111425	0001108180	113481	0001109252	113303	0001110043	110867
0001108069	111425	0001108181	110552	0001109253	113430	0001110055	110839
0001108070	111456	0001108182	113481	0001109258	114094	0001110056	111070
0001108071	111269	0001108183	114460	0001109259	114094	0001110061	112167
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0001108073	111010	0001108186	113481	0001109267	114020	0001110064	110867
0001108074	111029	0001108188	112459	0001109268	113430	0001110066	111694
0001108076	112131	0001108190	111911	0001109269	113430	0001110067	111694
0001108077	112131	0001108196	113292	0001109270	113430	0001110069	112166
0001108078	110847	0001108197	113282	0001109290	111851	0001110070	112166
0001108079	110847	0001108202	113931	0001109300	113935	0001110072	112553
0001108082	111269	0001108203	112304	0001109300	115501	0001110075	111851
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0001108085	113443	0001108221	111769	0001109302	115516	0001110082	111619
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0001108087	111750	0001108223	114178	0001109303	115516	0001110087	112166
0001108088	111489	0001108224	113931	0001109304	113959	0001110088	110867
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0001108093	111127	0001108231	111911	0001109306	112441	0001110090	111865
0001108096	112306	0001108234	113931	0001109306	115505	0001110091	111851
0001108097	112306	0001108235	113931	0001109307	112441	0001110092	113752
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0001108107	112818	0001108406	114837	0001109325	113959	0001110106	111694
0001108108	111911	0001108409	113282	0001109328	113959	0001110107	111694
0001108109	110842	0001108410	113282	0001109329	113959	0001110108	111694
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0001108118	110842	0001109014	111851	0001109341	114092	0001110122	111694
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0001108121	112235	0001109017	112496	0001109355	114402	0001110124	113752
0001108122	112340	0001109018	113752	0001109357	114055	0001110125	111619
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0001108152	111269	0001109048	114321	0001110011	113745	0001112010	111751
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0001108155	111030	0001109062	113674	0001110014	111060	0001112013	112321
0001108157	111911	0001109064	114177	0001110015	111060	0001112014	112321
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## STARTERS & ALTERNATORS



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>BOSCH</b> <i>Continued</i>							
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0001112025	113753	0001121006	111909	0001125017	112444	0001142006	115337
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0001112028	113750	0001121008	112005	0001125019	112429	0001145002	115336
0001112029	110584	0001121009	112005	0001125021	112438	0001148009	115335
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0001112032	110394	0001121016	112435	0001125031	113387	0001149400	114742
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0001112038	111748	0001121027	112005	0001125040	114160	0001155009	110364
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0001112041	110584	0001121028	115504	0001125042	115503	0001155016	110364
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0001114006	111059	0001123001	114316	0001125503	112014	0001157030	111055
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0001120400	113515	0001125005	112286	0001139025	115334	0001208232	110337
0001120401	113515	0001125006	112286	0001139026	115334	0001208400	110835
0001120402	111909	0001125007	111900	0001139029	114850	0001208408	111106
0001120403	111909	0001125008	111900	0001139030	114850	0001208409	110337
0001120406	114034	0001125009	114160	0001139065	114742	0001208416	111059
0001120407	114034	0001125010	114160	0001139408	114850	0001208417	111059
0001120408	114176	0001125011	113387	0001139409	114850	0001208418	111059

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
0001208419	111059	0001212207	110864	0001218765	111065	0001241003	113934
0001208420	111425	0001212400	113844	0001218768	112439	0001241005	114031
0001208423	110337	0001212401	113844	0001218771	112533	0001241006	114073
0001208425	113847	0001214002	112034	0001218772	111855	0001241007	113934
0001208426	113847	0001218001	112533	0001218774	111996	0001241008	114327
0001208428	113847	0001218002	112541	0001218776	114055	0001241009	114031
0001208429	113847	0001218003	111115	0001218814	112439	0001241014	113934
0001208501	110771	0001218004	111120	0001218818	114318	0001241015	114073
0001208507	111066	0001218005	111120	0001218822	114304	0001241016	114702
0001208513	110336	0001218006	111065	0001219007	114319	0001241019	113934
0001208514	110831	0001218009	112533	0001219009	114319	0001241020	114073
0001208515	110585	0001218011	110844	0001219014	114313	0001241021	114031
0001208516	110587	0001218012	112537	0001223001	112053	0001241119	113934
0001208517	110585	0001218013	112537	0001223002	111855	0001251003	114307
0001208518	111068	0001218016	113389	0001223003	112441	0001251004	114307
0001208519	110831	0001218017	111120	0001223005	112440	0001260001	114275
0001208521	110336	0001218018	112537	0001223007	112441	0001260004	114275
0001208526	110585	0001218019	113134	0001223013	112436	0001260025	113570
0001208528	110585	0001218020	111115	0001223016	113181	0001260026	113570
0001208706	110336	0001218021	111065	0001223021	113181	0001261001	113891
0001208707	110587	0001218023	112454	0001223022	114402	0001261002	113891
0001208709	110865	0001218024	113846	0001223024	112441	0001261006	114702
0001208710	110865	0001218026	112533	0001223502	113478	0001261007	114073
0001208711	110865	0001218068	113674	0001223504	110813	0001261008	114073
0001208712	110865	0001218100	111125	0001223506	110530	0001261012	114073
0001208713	110865	0001218101	113134	0001230001	114395	0001261012	115511
0001208714	110865	0001218103	113846	0001230002	112442	0001261013	114073
0001208715	110336	0001218105	112290	0001230003	113478	0001261013	115511
0001208717	110585	0001218108	111065	0001230005	113478	0001261016	114327
0001208718	110336	0001218110	113389	0001230006	112071	0001261025	113891
0001211006	110771	0001218111	111120	0001230007	113182	0001261026	113891
0001211007	110771	0001218112	111120	0001230008	114195	0001261026	115509
0001211010	110771	0001218113	112537	0001230009	110522	0001261027	113891
0001211011	110771	0001218114	112537	0001230010	113182	0001261027	115509
0001211012	110363	0001218115	112537	0001230012	111001	0001261028	113891
0001211013	110363	0001218116	112052	0001230013	114320	0001261028	115509
0001211014	110363	0001218117	112052	0001230014	112071	0001261041	114193
0001211018	110771	0001218120	112125	0001230014	112555	0001261044	114073
0001211019	110771	0001218122	110844	0001230018	114195	0001261044	115511
0001211049	110336	0001218124	111851	0001230020	114021	0001261045	114073
0001211055	110771	0001218125	112454	0001230021	114002	0001261045	115511
0001211206	110336	0001218128	112290	0001230022	114050	0001261049	113830
0001211221	110858	0001218130	111120	0001230023	113182	0001262002	112071
0001211222	110858	0001218133	112125	0001230027	114395	0001262006	114395
0001211227	111053	0001218134	112533	0001231002	114523	0001262022	114002
0001211228	110336	0001218138	111851	0001231003	113979	0001263001	113760
0001211229	110771	0001218141	111421	0001231004	114033	0001263002	113760
0001211232	111053	0001218145	112125	0001231005	112494	0001263003	114069
0001211237	110831	0001218146	112125	0001231006	113980	0001263004	114069
0001211239	110831	0001218147	112125	0001231007	113468	0001263008	112494
0001211246	112289	0001218150	112440	0001231008	113759	0001263015	114523
0001211251	111061	0001218152	112439	0001231009	113466	0001263016	114523
0001211252	111061	0001218156	112440	0001231010	113183	0001263019	114196
0001211253	111061	0001218157	112053	0001231011	113277	0001263020	114196
0001211254	111061	0001218158	112454	0001231012	111637	0001263021	112498
0001211257	111059	0001218159	113451	0001231013	112055	0001263022	112498
0001211258	111059	0001218161	114053	0001231014	114047	0001263023	114307
0001211504	110865	0001218162	112440	0001231016	112498	0001263024	114307
0001211505	110865	0001218163	113134	0001231017	113760	0001263049	114523
0001211512	111053	0001218165	111065	0001231018	114220	0001305016	111054
0001211513	110336	0001218166	111874	0001231019	113468	0001307025	111304
0001211514	110771	0001218167	113134	0001231023	114001	0001307035	113268
0001211515	110831	0001218168	112439	0001231026	114196	0001310013	111069
0001211525	111058	0001218171	112533	0001231027	114196	0001311001	111054
0001211526	111058	0001218172	111855	0001231028	112494	0001311016	110772
0001211529	111058	0001218174	111996	0001231029	113759	0001311023	110868
0001211530	111058	0001218175	112454	0001231030	113468	0001311024	110868
0001211533	110336	0001218176	114055	0001231032	114523	0001311025	110772
0001211535	111053	0001218177	114233	0001231033	114523	0001311027	111054
0001211536	111025	0001218620	111115	0001231033	115514	0001311032	111054
0001211989	110336	0001218703	113846	0001231034	114001	0001311033	110868
0001211991	110771	0001218710	113389	0001231035	114376	0001311034	110868
0001211992	110363	0001218715	112537	0001231035	115513	0001311037	110868
0001211993	110363	0001218725	112454	0001231036	114069	0001311041	110824
0001211995	110771	0001218728	112290	0001231039	114307	0001311042	111052
0001211996	110771	0001218738	111851	0001231040	114069	0001311045	110772
0001211997	110363	0001218741	111421	0001231041	112055	0001311046	110868
0001211998	110363	0001218757	112053	0001231045	113760	0001311049	110868
0001212206	110864	0001218759	112436	0001241001	113891	0001311054	112542

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>BOSCH</b> <i>Continued</i>							
0001311100	..111052	0001354100	..114181	0001360013	..113466	0001362316	..111755
0001311101	..110868	0001354108	..112173	0001360014	..110523	0001362319	..112267
0001311103	..111054	0001358003	..110530	0001360015	..110521	0001362321	..112267
0001311104	..111054	0001358006	..110530	0001360022	..110524	0001362332	..112267
0001311109	..110868	0001358014	..110530	0001360023	..112132	0001362341	..111332
0001311114	..111054	0001358020	..110530	0001360026	..111637	0001362600	..110368
0001311115	..111209	0001358021	..111791	0001360027	..110520	0001362601	..110368
0001311118	..110824	0001358027	..110536	0001360030	..110523	0001362700	..112041
0001311120	..110868	0001358028	..110530	0001360034	..110524	0001362705	..114676
0001311122	..110824	0001358034	..113465	0001360035	..110523	0001363101	..110517
0001311128	..110840	0001358038	..112039	0001360036	..112132	0001363111	..110517
0001311136	..110824	0001358041	..111755	0001360037	..110524	0001363113	..114478
0001311137	..110824	0001358044	..110536	0001360038	..110527	0001363123	..112174
0001311140	..110824	0001358046	..110536	0001360039	..110527	0001363307	..110524
0001311141	..110824	0001358047	..111004	0001360043	..110521	0001364100	..113464
0001311142	..110824	0001358048	..110525	0001360050	..113466	0001364101	..112651
0001311143	..110824	0001358049	..110536	0001360052	..110524	0001364102	..111636
0001311146	..111489	0001358050	..111791	0001360057	..110527	0001364104	..111636
0001311147	..111489	0001358051	..110530	0001360058	..111637	0001364200	..111636
0001311150	..111052	0001358073	..110536	0001360061	..111638	0001364203	..111636
0001312001	..113705	0001358200	..110461	0001360063	..110518	0001364300	..112651
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0001313003	..110869	0001359001	..110551	0001362003	..110775	0001365004	..113467
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0001314001	..112172	0001359012	..110536	0001362009	..110530	0001366005	..111304
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0001314005	..110838	0001359014	..111752	0001362017	..112039	0001366010	..115324
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0001314027	..110862	0001359021	..110529	0001362023	..111001	0001367004	..110536
0001314029	..110838	0001359027	..110536	0001362025	..111332	0001367005	..111001
0001314030	..110838	0001359029	..111041	0001362027	..110775	0001367006	..112074
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0001314033	..110869	0001359044	..113482	0001362030	..110368	0001367013	..110530
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0001314036	..110862	0001359047	..110545	0001362035	..110530	0001367022	..110460
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0001317019	..110996	0001359084	..110525	0001362063	..111752	0001367048	..111793
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0001354029	..112173	0001359110	..110454	0001362093	..110443	0001367078	..111755
0001354031	..112249	0001359113	..111001	0001362102	..111693	0001367079	..112267
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0001354089	..115423	0001359127	..110520	0001362307	..110461	0001368001	..110523
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0001354094	..115428	0001360010	..110527	0001362312	..111755	0001368010	..110527
0001354095	..112249	0001360011	..110524	0001362313	..110536	0001368015	..114266
0001354099	..114265	0001360012	..110523	0001362314	..111332	0001368016	..111640

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
0001368017	111638	0001401012	111217	0001413001	110537	0001417038	110210
0001368019	110521	0001401013	111217	0001413002	110537	0001417041	110205
0001368020	110518	0001401014	111217	0001413003	110409	0001417042	112119
0001368021	110520	0001401017	110537	0001413006	110537	0001417043	110214
0001368022	110524	0001401023	110538	0001413007	111217	0001417045	110212
0001368024	110524	0001401025	110537	0001413010	111217	0001417046	110212
0001368026	112670	0001401028	111217	0001413017	110539	0001417051	110210
0001368030	112132	0001401034	110537	0001414003	110512	0001417053	111231
0001368034	111637	0001401035	110537	0001414008	110208	0001417060	112499
0001368035	110524	0001401036	110409	0001414010	110512	0001417061	111231
0001368037	113484	0001401037	110409	0001414011	111218	0001417065	112116
0001368038	110998	0001401044	110409	0001414017	110601	0001417073	110532
0001368039	113484	0001401045	110409	0001414018	111249	0001417074	110532
0001368040	112670	0001401049	110537	0001414019	110207	0001417075	112116
0001368046	113498	0001401050	110537	0001414022	112507	0001418001	110537
0001368048	110524	0001401052	111217	0001415001	110206	0001418002	110409
0001368050	113498	0001401056	110537	0001415002	110512	0001418003	111217
0001368051	112670	0001401060	110538	0001415004	110208	0001418004	111217
0001368052	113466	0001401061	110537	0001415007	111003	0001418009	110538
0001368055	110524	0001401066	110537	0001415008	110214	0001418012	110537
0001368056	113468	0001401068	111217	0001415010	110601	0001418014	110539
0001368059	113007	0001402008	110512	0001415011	110533	0001420001	110999
0001368062	110524	0001402011	111249	0001415013	110207	0001420002	110347
0001368063	111638	0001402023	110512	0001415014	110212	0001420003	110999
0001368067	113497	0001402037	110512	0001415015	110212	0001420004	110999
0001368069	113184	0001402041	110512	0001415016	110208	0001420005	110999
0001368070	113466	0001402043	110601	0001415017	110582	0001420006	110347
0001368071	114398	0001402053	110208	0001415021	111219	0001420008	110347
0001368074	111638	0001402054	110512	0001415027	110206	0001420009	110999
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0001368078	114745	0001402056	111249	0001416003	110533	0001420011	110347
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0001368083	111399	0001402058	111249	0001416005	110207	0001501020	110214
0001368085	112037	0001402059	110601	0001416007	110207	0001501029	110214
0001368088	110523	0001402064	110512	0001416008	110208	0001501033	110214
0001368300	110524	0001402075	110512	0001416009	110208	0001501035	110214
0001368301	110527	0001402079	111218	0001416010	113855	0004314011	110530
0001368304	113466	0001402081	110512	0001416011	110582	0010300001	110061
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0001368311	113353	0001410024	110210	0001416024	110512	0010350005	110061
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0001368316	110527	0001410030	110601	0001416027	111249	012060040	113632
0001368317	113468	0001410037	110214	0001416028	111218	0101302067	111225
0001369001	111755	0001410044	110208	0001416030	110534	0101302068	111225
0001369005	111755	0001410046	110207	0001416031	114437	0101302075	111225
0001369006	110640	0001410050	111219	0001416032	114438	0101302076	111225
0001369007	111885	0001410052	111003	0001416035	110534	0101302085	111225
0001369014	112555	0001410053	110534	0001416036	110535	0101302086	111225
0001369015	112074	0001410057	110932	0001416043	110209	0101302111	111225
0001369016	111752	0001410060	110209	0001416044	110932	0101302112	111225
0001369018	112135	0001410062	110533	0001416046	114446	0101302115	111225
0001369019	111885	0001410063	110534	0001416047	110512	0101302116	111225
0001369020	112074	0001410065	110213	0001416048	110212	0101302117	111225
0001369022	111755	0001410067	110209	0001416052	110582	0101302118	111225
0001369023	112074	0001410068	110932	0001416053	111219	0101304013	111225
0001369024	112555	0001410087	114744	0001416054	110512	0101304014	111225
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0001369200	113968	0001410094	111003	0001416061	110980	0120300514	110641
0001371001	113695	0001410098	110212	0001416062	110981	0120300516	110105
0001371004	112224	0001410099	110534	0001416065	110980	0120300517	111649
0001371006	111910	0001410106	110582	0001416067	110981	0120300528	110899
0001371008	112437	0001410109	110534	0001416070	110207	0120300529	110899
0001371010	112581	0001410111	110535	0001416071	114744	0120300530	110077
0001371015	112581	0001410115	110212	0001416074	115345	0120300531	110077
0001371018	111000	0001411005	110212	0001416076	110208	0120300535	110105
0001371020	111000	0001411008	110205	0001416078	110206	0120300545	110105
0001372001	111771	0001411009	110210	0001416079	110206	0120300558	110899
0001372002	112581	0001411010	111219	0001417001	110210	0120300559	110899
0001372003	112581	0001411012	110205	0001417002	111046	0120300562	111649
0001372005	113608	0001411014	110512	0001417005	110213	0120300563	110975
0001372006	113609	0001411016	110208	0001417006	110532	0120300564	110975
0001372007	112581	0001411017	110532	0001417023	111219	0120300568	110899
0001372008	112581	0001411022	112120	0001417035	110207	0120300569	110899
0001401005	110409	0001411025	110213	0001417036	110531	0120300579	110766
0001401011	110537	0001411026	110532	0001417037	112120	0120300584	110975

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>BOSCH</b> <i>Continued</i>							
0120334625	..112329	0120400806	..111289	0120468109	..113758	0120469522	..112742
0120335007	..110619	0120400807	..111289	0120468113	..112159	0120469523	..111528
0120335008	..111280	0120400808	..111086	0120468114	..112803	0120469524	..111139
0120335010	..111352	0120400809	..111086	0120468115	..112159	0120469525	..111139
0120335012	..112230	0120400810	..111289	0120468116	..112076	0120469526	..113611
0120339502	..110178	0120400814	..110759	0120468117	..112159	0120469527	..111146
0120339504	..111086	0120400833	..113376	0120468118	..112159	0120469528	..111139
0120339506	..110178	0120400834	..113376	0120468119	..112799	0120469533	..111139
0120339509	..110178	0120400836	..111096	0120468122	..112750	0120469536	..111139
0120339510	..110178	0120400837	..111096	0120468123	..112777	0120469538	..111147
0120339512	..111649	0120400845	..112098	0120468124	..112076	0120469539	..111147
0120339513	..111649	0120400847	..110887	0120468125	..112693	0120469540	..113611
0120339514	..110641	0120400848	..110887	0120468129	..112076	0120469549	..111419
0120339515	..111180	0120400856	..110730	0120468130	..112076	0120469554	..111139
0120339516	..111180	0120400857	..110730	0120468131	..111886	0120469559	..112730
0120339518	..111086	0120400858	..110358	0120468135	..111746	0120469560	..111147
0120339519	..111086	0120400859	..110358	0120468137	..112159	0120469561	..111147
0120339521	..111662	0120400862	..111096	0120468138	..112159	0120469562	..111146
0120339524	..110077	0120400863	..111096	0120468139	..112076	0120469566	..112730
0120339525	..110077	0120400866	..111289	0120468140	..112189	0120469569	..111834
0120339526	..113469	0120400867	..111289	0120468141	..112777	0120469579	..112288
0120339527	..111180	0120400872	..111086	0120468143	..113448	0120469580	..112288
0120339528	..111180	0120400873	..111086	0120468144	..111746	0120469583	..111149
0120339531	..110641	0120400900	..111086	0120468145	..113448	0120469584	..111149
0120339536	..111662	0120400901	..111086	0120468147	..112493	0120469585	..112747
0120339538	..110766	0120400914	..110890	0120468154	..112189	0120469588	..111149
0120339543	..111649	0120400943	..110890	0120468162	..112189	0120469589	..111149
0120339544	..111649	0120421142	..111289	0120468999	..112076	0120469590	..111149
0120339545	..111649	0120421401	..111289	0120469001	..110895	0120469591	..111149
0120339552	..110641	0120421581	..111086	0120469002	..112798	0120469592	..111146
0120389502	..110178	0120450010	..112288	0120469003	..112798	0120469593	..111147
0120389503	..110178	0120450015	..112288	0120469008	..112747	0120469601	..112729
0120400369	..112098	0120450026	..111815	0120469009	..111157	0120469602	..112729
0120400600	..112098	0120450027	..111815	0120469010	..111987	0120469603	..112729
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0120400606	..112098	0120465003	..112194	0120469013	..113611	0120469617	..111147
0120400607	..112098	0120465004	..112194	0120469014	..112345	0120469618	..111147
0120400611	..112098	0120465006	..112557	0120469018	..111631	0120469619	..111147
0120400614	..113376	0120465007	..112806	0120469019	..110895	0120469634	..111419
0120400618	..110048	0120465008	..112806	0120469021	..112765	0120469642	..111149
0120400623	..111652	0120465012	..112557	0120469022	..111987	0120469643	..111834
0120400626	..111652	0120465014	..112539	0120469023	..111987	0120469646	..112453
0120400630	..110877	0120465015	..112194	0120469024	..111146	0120469647	..112453
0120400637	..112098	0120465016	..112539	0120469025	..110895	0120469655	..112725
0120400639	..112098	0120465017	..112539	0120469026	..111987	0120469656	..112725
0120400640	..110766	0120465021	..111991	0120469027	..111987	0120469659	..112730
0120400642	..110766	0120465022	..112806	0120469028	..112780	0120469660	..112730
0120400649	..111652	0120465023	..112806	0120469030	..112747	0120469661	..111157
0120400650	..111652	0120468013	..112812	0120469031	..111987	0120469662	..111157
0120400669	..111652	0120468014	..112812	0120469032	..113186	0120469666	..112453
0120400670	..110975	0120468017	..112777	0120469033	..111631	0120469673	..111987
0120400675	..112098	0120468019	..112777	0120469034	..111860	0120469676	..111157
0120400679	..112098	0120468020	..112777	0120469038	..111146	0120469677	..111157
0120400680	..112098	0120468022	..112777	0120469039	..110895	0120469679	..111987
0120400690	..110766	0120468023	..112777	0120469044	..111631	0120469686	..110895
0120400694	..110766	0120468024	..112777	0120469048	..111987	0120469687	..113611
0120400700	..111141	0120468029	..112693	0120469101	..110895	0120469692	..111146
0120400704	..110759	0120468037	..112803	0120469102	..112747	0120469693	..111834
0120400705	..110759	0120468044	..112777	0120469103	..110895	0120469710	..112453
0120400722	..110735	0120468052	..112777	0120469108	..111987	0120469713	..112730
0120400723	..110735	0120468053	..112159	0120469110	..111987	0120469722	..112765
0120400728	..113920	0120468054	..112493	0120469113	..111987	0120469723	..112765
0120400736	..112098	0120468055	..112773	0120469115	..112561	0120469734	..112729
0120400752	..110877	0120468057	..112774	0120469116	..112561	0120469735	..112729
0120400753	..110877	0120468058	..112774	0120469117	..112561	0120469736	..112729
0120400760	..110766	0120468059	..112774	0120469119	..113448	0120469737	..112729
0120400767	..110887	0120468060	..112774	0120469501	..110919	0120469738	..112729
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0120400775	..111649	0120468070	..112777	0120469504	..111139	0120469745	..112734
0120400778	..110127	0120468084	..112799	0120469505	..111139	0120469746	..112734
0120400786	..110887	0120468085	..112799	0120469506	..113611	0120469749	..112742
0120400787	..110887	0120468093	..111746	0120469507	..112742	0120469752	..112288
0120400789	..112098	0120468094	..112076	0120469509	..110895	0120469753	..112288
0120400790	..110766	0120468098	..112812	0120469518	..110895	0120469754	..112730
0120400791	..110766	0120468101	..112693	0120469519	..112747	0120469761	..111146
0120400796	..110116	0120468107	..112159	0120469520	..112747	0120469763	..111834
0120400805	..110766	0120468108	..112777	0120469521	..112747	0120469768	..112729

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
0120469772	112747	0120484016	113632	0120488200	111170	0120489016	110913
0120469781	112725	0120484017	113531	0120488201	111170	0120489017	110913
0120469784	112746	0120484018	111843	0120488202	112056	0120489018	111686
0120469785	112746	0120484019	113531	0120488203	111168	0120489019	112768
0120469786	112746	0120484020	113632	0120488204	112056	0120489020	110912
0120469787	112746	0120484021	111978	0120488205	111888	0120489021	110890
0120469793	112746	0120484022	113290	0120488206	112170	0120489022	112098
0120469798	112345	0120484024	113290	0120488207	111148	0120489023	110766
0120469804	111147	0120484026	111843	0120488208	110116	0120489032	111141
0120469805	111147	0120484028	113716	0120488209	110881	0120489036	110877
0120469807	111834	0120484049	113716	0120488210	111289	0120489037	110877
0120469808	111157	0120484050	111843	0120488211	110891	0120489038	110877
0120469809	111157	0120484218	111843	0120488214	111076	0120489039	110877
0120469811	112734	0120485007	111094	0120488215	111076	0120489043	110880
0120469822	112750	0120485008	111094	0120488217	113632	0120489045	110877
0120469823	112750	0120485011	111354	0120488218	110105	0120489046	110877
0120469826	111834	0120485012	111354	0120488224	110766	0120489048	111289
0120469832	112750	0120485015	111268	0120488226	111154	0120489049	111086
0120469839	112750	0120485019	111676	0120488227	111154	0120489050	111086
0120469847	112780	0120485020	111676	0120488228	110891	0120489051	111289
0120469848	112780	0120485022	111354	0120488229	112813	0120489052	111086
0120469849	111987	0120485029	111293	0120488230	112810	0120489053	110116
0120469858	112771	0120485034	111352	0120488231	112813	0120489054	111086
0120469859	112771	0120485036	111479	0120488233	112098	0120489058	110975
0120469860	111860	0120485038	111477	0120488234	113470	0120489060	112784
0120469861	111860	0120485041	112712	0120488235	111148	0120489061	110358
0120469863	112729	0120485043	111353	0120488237	111288	0120489062	111653
0120469870	112759	0120485048	112687	0120488238	111154	0120489063	111652
0120469871	112759	0120488000	111164	0120488239	112763	0120489065	111085
0120469874	112759	0120488001	111164	0120488240	111288	0120489066	111085
0120469875	111860	0120488009	111164	0120488242	111741	0120489069	110881
0120469878	112764	0120488012	111164	0120488243	111741	0120489070	110881
0120469879	112764	0120488100	112056	0120488250	111686	0120489074	111289
0120469888	112750	0120488114	110881	0120488251	111686	0120489075	111289
0120469889	112750	0120488123	111170	0120488252	112097	0120489076	110360
0120469890	111419	0120488124	111170	0120488253	112097	0120489080	111652
0120469891	111146	0120488130	112813	0120488254	111620	0120489081	110913
0120469892	111860	0120488134	112098	0120488255	112775	0120489082	111086
0120469893	112780	0120488137	112779	0120488256	113920	0120489084	112683
0120469895	113611	0120488138	112098	0120488257	110881	0120489086	111289
0120469896	112734	0120488140	111148	0120488258	110881	0120489087	110759
0120469897	112734	0120488142	113839	0120488261	112810	0120489088	111289
0120469899	112730	0120488143	111403	0120488262	112810	0120489090	111289
0120469900	111834	0120488149	111741	0120488265	112763	0120489091	111289
0120469913	113864	0120488153	113470	0120488267	110105	0120489092	111289
0120469914	113864	0120488158	113376	0120488269	112779	0120489093	111289
0120469918	113864	0120488159	111166	0120488270	112779	0120489094	111289
0120469919	113864	0120488160	111170	0120488271	110761	0120489095	111289
0120469920	112757	0120488161	111170	0120488273	110116	0120489096	111086
0120469928	112734	0120488164	111166	0120488275	111148	0120489097	111086
0120469936	112780	0120488165	111166	0120488277	113920	0120489098	111086
0120469937	112780	0120488166	111170	0120488278	113920	0120489099	111086
0120469938	112771	0120488168	112056	0120488280	110348	0120489100	111086
0120469939	112771	0120488169	112056	0120488282	111141	0120489101	111086
0120469940	112780	0120488170	111178	0120488283	113470	0120489103	111289
0120469944	111149	0120488171	111178	0120488284	111418	0120489105	111086
0120469945	111149	0120488172	111169	0120488286	110891	0120489106	110882
0120469953	112750	0120488173	111169	0120488289	110116	0120489107	110890
0120469958	111157	0120488176	111289	0120488290	110105	0120489108	111178
0120469959	111834	0120488177	111289	0120488291	113920	0120489109	111178
0120469960	111834	0120488178	111741	0120488293	111888	0120489110	111178
0120469963	112757	0120488179	111741	0120488294	112170	0120489111	111178
0120469967	112687	0120488180	111741	0120488296	113716	0120489116	111656
0120469971	112798	0120488181	111741	0120488297	111216	0120489117	111656
0120469972	112798	0120488182	111289	0120488643	112784	0120489118	113376
0120469978	111987	0120488185	110881	0120489001	111289	0120489119	113376
0120469979	111860	0120488186	112056	0120489002	111652	0120489120	110914
0120469982	110895	0120488187	112056	0120489003	111652	0120489121	110972
0120469983	111146	0120488189	111356	0120489004	111652	0120489122	110914
0120469992	112815	0120488190	111166	0120489005	112763	0120489123	110972
0120469993	112815	0120488191	111166	0120489006	111652	0120489123	111168
0120469999	111987	0120488192	111169	0120489007	111652	0120489124	110972
0120484001	112046	0120488193	111169	0120489009	111652	0120489124	111168
0120484002	113632	0120488194	112768	0120489010	111652	0120489125	111168
0120484003	113632	0120488195	112768	0120489011	111652	0120489126	111035
0120484009	113187	0120488196	111288	0120489012	110360	0120489127	110612
0120484011	111843	0120488197	112763	0120489013	110360	0120489128	111148
0120484012	113531	0120488198	111288	0120489014	111653	0120489129	111148
0120484015	111978	0120488199	111288	0120489015	111653	0120489132	111138

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>BOSCH</b> <i>Continued</i>							
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0120489134	..110890	0120489317	..113632	0120489474	..110877	0120489647	..110877
0120489135	..110912	0120489318	..111620	0120489475	..111888	0120489648	..110877
0120489136	..111686	0120489319	..111620	0120489476	..111841	0120489653	..110911
0120489138	..111166	0120489321	..111093	0120489481	..112170	0120489654	..110911
0120489139	..111166	0120489322	..111093	0120489488	..111170	0120489657	..110911
0120489145	..110882	0120489323	..110923	0120489489	..111170	0120489659	..110911
0120489146	..110890	0120489324	..110923	0120489490	..113839	0120489666	..111289
0120489147	..110890	0120489325	..111093	0120489491	..111321	0120489667	..111289
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0120489151	..110890	0120489327	..111093	0120489496	..111287	0120489673	..111138
0120489152	..111686	0120489328	..111093	0120489497	..111154	0120489680	..111086
0120489153	..111686	0120489329	..111093	0120489508	..110759	0120489681	..111086
0120489156	..113632	0120489330	..111093	0120489509	..110759	0120489683	..110358
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0120489187	..111035	0120489338	..111686	0120489534	..110877	0120489703	..110105
0120489188	..111035	0120489339	..111166	0120489535	..111652	0120489704	..110105
0120489189	..111156	0120489340	..111166	0120489536	..110759	0120489705	..111289
0120489190	..111156	0120489341	..111800	0120489541	..110912	0120489706	..111289
0120489191	..110877	0120489342	..112056	0120489542	..110912	0120489707	..110766
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0120489194	..111075	0120489345	..111362	0120489547	..110730	0120489711	..112098
0120489195	..110919	0120489346	..110891	0120489548	..110730	0120489712	..110913
0120489196	..110919	0120489347	..110891	0120489549	..111153	0120489713	..111652
0120489198	..111288	0120489348	..111148	0120489550	..111153	0120489714	..111652
0120489212	..111686	0120489354	..110923	0120489551	..110975	0120489719	..110880
0120489214	..111289	0120489355	..110923	0120489556	..110358	0120489720	..110880
0120489219	..111686	0120489358	..111156	0120489557	..110360	0120489723	..110751
0120489221	..110113	0120489360	..111160	0120489558	..110360	0120489724	..110751
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## STARTERS & ALTERNATORS





O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
0120489799	110360	0120489981	110913	0123310016	111268	0123500001	112194
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0120489803	110759	0120489988	111653	0123310020	111352	0123505001	111732
0120489804	110759	0120489990	111670	0123310023	113447	0123505002	111426
0120489818	111670	0120489991	111670	0123310025	111353	0123505003	111514
0120489819	111670	0120489999	110975	0123310029	112680	0123505007	112806
0120489823	111620	0120500004	112557	0123310030	112557	0123505008	113867
0120489824	111620	0120501151	113448	0123310032	111353	0123505009	112806
0120489827	110116	0120600579	111629	0123310033	111980	0123505010	111991
0120489828	110358	0120689503	111629	0123310049	111884	0123505011	111988
0120489833	111289	0120689504	111842	0123310050	113447	0123505014	112557
0120489838	110890	0120689507	111842	0123310051	111980	0123510002	112194
0120489839	111289	0120689508	111629	0123310053	112680	0123510004	111850
0120489840	111289	0120689511	112343	0123310054	113447	0123510005	111991
0120489841	111289	0120689512	111629	0123315001	111352	0123510007	112709
0120489842	111289	0120689513	111629	0123315002	111353	0123510012	112530
0120489843	111289	0120689515	111629	0123315005	111354	0123510014	112806
0120489844	111289	0120689516	112302	0123315007	111993	0123510015	113867
0120489846	111086	0120689517	111842	0123315008	113832	0123510018	111850
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0120489980	110913	0123310014	111293	0123340007	111890	0123515501	113949

Cross reference list

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>BOSCH</b> Continued							
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0123520007	111850	0124325035	113888	0124425019	113352	0124515125	114797
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0123520011	113489	0124325040	113301	0124425022	112416	0124515131	113835
0123520012	113489	0124325044	114769	0124425026	114076	0124515132	113302
0123520013	113489	0124325045	113301	0124425029	114463	0124515198	113877
0123520015	114735	0124325046	113889	0124425037	114463	0124525001	113272
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0123520022	114452	0124325051	114027	0124425053	113352	0124525009	114722
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0124315027	113285	0124325172	114202	0124515057	112402	0124525128	113884
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0124325001	112079	0124415006	112198	0124515083	112397	0124525141	113837
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0124325003	115482	0124415008	111426	0124515086	111732	0124525520	113510
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0124325010	113832	0124415014	112144	0124515095	113352	0124555001	113351
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0124325012	112079	0124415016	113298	0124515110	112002	0124555003	113284
0124325013	112274	0124415025	113352	0124515110	114797	0124555004	113351
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0124325017	112399	0124415030	113298	0124515114	112197	0124555005	115484
0124325018	112396	0124415032	113298	0124515115	114210	0124555006	114036
0124325019	112399	0124415038	112144	0124515117	112002	0124555008	114028
0124325021	113888	0124415040	112144	0124515117	114797	0124555008	115493
0124325022	113888	0124415041	112144	0124515120	114701	0124555009	114212
0124325023	111967	0124415043	112144	0124515121	112002	0124555013	115486

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
0124555014	114008	0136355061	111466	0986010890	110862	0986011781	110835
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0124555018	114089	0136355072	111207	0986010920	110996	0986011811	111064
0124555018	115495	0136355080	111092	0986010928	110996	0986011830	110866
0124555020	114212	0136355081	111091	0986010930	110839	0986011838	110367
0124555027	114212	0136501074	112575	0986010950	110461	0986011838	110866
0124555028	114212	0136603002	113852	0986010950	112251	0986011871	110338
0124555032	113351	0986010030	111055	0986010960	113465	0986011891	110365
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0124555041	113284	0986010031	111055	0986010970	113466	0986011898	111585
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Cross reference list

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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0986018711	111730	0986020350	113513	0986022740	113445	0986030150	112098
0986018721	110808	0986020381	111305	0986022750	110462	0986030170	112098
0986018731	111476	0986020391	113040	0986022760	113662	0986030270	110113
0986018741	113665	0986020401	111971	0986022770	113327	0986030290	110766
0986018751	110708	0986020411	113638	0986022780	111307	0986030300	110116
0986018751	113936	0986020421	112370	0986022790	113933	0986030340	112098
0986018761	111550	0986020501	112300	0986022800	113897	0986030350	110887
0986018770	113761	0986020531	111455	0986022810	113932	0986030520	110895
0986018780	112581	0986020541	113314	0986022820	113329	0986030530	111139
0986018790	110212	0986020571	114889	0986022850	113794	0986030538	111139
0986018800	112437	0986020581	111874	0986022880	114072	0986030540	111139

Cross reference list

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Cross reference list

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>BOSCH</b> <i>Continued</i>							
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0986030588	111652	0986030970	110890	0986031508	111652	0986033090	113611
0986030598	111652	0986030971	110890	0986031518	111652	0986033100	111146
0986030600	111652	0986030971	111686	0986031520	111653	0986033120	111147
0986030610	110360	0986030980	110890	0986031521	111652	0986033130	112730
0986030618	110360	0986030980	110912	0986031528	111653	0986033140	111149
0986030620	110913	0986030980	111138	0986031530	111653	0986033150	111149
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0986030660	111141	0986031000	111075	0986031590	111629	0986033160	112798
0986030670	110877	0986031008	111075	0986031600	111629	0986033170	111147
0986030680	110877	0986031010	111652	0986031691	110178	0986033180	110919
0986030700	110877	0986031030	111652	0986031701	110178	0986033181	110919
0986030720	110358	0986031040	110911	0986031741	110769	0986033188	110919
0986030721	110358	0986031040	111652	0986031830	110975	0986033190	111652
0986030730	111085	0986031041	110911	0986031931	110743	0986033200	111653
0986030731	111085	0986031058	110178	0986031941	110745	0986033210	111652
0986030740	110360	0986031058	110759	0986031981	110144	0986033220	111289
0986030748	110360	0986031058	111289	0986032010	110745	0986033228	111289
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0986030750	110913	0986031058	113378	0986032021	110743	0986033240	111289
0986030751	110913	0986031060	111652	0986032050	110916	0986033248	111289
0986030758	110913	0986031061	111652	0986032051	110916	0986033250	110612
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0986030768	111289	0986031100	110360	0986032121	110349	0986033288	110923
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0986030788	110969	0986031190	110112	0986032381	110137	0986033320	110105
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0986030790	111289	0986031230	110116	0986032391	110138	0986033400	110895
0986030798	110612	0986031250	110043	0986032401	110137	0986033461	110138
0986030798	110911	0986031251	110043	0986032401	110138	0986033461	110258
0986030798	111185	0986031251	111834	0986032401	110258	0986033471	110267
0986030798	111289	0986031260	110766	0986032421	110138	0986033471	110703
0986030800	110179	0986031270	112098	0986032431	110128	0986033481	110128
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0986030810	111178	0986031300	110751	0986032451	110128	0986033520	111629
0986030811	111178	0986031300	111141	0986032451	110133	0986033540	110766
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0986030848	112271	0986031330	112736	0986032591	110248	0986033620	112288
0986030850	110077	0986031340	112097	0986032611	110318	0986033670	111093
0986030850	111767	0986031350	110759	0986032621	110134	0986033680	111093
0986030850	111891	0986031350	111289	0986032621	110168	0986033710	111149
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0986030870	111656	0986031380	111289	0986032651	110168	0986033728	111093
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0986030880	111166	0986031388	110968	0986032661	110168	0986033730	111093
0986030880	113376	0986031388	111185	0986032661	110307	0986033740	110923
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0986030881	111467	0986031390	110880	0986032681	110168	0986033750	113866
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0986030900	110972	0986031400	110358	0986032710	112742	0986033810	110923
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0986030908	110914	0986031410	110611	0986032720	111834	0986033811	111093
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0986030918	110914	0986031430	110358	0986032741	110920	0986033831	111364
0986030918	111168	0986031431	110358	0986032748	110920	0986033840	111528
0986030920	110972	0986031450	110761	0986032770	110975	0986033840	111658
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0986030928	111168	0986031470	110360	0986032790	111076	0986033841	113477
0986030928	111800	0986031478	110360	0986032790	112162	0986033850	111364
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0986030948	110612	0986031500	111652	0986032940	110881	0986033878	110919

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
0986033880	110882	0986034480	111148	0986035430	110703	0986036510	111287
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0986033890	110890	0986034500	111094	0986035461	110965	0986036538	111170
0986033890	110912	0986034501	111094	0986035491	110258	0986036540	111166
0986033890	111148	0986034508	111094	0986035501	110678	0986036540	111170
0986033890	112719	0986034510	112149	0986035501	111435	0986036561	111368
0986033891	110882	0986034511	112149	0986035501	111538	0986036581	111067
0986033891	110912	0986034518	111094	0986035501	111705	0986036581	111368
0986033891	112719	0986034518	112149	0986035511	110248	0986036581	111743
0986033891	112768	0986034520	111288	0986035521	110248	0986036581	111754
0986033940	110770	0986034521	112763	0986035601	110496	0986036590	110607
0986033940	111289	0986034530	110902	0986035601	110678	0986036590	111368
0986033940	113574	0986034531	111152	0986035601	111705	0986036590	111743
0986033970	111156	0986034558	111287	0986035630	111686	0986036590	111754
0986033971	111156	0986034560	111095	0986035631	111686	0986036611	110607
0986033991	111082	0986034560	111287	0986035641	111036	0986036611	111754
0986034008	111072	0986034570	111095	0986035641	111621	0986036631	111623
0986034010	112725	0986034570	112149	0986035700	112771	0986036631	111742
0986034018	112725	0986034600	111842	0986035710	111860	0986036641	110374
0986034020	112734	0986034610	112343	0986035710	112453	0986036641	110620
0986034030	112734	0986034620	110358	0986035720	112780	0986036660	112750
0986034040	111652	0986034621	110358	0986035760	110882	0986036690	111176
0986034041	111652	0986034640	111148	0986035760	111418	0986036690	111293
0986034048	110911	0986034650	111166	0986035770	112453	0986036701	112325
0986034048	110919	0986034650	111178	0986035810	112812	0986036750	111620
0986034048	111652	0986034651	111166	0986035841	110908	0986036750	111654
0986034050	110923	0986034660	112056	0986035871	110692	0986036750	111686
0986034050	111093	0986034661	112056	0986035890	112774	0986036770	112764
0986034050	113866	0986034668	110972	0986035901	110138	0986036770	113864
0986034060	111093	0986034668	111169	0986035901	110496	0986036780	111860
0986034070	112288	0986034668	111800	0986035901	110628	0986036780	112453
0986034080	111147	0986034668	112056	0986035910	113470	0986036780	112540
0986034110	111147	0986034700	112746	0986036000	111157	0986036790	112765
0986034130	112729	0986034700	112815	0986036010	111289	0986036800	111215
0986034140	112730	0986034710	112746	0986036010	111362	0986036800	113632
0986034160	112798	0986034730	110993	0986036020	110770	0986036810	111354
0986034188	110107	0986034731	110993	0986036020	111289	0986036820	111354
0986034188	111948	0986034740	111082	0986036020	111362	0986036820	112529
0986034200	111289	0986034740	112728	0986036041	111176	0986036841	110769
0986034210	112779	0986034741	111082	0986036048	111176	0986036851	112162
0986034220	112149	0986034741	112728	0986036058	112725	0986036851	112292
0986034221	110919	0986034781	111171	0986036058	112725	0986036860	111403
0986034221	112149	0986034801	111072	0986036060	110770	0986036860	113839
0986034230	112149	0986034801	111171	0986036060	111289	0986036861	111403
0986034231	112149	0986034810	112744	0986036060	111356	0986036861	113839
0986034240	112735	0986034811	112744	0986036060	111364	0986036880	111321
0986034241	112149	0986034818	112744	0986036063	111356	0986036880	113839
0986034248	112735	0986034821	110921	0986036071	113920	0986036881	111321
0986034250	110902	0986034830	111841	0986036110	111289	0986036891	112754
0986034250	111152	0986034831	111841	0986036150	111741	0986036920	111146
0986034251	110902	0986034851	111171	0986036160	112759	0986036930	110360
0986034251	111152	0986034861	110889	0986036191	111176	0986036941	113500
0986034260	111141	0986034871	112755	0986036198	110770	0986036951	111075
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0986034270	113920	0986034891	112739	0986036211	111176	0986037031	110692
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0986034311	112270	0986034940	113611	0986036240	112076	0986037061	110693
0986034321	110250	0986034990	111152	0986036241	112758	0986037070	111352
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0986034341	110563	0986034990	112763	0986036260	112763	0986037110	110891
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0986034430	112747	0986035211	111372	0986036390	112774	0986037241	111331
0986034450	111164	0986035341	112970	0986036441	110660	0986037261	110927
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0986034468	112056	0986035401	110307	0986036480	112162	0986037311	113500
0986034470	110891	0986035411	110264	0986036481	112162	0986037321	111325
0986034473	110891	0986035411	112270	0986036501	110385	0986037321	112756

## STARTERS & ALTERNATORS



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>BOSCH</b> <i>Continued</i>							
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0986037410	110895	0986038740	112292	0986039961	111082	0986041381	112681
0986037420	111629	0986038771	112782	0986039961	112795	0986041401	113604
0986037440	113920	0986038791	112299	0986040021	112772	0986041421	111512
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0986037491	110663	0986038841	111803	0986040051	111319	0986041490	112079
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0986037581	111428	0986038861	112769	0986040091	111326	0986041500	115482
0986037691	111337	0986038910	111850	0986040170	113442	0986041510	112075
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0986037791	111071	0986038940	112712	0986040220	111318	0986041570	112561
0986037791	112299	0986038970	111164	0986040221	111318	0986041580	110895
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0986037880	112753	0986039080	113885	0986040270	111894	0986041610	111800
0986037880	112813	0986039090	111988	0986040280	111843	0986041620	111169
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0986038170	112529	0986039390	111883	0986040600	112045	0986041850	112144
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0986038180	112806	0986039431	112800	0986040621	111688	0986041860	114797
0986038211	110659	0986039450	112799	0986040631	113939	0986041860	115483
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0986038230	111354	0986039471	111411	0986040671	111413	0986041900	112402
0986038260	112530	0986039471	111505	0986040681	113536	0986041910	112273
0986038281	110631	0986039471	113471	0986040691	113667	0986041920	112274
0986038290	111833	0986039481	112683	0986040830	112209	0986041930	112460
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0986038320	112812	0986039501	111687	0986040900	113832	0986041950	112198
0986038351	111331	0986039510	113447	0986040910	111993	0986041960	112407
0986038370	111477	0986039513	113447	0986040940	111820	0986041970	112406
0986038370	111820	0986039520	111988	0986040950	111884	0986041980	112406
0986038380	111479	0986039530	111842	0986040960	111468	0986041990	112073
0986038390	111353	0986039570	111891	0986041030	113448	0986042000	112190
0986038401	111361	0986039650	111895	0986041040	112529	0986042010	112190
0986038421	110682	0986039690	112777	0986041060	112196	0986042031	111937
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0986038451	110660	0986039700	113833	0986041090	110895	0986042071	112058
0986038460	111280	0986039711	110968	0986041100	112557	0986042081	113603
0986038471	110967	0986039720	112193	0986041110	113869	0986042091	112480
0986038471	111279	0986039740	111369	0986041120	111883	0986042111	111723
0986038481	111611	0986039740	112529	0986041140	113754	0986042121	111934
0986038491	111267	0986039743	111369	0986041150	112078	0986042141	111719
0986038501	110701	0986039750	111890	0986041153	112078	0986042151	111775
0986038501	111316	0986039760	111893	0986041160	112860	0986042171	111498
0986038551	111578	0986039780	111318	0986041170	111468	0986042181	112059
0986038571	111578	0986039790	112561	0986041190	112413	0986042191	111718
0986038581	111285	0986039800	112098	0986041200	113867	0986042201	112679
0986038591	111432	0986039810	113531	0986041210	111902	0986042241	111240
0986038600	112229	0986039820	111978	0986041220	111883	0986042261	110806
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0986038610	111676	0986039860	113486	0986041240	111824	0986042281	111238
0986038610	113885	0986039870	112693	0986041250	113879	0986042291	112128
0986038621	111036	0986039881	111623	0986041260	111990	0986042311	111339
0986038621	113471	0986039881	111742	0986041280	113836	0986042331	112860

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
0986042341	111285	0986044010	113352	0986045691	113788	0986048771	113722
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0986042380	113351	0986044030	112415	0986045741	114214	0986048791	113955
0986042390	113351	0986044060	112424	0986045751	111779	0986048791	114801
0986042400	113351	0986044210	111824	0986045771	111950	0986048820	114524
0986042410	113351	0986044280	111815	0986045791	111779	0986048911	113246
0986042420	112426	0986044290	111812	0986045871	111598	0986048921	113881
0986042470	112414	0986044300	112399	0986045881	112363	0986048980	113771
0986042490	112428	0986044310	113283	0986045891	112063	0986048990	113772
0986042520	113889	0986044320	113882	0986045921	111781	0986049051	114114
0986042530	113889	0986044330	113751	0986045930	112207	0986049061	113247
0986042540	112535	0986044340	112398	0986045941	112528	0986049071	113849
0986042550	113300	0986044370	113486	0986045981	111934	0986049081	113718
0986042560	113835	0986044380	113887	0986045990	112343	0986049101	113253
0986042570	113302	0986044400	112461	0986046000	112529	0986049121	114129
0986042580	113295	0986044400	114798	0986046030	112062	0986049151	113912
0986042583	113295	0986044420	111732	0986046040	112427	0986049161	114128
0986042590	113289	0986044430	113264	0986046050	113888	0986049171	113922
0986042593	113289	0986044460	113252	0986046060	113279	0986049181	113710
0986042600	112075	0986044470	113510	0986046070	113874	0986049191	113657
0986042620	113870	0986044530	113758	0986046090	113536	0986049201	113518
0986042640	112419	0986044571	112238	0986046160	113878	0986049221	114115
0986042650	113285	0986044581	110178	0986046190	113273	0986049243	110895
0986042660	113296	0986044581	111185	0986046200	114257	0986049253	112159
0986042670	113280	0986044591	110770	0986046210	114765	0986049293	112779
0986042680	112418	0986044591	111355	0986046220	113858	0986049303	113920
0986042690	113832	0986044601	110179	0986046240	113640	0986049320	114089
0986042700	112079	0986044611	112151	0986046250	114122	0986049320	115495
0986042710	112401	0986044621	111756	0986046260	113837	0986049350	114212
0986042720	112144	0986044631	112121	0986046270	113871	0986049370	113405
0986042740	112416	0986044651	112142	0986046280	114353	0986049380	110622
0986042741	112416	0986044661	111626	0986046320	113951	0986049390	112387
0986042750	113879	0986044661	111956	0986046330	113953	0986049400	113336
0986042770	112144	0986044671	112143	0986046340	113944	0986049410	113575
0986042780	113942	0986044691	112939	0986046361	111491	0986049420	114116
0986042790	113298	0986044701	111795	0986046381	111601	0986049430	112472
0986042810	113275	0986044761	112021	0986046391	111482	0986049460	113709
0986042830	112397	0986044821	111743	0986046421	112093	0986049500	113331
0986042840	113272	0986044841	112462	0986046431	112093	0986049510	111963
0986042850	111842	0986044850	112396	0986046440	114131	0986049520	113708
0986042853	111842	0986044900	113272	0986046480	111568	0986049540	113535
0986042861	112349	0986044940	112329	0986046560	113284	0986049550	113328
0986042871	111309	0986045001	111267	0986046570	113284	0986049570	113791
0986042881	111405	0986045031	112468	0986046590	113998	0986049620	111947
0986042891	110659	0986045073	111267	0986047160	111842	0986049630	113404
0986042901	110802	0986045081	110679	0986047163	111842	0986049640	113406
0986042911	112067	0986045083	110679	0986047210	113949	0986049660	113251
0986042921	111315	0986045101	113248	0986047240	113871	0986049690	113250
0986042941	111955	0986045103	113248	0986047360	113755	0986049700	112469
0986042951	111704	0986045130	113264	0986047370	114122	0986049710	113440
0986042981	110686	0986045160	113188	0986047400	113858	0986049720	113519
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0986043031	111468	0986045181	111943	0986047530	113835	0986049750	112654
0986043041	111517	0986045221	113577	0986047540	113302	0986049760	113338
0986043051	111468	0986045241	112471	0986047573	112416	0986049780	114314
0986043061	111537	0986045251	113407	0986047660	114210	0986049800	113787
0986043091	112458	0986045261	113403	0986047751	111689	0986049810	114673
0986043101	112272	0986045270	111426	0986047870	110895	0986049830	110622
0986043111	111291	0986045290	113351	0986047910	113958	0986049840	111483
0986043113	111291	0986045300	113874	0986047980	113947	0986049850	113786
0986043121	111767	0986045340	113992	0986048030	113536	0986049860	112334
0986043130	112196	0986045360	113884	0986048040	114768	0986049870	112330
0986043141	111797	0986045370	113913	0986048110	113351	0986049880	111626
0986043151	112705	0986045380	113877	0986048110	115557	0986049890	111720
0986043650	113889	0986045420	113274	0986048150	111850	0986049900	110804
0986043660	112197	0986045490	113284	0986048180	113992	0986049910	112648
0986043670	114836	0986045500	113284	0986048263	114076	0986049930	112205
0986043680	111426	0986045541	112352	0986048301	114121	0986049940	112327
0986043683	111426	0986045551	111384	0986048303	114121	0986049950	114705
0986043890	113448	0986045561	111594	0986048320	113956	0986049950	115490
0986043900	112197	0986045581	112328	0986048323	113956	0986049960	114090
0986043910	112425	0986045591	112348	0986048340	113941	0986049980	113883
0986043931	111514	0986045601	112355	0986048343	113941	0986080010	112357
0986043941	111831	0986045621	111381	0986048530	112002	0986080020	112333
0986043981	112271	0986045631	111294	0986048530	114797	0986080030	113950
0986043983	112271	0986045641	111726	0986048541	113537	0986080040	114130
0986043990	112720	0986045651	112351	0986048550	113953	0986080060	114705
0986044000	112415	0986045681	113383	0986048611	112457	0986080110	113948

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>BOSCH</b> <i>Continued</i>							
0986080130	113519	9000083065	110524	9120080118	111652	9120450018	111086
0986080140	113940	9000084008	110209	9120080120	110360	9120484038	114413
0986080160	112210	9000084018	110208	9120080122	111096	9120690078	110318
0986080170	111614	9000084019	110205	9120080139	110360	9120690170	110497
0986080180	111658	9000084024	110205	9120080148	110751	9120690291	112735
0986080190	113946	9000141015	111100	9120144105	110043	9120690298	112735
0986080220	112199	9000141100	110367	9120144111	110043	9120690438	111094
0986080230	113952	9000141101	110365	9120144114	110043	9123320007	111477
0986080240	113954	9000141103	110367	9120144118	110043	9123320016	111478
0986080250	111237	9000141104	111100	9120144119	110043	9123369044	111369
0986080270	113919	9000141107	110365	9120144201	110912	9124476014	113474
0986080280	112540	9000141111	110367	9120144202	110912	9124476048	112325
0986080300	110931	9000141112	110367	9120144208	111138	9124476602	111795
0986080340	114066	9000143400	110439	9120144209	111138	9127041200	112149
0986080350	113896	9000143406	110368	9120144228	111078	9127041201	112149
0986080380	114088	9000143408	110368	9120144229	111078	9127041233	110371
0986080390	114120	9000143501	111636	9120144238	110912	9127041241	110371
0986080400	114354	9000143601	110524	9120144239	110912	9127041242	110371
0986080430	113324	9000330119	110367	9120144240	111078	9129080088	110112
0986080440	114009	9000330910	110367	9120144241	111078	0120469860/875	112453
0986080470	114291	9000330929	111585	9120144242	110916	0120489369/370	111094
0986080490	114899	9000330937	110367	9120144243	110916	01220AA000	112428
0986080510	112324	9000330939	110365	9120144254	110993	01220AA0B0	112428
0986080530	113503	9000330948	111585	9120144255	110993	01220AA0D0	112428
0986080540	111411	9000330950	110367	9120144259	110920	01220AA0R0	112428
0986080590	114005	9000331201	111805	9120144260	110920	01220AA1A0	112428
0986080610	114258	9000331203	111805	9120144265	110993	01220AA1H0	112426
0986080630	111193	9000331406	114318	9120144266	110993	01220AA1J0	112426
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0986080690	111314	9000331421	114318	9120144269	110358	0986AR0761	113517
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0986080780	113404	9000331430	114318	9120144277	111082	0986B05009	114123
0986080820	112021	9000331702	111066	9120144278	112728	0986JR0084	113089
0986080830	112025	9000333109	111064	9120144283	111072	0986JR0383	111451
0986080840	112065	9000333112	111106	9120144284	111072	0986JR1046	111728
0986080850	111569	9000333114	111063	9120144289	111366	0986JR1252	113819
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0986080870	112458	9000333116	110337	9120144295	112744	6004AA0003	113613
0986080880	112129	9000333117	110585	9120144296	112744	6004AA0008	113613
0986080900	111722	9000333118	111131	9120144302	112756	6004AA0027	113613
0986080910	113343	9000333119	111131	9120144303	112756	6004AA3014	113900
0986080920	112465	9000333121	110394	9120144605	112087	6033AB1J00	114304
0986080970	113861	9000333122	110365	9120144606	112087	6033G2019B	111843
0986081000	114099	9000334102	110365	9120144610	112087	6033G3020B	111631
0986081030	112160	9000334103	111475	9120144611	112087	6033G3073B	111631
0986081050	112362	9000595801	110283	9120144615	112087	6033GB2009	111978
0986081140	114248	9000595824	110283	9120144616	112087	6033GB3006	112159
0986081150	114665	9000692050	111059	9120145002	111834	6033GB3010	113448
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0986081230	114109	9000692062	110858	9120331502	110178	6033GB3020	111631
0986081240	113291	9000692069	110149	9120331854	111289	6033GB3021	111746
0986081250	113439	9000693013	110824	9120331864	111289	6033GB3022	112561
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0986081310	113863	9004475300	111103	9120331882	110348	6033GB3033	111886
0986081340	114322	9004475310	110367	9120331901	110178	6033GB3034	111886
0986081350	113405	9007042015	113844	9120331913	110178	6033GB3045	113895
0986081410	114202	9007042016	113844	9120334317	111279	6033GB3047	110895
0986081910	114102	9007042024	110363	9120334318	111279	6033GB3053	110895
0986081960	114803	9007044002	110525	9120334323	111086	6033GB3054	112159
0986082210	114467	9007044014	110462	9120334625	112329	6033GB3055	110895
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9000042021	110363	9007045020	111396	9120334628	112087	6033GB4018	112394
9000042027	110363	9007145009	111396	9120334631	112086	6033GB4021	112330
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9000082009	110363	9120060031	114413	9120334635	112207	B001110043	112321
9000082021	111118	9120060033	114355	9120334636	112087	B001110097	111848
9000082039	111118	9120060038	113716	9120334638	112330	B001110116	111059
9000082040	111118	9120060041	111843	9120334640	112087	B001111010	111347
9000082050	110865	9120060042	113531	9120334641	113291	B001111025	110336
9000082059	110865	9120060891	114413	9120334642	112394	B001111100	111347
9000082061	112289	9120080061	111096	9120335000	111812	B001111143	111347
9000082082	111118	9120080088	110112	9120335001	111812	B001111158	114118
9000083028	110525	9120080089	110360	9120335002	113786	B001111164	111129
9000083054	110525	9120080114	110112	9120450012	111086	B001111217	111751

## STARTERS &amp; ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
B001111399	113443	AL0161V	112529	AL2369X	113374	AL362X	111705
B001111475	111030	AL0161X	111369	AL2370X	111726	AL363X	110496
B0011116092	111995	AL0162X	111850	AL2373X	113371	AL368X	111428
B001117012	110839	AL0163X	112530	AL2375X	113375	AL374X	110675
B001117070	110867	AL0168X	112194	AL2376X	113373	AL374X	110678
B001117071	111060	AL0169X	112194	AL237X	110129	AL380X	112270
B001117311	112295	AL0177X	112806	AL238X	110168	AL384X	110927
B001126016	112221	AL0181V	111477	AL2391X	113372	AL385X	111432
B001126081	112221	AL0181X	111477	AL2393X	113419	AL386X	111432
B001127041	112236	AL0183X	111676	AL241X	110307	AL387X	110675
B001180009	110865	AL0185V	111352	AL242X	110264	AL4001X	110666
B001181007	111059	AL0185X	111352	AL243X	110458	AL4005X	110802
B001181014	111751	AL0186V	111353	AL246X	112970	AL4006X	110802
B001233104	111120	AL0186X	111353	AL249X	112967	AL4008X	110804
B001233112	111120	AL0187V	111479	AL254X	110138	AL4009X	111406
B001233121	111065	AL0187X	111479	AL256X	111578	AL400N	110931
B001233172	111065	AL0710X	112693	AL25X	110913	AL400X	110931
B001233261	111065	AL0718X	112806	AL260X	110136	AL4013X	111375
B001260015	114523	AL0719X	112799	AL26X	110360	AL4014X	110659
B001315183	110838	AL0721X	112806	AL271X	112297	AL4017X	111309
B001329010	110996	AL0722X	111820	AL272X	110664	AL4018X	111806
B001816326	110524	AL0723X	111988	AL276X	110703	AL4019X	113027
B001860021	112581	AL0724X	112806	AL286X	110318	AL401N	112693
B001860023	112581	AL0736V	111946	AL28X	110919	AL4025X	110659
B120310087	111352	AL0749X	112687	AL292X	110179	AL4026X	111406
B120402702	110902	AL0750	112557	AL293X	110133	AL4027X	111405
B120411182	111676	AL0761X	113486	AL295X	110178	AL4040X	113652
B120411204	111352	AL0762X	112194	AL298	110178	AL4164X	111241
B120411528	112680	AL0763V	111369	AL298X	110178	AL41X	110877
B120416351	113285	AL0763X	112530	AL29X	112730	AL4207X	111342
B120421870	111139	AL0780X	112530	AL300X	111185	AL4211X	111315
B120421892	112288	AL113M	111652	AL307X	110138	AL4215X	111237
B120500330	112765	AL113MX	111652	AL313X	110968	AL4217X	111807
B120500331	112765	AL113X	111652	AL318X	110179	AL4221X	111787
B120500755	112159	AL114X	111670	AL3225X	110682	AL4300X	111611
B120501043	112777	AL116X	110877	AL3230X	111536	AL4306X	113634
B120510078	112557	AL119X	110759	AL3234X	112102	AL430X	110965
B120510079	112557	AL1263X	111285	AL3236X	113077	AL4427X	110679
B120510510	111895	AL1266X	111285	AL3237X	113085	AL4428X	110675
B120510614	111898	AL1269X	113035	AL3241X	110496	AL4432X	113076
B120516076	113754	AL1273X	113433	AL3242X	111705	AL4434X	112977
B120600100	111842	AL1275X	113094	AL3247X	111678	AL4436X	110683
BNG4/12	110409	AL1286X	113628	AL3248X	113636	AL4500X	111279
BNG4/12CR215	110537	AL130X	111170	AL3249X	111518	AL4501X	110967
BNG4/12CR222	111217	AL1358X	113090	AL3251X	111435	AL4502X	111279
BNG4/12CR238	110538	AL139X	111076	AL3252X	111435	AL4503X	111779
BNG4/12CR247	110537	AL157X	112746	AL3253X	110682	AL480X	110805
BNG4/24	110512	AL165X	112734	AL3254X	112860	AL5001N	111397
BNG4/24CR165BR	111249	AL166X	112774	AL3257X	111965	AL5002N	113477
BNG4/24CR165SR	110601	AL167X	111093	AL3258X	113090	AL5003N	112112
BNG4/24CR231	110512	AL16X	111289	AL326	110968	AL5004N	111510
BNG4/24CRS162	110208	AL172X	110902	AL3260X	112181	AL518X	110233
BNG4/24CRS163	110512	AL174X	112777	AL3261X	111468	AL519X	110233
BNG4/24CRS165BR	111249	AL176X	112693	AL3262X	111518	AL523X	110075
BNG4/24CRS165SR	110601	AL179X	112777	AL3264X	111579	AL530X	110075
EGD1/12AR37	111054	AL17X	111035	AL3265X	113081	AL531X	110233
EJD3/12BR3	110530	AL18X	111620	AL3267X	113089	AL532X	110233
EJD3/12BR4	111791	AL193X	112730	AL326X	110968	AL533X	110233
F000AL0101	111931	AL202X	110682	AL3270X	113078	AL534X	110234
F000AL0309	114123	AL203X	110137	AL3273X	112102	AL535X	110235
F000AL0310	114123	AL204X	110137	AL3274X	111517	AL536X	110235
F000AL0319	111422	AL205X	111435	AL3277X	112101	AL537X	110235
F000AL0320	113962	AL209X	110138	AL3279X	113091	AL542X	110233
F000AL0327	110584	AL212X	111480	AL3280X	111537	AL544X	110234
F000LD0108	111096	AL214X	110675	AL3285X	111435	AL547X	110471
F002G10951	111515	AL215X	110138	AL3286X	113089	AL551X	110502
F002G20485	113843	AL217X	110678	AL3287X	111482	AL557X	110471
F004A94410	114162	AL218X	113077	AL3289X	113089	AL559X	110471
F005A00020	113716	AL21X	111226	AL329X	110769	AL561X	110492
F005A00023	111888	AL231X	110128	AL32X	112149	AL562X	111252
F005A00024	111843	AL232X	110128	AL330X	110769	AL575X	111157
F005A00025	113531	AL2346X	110632	AL333X	112744	AL578X	112835
F005M00001	111848	AL2348X	111266	AL336X	110630	AL592X	112755
F010LD0201	112698	AL2352X	111264	AL337X	110693	AL598X	111199
R007042024	110363	AL2353N	111264	AL33X	112729	AL599X	113236
		AL2353X	111264	AL350X	110659	AL623X	112880
		AL2354X	110631	AL355X	112531	AL64X	112098
<b>BOUS</b>		AL2361X	111704	AL356X	110318	AL6505X	110471
AL0053X	112557	AL2363X	113197	AL359X	110659	AL650X	110502
AL0160X	111354						

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>BOUS</b> <i>Continued</i>							
AL6519X	111530	AL914X	110890	SR147X	110279	SR4192X	111557
AL651X	110985	AL920X	110766	SR148X	110278	SR4204X	111311
AL6522X	113067	AL922X	110445	SR15X	110363	SR4213X	110810
AL6524X	112583	AL923X	110138	SR165X	110158	SR4215X	112215
AL6525X	113235	AL925X	111686	SR168X	110315	SR4216X	111970
AL6526X	113071	AL926X	111141	SR16X	110865	SR4221X	110810
AL6527X	113069	AL930X	112097	SR174X	111182	SR4301X	111189
AL6530X	113360	AL9339X	111156	SR176X	111451	SR4303X	111182
AL6532X	113027	AL9342X	110908	SR192X	111103	SR4304X	111552
AL6534X	113365	AL9347X	112025	SR19X	111061	SR437X	111489
AL653X	110986	AL9348X	112025	SR205X	110367	SR4405X	113402
AL6541X	113607	AL9360X	112683	SR211X	110149	SR443X	112986
AL6551X	111388	AL951X	110937	SR214X	110585	SR4500X	110394
AL656X	112447	AL952X	112260	SR215X	111066	SR4501X	110394
AL65X	110923	AL953X	112262	SR219X	110866	SR4502X	111310
AL662X	110984	AL9909X	111843	SR22	110996	SR4504X	110394
AL668X	110500	AL9915X	110105	SR223X	111386	SR4506X	111475
AL66X	112734	AL9937X	111232	SR224X	110397	SR454X	110587
AL675X	111090	AL9940X	112170	SR2262X	111608	SR45X	111851
AL676X	110498	AL9941X	112773	SR2265X	112368	SR46V	111347
AL677X	111220	AL9942X	111215	SR2267X	111312	SR46X	111347
AL67X	110923	AL9948X	112170	SR2268X	111382	SR47V	112440
AL683X	111090	AL9959X	111888	SR2271X	113045	SR47X	111065
AL69X	111139	AL9970X	111713	SR2273X	111023	SR48X	110862
AL70X	111085	S-2X	111103	SR228X	110713	SR5002N	111404
AL74X	110735	S-9329	113398	SR231X	111544	SR5034N	111015
AL7521X	112921	SR0402X	111748	SR239X	110809	SR5035X	111485
AL7523X	112924	SR0403X	111749	SR24X	110824	SR5037X	113668
AL7524X	112927	SR0405X	112166	SR257X	110386	SR5038X	110292
AL7525X	112932	SR0406X	110865	SR258X	111459	SR5040X	110617
AL7529X	112936	SR0408X	111900	SR265X	110709	SR5041X	110856
AL7534X	112933	SR0409X	111900	SR269X	110708	SR5050N	111334
AL7536X	112939	SR0412X	112131	SR278X	110578	SR506X	110229
AL7538X	112944	SR0413X	112309	SR280X	111442	SR509X	110228
AL7540X	112943	SR0416X	112321	SR281X	110312	SR513X	110227
AL7541X	112942	SR0417X	111817	SR282X	110154	SR515X	110216
AL7543X	112946	SR0418X	111900	SR283X	111546	SR516X	112897
AL7546X	112940	SR0424X	111909	SR284X	111543	SR518X	110216
AL7550X	112936	SR0438X	111489	SR28X	111069	SR520X	110218
AL80X	110358	SR0445X	111911	SR294X	110808	SR521X	112897
AL82X	111096	SR0456X	111347	SR297X	110810	SR523X	110414
AL8560X	110235	SR0457X	111851	SR298X	110811	SR524X	110414
AL8566X	112980	SR0458X	111851	SR30X	110824	SR525X	110221
AL8567X	112893	SR0463X	113282	SR3235	110411	SR526X	110216
AL8577X	112893	SR0476X	110847	SR3235X	110411	SR52X	110337
AL8580X	112988	SR0483X	112818	SR3237X	113168	SR531X	110216
AL8582X	112893	SR100X	111425	SR3238X	113173	SR53X	110367
AL8590	110500	SR103X	110152	SR3240X	113169	SR544X	110221
AL8592X	110500	SR104X	110396	SR3241X	111784	SR547X	110216
AL8593X	110500	SR106X	110152	SR3242X	113169	SR548X	111786
AL8594X	110500	SR107X	110421	SR3245X	113119	SR551X	112963
AL8597	111854	SR109X	110396	SR3248X	111984	SR557X	110414
AL8598	110503	SR10X	111010	SR3250X	113109	SR558X	110221
AL8605X	110724	SR112X	110411	SR3251X	113108	SR561X	111490
AL8659X	110984	SR113X	110323	SR3252X	112033	SR565X	112911
AL8663X	111220	SR115X	110399	SR3254X	110323	SR566X	112910
AL8670X	110500	SR122X	110152	SR3256X	113171	SR572X	111127
AL8671X	110503	SR123X	110396	SR3258X	111550	SR576X	111034
AL8679X	111220	SR124X	110399	SR3259X	111550	SR577X	112341
AL8691X	112884	SR1286N	113408	SR3262	111783	SR580X	111456
AL8695X	112886	SR1286X	113408	SR3263X	110713	SR581X	111456
AL8697X	112888	SR128X	113097	SR32X	111270	SR587X	112267
AL86M	110913	SR1298X	113398	SR33X	111059	SR594X	110842
AL86X	110360	SR129X	111386	SR34X	111060	SR597X	112965
AL8700X	112613	SR1303X	110312	SR35X	111425	SR598X	112006
AL8701X	112614	SR1305X	110249	SR37X	110160	SR59X	110869
AL8702X	111223	SR1306X	113629	SR38X	111112	SR603X	112295
AL8706X	111712	SR1308X	113398	SR395X	111310	SR604X	111349
AL8712X	112615	SR1310X	113392	SR400X	110462	SR606X	111764
AL8717X	112868	SR1316X	113394	SR4107X	110315	SR607X	111490
AL87X	110899	SR131X	110277	SR4108X	110958	SR62X	110997
AL901X	110641	SR133X	110144	SR4109X	111307	SR6400X	113613
AL902X	111649	SR135X	110144	SR4116X	113020	SR6423X	113618
AL904X	111649	SR136X	110142	SR4119X	113638	SR6503X	111492
AL905X	110641	SR138FL	110256	SR4120X	113521	SR6504X	111764
AL906X	110105	SR138X	110155	SR4121X	113638	SR6506X	113044
AL910X	112742	SR140X	110280	SR4157X	111305	SR6508X	112845
AL911X	110890	SR141X	110277	SR4164X	111241	SR6512X	112846
AL913X	110882	SR145X	110280	SR4166X	111305	SR6518N	113116

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
SR6518X	113116	<b>BRIGGS &amp; STRATTON</b>		854670	113333	859471	110721
SR6519X	113114	296028	111388	855236	113333	859500	111286
SR6520X	112301	390555	111388	855508	113333	859506	111399
SR65X	110864	390838	110634	855689	111000	859534	111638
SR67X	110368	391178	111804	855698	113333	859535	110527
SR70X	110368	391423	110634	855705	110721	859536	110454
SR72X	110336	392749	110634	855707	113333	859537	110524
SR7515X	110807	393017	110635	855873	113334	859538	111640
SR7516X	112584	393499	112563	856766	111286	859539	110523
SR7520X	112030	394674	110635	857038	113333	859542	110518
SR7521X	111844	394805	110634	857039	113333	859544	111295
SR7522X	113222	394807	111804	857040	113333	859605	111295
SR7524X	111370	394808	110635	857042	113333	859673	110643
SR7527X	112592	394943	112563	857043	113333	859820	110895
SR7529X	112276	396306	111804	857044	113333	859839	111286
SR7530X	112340	399160	112563	857466	110205	859883	110442
SR7531X	111374	399169	112563	857468	110210	859970	111286
SR7533X	112646	399928	112242	857470	110206	859983	112803
SR7534X	112235	435307	110635	857472	110527	860052	111295
SR7538X	110808	453303	110634	857475	110113	860100	113389
SR7542X	111183	490420	112563	857479	110113	860104	110517
SR7544X	112600	490753	114520	857592	110643	860106	113380
SR7579X	111374	494148	112563	857594	110643	860109	110525
SR7586X	113703	494198	112563	857601	111296	860110	110980
SR8500X	112459	494490	112563	857606	110643	860115	110535
SR8527X	112911	494900	112563	857612	111295	860121	110208
SR8538X	113679	494990	112563	857621	111295	860123	111231
SR8540X	111127	495100	112242	857623	111296	860125	110582
SR8542X	112897	495920	112563	857626	111295	860130	110525
SR8543X	112904	497401	112563	857633	111295	860132	110210
SR8549X	112898	497594	110634	857638	111295	860134	112076
SR8551X	112912	497595	110634	857645	111296	860135	112345
SR8553X	112898	497596	110635	857663	113332	860140	110889
SR8555X	112898	498148	112242	857673	111286	860150	110077
SR8561X	112897	498149	114517	858085	111295	860151	112159
SR8573X	112911	499521	112563	858259	113333	860155	110116
SR8574X	112341	499529	112563	858318	111640	860166	111629
SR8580X	112900	691262	112563	858370	113333	860170	111629
SR8581X	112906	691564	113539	858371	113333	860304	112055
SR8583X	112907	693054	110634	858372	113333	860305	111910
SR86X	110838	693469	113539	858373	113333	860306	111886
SR87X	110858	693551	113853	858441	110721	860321	111982
SR901X	111755	693552	114519	858442	111000	860323	113342
SR911X	110522	795121	112563	858444	111000	860334	111000
SR912X	110536	808106	113539	858445	113333	860500	110205
SR913X	112670	825577	115319	858450	113333	860504	110208
SR914X	110529	844717	113539	858451	113333	860505	112119
SR915X	110524			858506	111000	860506	110210
SR916X	110531	<b>BUTEK</b>		858617	111286	860508	110206
SR917X	110534	110207	110207	858619	111296	860509	110981
SR918X	110537	585441	110721	858693	111295	860511	112116
SR91X	110338	850277	113333	858712	113333	860512	110980
SR920X	110512	850461	113334	858762	111574	860516	110582
SR921X	110512	850531	113334	858764	110454	860520	112507
SR923X	110525	850598	113334	858773	110116	860542	110538
SR924X	113465	850606	113333	858776	111355	860548	110214
SR925X	113464	850615	113334	858780	110524	860551	111746
SR926X	110536	850773	113334	858787	110968	860558	112159
SR950X	111000	850935	113333	858878	110980	860559	112561
SR954X	110347	850996	113334	858879	112119	860560	112076
SR955X	110436	850998	113334	858880	112345	860562	112803
SR956X	112089	851002	113333	858881	110205	860568	112493
SR957X	111000	851004	113333	858882	111834	860603	112656
SR963X	110999	851022	113334	858885	110077	860627	111295
SR97X	111120	851062	110721	858900	113333	860628	111295
SR9936X	110206	851078	111000	858979	111000	860629	111295
SR9943X	110627	851122	111000	859021	110981	860655	110535
SR9944X	110626	851124	110721	859022	111399	860714	114387
SR9946X	110486	851291	113334	859023	111568	860810	114296
SR9947X	110246	851339	111000	859284	110721	860822	114193
SR9948X	113725	851360	113334	859344	113333	869371	113342
SR9949X	110938	851450	113334	859385	110643	870604	113453
SR9942X	112555	851606	110643	859399	112656	870640	113453
SR9973X	112267	851738	113333	859411	111286	870643	110454
SR9974X	110485	852563	113333	859422	111097	870644	110449
SR9975X	110942	852741	113333	859432	111097	870645	112084
SR9976X	112007	854477	111295	859437	111295	870646	111024
SRX68	113845	854494	110643	859438	111295	870648	110566
		854667	113333	859440	111295	870649	112091

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>BUTEC</b> <i>Continued</i>							
870651	110998	MS3/51	113332	K308650	110462	225-3148	114387
870653	112090	MS3-502	113334	K956426	111364	225-3149	114388
870655	111097	MS4/400	112656	K957340	110818	225-3150	114268
870656	110452	MS4/401	111286	K957340EX	110818	234-4906	114271
870658	112091	MS4/405	111286	L72955	110300	235-3145	113967
870660	110566	MS4/406	111097	M41595	110766	249-3681	115326
870663	111097	MS4-401	111286	PBNA0103	110759	266-7226	114864
880624	111295	MS4-403K	111286	PO9415420	112170	2M1431	112254
880626	111295	MS4-406	111097	R39341	110627	2M1464	112254
880655	111295	MS7-410C	110347	<b>CATERPILLAR</b>			
858445/2	113333	<b>CARRIER</b>		25900	110999	2N5358	110436
858772Z	110043	29-50096	112249	86385	110075	2N5599	110233
859477B	110176	30-00171-00	110408	347205	110233	2P1204	110427
859477PB	110176	30-00171-11	110408	351940	110235	2P1698	110427
859490PB	110175	30-00228-00	110408	655293	113172	2P2501	110999
859839PB	111286	30-00306-00	110408	676375	110569	2P5113	110427
859866Z	110173	30-00306-02	110408	1005047	111261	2S0900	110999
869399Z	112656	30-00306-03	110408	1252988	114445	2S900	110999
880638Z	111808	30-00306-04	110408	2253145	113967	2S945	110075
A3024/13	110643	30-00306-05	110408	3127536	115389	32B66-00200	114169
A3024/30	110643	30-00308-00	112249	3E0079	110961	32B66-20100	114169
A302413	110643	30-00349-01	110371	OR1522	112260	3E1864	111224
A4024/15	110643	30-00351-00	110408	OR1903	114280	3E5127	110962
A5524/30	111295	30-00351-02	110408	OR2186	110999	3E5381	110944
A5524/37	111295	30-00351-03	110408	OR2187	111000	3E5382	113237
A5524/46	111295	30-00351-04	110408	OR2189	110436	3E7285	111888
A5524/49	111295	30-00351-05	110408	OR2190	111000	3E7863	112089
A5524/56	111295	30-00363-00	110371	OR2415	110591	3L8205	110347
A5524/58	111295	30-00363-03	110371	OR2698	110801	3N2702	110801
GR45/2	111286	30-00393-00	110371	OR2735	113695	3N2706	110801
LNA4024/0	110643	30-00393-02	110371	OR3653	113549	3P0006	110999
LNA4024/8	110643	30-00423-00	110371	OR3667	111261	3P0007	110999
LNA5524/0	111295	30-50307-00	110371	OR3669	111261	3P0110	110999
LNA5524/1	111295	30-60050-04	114084	OR4263	113695	3P3006	110999
LNA5524/2	111295	<b>CASE</b>		OR4316	110941	3P3007	110999
LNA7524	110173	2852405	114196	OR4321	114268	3R7356	110999
LNA7524/1	110173	2855914	114701	OR5202	112260	3T1888	111261
LNS2800	112267	8605784	114695	OR5203	112261	3T2579	110999
LNS2810	111041	86982709	113725	OR5206	111261	3T2646	111000
LNS2820	110602	87040161	114399	OR5207	110999	3T2647	110999
LNS2830	110590	87418226	114469	OR5208	110436	3T2649	111000
LNS4524	111286	87645567	114469	OR5209	111000	3T2650	111000
LNS4524/4	111097	185046380	114759	OR5213	110347	3T2652	110999
LNS4524/5	112656	114799A1	111885	OR5217	110801	3T2654	111000
LNS4524/6	111286	125849A1	112773	OR5218	110436	3T2655	110436
LNS4524/7	111097	125849A1R	112773	OR5219	110999	3T2657	110436
LNS4524/9	111399	1273112C91	110933	OR5270	110999	3T2660	110999
MS1	113333	193432A01	113429	OR5347	112089	3T2772	110999
MS1/100	110721	193432A1	113429	OR8279	112160	3T2775	112254
MS1/400A	110721	193432A2	113429	OR9700	114043	3T2780	110347
MS1/401A	111000	1964860C1	112493	OR9702	115323	3T2785	110347
MS1/410A	113333	1987559C1	113725	100-5045	111261	3T2787	110347
MS1/411AZ	111000	202360T91	112773	100-5046	111261	3T2788	112254
MS1/453	111100	202386T91	110436	100-8224	111793	3T2789	112089
MS1-100	110721	259720A1	114449	104-7040	113695	3T2879	112089
MS1-101	111000	3218239EX	110641	105-2811	114218	3T3152	111000
MS1-103	111000	3218544EX	112098	105-2812	114218	3T3153	111000
MS1-109	113333	3218577EX	111662	105-2813	114188	3T3154	112089
MS1-110	113333	3218884EX	110766	105-2814	114188	3T3155	110347
MS1-119	113333	3228193EX	111752	107-7977	112160	3T3158	110999
MS1-124	111000	3228193R91	111752	109-2362	113186	3T3159	110999
MS1-129	110721	3229193EX	111752	10R-1746	114271	3T3159	110999
MS1-130	113333	327121A1	112531	10R7946	114347	3T3159	110999
MS1-300C	110721	388187A3	114777	132-2156	112160	3T3159	110999
MS1-400A	110721	529965R92	112660	143-0541	114268	3T3159	110999
MS1-400C	110721	91448C2	112773	144-9954	114043	3T3159	110999
MS1-401	111000	92294C1	111364	144-9955	115323	3T3159	110999
MS1-401A	111000	957340EX	110818	147-7166	114280	3T3159	110999
MS1-401C	111000	A130672Z	111713	160-4648	114168	3T3159	110999
MS1-403A	111000	A169694	112169	167-7812	114864	3T3159	110999
MS1-409A	113333	A170746	113725	177-9953	114683	3T3159	110999
MS1A/12	110721	A186180	112135	185-5294	114813	3T3159	110999
MS1A/20	111000	A187623	111843	1L8174	111000	3T3159	110999
MS1A/25	111000	A187728	113429	1P7112	112254	3T3159	110999
MS3	113334	A187873	111888	200-8281	114271	3Y6691	110801
MS3/351A	113332	A231295A1	111355	207-1556	111000	3Y8200	110801
MS3/451A	113332	A49652	110300	207-1564	111000	3Y8852	110999
MS3/502	113334			225-3141	113763	4L9547	112089
MS3/503	113332			225-3147	114302	4N0241	114309
						4N0956	112089



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
4N0957	111000	7T9254	110436	1277640	111629	1320F035	110450
4N0959	110347	7X0994	113428	1277670	111833	1320F036	110450
4N3181	110999	7X1057	113172	1277680	112343	1320F114	110452
4N3182	110999	8C356	110436	1277690	111842	1320F182	110454
4N3273	112254	8C3592	112089	1277720	111842	1320F183	110454
4N3343	110347	8C3593	112089	1277750	112392	1320F513	110449
4N3347	110999	8C3596	110436	1285505	111808	1320F515	110449
4N3348	110999	8C3597	110999	1320015	110449	1320F515M	110450
4N3349	110347	8C3644	111000	1320023	110449	1320F552	112084
4N3350	110999	8C3645	111000	1320027	110449	1320F720	111024
4N3387	112254	8C3647	110999	1320029	110449	1320F810	110449
4N3986	112261	8C3648	110436	1320035	110450	1320F906	110452
4N4540	110138	8C3649	111000	1320036	110450	1320G027	110449
4N7901	110999	8C3650	110999	1320114	110452	1320G035	110450
4N8118	111000	8C3651	110999	1320183	110454	1320G036	110450
4N956	112089	8C4774	110944	1320510	110449	1320G114	110452
4N957	111000	8C5580	110436	1320513	110449	1320G183	110454
5A6494	110999	8H1813	111000	1320515	110449	1320G515	110449
5A6495	110999	8L5881	110436	1320552	112084	1320G552	112084
5A6522	110999	8L8205	110347	1320582	110452	1320G720	111024
5A8908	110801	8L8206	112089	1320702	111024	1320G906	110452
5L2537	111000	8N0999	110591	1320906	110452	1320G934	112248
5L2637	111000	8N1694	111190	1321021	110566	1320H027	110449
5L3648	110347	8N2145	110999	1321022	110566	1320H114	110452
5L4160	112089	8T4618	110961	1321023	110566	1320H183	110454
5L4168	112089	8T8619	110961	1321033	112091	1320H720	111024
5L4169	112089	9G4337	110999	1321182	110998	1320H906	110452
5L4405	110347	9G4339	110999	1321184	110998	1320H934	112248
5L5353	110347	9G5584	111000	1321511	110566	1321D033	112091
5L537	111000	9G5585	111000	1321513	110566	1321D551	112090
5L5667	112089	9G6078	110325	1321780	110527	1321D552	112090
5L5867	112089	9G6941	111224	1321916	111097	1321F022	110566
5L637	111000	9G8255	110801	1327010	110449	1321F033	112091
5L648	110347	9G9538	110591	1327011	110449	1321F183	110998
5LG48	110347	9L2507	112243	1327020	110450	1321F551	112090
5N5692	110801	9L3597	110436	1327060	110454	1321F780	110527
5R3155	110999	9L5938	112260	1327061	110454	1321F904	110527
5R3857	110999	9L6200	112089	1327090	111024	1321F916	111097
5S9088	111261	9L6463	112260	1327410	110566	1321F929	113453
5Z1083	110591	9L6464	110347	1327470	111097	1321G022	110566
6N1889	111000	9L6484	110347	1327471	111097	1321G033	112091
6N3122	111000	9L6691	111000	1327480	111097	1321G183	110998
6N3160	111000	9M1662	110999	1327490	110998	1321G551	112090
6N5217	110801	9N0435	111000	1327570	111798	1321G916	111097
6N5468	110427	9N0453	111000	1327571	111798	1321G934	112090
6N9249	110801	9N0716	112089	1327590	111097	1321G936	112372
6N9294	110801	9N0721	112089	1327591	111097	1321G938	113453
6N9667	110347	9N716	112089	1327620	111097	1321H022	110566
6N9677	110347	9S4070	110427	1327621	111097	1321H033	112091
6T0640	110347	9S4870	110427	1403000	110206	1321H183	110998
6T0647	110347	9S6693	111261	2311040	110347	1321H936	112372
6T1193	110235	9W0058	110436	2311210	110205	1327A010	110449
6T1395	113549	9W2946	113237	2996101	110527	1327A011	110449
6T7001	110941	9W3043	111834	2998000	110525	1327A020	110450
6T7223	111261	9W3748	110944	2998001	110524	1327A021	110450
6V0890	110347	9X0341	111843	2998002	111638	1327A024	110450
7C2264	110961	9X0354	114309	2998003	111636	1327A030	112084
7G7889	112989	9X1270	112327	2998004	110527	1327A031	112084
7L8797	111000	OR19071	114813	2998006	110214	1327A060	110454
7N0923	111224	OR4263	113695	2998007	110531	1327A061	110454
7N4784	111796	OR4321	114268	2998008	110207	1327A080	112248
7N4787	111796	OR4843	114683	2998009	110209	1327A081	112248
7N6118	111796	OR9705	114168	2998010	110210	1327A090	111024
7N6503	110436	OR9938	114864	2998011	110206	1327A091	111024
7N8404	111190	PX0341	111843	2998054	110112	1327A120	110452
7N8405	112007	SL8206	112089	2998055	110116	1327A121	110452
7N9720	110801	<b>CAV</b>		2998056	110043	1327A141	112579
7S5897	110427	1266450	111295	2998150	111000	1327A410	110566
7T0794	111000	1266530	111295	2998200	110529	1327A411	110566
7T0798	110999	1266720	111295	2998201	110518	1327A421	110566
7T0799	110999	1268580	111295	2998230	112097	1327A430	112091
7T0800	111000	1268590	111295	1268590C	111295	1327A431	112091
7T0801	111000	1268590	111295	1268590M	111295	1327A440	112090
7T0806	111000	1268610	111295	1268600M	111295	1327A441	112090
7T1081	110436	1268620	111295	1268630M	111295	1327A470	111097
7T1082	110999	1268650	111295	1320D183	110454	1327A471	111097
7T1799	110999	1268660	111295	1320F022	110449	1327A481	111097
7T2095	113549	1268690	111295	1320F027	110449	1327A490	110998
7T2265	110436	1277610	112392	1320F028	110449	1327A491	110998

Cross reference list

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	
<b>CAV Continued</b>								
1327A500	112372	CA45G12-3M	110450	96540542	114412	4609075	113027	
1327A501	112372	CA45G12-51	110449	96566262	111847	4609101	111529	
1327A570	111798	CA45G12-55M	112084	96567255	114114	4609125	111529	
1327A571	111798	CA45G12-72	111024	96647521	114503	4609300	113027	
1327A591	111097	CA45G12-95	110452	96652100	115366	4609320	111529	
1327A600	112027	CA45G12-95M	110452	96838439	114412	04609345	114328	
1327A601	110207	CA45G24-112	111097	96843578	111123	4609345	114328	
1327A620	111097	CA45G24-124M	112090	96843581	114503	04609346	113242	
1327A690	113453	CA45G24-125M	112372	96866020	114235	4609346	113242	
1327A691	113453	CA45G24-12M	113453	96943429	113860	4609415	113067	
132D906	110452	CA45G24-18	110998	96952005	111123	4609999	113365	
132F906	110452	CA45G24-2	110566	96952006	111123	4671041	111530	
132F916	111097	CA45G24-3M	112091	96952007	111848	4671084	111456	
132G906	110452	CA45G24-55M	112090	96954113	114412	4671130	111425	
AC203R11524-12	111808	CA45H12-11M	110452	96963482	111849	4671320	113069	
AC5RS-24	111295	CA45H12-125M	112248	96963483	113860	4686019	111815	
CA4512-11	110452	CA45H12-18	110454	<b>CHRYSLER</b>				
CA4512-18	110454	CA45H12-2	110449	480955	110636	4686045	111492	
CA4512-2	110449	CA45H12-3M	110450	616955	110636	4686098	112583	
CA4512-3	110450	CA45H12-72	111024	2095150	110223	4686099	113235	
CA4512-51	110449	CA45H24-125M	112372	2095150	110223	4686106	111530	
CA4512-51A	110449	CA45H24-18	110998	2098500	110223	4686109	111492	
CA4512-72	111024	CA45H24-2	110566	2642121	110074	04686512	114294	
CA4512-Y3M	110450	CA45H24-3M	112091	2875560	110223	4686512	114294	
CA45-12Y72	111024	S1115A12-3	110450	2875844	110074	4727036	111814	
CA4524-112	111097	S11424-18	111798	3000010	110074	4727206	112195	
CA4524-18	110998	S11512-2	111024	3000011	110074	4727220	112583	
CA4524-2	110566	S11512-3M	110450	3131371	110231	4727221	113235	
CA45C12-18	110454	S11512-9	110454	3131372	110231	04727325	113235	
CA45C12-51	110454	S11524-1	110566	3182774	110509	4727325	113235	
CA45C24-2	110566	S11524-18X	111578	3438176	110236	4727329	113235	
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CA45D12-2	110449	S11524-20	111097	3438178	110236	4746639	113114	
CA45D12-2M	110449	S11524-20X	111097	3438179	110236	04793110	111396	
CA45D12-3	110450	S11524-23	111097	3438180	110236	4793110	111396	
CA45D12-51	110449	S11524-23X	111097	3514308	110236	4793189	111530	
CA45D12-55M	112084	S11524-4M	112090	3621860	110236	4793190	111530	
CA45D12-72	111024	S11524-7	111097	3621861	110236	4793210	111396	
CA45D12-95M	110452	S11524-7X	111097	3621866	110236	04793493	113613	
CA45D12-Y51	110449	S11524-8	111097	3621867	110236	4793493	113613	
CA45D24-18	110998	S11524-9	110998	3656130	110236	4793692	113360	
CA45D24-2	110566	S115A12-1	110449	3656131	110236	4796981	112301	
CA45D24-3M	112091	S115A12-11M	112248	3656395	110236	4864441	114828	
CA45D24-55	112090	S115A12-12	111024	3656397	110236	5206971	110514	
CA45F12-11M	110452	S115A12-15M	110452	3656455	110236	5206981	110514	
CA45F12-18	110454	S115A12-2	111024	3656459	110236	5213053	110514	
CA45F12-2	110449	S115A12-3M	110450	3656570	110236	5213079	110514	
CA45F12-3	110450	S115A12-4M	112084	3656575	110223	5213540	110514	
CA45F12-3M	110450	S115A12-9	110454	3656650	110223	5213541	110514	
CA45F12-51	110449	S115A24-1	110566	3755250	110222	5213762	110514	
CA45F12-51A	110449	S115A24-11M	112372	3755259	110223	5213763	110514	
CA45F12-55M	112084	S115A24-18	111798	3755413	110236	5226135	110514	
CA45F12-72	111024	S115A24-20	111097	3755900	110223	5226444	111425	
CA45F12-95M	110452	S115A24-21	110207	3780589	110236	5226842	111425	
CA45F12-Y11M	110452	S115A24-23	111097	3856713	110236	5226844	111764	
CA45F12-Y18	110454	S115A24-29	111097	3874777	110236	5226948	111456	
CA45F12-Y2	110449	S115A24-30M	113453	4091950	110222	5227248	111456	
CA45F12-Y3M	110450	S115A24-3M	112091	4091975	110223	5227282	111425	
CA45F12-Y51	110449	S115A24-4M	112090	4111860	110222	5227342	111425	
CA45F12-Y72	111024	S115A24-7	111097	4145360	110222	5227548	111456	
CA45F12-Y81	110449	S115A24-8	111097	4145568	110222	5233006	111425	
CA45F12-Y83	110454	S115A24-9	110998	4349144	111764	5233007	111425	
CA45F24-112	111097	S115HD24-1	110206	4379143	111764	5233416	111193	
CA45F24-121	113453	S130L24-21	110205	4379144	111456	5233608	113051	
CA45F24-18	110998	Z1320F183	110454	4379160	111764	5233718	111193	
CA45F24-2	110566	Z1320F515	110449	4419308	111425	5234026	111193	
CA45F24-3M	112091	Z1320F720	111024	4419311	111425	5234027	111193	
CA45F24-47	110566	<b>CHEVROLET</b>				4419312	5234029	113055
CA45F24-55	112090	219251	114114	4419340	111456	5234031	111193	
CA45F24-55M	112090	25187951	113860	4467185	111456	5234032	113056	
CA45F24-Y2	110566	96289030	114114	4557209	111425	5234199	111194	
CA45F24-Y55M	112091	96289430	113860	4557284	111456	5234208	113058	
CA45F24-Y78	110527	96314258	114114	4557384	111456	5234509	111492	
CA45G12-11M	110452	96450663	111848	4557466	111396	5234648	111456	
CA45G12-124M	112084	96469962	113860	4557468	111396	5334509	111492	
CA45G12-125M	112248	96469963	111684	457709	111492	33002709	111349	
CA45G12-18	110454	96473777	111848	4609003	112447	33002941	112447	
CA45G12-2	110449	96540541	114350	4609011	112845	35532045	114233	
CA45G12-3	110450			4609058	112846	38522276	114243	

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
38522303	112420	4801472AA	114878	<b>CUMMINS</b>		3920617	112160
44193080	111456	4801516AA	115420	111640	110801	3920618	112160
53002898	110986	4868429AB	114011	157579	110436	3920643	113725
53005984	111764	4868429AC	114011	185617	110436	3920678	112170
56004934	113044	4868429AD	114011	195827	112089	3920679	111888
56005684	111193	4868430AB	113803	195828	112089	3921012	113429
56005685	113063	4868430AC	113803	195829	112089	3921682	113114
56007912	112833	4868430AD	113803	195830	112089	3923550	110801
56026851	111114	4868430AE	113803	195833	112089	3923624	112493
56027317	111349	4868430AF	113803	195834	112089	3926932	111760
56027350	111490	4868860AA	113977	195835	112089	3926960	113725
56027702	113116	4883447AA	114233	197125	110436	3934119	114282
56027904	112301	5033125AB	114237	203176	111261	3935070	112267
56027912	112833	5033125AA	114144	203179	111261	3935530	112160
56027913	113071	5033133AB	113613	213298	112260	3947412	113001
56041012	111349	5033133AC	113613	213299	112260	3957592	114340
56041013	112301	5033133AA	113613	214169	110300	3957593	114282
56041014	111349	5033440AC	114217	214318	110591	3964428	113725
56041207	113618	5033440AA	114217	554560	110436	3965282	114326
56041324	113559	5033556AB	113613	2031179	111261	3971614	115352
59005685	113063	5033556AC	113613	3004699	112254	3975137	112372
560277002	113116	5033556AA	113613	3004700	112254	4063829	114396
04606755AC	114511	5033757AB	113884	3008988	112262	4081235	110347
04609300AC	113027	5073920AB	114210	3016627	110801	4100763	115386
04609346AB	113242	5073920AC	114210	3016628	112989	4934036	114326
04685664AC	114294	5073920AA	114210	3021036	111000	4992135	114702
04686045AB	114135	5080464AB	114663	3021038	110347	30000347	110173
04686045AC	114135	5170746AA	113607	3043007	112255	87419387	113429
04727313AB	114283	54041012AC	111349	3043008	112255	504065529	110175
04727313AC	114283	56005685AB	113063	3043010	112243	3000347RX	112261
04727313AA	114283	56005685AC	113358	3056492	112265	3010125RX	110347
04801250AB	114042	56021012AB	111349	3062333	112264	3016627RX	110801
04801250AC	114042	56027221AB	113362	3072483	112265	3575205RX	110485
04801250AD	114042	56027702AB	113120	3078116	110591	3603848RX	111261
04801250AA	114042	56027702AC	113120	3102767	114013	3603851RX	112260
04801472AA	114878	56029700AA	113607	3103304	113550	3603852RX	112303
04801516AA	115420	56041012AB	111349	3103915	113550	3603853RX	110300
04868429AB	114011	56041012AE	111349	3103916	114330	3603854RX	112262
04868429AC	114011	56041013AB	114238	3103952	111000	3603857RX	110957
04868429AD	114011	56041021AD	111349	3251135	112160	3603858RX	110957
04868430AB	113803	56041136AB	113642	3255439	110895	3603859RX	110957
04868430AC	113803	56041207AB	113618	3279496	110436	3603860RX	110177
04868430AD	113803	56041207AC	113618	3282554	111843	3603862RX	111000
04868430AE	113803	56041207AD	113618	3282626	114693	3603863RX	112089
04868430AF	113803	56041324AC	113559	3283214	112544	3603864RX	110436
04868860AA	113977	56041394AA	111194	3283329	112267	3603865RX	112258
05033125AB	114237	56041578AD	114377	3283329	112267	3603868RX	110347
05033125AA	114144	56041578AE	114377	3283721	114397	3603888RX	110347
05033163AC	113613	56041579AB	114279	3283812	111885	3604225RX	110591
05033440AC	114217	56041641AC	113642	3283813	113429	3604233RX	110999
05033440AA	114217	56041641AD	113642	3283814	112544	3604234RX	110957
05033556AB	113613	56041693AB	113607	3284392	112170	3604321RX	111000
05033556AA	113613	56041693AC	113607	3604648	112267	3604323RX	110436
05033757AB	113884	56041693AA	113607	3604654	113452	3604473RX	112989
05033757AA	113884	56041822AA	113358	3610942	112089	3604475RX	110505
05073920AB	114210	<b>CITROËN → PEUGEOT</b>		3675245	113429	3604476RX	110952
05073920AC	114210	<b>CLARK</b>		3864990	114396	3604481RX	112267
05073920AA	114210	807950	110947	3901365	112267	3604482RX	112267
05080464AB	114663	896892	110175	3901386	112267	3604483RX	112255
05080464AD	114663	911410	110947	3904445	112267	3604484RX	110999
38522237F	114828	918306	113668	3904466	113725	3604485NW	113725
38522255F	114828	920670	111272	3905480	112267	3604485RX	113725
38522264F	113235	2355692	111190	3907622	110436	3604660NW	113725
38522267F	114300	2355695	110942	3908594	112169	3604663RX	110233
38522276F	114243	2817056	111699	3909913	112267	3604666AX	112824
4606755AC	114511	3737270	111793	3910564	112372	3604666RX	112993
4609300AC	113027	6632415	110942	3910643	112255	3604669RX	110499
4609346AB	113242	<b>CLAAS</b>		3910644	112243	3604676RX	110801
4609999AB	113365	1053560	110525	3910645	110436	3604684RX	113114
4686045AB	114135	1322450	110537	3911343	114420	3604784RX	110999
4686045AC	114135	1326150	110537	3916854	112267	3675121RX	112255
4686512AC	114294	6853810	110525	3918376	113452	3675147RX	110488
4727313AB	114283	7901820	111649	3918377	111760	3675154NW	113725
4727313AC	114283	7983020	115326	3918558	112993	3675154RX	113725
4727313AA	114283			3920328	113429	367520RX	111760
4727325AA	113235			3920329	112544	3675242RX	112160
4727329A	113235			3920403	113725	3675247RX	112544
4727329AA	113235			3920615	111232	604662RX	112544
4793692AB	113360			3920616	111232	C4992135	114702
						CCA0220	110175

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>CUSHMAN</b>		1357593	112159	28100-87715-000	111548	021000-1320	110138
888919	110421	1368327	113284	28100-87729-000	111548	021000-1321	110138
		1377860	113284	28100-87730-000	111548	021000-1322	110138
<b>DAEWOO</b>		1387383	113760	28100-87731-000	111548	021000-1330	110138
219170	114114	1387388	114036			021000-1331	110138
219232	113685	1400520	114036	<b>DELCO REMY → REMY</b>		021000-1332	110138
219251	114114	1401948	114036	<b>DENSO</b>		021000-1340	110138
25026005	113457	1516445	111902	0726801000	111865	021000-1342	110138
25026006	113458	1604246	113934	021000-0046	110138	021000-1343	110138
96190262	113349	1626130	114089	021000-0047	110138	021000-1361	110138
96206871	113498	1633811	114069	021000-0064	110138	021000-1362	110138
96208782	111864	1649066	114314	021000-0081	110137	021000-1363	110138
96221945	113498	1667205	113934	021000-0124	110137	021000-1370	110138
96252115	113498	1667425	114073	021000-0132	110138	021000-1602	110137
96258990	113349	1688625	114073	021000-0133	110138	021000-1608	110137
96275481	111849	1688720	113934	021000-0134	110138	021000-1800	110138
96288095	113349	1697022	113284	021000-0140	110248	021000-1830	110138
96289030	114114	1697023	113284	021000-0160	110137	021000-1840	110138
96289430	113860	1697024	113284	021000-0180	110138	021000-1860	110138
96300550	113350	1697321	113284	021000-0183	110138	021000-1861	110138
96303556	113350	1697322	113284	021000-0184	110138	021000-1870	110138
96314258	114114	1725900	114069	021000-0186	110138	021000-1871	110138
96325258	111849	1735788	112055	021000-0187	110138	021000-1970	110138
96380673	114114	1739935	114073	021000-0240	110138	021000-2490	110137
96404263	111847	1739936	113934	021000-0247	110138	021000-2500	110137
96430344	111123	1826120	114069	021000-0249	110137	021000-2640	110138
96430345	111848	1826121	114073	021000-0250	110137	021000-2840	110258
96450663	111848	1843852	114073	021000-0296	110137	021000-2960	110137
96467385	111849	1876369	114073	021000-0318	110138	021000-2990	110137
96469960	111123	1956090	115511	021000-0320	110882	021000-2991	110137
96497700	111849			021000-0327	110138	021000-3030	110138
96497702	113860	<b>DAIHATSU</b>		021000-0340	110138	021000-3040	110137
96518124	114114	27020-13010-000	110138	021000-0351	110137	021000-3061	110137
96518887	111849	27020-15022-000	110273	021000-0360	110138	021000-3180	110138
96540541	114350	27020-22011-000	110137	021000-0361	110138	021000-3180	110138
96540542	114412	27020-24061-000	110138	021000-0362	110138	021000-3500	110138
96550782	111684	27020-24062-000	110138	021000-0363	110138	021000-3520	110258
96566261	111847	27020-26021-000	110138	021000-0364	110138	021000-3541	110138
96566262	111847	27020-31051-000	110137	021000-0369	110138	021000-3600	110138
96567255	114114	27020-72030-000	110248	021000-0370	110138	021000-3610	110138
96569440	111849	27020-87102-000	110137	021000-0371	110138	021000-3620	110138
96618789	111849	27020-87103-000	110137	021000-0372	110138	021000-3630	110138
96652100	115366	27020-87209-000	110137	021000-0426	110138	021000-3640	110138
96943428	111849	27020-87216-000	110258	021000-0441	110248	021000-3641	110138
65.26201-7039	111683	27060-87112-000	111437	021000-0457	110137	021000-3660	110138
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65.26201-7049	113456	27060-87202-000	111048	021000-0460	110138	021000-3690	110138
65.26201-7050	112344	27060-87211-000	111951	021000-0461	110138	021000-3700	110138
65.26201-7059	111683	27060-87212-000	111951	021000-0462	110138	021000-3710	110138
<b>DAF</b>		27060-87402	114708	021000-0470	110138	021000-3720	110138
181991	113477	27060-87402-000	114708	021000-0472	110138	021000-3721	110138
266679	113488	27060-87501-000	111048	021000-0501	110138	021000-3731	110138
289183	112055	27060-87502-000	111048	021000-0503	110137	021000-3760	110138
0365211	110981	27060-87512-000	111437	021000-0505	110138	021000-3780	110138
365211	110981	27060-87601-000	111437	021000-0506	110138	021000-3790	110138
369847	114745	27060-87602-000	111437	021000-0507	110138	021000-4271	110563
371963	111146	27060-87603-000	111610	021000-0508	110138	021000-4510	110563
636247	111146	27060-87608-000	111610	021000-0509	110138	021000-4550	110258
666754	112343	27060-87701-000	110374	021000-0511	110138	021000-4570	110137
1201327	111399	27060-87704-000	110374	021000-0513	110138	021000-4590	110137
1232608	113488	27060-87705-000	110374	021000-0516	110138	021000-5010	110138
1244090	112343	27060-87707-000	111278	021000-0518	110138	021000-5011	110138
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1274480	110895	27060-87721-000	111610	021000-0591	110138	021000-5040	110138
1284775	112581	27060-87721-000	111610	021000-0591	110138	021000-5046	110138
1287890	112055	27060-87802-000	115319	021000-0642	110138	021000-5050	110138
1298995	112159	27060-97203-000	113306	021000-0810	110138	021000-5051	110138
1317220	112581	27060-97705-000	110374	021000-0811	110138	021000-5060	110138
1340893	112196	28100-72010-000	110397	021000-0812	110138	021000-5070	110138
1340895	111637	28100-72080-000	110397	021000-0813	110138	021000-5080	110138
1346162	112055	28100-87316-000	111525	021000-0814	110138	021000-5100	110138
1350515	110895	28100-87401-000	112369	021000-1080	110138	021000-5111	110138
1357210	112581	28100-87526-000	111088	021000-1081	110138	021000-5112	110138
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1357592	110895	28100-87603	111464	021000-1084	110138	021000-5141	110138
		28100-87603-000	111464	021000-1240	110137	021000-5150	110138
		28100-87709-000	111447	021000-1241	110137	021000-5160	110138
				021000-1242	110137	021000-5180	110138
						021000-5190	110248

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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021000-5280	110138	028000-1740	110152	028000-4341	110396	028000-6460	114336
021000-5290	110138	028000-1850	110421	028000-4342	110396	028000-6510	110402
021000-5410	110138	028000-1940	110396	028000-4343	110396	028000-6511	110402
021000-5411	110138	028000-1941	110396	028000-4440	110152	028000-6540	111451
021000-5490	110137	028000-1970	110154	028000-4490	110152	028000-6550	111451
021000-5600	110137	028000-1971	110154	028000-4491	110152	028000-6560	113428
021000-5670	110258	028000-1972	110154	028000-4510	110411	028000-6561	113428
021000-5900	110138	028000-1973	110154	028000-4511	110411	028000-6800	110152
021000-5910	110138	028000-1974	110154	028000-4512	110411	028000-6801	110152
021000-5950	110138	028000-1975	110154	028000-4520	111021	028000-6802	110152
021000-5960	110138	028000-1976	110154	028000-4532	110396	028000-6803	110152
021000-6110	110138	028000-2000	110152	028000-4730	110940	028000-6810	110152
021000-6120	110273	028000-2001	110152	028000-4750	110152	028000-6811	110152
021000-6370	110258	028000-2150	110421	028000-4810	110154	028000-6812	110152
021000-6510	110138	028000-2151	110421	028000-4811	110154	028000-6813	110152
021000-6670	110273	028000-2240	110421	028000-4812	110154	028000-6820	110154
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021000-6840	110258	028000-2260	110444	028000-5040	111224	028000-6823	110154
021000-6850	110137	028000-2261	110396	028000-5200	110831	028000-6860	110708
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021000-7260	110138	028000-2571	110152	028000-5401	110336	028000-6882	110708
021000-7410	110445	028000-2572	110152	028000-5410	110336	028000-6890	110708
021000-7420	110445	028000-2660	110152	028000-5490	113428	028000-6891	110708
021000-7910	110273	028000-2661	110152	028000-5570	114336	028000-6892	110708
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021000-7931	110138	028000-2665	110152	028000-5730	110485	028000-6920	111224
021000-7932	110138	028000-2670	110152	028000-5740	110421	028000-6921	111224
021000-7940	110138	028000-2680	110152	028000-5800	110486	028000-7000	111683
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021000-7971	110138	028000-2682	110152	028000-5821	110411	028000-7002	111683
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021000-8021	110138	028000-3004	110152	028000-5861	110490	028000-7110	111053
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021000-8120	110137	028000-3006	110152	028000-5863	110490	028000-7120	111053
021000-8130	110258	028000-3090	110396	028000-5864	110490	028000-7121	111053
021000-8140	110258	028000-3100	110396	028000-5880	110627	028000-7131	113199
021000-8160	110258	028000-3290	111224	028000-5881	110627	028000-7132	113199
021000-8230	110273	028000-3291	111224	028000-5882	110627	028000-7133	113199
021000-8231	110273	028000-3292	111224	028000-5883	110627	028000-7240	110581
021000-8270	110248	028000-3295	111224	028000-5884	110627	028000-7241	110581
021000-8271	110248	028000-3360	110245	028000-5890	110581	028000-7242	110581
021000-8310	110248	028000-3361	110245	028000-5891	110581	028000-7307	111387
021000-8311	110248	028000-3500	110421	028000-5900	110260	028000-7370	111387
021000-8420	111796	028000-3501	110421	028000-5901	110260	028000-7372	111387
021000-8620	110258	028000-3600	110396	028000-5960	114309	028000-7373	111387
021000-8640	110258	028000-3601	110396	028000-5961	114309	028000-7430	113429
021000-8680	110137	028000-3602	110396	028000-5992	110411	028000-7431	113429
021000-9510	110374	028000-3603	110396	028000-6000	110399	028000-7460	110421
021000-9560	110137	028000-3604	110396	028000-6001	110399	028000-7461	110421
021000-9561	110137	028000-3650	114309	028000-6010	110490	028000-7462	110421
021000-9851	111613	028000-3700	110152	028000-6011	110490	028000-7470	110421
021000-9930	111613	028000-3710	110152	028000-6012	110490	028000-7471	110421
021000-9980	111484	028000-3730	110402	028000-6013	110490	028000-7480	110245
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02131-9131	114827	028000-3800	110421	028000-6140	110246	028000-7520	110154
02131-9212	114287	028000-3830	110421	028000-6200	110580	028000-7521	110154
02131-9221	114662	028000-3950	110152	028000-6201	110580	028000-7530	110152
02131-9261	114509	028000-3960	110152	028000-6202	110580	028000-7550	110411
028000-0197	110154	028000-4000	110411	028000-6250	110940	028000-7560	110260
028000-0370	110152	028000-4001	110411	028000-6260	110720	028000-7561	110260
028000-0510	110260	028000-4020	110411	028000-6261	110720	028000-7570	110411
028000-0960	110941	028000-4021	110411	028000-6290	110473	028000-7620	110396
028000-1010	110154	028000-4022	110411	028000-6291	110473	028000-7621	110396
028000-1011	110154	028000-4023	110411	028000-6292	110473	028000-7640	110485
028000-1012	110154	028000-4024	110411	028000-6300	111548	028000-7660	110708
028000-1013	110154	028000-4200	110720	028000-6360	110399	028000-7680	110831
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028000-1081	110154	028000-4270	110152	028000-6362	110399	028000-7711	110336
028000-1082	110154	028000-4330	110152	028000-6420	110152	028000-7790	111683
028000-1083	110154	028000-4331	110152	028000-6421	110152	028000-7791	111683
028000-1623	110396	028000-4332	110152	028000-6422	110152	028000-7792	111683

Cross reference list

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>DENSO</b> <i>Continued</i>							
028000-7800	114711	100210-2980	111596	100211-1573	110967	100211-3401	110496
028000-7801	114711	100210-2991	111613	100211-1600	110628	100211-3500	110496
028000-7802	114711	100210-3080	114288	100211-1601	110628	100211-3501	110628
028000-7803	114711	100210-3270	111483	100211-1610	111048	100211-3530	110496
028000-7810	110581	100210-3350	111483	100211-1611	111048	100211-355	113077
028000-7830	110938	100210-3360	111483	100211-1620	111616	100211-3550	113077
028000-8070	110708	100210-3400	111483	100211-1630	111048	100211-3551	113077
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028000-8072	110708	100210-3580	111483	100211-1650	111048	100211-3590	111578
028000-8220	113097	100210-3660	112054	100211-1660	110620	100211-3591	111578
028000-8221	113097	100210-3680	111483	100211-1661	110620	100211-3600	111578
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028000-8401	110942	100210-4520	114828	100211-2021	111705	100211-3760	110496
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028000-8570	111451	100211-0281	110445	100211-2102	110675	100211-4002	110564
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028000-8721	114103	100211-0291	110445	100211-2120	110967	100211-4004	110564
028000-8730	110402	100211-0292	110445	100211-2170	110678	100211-4070	110965
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028000-8761	111387	100211-0860	110801	100211-2221	110679	100211-4080	110374
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028000-9010	110154	100211-1001	111705	100211-2250	111428	100211-4170	110628
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028000-9031	111197	100211-1030	111428	100211-2300	110496	100211-4200	110564
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100210-2302	111596	100211-1410	110965	100211-3310	111609	100211-5250	111601
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100210-2660	114288	100211-1500	111428	100211-3351	110682	100211-6030	111215
100210-2700	114288	100211-1550	110965	100211-3352	110682	100211-6031	111215
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100210-2860	111613	100211-1570	110967	100211-3380	110683	100211-6050	111215
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## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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100211-6350	113085	100211-8330	111435	100213-2400	111963	101211-0432	111518
100211-6360	112102	100211-8340	111435	100213-2440	111960	101211-0480	112063
100211-6390	113090	100211-8370	112746	100213-2450	111960	101211-0510	111517
100211-6410	112181	100211-8380	111538	100213-2460	111960	101211-0521	112357
100211-6420	111830	100211-8381	111538	100213-2470	111963	101211-0522	112357
100211-6440	113090	100211-8392	111536	100213-2471	111963	101211-053	113091
100211-6600	110967	100211-8410	111781	100213-2480	111963	101211-0530	113091
100211-6640	111278	100211-8440	111538	100213-2500	111963	101211-0540	112358
100211-6660	111437	100211-8470	111435	100213-2520	111960	101211-0541	112358
100211-6710	110967	100211-8490	111536	100213-2530	114300	101211-0542	112358
100211-672	110967	100211-8540	113636	100213-2560	114371	101211-0543	112358
100211-6720	110967	100211-8590	111435	100213-2580	111963	101211-0545	112358
100211-6721	110967	100211-8810	111435	100213-2630	114386	101211-0551	111779
100211-6730	111437	100211-8860	111482	100213-2660	111960	101211-0560	112531
100211-6780	114515	100211-8861	111482	100213-2750	114386	101211-0570	112063
100211-6790	111278	100211-8960	112557	100213-2790	114386	101211-0580	111537
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100211-7050	110682	100213-0220	114203	101210-1081	114806	101211-1170	113742
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100211-7210	113631	100213-0300	110684	101210-1181	113720	101211-1360	113921
100211-7340	111285	100213-0610	110684	101210-1190	113722	101211-1361	113921
100211-7440	111428	100213-0750	110684	101210-1191	113722	101211-1380	113742
100211-745	110675	100213-0760	110684	101210-1210	113721	101211-1390	115342
100211-7450	110675	100213-0770	114203	101210-1211	113721	101211-2100	111610
100211-7460	111480	100213-0790	114203	101210-1380	114706	101211-2120	110967
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100211-7570	113077	100213-0941	111605	101210-1410	114099	101211-2240	114218
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100211-7640	111435	100213-1011	111605	101210-1530	113536	101211-2730	113306
100211-7670	111435	100213-1050	111605	101211-0030	111609	101211-2731	113306
100211-7760	111432	100213-1120	110686	101211-0033	111609	101211-2750	113306
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100211-7950	110683	100213-1910	111601	101211-0182	111579	101211-3410	114263
100211-7951	110683	100213-1911	111601	101211-0240	111285	101211-3450	114708
100211-7952	110683	100213-1920	111960	101211-0250	111285	101211-3451	114708
100211-8030	110682	100213-1930	114369	101211-0270	112360	101211-3580	114725
100211-8031	110682	100213-2240	111963	101211-0271	112360	101211-3720	114411
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100211-8060	111538	100213-2250	111963	101211-0340	111518	101211-3722	114411
100211-8070	111428	100213-2270	114386	101211-0341	111518	101211-3723	114411
100211-8090	111705	100213-2272	114386	101211-0342	111518	101211-3770	111437

Cross reference list

## STARTERS & ALTERNATORS



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>DENSO</b> <i>Continued</i>							
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101211-4131	..114362	102211-0750	..114273	102211-8030	..112143	104210-3252	..114115
101211-4160	..111517	102211-0770	..113902	102211-8031	..112143	104210-3290	..114272
101211-4161	..111517	102211-0780	..113902	102211-8040	..111795	104210-3291	..114272
101211-4280	..114256	102211-0830	..114403	102211-8041	..111795	104210-3292	..114272
101211-4370	..112358	102211-1200	..112860	102211-8060	..112142	104210-3293	..114272
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101211-5020	..111579	102211-1240	..111468	102211-8080	..112142	104210-3430	..114010
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101211-5120	..111507	102211-1360	..112356	102211-8150	..114302	104210-3512	..113922
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101211-5270	..113078	102211-2180	..114361	102211-8260	..114204	104210-3710	..114704
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101211-9010	..114188	102211-5020	..111779	102211-8641	..114801	104210-5150	..113972
101211-9020	..114188	102211-5021	..111779	102211-8642	..113955	104210-5151	..113972
101211-9050	..111468	102211-5040	..114362	102211-8642	..114801	104210-5440	..113969
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101211-9100	..113081	102211-5050	..112357	102211-8651	..114204	104210-5711	..113849
101211-9160	..113089	102211-5051	..112357	102211-8652	..114204	104210-5790	..113978
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101211-9310	..113094	102211-5090	..111518	102211-8662	..113904	104210-8140	..111950
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101211-9360	..112363	102211-5160	..111779	102211-8740	..114099	104210-8241	..114024
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101211-9670	..111468	102211-5380	..111779	104210-2310	..114682	121000-0041	..111596
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10211-7000	..110682	102211-5700	..114256	104210-3240	..113755	121000-0820	..114288
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121000-0970	110684	128000-0110	110485	128000-1241	110260	128000-4242	113545
121000-0980	111195	128000-0111	110485	128000-1250	110411	128000-4250	114420
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121000-1012	110250	128000-0170	110720	128000-1340	112089	128000-4420	110713
121000-1290	110684	128000-0171	110720	128000-1360	111030	128000-4430	111182
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121000-1730	110258	128000-0211	113725	128000-1520	110397	128000-4540	111053
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121000-2360	110684	128000-0215	113725	128000-1621	110323	128000-4662	111683
121000-2970	110248	128000-0216	113725	128000-1670	113681	128000-4663	111683
121000-3340	111193	128000-0220	110397	128000-1671	113681	128000-4685	114017
121000-3380	111193	128000-0280	110312	128000-1770	110626	128000-4686	114017
121000-3381	111193	128000-0281	110312	128000-1861	110402	128000-4687	114017
121000-3390	113055	128000-0290	110249	128000-1862	110402	128000-4688	114017
121000-3400	113056	128000-0300	111442	128000-1863	110402	128000-4720	110961
121000-3410	111193	128000-0360	111387	128000-1930	111561	128000-4850	111928
121000-3420	111193	128000-0461	110158	128000-1950	111561	128000-4851	111928
121000-3440	111193	128000-0462	110158	128000-1990	111928	128000-4852	111928
121000-3442	111193	128000-0490	113131	128000-2130	110356	128000-4860	111765
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121000-3671	113358	128000-0550	111386	128000-2660	111030	128000-4960	111764
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128000-0020	111683	128000-1102	114260	128000-4061	111561	128000-5781	110713
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128000-0100	110399	128000-1161	110940	128000-4201	110402	128000-5913	111224

Cross reference list

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>DENSO</b> <i>Continued</i>							
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128000-5951	111544	128000-8101	112545	228000-0200	111564	228000-1180	113928
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128000-7922	110708	228000-0111	110485	228000-1080	110720	228000-2970	113696
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128000-7990	111544	228000-0141	110485	228000-1082	110720	228000-3000	111564
128000-7991	111544	228000-0142	110485	228000-1100	110713	228000-3060	113108

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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228000-3282	111784	228000-5052	114693	228000-6391	113429	228000-8090	114400
228000-3283	111784	228000-5120	113696	228000-6430	111088	228000-8150	112336
228000-3330	111463	228000-5121	113696	228000-6450	113629	228000-8330	113630
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228000-3381	110149	228000-5142	113209	228000-6481	113702	228000-8420	112276
228000-3390	113116	228000-5270	111197	228000-6482	113702	228000-8470	114459
228000-3391	113116	228000-5273	111197	228000-6550	113983	228000-8471	114459
228000-3392	113116	228000-5290	113312	228000-6551	113983	228000-8540	113314
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228000-3641	111874	228000-5293	113312	228000-6572	114277	228000-8550	113314
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228000-3710	113238	228000-5302	113312	228000-6620	112369	228000-8890	114429
228000-3730	110485	228000-5303	113119	228000-6640	114340	228000-8930	114060
228000-3731	110485	228000-5340	113938	228000-6650	114738	228000-8972	112336
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228000-3740	111784	228000-5342	113938	228000-6652	114738	228000-9050	113936
228000-3750	113119	228000-5382	111683	228000-6670	114340	228000-9100	113725
228000-3780	110485	228000-5400	114485	228000-6671	114340	228000-9150	114712
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228000-3840	110389	228000-5490	113244	228000-6840	110713	228000-9270	111552
228000-3841	110389	228000-5520	114417	228000-6840	112033	228000-9310	113545
228000-3842	110389	228000-5590	114501	228000-6870	114449	228000-9330	114340
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228000-3851	111683	228000-5601	113429	228000-6872	114449	228000-9530	113313
228000-3852	111683	228000-5603	113429	228000-6980	113725	228000-9580	114816
228000-3980	113928	228000-5610	112544	228000-6981	113725	228000-9600	113244
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228000-4020	113665	228000-5612	112544	228000-7091	114194	228000-9800	115322
228000-4080	113173	228000-5620	113429	228000-7111	110485	228000-9900	114037
228000-4082	113173	228000-5621	113429	228000-7130	111552	228000-9901	114037
228000-4083	113173	228000-5630	112544	228000-7140	111454	228000-9902	114037
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228000-4292	111683	228000-5640	112822	228000-7150	110447	421000-0021	113803
228000-4293	111683	228000-5641	112822	228000-7151	110447	421000-0022	113803
228000-4300	113171	228000-5680	113244	228000-7160	111310	421000-0023	113803
228000-4302	113171	228000-5730	113237	228000-7161	111310	421000-0024	113803
228000-4304	113171	228000-5731	113237	228000-7220	113662	421000-0025	113803
228000-4320	113649	228000-5750	114739	228000-7250	111550	421000-0026	113803
228000-4370	110411	228000-5790	113459	228000-7260	112367	421000-0027	113803
228000-4371	110411	228000-5810	112489	228000-7380	112544	421000-0028	113803
228000-4390	110411	228000-5811	112489	228000-7381	112544	421000-0081	114011
228000-4391	110411	228000-5860	113172	228000-7390	113171	421000-0082	114011
228000-4392	110411	228000-5861	113172	228000-7391	113171	421000-0083	114011
228000-4550	111915	228000-5862	113172	228000-7392	113171	421000-0084	114011
228000-4560	111918	228000-5910	113211	228000-7420	113120	421000-0085	114011
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228000-4591	111197	228000-5920	111463	228000-7470	114197	421000-0100	113607
228000-4592	111197	228000-5922	111463	228000-7471	114197	421000-0230	114511
228000-4593	111197	228000-5960	114223	228000-7480	113211	428000-0020	114239
228000-4620	113208	228000-5990	113239	228000-7481	113211	428000-0022	114239
228000-4640	111310	228000-5992	113239	228000-7500	115323	428000-0023	114239
228000-4641	111310	228000-6110	113242	228000-7520	114168	428000-0024	114239
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228000-4671	113725	228000-6113	113242	228000-7541	114182	428000-0260	113757
228000-4750	111197	228000-6120	113601	228000-7550	112823	428000-0290	113938
228000-4780	113204	228000-6121	113601	228000-7551	112823	428000-0291	113938
228000-4830	113702	228000-6122	113601	228000-7591	113271	428000-0340	114419
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228000-4840	110411	228000-6172	112367	228000-7641	114135	428000-0520	113239
228000-4850	110411	228000-6173	112367	228000-7671	111021	428000-0660	114072
228000-4922	110720	228000-6270	113244	228000-7740	113620	428000-0670	111911
228000-4960	113361	228000-6271	113244	228000-7800	113965	428000-0680	114056
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228000-4981	111969	228000-6280	112367	228000-7850	113732	428000-0701	114037
228000-4982	111969	228000-6281	112367	228000-7851	113732	428000-0720	112006
228000-4992	114340	228000-6282	112367	228000-7900	114282	428000-0930	114333
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228000-5022	113757	228000-6291	113207	228000-7990	114674	428000-0960	115362
228000-5023	113757	228000-6310	113620	228000-7991	114674	428000-1080	114342

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>DENSO</b> <i>Continued</i>		<b>DIXIE</b>		A-6330	113543	S1406	112898
428000-1081	114342	101-21103	113432	A-772	113740	S-1406	112898
428000-1120	114278	101-21108	113432	A-80007	113803	S-1407	112897
428000-1160	112547	101-33201	113778	A-80024	113027	S-1411	111786
428000-1161	112547	102-10101	113765	A-80026	113656	S-1413	111699
428000-1210	113550	146-37102	111215	A-80040	113657	S-1415	112912
428000-1220	113550	146-93103	113921	A-80084	113715	S-1416	112898
428000-1221	113550	146-93104	113921	A-80086	113856	S-1418	112911
428000-1280	114071	201-28126	113452	A-8204	110659	S-1422	112900
428000-1290	113655	201-28201	111760	A-824	110133	S-1425	112906
428000-1380	113654	201-28205	113435	A-8282	110629	S-1426	112907
428000-1570	111310	201-28206	113007	A-8311	110959	S-1430	112904
428000-1620	113926	201-42102	110436	A-8321	110802	S-1437	113679
428000-1630	115328	201-42115	110436	A-8323	111710	S-2030	110225
428000-1640	113254	201-42119	112089	A-8394	111309	S-2034	110225
428000-1650	113513	206-03101	110949	A-8396	110540	S-2042	112963
428000-1690	114224	206-03-105	112826	A-8404	113027	S-2045	112965
428000-1691	114224	206-03107	113591	A-8453	112977	S-2055	111370
428000-1750	114297	206-03110	112568	A-8456	111285	S-2057	112030
428000-1760	114740	206-04109	111701	A-8499	112270	S-2058	111844
428000-1830	114340	206-07101	110510	A-8546	113094	S-2060	112584
428000-1850	113725	206-07102	110635	A-8548	113433	S-2061	113222
428000-1860	113725	206-07103	110634	A-8554	113628	S-2062	112296
428000-2311	113757	206-07105	113592	A-8560	111495	S-2065	112592
428000-2321	114731	206-07106	111700	A-8567	111381	S-2075	112235
428000-2590	114695	206-07109	111012	A-8569	113375	S-2076	111374
428000-2591	114695	246-06102	113663	A-8650	113027	S-2079	112646
428000-2631	114853	246-06104	113734	A-8662	113559	S-2080	112586
428000-2632	114853	246-06114	113732	A-8680	111787	S-2089	111844
428000-2640	110447	246-25107	113725	A-8710	112327	S-2092	112600
428000-2650	114332	246-25111	110942	A-8711	113652	S-2095	112608
428000-2730	114071	246-25118	113428	A-8763	110959	S-2109	111374
428000-2910	115352	246-25120	113214	A-8764	110540	S-2124	113703
428000-2911	115352	246-30214	112544	A-8802	112168	S-6101	111425
428000-3110	113938	260-67204	112670	A-8843	113562	S-6108	111456
428000-3140	114399	260-69105	111755	A-8846	113634	S-6109	111490
428000-3180	114216	A-1101	110591	A-8864	113793	S-6179	113282
428000-3410	114389	A-1117	110801	A-8866	113418	S-6196	111909
428000-3630	115326	A-1118	112989	A-9224	110959	S-6197	111900
428000-4500	114056	A-1250	111713	A-9225	110488	S-6215	113613
428000-4600	114093	A-129	111261	A-9284	111139	S-6245	112290
428000-4810	115328	A-1327	110984	MS-1042	112232	S-6532	113478
428000-4920	114216	A-1342	112996	MS-6007	113853	S-80017	113821
428000-5000	114389	A-1350	113432	MS-6029	113854	S-80042	113642
428000-5001	114389	A-1358	112993	MS-611	110647	S-80058	113746
428000-5120	115564	A-1359	112995	MS-612	110240	S-80083	113727
428000-5220	114326	A-1360	113432	MS-632	110510	S-80089	111300
428000-5230	115565	A-1418	112911	MS-636	110648	S-80099	113669
428000-5280	114389	A-1450	112824	MS-637	110654	S-80102	113675
428000-5510	114305	A-1455	113001	MS-639	110650	S-80135	113550
428000-5511	114305	A-1456	113002	MS-640	110650	S-80169	113795
428000-5830	114886	A-1457	113778	MS-646	111043	S-8032	110411
428000-6110	115566	A-1489	112873	MS-649	111700	S8098	113429
428000-7710	114056	A-1494	112834	MS-651	110510	S-8124	110485
428000-7840	114889	A1534	112873	MS-655	111701	S-8132	110626
428000-9370	113314	A-1534	112873	MS-662	112145	S-8147	110421
966121-9935	113089	A-1563	112874	MS-663	110654	S-8152	111683
<b>DEUTZ-FAHR</b>		A-1619	113579	MS-667	110634	S-8152-1	110573
01174637	114438	A-1620	113579	MS-670	110949	S-8192	110411
01181096	113895	A-1621	113579	MS-671	112568	S-8200	110283
01182038	113768	A-1623	113693	MS-673	113015	S-8234	110810
01182173	112046	A-1645	113777	MS-675	112247	S-8252	113131
01182434	112183	A-166	112260	MS-677C	112242	S-8254	113725
01182968	114783	A-1664	113692	MS-687	112832	S-8255	110156
01183439	114783	A-1665	113685	MS-692	110648	S-8272	113237
01183624	114783	A-1672	113694	MS-696	111012	S-8274	113172
2.9439.290.0	111686	A-1673	113691	MS-800	112010	S-8278	110942
2.9439.480.0	111686	A-173	110300	MS-818	113527	S8285	113429
2.9439.490.0	111686	A-178	110325	S-1274	111277	S-8299	113725
<b>DIVERSE</b>		A-219	113765	S-1281	110216	S-8314	110412
24.3708	111350	A-221	112914	S-1363	112911	S-8325	113668
24173708000	113431	A-255	112924	S-1364	110221	S-8326	111300
160-60282	113589	A-273	112944	S-1372	112910	S-8328	110552
160-68223	113650	A-471	112025	S-1381	110221	S-8331	110462
IM131	110601	A-477	113623	S-1393	111786	S-8348	113428
IM18	110511	A-479	113623	S-1395	112911	S-8353	113141
IM522	110512	A-484	113623	S-1401	112898	S-8388	112214
		A-495	113763	S-1404	112897	S-8389	113024
		A-6255	112773	S-1405	111786	S-8395	110616

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
S-8397	110421	TS-1679	113550	532021	110856	10650	110533
S-8407	113214	TS-1682	112165	532023	110856	10800	111219
S-8422	113203	TS-1743	113550	532024	110365	10810	110531
S-8435	111305	TS-1757	113827	532027	110365	10825	110582
S-8462	113402	TS-4014	110462	533002	110793	10890	112097
S-8465	113230	TS-6010	111755	534023	111064	10910	110890
S-8511	113141	TS-6046	110206	534027	111106	11206	110209
S-8512	113238	TS-6071	110534	534028	111106	11360	110525
S-8529	113206	TS-6072	112670	534029	110585	11370	110529
S-8538	112546			534031	110585	11380	110521
S-8544	113114	<b>DODGE → CHRYSLER</b>		534032	110866	11420	110522
S-8551	110417	<b>DUCELLIER</b>		534039	110587	11430	110518
S-8555	112373	6127	110439	534042	110585	11520	110527
S-8560	110947	6128	110367	534043	110585	11580	110523
S-8561	113129	6128	110367	534044	111064	11640	110536
S-8565E	112649	6136	110856	534046	111066	11705	110912
S-8568	113239	6144	110367	534047	110866	11750	110530
S-8589	111307	6172	110367	534048	111068	11830	110368
S-8622	112374	6175	110367	534050	111066	11930	110521
S-8623	110616	6185	110856	534053	111025	12070	110812
S-8632	113130	6187	110367	534054	110584	12080	110517
S-8639	111212	6189	110793	534055	110584	12590	110206
S-8639A	111212	6190	110793	534057	110585	12760	113465
S-8658	113210	6202	111100	538501	110462	12800	110212
S-8661	113132	6203	110367	538502	110565	12900	113466
S-8678	113172	6212	110793	538504	110459	12950	110208
S-8680	113116	6219	110856	538505	110565	12960	111004
S-8684	113398	6227	110367	581017	110144	12990	110582
S-8686	113392	6231	110367	618077	111066	13000	110368
S-8698	113408	6232	110439	618078	111066	13090	110524
S-8702	110572	6233	110565	618565	111066	13100	110525
S-8708	112368	6240	111066	618795	111066	13140	111640
S-8751	113120	6242	111066	516023B	110920	13460	111035
S-8765	113618	7522	110743	516053A	112728	13470	112719
S-8770	112300	7527	110745	534054A	110584	13830	111686
S-8771	113398	7530	110971	534054B	110584	13850	111620
S-8774	113521	7532	110743	534054C	110584	13870	111418
S-8775	113638	7534	110743	6202A	111100	14100	110536
S-8776	113020	7536	110743	6202B	111100	14650	110522
S-8823E	111254	7542	110743	6202C	111100	14660	110814
S-8832B	111020	7557	110745	6202D	111100	14860	111693
S-8848	113408	7575	110745	6202F	111100	14940	111418
S-8865	113596	7576	110745	6231A	110367	14960	110923
S-8872	110485	8293	110587	6231B	110367	14965	111093
S-8881	113696	8294	110587	6231C	110367	14970	110913
S-8888	113191	451003	110743	6231D	110367	22201	110512
S-8895	113597	451013	112768	7527A	110745	22602	110206
S-8896	113663	451068	111071	7527B	110745	22603	110533
S-8897	113734	451076	111072	7527C	110745	22604	110207
S-8907	113665	453016	111066	7575D	110745	22605	110208
S-8920	112544	453027	110367			22606	110208
S-8933	113661	453040	110367	<b>EFEL</b>		22607	110210
S-8961	113551	453052	110585	02201	110524	22608	110582
S-8986	113638	510018	110913	03106	110537	22609	110601
TS-1250	113172	512010	111075	03109	111217	22612	111249
TS-1267	112267	514005	110916	03285	110512	22616	110512
TS-1283	111190	514014	111138	04667	110601	22617	110534
TS-1294	111699	515003	111403	06000	110060	22621	110531
TS-1366	113172	515016	111171	6000	110060	22622	110209
TS-1500	110436	516011	110178	06030	110061	22623	110932
TS-1504	110436	516013	111071	6030	110061	22624	110512
TS-1512	113153	516015	111071	06710	110601	22625	110512
TS-1539	112255	516023	110920	06730	110531	22626	110519
TS-1541	112255	516027	111086	06860	110532	22701	110210
TS-1559	112233	516032	111078	06940	110512	22702	111046
TS-1561	113125	516038	112744	07940	111217	22703	110213
TS-1576	112268	516039	111075	08280	110205	22704	110532
TS-1578	112267	516043	111076	08780	110207	22706	110531
TS-1602	111760	516051	111075	08790	110208	22708	110531
TS-1603	112089	516055	110358	09620	111304	22709	110205
TS-1607	113126	516058	112728	10420	110525	22710	110214
TS-1619	112652	516062	111082	10430	110536	22711	110212
TS-1620	112653	516064	111082	10440	110524	22713	110212
TS-1626	112667	516067	112744	10450	110520	22715	111231
TS-1639	113435	516074	111082	10460	110523	22718	112119
TS-1640	113007	532002	110367	10570	110531	22801	110537
TS-1644	112268	532005	110793	10590	111180	22802	111217
TS-1648	112668	532010	110367	10600	110534	22806	110539
TS-1649	113452	532017	110367	10610	110531	36368	110429

## STARTERS & ALTERNATORS





O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
25-0425	110996	25-1049	110396	25-1180	110486	25-1314	111311
25-0430	110545	25-1050	111683	25-1183	111304	25-1315	110811
25-0430	114254	25-1051	111004	25-1184	111228	25-1317	111682
25-0431	111064	25-1052	111310	25-1184	112124	25-1319	112321
25-0432	111755	25-1053	111619	25-1190	111404	25-1322	111127
25-0433	110462	25-1055	110491	25-1191	111214	25-1324	111749
25-0434	110809	25-1056	110506	25-1192	111421	25-1329	111029
25-0436	110809	25-1057	111118	25-1193	111544	25-1334	111131
25-0436	111461	25-1058	110844	25-1198	111130	25-1335	111312
25-0439	110157	25-1059	112173	25-1198	113443	25-1336	111182
25-0441	112089	25-1061	110417	25-1199	111129	25-1337	111070
25-0444	110386	25-1062	110485	25-1201	110421	25-1338	111404
25-0444	110719	25-1065	111115	25-1201	111475	25-1339	111909
25-0446	110389	25-1069	110368	25-1202	110720	25-1339	112286
25-0448	111694	25-1070	110519	25-1204	111445	25-1340	111562
25-0450	110280	25-1073	110439	25-1205	110249	25-1341	111305
25-0451	110793	25-1074	110574	25-1205	110312	25-1342	110720
25-0452	110867	25-1074	111805	25-1205	111442	25-1343	110809
25-0453	110585	25-1075	114318	25-1208	110260	25-1343	111461
25-0453	111251	25-1076	111106	25-1208	110411	25-1345	111312
25-0453	113481	25-1077	113134	25-1213	110336	25-1346	111546
25-0453	113753	25-1080	112125	25-1214	111053	25-1349	111303
25-0455	110847	25-1081	111706	25-1214	111131	25-1351	111442
25-0455	111056	25-1082	110865	25-1216	112125	25-1355	111748
25-0457	111061	25-1082	111010	25-1219	110590	25-1355	111909
25-0458	110386	25-1083	110720	25-1220	110847	25-1356	111984
25-0458	110719	25-1084	110245	25-1220	111122	25-1357	110842
25-0461	110519	25-1085	110933	25-1222	110807	25-1361	112052
25-0462	111047	25-1086	111047	25-1223	110472	25-1364	111131
25-0463	111386	25-1087	110421	25-1224	110947	25-1364	111750
25-0465	110813	25-1088	110551	25-1225	111015	25-1365	111694
25-0466	110809	25-1089	110842	25-1228	111548	25-1369	111525
25-0466	111461	25-1090	111270	25-1228	111874	25-1371	110590
25-0466	111565	25-1094	111021	25-1232	110312	25-1373	111023
25-0472	110522	25-1097	110356	25-1232	111442	25-1376	112215
25-0476	110412	25-1099	111475	25-1234	113428	25-1377	112166
25-0480	110155	25-1103	110292	25-1238	111131	25-1380	111785
25-0480	110256	25-1106	111683	25-1239	112214	25-1390	110568
25-0480	111452	25-1107	110292	25-1240	111490	25-1396	112214
25-0482	111065	25-1109	112178	25-1240	112301	25-1398	111552
25-0482	112440	25-1113	112246	25-1242	110539	25-1400	110443
25-0483	110156	25-1114	110149	25-1246	111608	25-1405	111608
25-0484	110454	25-1114	110808	25-1250	110820	25-1406	111464
25-0484	110465	25-1115	110144	25-1252	111851	25-1407	111454
25-0486	110246	25-1117	110312	25-1253	110260	25-1408	113239
25-0487	113482	25-1117	111442	25-1254	110584	25-1410	110565
25-0489	111120	25-1118	111752	25-1254	111994	25-1411	113168
25-0489	112537	25-1119	110438	25-1255	113443	25-1416	110819
25-0492	110719	25-1129	111114	25-1258	111182	25-1418	113307
25-0493	112289	25-1131	111098	25-1261	110394	25-1420	111047
25-0497	110389	25-1132	112173	25-1262	111447	25-1421	111021
25-0498	110280	25-1137	110866	25-1263	110520	25-1425	111274
25-0498	110575	25-1143	111543	25-1263	111118	25-1427	111451
25-0499	111461	25-1146	111728	25-1264	113389	25-1432	111387
25-1003	110819	25-1147	113846	25-1265	110315	25-1432	112336
25-1006	111025	25-1148	111130	25-1265	110811	25-1433	110808
25-1007	110817	25-1150	110485	25-1268	110640	25-1433	111273
25-1008	110839	25-1151	110412	25-1268	113381	25-1434	112321
25-1010	110573	25-1151	111559	25-1269	111131	25-1435	112267
25-1011	113380	25-1151	111683	25-1269	111269	25-1436	110627
25-1012	110518	25-1152	112478	25-1270	110538	25-1439	110337
25-1013	111060	25-1153	111007	25-1273	112374	25-1441	111069
25-1015	110365	25-1155	111127	25-1275	111544	25-1443	110530
25-1023	112533	25-1157	110182	25-1276	111136	25-1444	110530
25-1024	113307	25-1158	110810	25-1278	111055	25-1447	112125
25-1025	110473	25-1160	110810	25-1278	111123	25-1448	111214
25-1026	110867	25-1163	112674	25-1278	111127	25-1452	110486
25-1026	112290	25-1164	110447	25-1281	111251	25-1458	111303
25-1028	110584	25-1165	110574	25-1283	111241	25-1459	111222
25-1029	112136	25-1165	111805	25-1284	111305	25-1460	111459
25-1030	111346	25-1166	110713	25-1289	111030	25-1464	110157
25-1034	111108	25-1166	111455	25-1293	110578	25-1466	112034
25-1039	111120	25-1167	111728	25-1295	112309	25-1466	112171
25-1041	112295	25-1170	110602	25-1303	110854	25-1466	113307
25-1042	111117	25-1171	111030	25-1305	112455	25-1471	112542
25-1044	110323	25-1173	110469	25-1307	112290	25-1472	111693
25-1045	110397	25-1176	110551	25-1308	111559	25-1473	112034
25-1046	110351	25-1177	110280	25-1311	112167	25-1478	112083
25-1048	110485	25-1178	111332	25-1312	112306	25-1480	111422

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>ELSTOCK</b> <i>Continued</i>							
25-1480	112382	25-2080	112053	25-2193	111970	25-2318	112240
25-1482	110602	25-2081	111420	25-2194	110447	25-2320	110226
25-1483	111034	25-2083	113459	25-2195	111333	25-2320	110227
25-1483	112911	25-2084	113701	25-2195	113605	25-2321	111855
25-1484	111608	25-2085	112659	25-2202	111785	25-2324	110587
25-1485	112034	25-2086	111197	25-2203	111125	25-2326	112276
25-1486	111548	25-2087	111224	25-2204	112236	25-2327	110941
25-1487	110530	25-2088	111550	25-2205	111908	25-2330	111300
25-1489	112041	25-2089	110940	25-2207	112340	25-2331	112080
25-1490	112541	25-2091	110415	25-2208	114181	25-2336	111849
25-1496	110933	25-2094	110552	25-2209	111333	25-2339	111851
25-1497	110709	25-2095	112074	25-2210	112124	25-2339	112440
25-1499	110216	25-2096	111874	25-2211	111912	25-2340	112084
25-1499	112897	25-2096	112006	25-2215	110831	25-2341	110450
25-1522	112270	25-2097	111534	25-2216	111763	25-2343	110411
25-155	110536	25-2098	111347	25-2218	113665	25-2347	112040
25-1629	110770	25-2100	111425	25-2220	111680	25-2348	112304
25-181	110144	25-2101	113750	25-2225	111900	25-2349	113445
25-2000	110397	25-2102	110847	25-2225	111909	25-235	110368
25-2001	110468	25-2103	111865	25-2226	112442	25-2351	110626
25-2004	111189	25-2105	112459	25-2230	110341	25-2354	111931
25-2005	111476	25-2106	111904	25-2230	110847	25-2356	111442
25-2005	111565	25-2107	111492	25-2231	111900	25-2357	112172
25-2008	112268	25-2108	113443	25-2231	112286	25-2359	114439
25-2009	110808	25-2109	111197	25-2232	112026	25-2363	111995
25-2010	112235	25-2110	112555	25-2232	112436	25-2364	110617
25-2011	113451	25-2111	113674	25-2234	113649	25-2368	110421
25-2012	112141	25-2112	111851	25-2235	113040	25-2369	113207
25-2012	112235	25-2114	113132	25-2239	111784	25-2370	112103
25-2015	111131	25-2117	110569	25-2241	112172	25-2371	111851
25-2015	111750	25-2118	113361	25-2242	110157	25-2372	112217
25-2017	111070	25-2120	111685	25-2242	110292	25-2373	112036
25-2020	110485	25-2121	113430	25-2243	112005	25-2373	113238
25-2021	111900	25-2122	112370	25-2246	112533	25-2376	112429
25-2021	112438	25-2124	114106	25-2246	113446	25-2378	113206
25-2021	115503	25-2125	110216	25-2246	115506	25-2380	112369
25-2025	111300	25-2125	111786	25-2247	113644	25-2381	113313
25-2026	111508	25-2126	110356	25-2248	111684	25-2382	111123
25-2028	111456	25-2126	110938	25-2252	111564	25-2384	112322
25-2030	112267	25-2126	111299	25-2253	111751	25-2387	112218
25-2031	111070	25-2127	113966	25-2254	112553	25-2390	111855
25-2031	114460	25-2128	111123	25-2255	110602	25-2393	113629
25-2032	112454	25-2129	113024	25-2256	111823	25-2394	111971
25-2034	111492	25-2131	113346	25-2257	111585	25-2395	112380
25-2036	111456	25-2136	111552	25-2258	111455	25-2396	114160
25-2037	112818	25-2137	110713	25-226	110529	25-2399	111190
25-2040	111885	25-2138	113389	25-2263	111396	25-2402	111346
25-2041	112125	25-2140	110572	25-2264	111848	25-2404	113271
25-2042	111349	25-2140	113668	25-2265	111769	25-2406	111272
25-2045	112295	25-2142	111307	25-2266	113928	25-2407	111766
25-2048	111906	25-2142	113040	25-2267	112336	25-2411	112441
25-2049	112307	25-2143	112277	25-2268	110942	25-2411	115505
25-2049	113750	25-2144	112295	25-2269	111557	25-2412	113638
25-2050	111906	25-2147	111544	25-2270	112221	25-2416	114123
25-2051	112124	25-2148	111685	25-2272	113402	25-2417	113446
25-2052	113481	25-2149	111451	25-2278	111764	25-2418	114309
25-2055	111136	25-2150	112300	25-2282	110842	25-2419	111422
25-2056	111730	25-2153	112365	25-2283	112016	25-2422	113314
25-2057	110149	25-2154	111005	25-2284	112911	25-2424	110323
25-2057	110808	25-2157	111421	25-2286	110178	25-2425	110249
25-2058	111030	25-2158	111685	25-2287	113745	25-2427	111755
25-2062	110840	25-2159	110958	25-2288	112341	25-2430	112214
25-2063	112374	25-2162	113702	25-2289	111273	25-2431	112135
25-2064	111485	25-2164	113231	25-2290	111455	25-2433	110510
25-2065	110279	25-2166	113752	25-2293	110222	25-2435	112135
25-2066	111728	25-2167	113387	25-2294	111554	25-2436	111969
25-2067	111574	25-2176	111063	25-2295	110354	25-2438	110713
25-2068	111549	25-2177	110585	25-2296	110223	25-2438	112033
25-2069	111382	25-2177	113753	25-2298	111258	25-2442	114889
25-2070	111312	25-2181	112125	25-2299	112267	25-2443	112846
25-2071	111310	25-2182	111554	25-2305	111374	25-2446	112320
25-2072	111065	25-2183	112341	25-2306	111786	25-2447	113938
25-2072	112440	25-2185	111996	25-2311	113757	25-2450	112440
25-2075	112289	25-2187	112251	25-2312	112897	25-2451	113677
25-2076	110485	25-2189	111087	25-2313	110464	25-2456	110394
25-2077	111310	25-2190	111690	25-2314	111703	25-2460	111499
25-2077	111475	25-2191	111641	25-2315	111370	25-2462	111849
25-2078	112175	25-2191	112295	25-2316	111724	25-2463	112821
25-2079	111848	25-2192	110575	25-2317	111682	25-2464	113725

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
25-2466	113794	25-3137	111586	25-3463	113910	26-0216	111053
25-2467	112295	25-3140	110411	25-3469	114740	26-0217	110337
25-2471	112431	25-3148	112442	25-3471	113211	26-0217	111053
25-2473	111334	25-3153	110485	25-3473	114270	26-0217	111123
25-2474	112438	25-3157	110447	25-3474	114052	26-0217	111131
25-2477	112006	25-3161	113761	25-3475	113937	26-0229	110154
25-2485	112435	25-3162	111260	25-3476	114074	26-0238	110152
25-2489	113662	25-3168	113303	25-3477	114820	26-0244	110824
25-2490	114460	25-3170	111619	25-3480	112547	26-0304	110835
25-2491	114119	25-3173	114308	25-3481	113797	26-0306	111865
25-2492	112014	25-3175	114321	25-3484	113797	26-0314	111055
25-2493	113761	25-3180	111699	25-3487	114526	26-0314	111127
25-2494	110460	25-3182	113281	25-3495	113907	26-0317	110831
25-2494	110640	25-3183	112388	25-3497	115398	26-0325	110840
25-2497	113749	25-319	110367	25-3606	110238	26-0369	113097
25-2499	111849	25-3197	111550	25-3885	114158	26-0376	110587
25-2504	113271	25-3200	113521	25-4000	110552	26-0378	110869
25-270	111304	25-3203	113325	25-4002	114690	26-0384	110840
25-3002	113430	25-3205	112367	25-4010	113926	26-0386	110862
25-3009	111994	25-3208	114223	25-4014	115328	26-0392	111052
25-3010	112475	25-3213	113323	25-4017	115336	26-0393	111228
25-3011	113346	25-3218	113509	25-4019	114746	26-0393	112289
25-3015	114762	25-3219	113842	25-4020	114029	26-0395	110149
25-3018	111865	25-3220	113841	25-4021	113303	26-0395	110808
25-3024	112430	25-3222	114163	25-4025	114057	26-0395	111310
25-3025	110158	25-3224	114477	25-4027	112646	26-0395	114885
25-3030	114233	25-3225	114723	25-4028	113977	26-0397	110838
25-3031	111848	25-3233	110315	25-4037	110839	26-0424	111058
25-3033	111786	25-3237	111784	25-4040	112083	26-0426	111058
25-3034	114814	25-3242	112301	25-4047	113696	26-0455	111056
25-3039	111805	25-3250	114162	25-4049	114093	26-0464	110160
25-3041	111456	25-3251	113513	25-4049	115512	26-0464	111489
25-3042	111251	25-3258	113276	25-4062	114886	26-1000	110838
25-3045	113965	25-3267	113937	25-4065	111844	26-1001	110864
25-3046	113282	25-3270	113964	25-4066	115402	26-1002	110602
25-3050	114123	25-3283	113962	25-4071	114056	26-1015	110365
25-3054	113481	25-3286	113929	25-4077	113119	26-1035	111059
25-3055	111422	25-3296	113933	25-4077	113312	26-1078	110862
25-3058	114739	25-3297	114161	25-4078	114328	26-1090	111270
25-3059	113182	25-3305	113819	25-4079	114021	26-1090	111425
25-3061	113267	25-3309	113020	25-4082	114849	26-1105	113845
25-3062	112442	25-3313	113177	25-4091	114299	26-1116	110421
25-3063	112444	25-3313	115329	25-4108	114167	26-1116	111475
25-3065	112218	25-3315	112904	25-4114	115338	26-1125	110402
25-3068	113329	25-3317	114764	25-4115	115394	26-1125	111385
25-3069	112373	25-3330	113897	25-4119	114395	26-1126	111561
25-3070	113254	25-3336	113702	25-4148	115376	26-1133	111131
25-3073	112474	25-3342	113843	25-4159	114305	26-1134	111059
25-3075	112291	25-3344	110634	25-4174	115395	26-1134	111748
25-3076	113319	25-3348	113773	25-4188	115400	26-1168	110865
25-3077	114051	25-3354	115362	25-4193	115330	26-1175	111400
25-3079	111024	25-3356	114108	25-4194	114742	26-1212	113844
25-3081	111347	25-3358	113796	25-4235	114850	26-1237	111030
25-3083	110584	25-3365	114094	25-4236	115337	26-1238	111131
25-3084	111070	25-3367	114096	25-4283	115399	26-1238	111750
25-3085	112534	25-3377	114387	25-4308	115401	26-1280	112172
25-3086	112053	25-3379	114837	25-4309	114818	26-1285	110831
25-3087	111123	25-3381	112255	25-4318	114833	26-1290	111911
25-3088	112445	25-3383	114283	25-432	111755	26-1290	114118
25-3094	113314	25-3388	113938	25-472	110522	26-1305	112455
25-3099	112497	25-339	110529	25-495	110178	26-1313	111751
25-3100	112475	25-3391	115333	26-0010	110997	26-1315	110811
25-3101	112497	25-3393	112579	26-0011	110997	26-1319	112321
25-3102	111347	25-3395	113935	26-0012	110865	26-1323	112131
25-3105	111874	25-3395	115501	26-0014	113745	26-1352	110824
25-3106	112436	25-3396	114091	26-0024	110772	26-1352	111010
25-3107	113927	25-3401	111065	26-0024	111052	26-1359	110616
25-3112	111034	25-3404	113108	26-0054	110336	26-1359	112131
25-3113	113481	25-3414	113959	26-0054	110831	26-1424	110840
25-3115	112295	25-3415	113756	26-0054	111030	26-1434	112321
25-3117	112439	25-3417	113860	26-0055	110831	26-1446	111489
25-3120	112476	25-3420	114092	26-0068	110771	26-1453	113845
25-3121	114316	25-3423	113719	26-0069	110868	26-1494	111385
25-3123	112071	25-3440	114171	26-0086	110364	26-2033	113172
25-3126	111333	25-3450	113960	26-0088	110364	26-2054	112455
25-3127	110958	25-3451	114237	26-0099	110341	26-2074	111209
25-3129	114174	25-3455	114738	26-0152	111058	26-2099	111865
25-3131	113515	25-3458	114853	26-0207	110869	26-2104	111817
25-3135	112818	25-3460	113906	26-0215	111054	26-2133	110221

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>ELSTOCK</b> <i>Continued</i>							
26-2238	111911	27-1538	110258	28-0511	111686	28-0675	110968
26-2277	110414	27-1552	110542	28-0514	110745	28-0678	112728
26-2280	112910	27-1609	111483	28-0516	111652	28-0680	112270
26-2287	113745	27-1618	111042	28-0517	110882	28-0683	110048
26-2301	110218	27-1802	111483	28-0517	110890	28-0683	110127
26-2301	111277	27-1802	112054	28-0517	111418	28-0683	111397
26-2301	112897	27-1806	110129	28-0519	112771	28-0688	111139
26-2366	111277	27-1886	110137	28-0522	110168	28-0693	110975
26-2391	111699	27-1889	110137	28-0522	110307	28-0696	110168
26-3000	113925	27-1941	111483	28-0523	111860	28-0696	110703
26-3012	113446	27-1941	112054	28-0523	112453	28-0701	110880
26-3033	111786	27-1941	114288	28-0524	111428	28-0701	110911
26-3147	113292	27-2510	111483	28-0527	111364	28-0701	110975
26-3167	111786	27-2569	111193	28-0527	111948	28-0705	111179
26-3201	114127	27-2569	113055	28-0527	112112	28-0706	110916
26-3314	112390	27-2569	113056	28-0534	111397	28-0706	111075
26-3376	111911	27-2573	113051	28-0537	110899	28-0708	111071
26-395	110808	27-2576	113051	28-0537	111035	28-0717	110891
26-415	110178	27-2816	112067	28-0537	111180	28-0717	111086
27-0504	110237	27-2819	111814	28-0538	110912	28-0717	111176
27-0510	110877	27-2853	111384	28-0538	111138	28-0717	113574
27-0513	110743	27-2974	110248	28-0543	110178	28-0718	110612
27-0521	110128	27-3515	111795	28-0543	110179	28-0718	111035
27-0521	110264	27-3591	110237	28-0544	110179	28-0718	111148
27-0522	110129	27-3603	113063	28-0545	110891	28-0720	110612
27-0535	110611	27-3643	111530	28-0548	111184	28-0720	111035
27-0537	110899	27-3716	112833	28-0548	113378	28-0723	110178
27-0538	110611	27-3787	112142	28-0560	110350	28-0723	110759
27-0552	111652	27-3789	112143	28-0561	112098	28-0723	110968
27-0553	110759	27-3829	111384	28-0563	110134	28-0723	111289
27-0560	110349	27-3849	113058	28-0563	110168	28-0723	113474
27-0561	112098	27-3893	111815	28-0567	110751	28-0724	110969
27-0562	110133	27-3895	113235	28-0573	111841	28-0724	111086
27-0565	110735	27-3945	113067	28-0576	110264	28-0724	111356
27-0565	112098	27-3963	113708	28-0577	111166	28-0724	111364
27-0566	110735	27-4696	113709	28-0577	111178	28-0725	110178
27-0566	112098	27-4698	113709	28-0577	111800	28-0725	110759
27-0567	111141	27-4720	114210	28-0578	113376	28-0725	110968
27-0572	110077	27-4813	114129	28-0582	110759	28-0725	111086
27-0578	113376	27-4829	114128	28-0582	112683	28-0725	111289
27-0580	110745	27-4830	113710	28-0584	110767	28-0726	110178
27-0595	110137	27-4838	113912	28-0594	110975	28-0726	110969
27-0595	110138	27-4887	113803	28-0598	110178	28-0726	111086
27-0595	110258	27-4932	113922	28-0603	112768	28-0726	111364
27-0595	111195	27-4933	113849	28-0604	111289	28-0727	110770
27-0596	110138	27-4956	113978	28-0604	113474	28-0727	111289
27-0616	111096	27-4968	113710	28-0606	113574	28-0727	111366
27-0624	112098	27-522	110128	28-0607	110970	28-0730	110105
27-0625	110239	27-5526	114250	28-0607	111948	28-0730	111649
27-0630	110641	27-5540	112067	28-0608	111086	28-0733	111036
27-0631	110048	27-5559	114111	28-0608	111364	28-0733	111621
27-0631	110127	27-562	110133	28-0616	111096	28-0738	110730
27-0648	110975	27-5651	113883	28-0619	110913	28-0739	111141
27-0655	110887	27-595	110137	28-0620	110360	28-0742	111141
27-0690	110138	27-595	110258	28-0620	110913	28-0747	110931
27-0708	111071	27-596	110137	28-0623	110503	28-0748	111139
27-0721	110611	27-631	111053	28-0627	110916	28-0754	110769
27-0722	110105	27-655	110887	28-0628	110969	28-0754	111072
27-0723	111289	28-0080	110440	28-0633	110641	28-0754	111171
27-0724	111086	28-0285	111224	28-0635	110968	28-0757	111287
27-0730	110105	28-0500	110880	28-0637	110178	28-0759	110971
27-0730	111649	28-0500	111653	28-0639	111072	28-0759	110975
27-0747	110931	28-0502	110975	28-0642	112149	28-0760	110911
27-0750	110745	28-0502	111652	28-0645	110877	28-0761	112310
27-0761	110542	28-0502	111653	28-0647	111287	28-0768	110881
27-0764	110273	28-0505	110179	28-0650	110178	28-0772	112742
27-0765	110138	28-0506	110913	28-0650	111185	28-0773	110882
27-0767	110138	28-0506	110975	28-0650	111289	28-0773	110890
27-0770	110127	28-0506	111652	28-0650	113378	28-0773	110912
27-0775	110170	28-0506	112098	28-0651	110179	28-0773	111686
27-0796	110138	28-0506	112763	28-0651	111184	28-0773	112719
27-0832	110075	28-0509	110178	28-0654	110880	28-0773	112768
27-0837	110178	28-0509	110759	28-0655	111153	28-0776	111043
27-0837	110250	28-0509	111185	28-0657	112270	28-0790	110877
27-0842	111483	28-0509	113378	28-0662	110492	28-0793	110233
27-0842	112054	28-0510	110877	28-0663	110136	28-0793	110508
27-0842	114288	28-0510	112310	28-0672	111085	28-0794	110178
27-0970	110248	28-0511	111620	28-0672	112753	28-0794	110770
27-1518	110138	28-0511	111654	28-0675	110358	28-0794	111086

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
28-0794	111356	28-0877	111078	28-0982	112768	28-1610	111403
28-0794	111362	28-0877	111138	28-0983	110805	28-1610	113839
28-0794	111364	28-0877	111687	28-0984	111670	28-1611	111800
28-0794	111366	28-0879	110707	28-0989	110235	28-1611	112056
28-0794	111368	28-0880	110702	28-0989	110505	28-1612	111166
28-0795	111289	28-0886	110702	28-0991	111164	28-1613	112729
28-0797	110972	28-0887	110660	28-0992	110607	28-1614	110660
28-0797	111656	28-0887	110957	28-0992	111754	28-1614	112531
28-0797	113376	28-0888	110630	28-0996	111036	28-1615	110178
28-0798	110694	28-0891	112753	28-0998	110881	28-1615	111185
28-0799	111168	28-0892	111321	28-0999	111428	28-1616	111654
28-0799	111800	28-0892	113839	28-1276	111428	28-1620	110802
28-0799	112056	28-0893	110697	28-1500	110701	28-1621	110802
28-0800	110496	28-0903	111075	28-1503	110620	28-1625	112750
28-0800	111705	28-0904	110675	28-1504	111048	28-1626	111215
28-0801	110916	28-0904	110927	28-1507	112162	28-1628	111176
28-0801	111075	28-0905	111841	28-1508	110664	28-1628	111738
28-0802	111076	28-0906	111071	28-1510	110890	28-1628	112238
28-0802	112162	28-0907	111289	28-1511	112297	28-1629	110770
28-0804	111035	28-0908	111267	28-1513	111185	28-1629	111355
28-0805	110107	28-0910	111397	28-1513	111289	28-1629	112238
28-0805	111948	28-0911	110914	28-1514	111662	28-1629	112722
28-0807	110264	28-0912	110318	28-1516	111157	28-1629	113574
28-0809	110770	28-0913	111149	28-1517	112764	28-1631	111171
28-0809	111176	28-0914	112754	28-1521	111240	28-1633	111148
28-0809	111289	28-0917	113793	28-1522	110264	28-1633	113472
28-0809	111355	28-0918	110806	28-1522	112270	28-1638	112813
28-0809	111362	28-0922	110607	28-1524	111616	28-1641	111610
28-0809	111366	28-0922	111754	28-1527	111291	28-1643	111279
28-0812	111147	28-0927	113611	28-1529	110385	28-1644	111578
28-0815	110889	28-0929	112730	28-1531	110662	28-1646	110632
28-0817	110880	28-0931	110512	28-1532	110458	28-1648	111432
28-0817	110881	28-0931	110699	28-1534	110168	28-1649	113077
28-0820	111156	28-0931	110706	28-1534	110307	28-1650	112056
28-0825	110075	28-0932	110923	28-1535	111048	28-1654	112755
28-0825	110233	28-0932	113866	28-1540	110679	28-1655	110666
28-0825	110505	28-0933	110105	28-1542	111948	28-1656	111166
28-0825	110508	28-0934	110496	28-1544	111337	28-1656	111800
28-0825	111250	28-0934	110620	28-1545	111170	28-1656	112056
28-0826	110679	28-0934	110628	28-1546	111325	28-1657	111620
28-0827	110168	28-0934	110678	28-1546	112756	28-1657	111654
28-0827	110458	28-0935	111288	28-1547	112744	28-1659	110686
28-0830	110706	28-0935	112763	28-1553	110505	28-1662	110619
28-0831	110697	28-0937	111288	28-1558	112729	28-1665	112782
28-0833	110969	28-0937	112763	28-1558	112798	28-1668	112557
28-0836	110318	28-0940	110107	28-1560	110965	28-1669	112453
28-0836	110672	28-0940	111653	28-1560	110967	28-1671	110682
28-0836	110805	28-0941	112149	28-1561	110682	28-1672	111268
28-0839	110702	28-0943	110919	28-1563	111139	28-1675	110385
28-0842	114203	28-0944	112149	28-1564	112270	28-1679	111372
28-0846	110921	28-0945	111653	28-1565	113793	28-1680	111166
28-0847	110908	28-0945	112735	28-1569	110663	28-1680	113376
28-0849	110914	28-0946	111653	28-1570	110700	28-1682	110267
28-0849	110972	28-0948	110902	28-1571	113347	28-1684	113920
28-0849	111168	28-0948	111141	28-1572	111176	28-1686	110682
28-0850	110445	28-0950	111287	28-1572	111741	28-1688	110663
28-0851	111093	28-0950	112763	28-1573	110564	28-1689	110692
28-0852	111705	28-0952	111152	28-1575	111147	28-1691	111169
28-0853	110684	28-0954	111154	28-1578	110891	28-1691	111800
28-0854	110913	28-0955	110911	28-1579	110678	28-1691	112056
28-0857	110168	28-0956	111095	28-1579	111705	28-1694	111705
28-0858	111178	28-0956	111287	28-1582	110540	28-1695	110679
28-0858	111800	28-0957	110913	28-1583	112746	28-1696	111243
28-0859	110358	28-0958	111094	28-1585	111147	28-1698	112270
28-0861	110920	28-0958	112149	28-1586	110360	28-1701	111339
28-0861	111082	28-0959	112744	28-1586	111035	28-1703	111166
28-0861	112728	28-0963	110693	28-1589	111187	28-1703	113376
28-0863	111891	28-0963	112970	28-1591	113474	28-1704	112769
28-0864	110972	28-0968	110374	28-1595	110622	28-1706	112765
28-0864	111168	28-0971	110348	28-1597	110496	28-1708	112769
28-0865	110972	28-0972	112725	28-1597	111705	28-1709	112795
28-0865	111168	28-0973	111948	28-1598	110664	28-1710	111326
28-0867	111178	28-0977	111692	28-1599	110769	28-1715	110959
28-0869	110923	28-0979	110692	28-1601	110891	28-1715	111710
28-0869	111093	28-0980	112162	28-1602	111740	28-1721	113187
28-0870	111093	28-0981	110965	28-1604	112730	28-1723	110804
28-0871	113574	28-0981	112719	28-1607	112734	28-1724	112736
28-0874	110993	28-0982	110890	28-1608	110916	28-1729	112739
28-0877	110612	28-0982	110912	28-1608	111075	28-1730	111166

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>ELSTOCK</b> <i>Continued</i>							
28-1730	111170	28-1855	110967	28-1975	111082	28-2608	112764
28-1731	111361	28-1862	112765	28-1977	111732	28-2609	113832
28-1732	112093	28-1866	110105	28-1978	110360	28-2615	111325
28-1733	110920	28-1866	113632	28-1978	110913	28-2619	112712
28-1734	111686	28-1867	111705	28-1979	110984	28-2620	110678
28-1735	111035	28-1868	111538	28-1982	112970	28-2620	111705
28-1735	111148	28-1870	112229	28-1983	111285	28-2621	112681
28-1736	112780	28-1871	111426	28-1985	112183	28-2622	111872
28-1742	111226	28-1873	110233	28-1986	112087	28-2623	111179
28-1743	111267	28-1873	110505	28-1992	111148	28-2626	112557
28-1746	111264	28-1876	111800	28-1992	113472	28-2629	111601
28-1747	111294	28-1877	111279	28-1993	112810	28-2629	111963
28-1748	111747	28-1878	110770	28-1993	112813	28-2630	111689
28-1749	111705	28-1878	113474	28-1994	110659	28-2631	113447
28-1750	111536	28-1879	111176	28-1994	110957	28-2633	111353
28-1752	111154	28-1879	111293	28-1997	111048	28-2634	111807
28-1754	110877	28-1880	110267	28-2501	111743	28-2637	112698
28-1755	111237	28-1885	110607	28-2502	111226	28-2641	111309
28-1756	111317	28-1885	111623	28-2503	111171	28-2644	112492
28-1757	111315	28-1885	111754	28-2504	111411	28-2645	111832
28-1759	111364	28-1887	111741	28-2507	111048	28-2648	113531
28-1760	111605	28-1888	111948	28-2509	111803	28-2651	111689
28-1762	110968	28-1894	112098	28-2513	110993	28-2652	111812
28-1764	111418	28-1895	110496	28-2514	110607	28-2653	111891
28-1765	111094	28-1896	111186	28-2514	111623	28-2654	111704
28-1768	111352	28-1897	110325	28-2514	111742	28-2655	111929
28-1769	110891	28-1900	112967	28-2514	111754	28-2657	111955
28-1771	113632	28-1901	111141	28-2517	111692	28-2658	111318
28-1775	111620	28-1906	110622	28-2519	111316	28-2659	111831
28-1777	110770	28-1908	111467	28-2520	111148	28-2660	111287
28-1777	111355	28-1910	111406	28-2522	111507	28-2660	112799
28-1777	112722	28-1912	110769	28-2527	111266	28-2662	112121
28-1778	111620	28-1913	111514	28-2528	110693	28-2663	112530
28-1780	113519	28-1916	110675	28-2532	111200	28-2665	111428
28-1781	111278	28-1917	110631	28-2533	111517	28-2666	111872
28-1783	112718	28-1920	111479	28-2534	111237	28-2667	112557
28-1784	111238	28-1926	112967	28-2535	112777	28-2670	113921
28-1785	110967	28-1929	111477	28-2536	111951	28-2673	111036
28-1787	111166	28-1929	111820	28-2537	111518	28-2673	113471
28-1788	111342	28-1930	111611	28-2538	112529	28-2675	111722
28-1790	112759	28-1934	111437	28-2540	111518	28-2676	110675
28-1792	111356	28-1939	111352	28-2543	111355	28-2677	111482
28-1792	111362	28-1940	110701	28-2544	113632	28-2678	111620
28-1792	111364	28-1942	111605	28-2550	111354	28-2679	111498
28-1792	111368	28-1943	112777	28-2550	111369	28-2680	111532
28-1794	110264	28-1946	110048	28-2551	112683	28-2680	112467
28-1795	111267	28-1946	110127	28-2554	110806	28-2681	111267
28-1796	111432	28-1947	111152	28-2554	111929	28-2684	110672
28-1805	110659	28-1947	111154	28-2555	111435	28-2685	110178
28-1808	111491	28-1947	112149	28-2556	111739	28-2685	110891
28-1809	110660	28-1949	110127	28-2557	111176	28-2687	113604
28-1810	111578	28-1950	110882	28-2557	111289	28-2689	112689
28-1812	111314	28-1951	110985	28-2558	112746	28-2690	112230
28-1813	111578	28-1951	112337	28-2558	112815	28-2691	110759
28-1814	111291	28-1951	112338	28-2560	110923	28-2691	111086
28-1816	112777	28-1951	112629	28-2560	111354	28-2692	112768
28-1816	113758	28-1951	112640	28-2562	111406	28-2694	110703
28-1817	112806	28-1952	110127	28-2566	111811	28-2695	114084
28-1819	111741	28-1953	111354	28-2567	112151	28-2697	111413
28-1820	112299	28-1955	111309	28-2568	111266	28-2700	111689
28-1821	111579	28-1955	111375	28-2572	111223	28-2701	110360
28-1821	112860	28-1956	112529	28-2574	111888	28-2702	111319
28-1822	112810	28-1957	110621	28-2575	110234	28-2704	112325
28-1823	111427	28-1960	112329	28-2580	111164	28-2706	111416
28-1824	111171	28-1962	112298	28-2581	112207	28-2708	112065
28-1825	111139	28-1962	113439	28-2582	112687	28-2709	111688
28-1825	111149	28-1964	110499	28-2584	111267	28-2713	110496
28-1827	112734	28-1964	111388	28-2585	112687	28-2714	111537
28-1828	110631	28-1965	110612	28-2587	111988	28-2715	112069
28-1830	112046	28-1965	111176	28-2588	111477	28-2716	113533
28-1832	111687	28-1966	111940	28-2589	111898	28-2717	111505
28-1833	111676	28-1967	110675	28-2591	111820	28-2718	111894
28-1835	110881	28-1967	111428	28-2592	112703	28-2720	111991
28-1836	111280	28-1969	112299	28-2594	112287	28-2720	112709
28-1838	111178	28-1970	112230	28-2599	112102	28-2721	111409
28-1840	111363	28-1970	112292	28-2601	112800	28-2724	113536
28-1841	111609	28-1971	111807	28-2604	110986	28-2726	111963
28-1842	111169	28-1972	112750	28-2605	112860	28-2728	113939
28-1843	110770	28-1973	114026	28-2607	112679	28-2730	112528

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
28-2731	111403	28-2872	112330	28-2993	111940	28-3622	111854
28-2731	113839	28-2872	113291	28-2996	113340	28-3623	111435
28-2732	113667	28-2873	112348	28-2997	111846	28-3625	111468
28-2733	111860	28-2874	113383	28-2998	113785	28-3626	113879
28-2734	113537	28-2880	112557	28-2999	112324	28-3628	112639
28-2735	111505	28-2881	111232	28-3502	113350	28-3629	112679
28-2735	113537	28-2882	113485	28-3503	111623	28-3630	113754
28-2736	111468	28-2883	111978	28-3503	111742	28-3631	112358
28-2744	112098	28-2884	111353	28-3504	113867	28-3634	112418
28-2745	112056	28-2885	112722	28-3505	112540	28-3635	112357
28-2746	112775	28-2887	113788	28-3506	110500	28-3637	112078
28-2750	112356	28-2890	112351	28-3506	112639	28-3638	112332
28-2751	112191	28-2892	111797	28-3507	113349	28-3639	113406
28-2752	111354	28-2893	111369	28-3509	113885	28-3642	111375
28-2754	110770	28-2894	112578	28-3510	113832	28-3644	113888
28-2754	111738	28-2895	111719	28-3511	111788	28-3645	112195
28-2758	110699	28-2895	112679	28-3512	111318	28-3646	110471
28-2759	111594	28-2898	112387	28-3516	112812	28-3646	110508
28-2763	111898	28-2899	113869	28-3518	112750	28-3647	113942
28-2764	111223	28-2900	112328	28-3519	111289	28-3648	113403
28-2769	111902	28-2901	111726	28-3519	111362	28-3655	112199
28-2770	111319	28-2902	110503	28-3524	112406	28-3657	111990
28-2772	111515	28-2903	111767	28-3525	111779	28-3658	112270
28-2774	111376	28-2904	110957	28-3525	114245	28-3660	112144
28-2777	111899	28-2905	113786	28-3527	112696	28-3661	110659
28-2779	111579	28-2906	113519	28-3529	112194	28-3665	111708
28-2781	111623	28-2908	111883	28-3532	111032	28-3667	111741
28-2781	111742	28-2909	110496	28-3533	111722	28-3668	113486
28-2782	111587	28-2909	113636	28-3535	113879	28-3669	112144
28-2783	111890	28-2911	110882	28-3536	111626	28-3670	113848
28-2784	113469	28-2912	111264	28-3537	111285	28-3671	112548
28-2786	112228	28-2915	111514	28-3538	111626	28-3672	111779
28-2790	111903	28-2920	112705	28-3538	111956	28-3677	113848
28-2792	112556	28-2923	111514	28-3540	110660	28-3680	113489
28-2794	112775	28-2925	111893	28-3541	113077	28-3683	112772
28-2795	112688	28-2926	113833	28-3542	111468	28-3685	114386
28-2797	113500	28-2929	111718	28-3544	111480	28-3689	113489
28-2798	112698	28-2932	112772	28-3545	111627	28-3691	112194
28-2799	111956	28-2933	112805	28-3547	111381	28-3693	113315
28-2800	112349	28-2934	112753	28-3548	111806	28-3694	112072
28-2803	111598	28-2938	112086	28-3550	112362	28-3695	113603
28-2804	112129	28-2939	111018	28-3553	112025	28-3698	112045
28-2805	111017	28-2940	111843	28-3554	111337	28-3698	113770
28-2809	111279	28-2940	113531	28-3556	111294	28-3699	111934
28-2811	112375	28-2946	113498	28-3557	110235	28-3701	111723
28-2812	113785	28-2950	113864	28-3559	112025	28-3702	112458
28-2813	113758	28-2952	110105	28-3564	113076	28-3703	112193
28-2815	111946	28-2952	113632	28-3565	111902	28-3704	111943
28-2816	112067	28-2953	111375	28-3566	112021	28-3705	112397
28-2821	111289	28-2954	113498	28-3567	110679	28-3707	113864
28-2823	112352	28-2956	112780	28-3568	112202	28-3709	113275
28-2824	111148	28-2957	111934	28-3569	111902	28-3711	111953
28-2825	110622	28-2961	111095	28-3571	111416	28-3712	112079
28-2828	113914	28-2961	111287	28-3573	112556	28-3714	113200
28-2829	111993	28-2963	111850	28-3574	111934	28-3717	111781
28-2830	110805	28-2964	112043	28-3577	111416	28-3718	112529
28-2831	111337	28-2966	111512	28-3580	111568	28-3720	112197
28-2832	112209	28-2968	111980	28-3584	111712	28-3721	112333
28-2834	111828	28-2972	113634	28-3587	111388	28-3724	112396
28-2835	111289	28-2973	112709	28-3590	111157	28-3727	111937
28-2839	111381	28-2975	112198	28-3592	112042	28-3729	111216
28-2843	112798	28-2976	112531	28-3594	111820	28-3730	112777
28-2844	112128	28-2977	111787	28-3594	111884	28-3731	112389
28-2845	111802	28-2978	111294	28-3595	111252	28-3735	111478
28-2847	111824	28-2979	111989	28-3595	112842	28-3737	112190
28-2848	112205	28-2979	115482	28-3596	111353	28-3738	112057
28-2849	111756	28-2980	112355	28-3597	111090	28-3740	112203
28-2850	112530	28-2981	110912	28-3598	112448	28-3742	112777
28-2851	111478	28-2981	112719	28-3601	112075	28-3743	112194
28-2855	110724	28-2982	110629	28-3602	110234	28-3744	112425
28-2858	112035	28-2984	113868	28-3602	110235	28-3745	112394
28-2860	110471	28-2985	112079	28-3604	112884	28-3746	111895
28-2861	111405	28-2986	111946	28-3605	112613	28-3749	113869
28-2862	113770	28-2987	112719	28-3606	110238	28-3750	113336
28-2863	112680	28-2988	113887	28-3610	111199	28-3750	113943
28-2864	111820	28-2990	112002	28-3612	112194	28-3751	111355
28-2865	111397	28-2990	114797	28-3612	112774	28-3752	112460
28-2866	113611	28-2990	115483	28-3614	110683	28-3753	113684
28-2869	112165	28-2991	111883	28-3615	112774	28-3755	112458

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>ELSTOCK</b> <i>Continued</i>							
28-3756	112193	28-3900	113882	28-4614	113248	28-4925	113955
28-3757	111740	28-3906	112102	28-4616	113771	28-4925	114801
28-3760	112273	28-3911	112774	28-4616	113772	28-4926	113996
28-3761	112058	28-3917	113870	28-4618	113246	28-4930	113404
28-3763	114708	28-3918	112939	28-4621	112426	28-4935	113720
28-3765	113035	28-3919	112002	28-4621WH	112426	28-4945	113953
28-3766	111779	28-3919	114797	28-4622	113404	28-4953	111712
28-3768	112190	28-3921	113889	28-4628	112457	28-4954	113197
28-3770	111890	28-3922	113404	28-4630	112401	28-4970	114257
28-3772	113405	28-3923	112420	28-4631	113322	28-4972	115317
28-3773	112492	28-3925	111048	28-4632	113599	28-4987	113536
28-3774	111722	28-3926	112465	28-4633	112471	28-4988	113837
28-3776	111775	28-3928	112413	28-4637	112327	28-4989	113993
28-3778	113442	28-3931	112413	28-4639	113536	28-4992	113956
28-3779	112539	28-3932	110487	28-4641	113272	28-4998	114131
28-3782	113085	28-3933	112093	28-4642	113298	28-5502	114130
28-3784	112274	28-3935	112073	28-4643	113317	28-5506	112021
28-3791	114679	28-3936	112415	28-4645	113913	28-5508	113881
28-3794	112075	28-3938	112144	28-4648	113336	28-5524	113791
28-3797	113763	28-3944	112414	28-4649	113280	28-5531	114042
28-3799	112338	28-3949	112469	28-4650	111947	28-5535	113971
28-3800	112065	28-3950	111775	28-4665	114120	28-5538	113330
28-3801	111823	28-3951	112414	28-4675	112406	28-5545	114109
28-3801	112196	28-3952	111895	28-4684	113787	28-5547	114023
28-3802	112059	28-3953	113836	28-4689	113950	28-5560	113904
28-3802	113485	28-3956	111950	28-4693	111355	28-5564	113861
28-3803	112480	28-3957	111507	28-4699	113324	28-5565	113791
28-3806	112363	28-3958	113518	28-4701	113272	28-5568	114245
28-3807	112407	28-3963	113708	28-4702	113755	28-5579	114080
28-3809	113089	28-3965	113403	28-4704	113948	28-5588	113862
28-3810	112327	28-3968	112358	28-4706	113331	28-5591	113958
28-3811	113306	28-3979	112063	28-4713	113874	28-5613	113902
28-3812	111710	28-3982	111934	28-4716	113352	28-5615	112860
28-3814	113285	28-3989	112419	28-4719	113283	28-5620	114806
28-3815	110499	28-3995	113952	28-4722	113264	28-5624	113898
28-3816	113575	28-4500	112472	28-4725	113951	28-563	110134
28-3817	112079	28-4504	113317	28-4726	113439	28-5630	114664
28-3817	113952	28-4507	113486	28-4728	113944	28-5634	113600
28-3818	113440	28-4509	113771	28-4731	113253	28-5636	114189
28-3823	110630	28-4511	112359	28-4736	112772	28-5640	114704
28-3824	111018	28-4512	112468	28-4737	113407	28-5641	114102
28-3826	111605	28-4514	111780	28-4745	114201	28-5650	113941
28-3828	111895	28-4515	112648	28-4746	113718	28-5653	113758
28-3831	112327	28-4516	112328	28-4751	114215	28-5655	114768
28-3834	111538	28-4521	112401	28-4768	113954	28-5656	114088
28-3835	111830	28-4522	113942	28-4773	113992	28-5657	114673
28-3836	112636	28-4527	113939	28-4775	113889	28-5659	113863
28-3837	112461	28-4532	111364	28-4781	114115	28-5663	114857
28-3837	114798	28-4535	114663	28-4799	114112	28-5665	113302
28-3839	112271	28-4537	113300	28-4809	114101	28-5666	114658
28-3840	112428	28-4538	114084	28-4811	113884	28-5673	114705
28-3841	113296	28-4542	114214	28-4812	113896	28-5673	115490
28-3843	112062	28-4544	113404	28-4814	113657	28-5687	112457
28-3847	112428	28-4545	113328	28-4816	113947	28-5688	113285
28-3850	111965	28-4547	113352	28-4818	113252	28-5692	113946
28-3851	112462	28-4548	112428	28-4820	113720	28-5694	113987
28-3852	113519	28-4551	110488	28-4823	113439	28-5703	113946
28-3853	112402	28-4555	113404	28-4824	113685	28-5708	114665
28-3855	111678	28-4556	113878	28-4825	111402	28-5715	113405
28-3856	110959	28-4562	113296	28-4829	114128	28-5716	113575
28-3857	111719	28-4567	112415	28-4836	113871	28-5729	114736
28-3859	113330	28-4571	112330	28-4840	113519	28-5733	114291
28-3865	112399	28-4573	112693	28-4842	113279	28-5760	111719
28-3866	114114	28-4580	112360	28-4849	113858	28-5763	112205
28-3867	111967	28-4582	111309	28-4853	113316	28-5768	113992
28-3868	113283	28-4586	111850	28-4855	114877	28-5771	114076
28-3870	113407	28-4587	111850	28-4866	113877	28-5790	113253
28-3872	112398	28-4596	113249	28-4869	111884	28-5792	112557
28-3875	113285	28-4597	113517	28-4872	114242	28-5798	113310
28-3876	113510	28-4600	112467	28-4875	113837	28-5824	114311
28-3877	113577	28-4601	113336	28-4876	114122	28-5846	111847
28-3879	112750	28-4602	113697	28-4889	113718	28-5857	114662
28-3885	114158	28-4603	113247	28-4892	114258	28-5885	114202
28-3887	113751	28-4605	111075	28-4908	113792	28-5902	114379
28-3888	112416	28-4606	113503	28-4909	113722	28-5922	114304
28-3891	112471	28-4610	113245	28-4914	113721	28-5950	114229
28-3894	114241	28-4611	112397	28-4917	113535	28-5964	114779
28-3898	112068	28-4612	112470	28-4919	113919	28-5965	114694
28-3899	112128	28-4613	111568	28-4923	113956	28-6632	115340

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
28-726	110969	45-1271	111219	45-2459	110582	48-0741	110761
28-761	112310	45-1274	110534	45-2469	115345	48-0741	110906
28-773	110912	45-1286	112174	45-2488	112227	48-0741	113920
28-854	110913	45-1297	110981	45-2488	114100	48-0780	110117
28-946	110767	45-1298	113464	45-252	110521	48-0808	110567
28-950	111154	45-1300	111003	45-3007	112494	48-0848	111528
45-0016	110566	45-1302	110207	45-3020	113979	48-0848	111658
45-0030	110531	45-1320	113466	45-3066	112581	48-0848	113477
45-0091	110512	45-1330	110616	45-3067	114033	48-0860	110052
45-0113	110527	45-1354	114047	45-3089	112507	48-0878	110895
45-0114	110214	45-1366	110980	45-3097	113277	48-0889	111614
45-0123	111218	45-1368	110582	45-3103	113468	48-0901	112758
45-0128	110512	45-1370	110535	45-3110	113356	48-0909	112779
45-0128	110601	45-1382	110580	45-3184	113676	48-0930	110448
45-0128	111249	45-1387	110560	45-3193	113484	48-0985	111344
45-0133	110205	45-1392	110580	45-3198	111003	48-0995	111146
45-0150	110212	45-1392	113499	45-3199	113466	48-1501	113477
45-0150	110213	45-1393	112649	45-3259	112822	48-1506	110801
45-0174	110524	45-1394	110556	45-3261	112823	48-1548	111527
45-0178	111637	45-1401	110555	45-3281	113609	48-1550	110902
45-0179	111636	45-1401	114164	45-3302	114523	48-1550	112784
45-0180	110209	45-1403	112120	45-3302	115514	48-1592	111419
45-0180	110932	45-1404	110556	45-3331	113468	48-1592	111987
45-0184	110534	45-1409	110555	45-3332	113759	48-1593	111629
45-0185	110206	45-1409	111020	45-3350	113760	48-1593	111842
45-0190	110210	45-1428	110512	45-3353	112498	48-1593	112343
45-0197	110207	45-1429	110524	45-3370	114169	48-1596	110076
45-0200	110205	45-1430	110209	45-3394	113453	48-1596	111834
45-0202	110520	45-1430	110932	45-3400	113608	48-1619	111493
45-0206	111218	45-1431	111637	45-3429	112227	48-1632	110163
45-0219	110523	45-1445	111231	45-3429	114100	48-1634	112345
45-0219	113464	45-1462	110490	45-3439	113934	48-1744	111629
45-0228	110518	45-1463	112243	45-3443	113891	48-1745	110113
45-0249	112651	45-1468	114438	45-3444	113859	48-1758	111658
45-0252	110517	45-1468	114744	45-345	110517	48-1758	113477
45-0252	110521	45-1477	110524	45-3468	114310	48-1782	111527
45-0291	110206	45-1498	113191	45-3494	113672	48-1782	112757
45-0313	110212	45-184	110534	45-398	110521	48-1801	112076
45-0316	113484	45-202	110520	45-4013	114073	48-1826	112803
45-0327	110208	45-2044	111097	45-4073	113984	48-1845	110800
45-0329	112091	45-2059	110347	45-4135	114193	48-1874	113129
45-0330	110212	45-2061	110512	45-4200	114323	48-1893	111146
45-0331	110601	45-2090	112323	45-469	111231	48-1904	110761
45-0342	110998	45-2113	112372	45-473	111231	48-1905	112159
45-0345	110517	45-2116	112116	47-0539	110766	48-1905	112561
45-0354	112132	45-2138	111679	47-0540	112097	48-1919	110116
45-0381	110212	45-2146	112090	47-0541	112097	48-1921	110766
45-0398	110521	45-2146	112091	47-0605	110052	48-1922	110906
45-0399	110214	45-2170	112342	47-0659	110116	48-1922	113920
45-0412	113466	45-2173	114319	47-0660	110766	48-1931	111261
45-0422	111638	45-2175	112055	47-0666	110113	48-1935	112252
45-0422	114047	45-2178	111910	47-0734	110766	48-1948	112110
45-0435	110512	45-2184	110206	47-0872	110052	48-1988	114077
45-0438	110999	45-2188	112055	47-0884	111596	48-2545	112076
45-0440	110347	45-2196	110944	47-0895	111331	48-2563	111746
45-0445	110616	45-2198	113850	47-0896	111331	48-2603	111782
45-0469	111231	45-2201	112224	47-0920	111613	48-2613	111631
45-0473	111231	45-2213	110999	47-1509	111613	48-2639	111886
45-0476	110723	45-2214	111254	47-1588	110563	48-2671	111808
45-0476	111393	45-2240	111399	47-1606	111484	48-2740	110801
45-0478	110616	45-2279	111771	47-2748	111613	48-2742	112097
45-0479	112119	45-228	110518	48-0508	111295	48-2743	110801
45-0488	110208	45-2308	113468	48-0529	112747	48-2756	111833
45-1005	111558	45-2332	111254	48-0541	112097	48-2765	113470
45-1027	111000	45-2333	111247	48-0590	110043	48-2838	112288
45-1038	113194	45-2344	114523	48-0590	110163	48-2842	112343
45-1060	110581	45-2345	111000	48-0590	111834	48-2851	111720
45-1091	111640	45-2353	112037	48-0591	110043	48-2852	111720
45-1095	111913	45-2360	112507	48-0591	110076	48-2859	111842
45-1101	110576	45-2361	113203	48-0591	111834	48-2922	111569
45-1123	110213	45-2375	110206	48-0636	112261	48-2937	112561
45-1123	110532	45-2377	110210	48-0644	110112	48-2955	113488
45-1154	113468	45-2397	111000	48-0659	110116	48-2989	111987
45-1185	112670	45-2401	113184	48-0666	110113	48-2992	110591
45-1211	113210	45-2408	110576	48-0697	110163	48-3674	111987
45-1227	110998	45-2408	113195	48-0710	112210	48-3675	111842
45-1245	111231	45-2432	114398	48-0734	110117	48-3681	113186
45-1267	110999	45-2452	112437	48-0734	110766	48-3684	112170
45-1271	110519	45-2455	112116	48-0741	110113	48-3687	112561

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>ELSTOCK</b> <i>Continued</i>		<b>FEMSA</b>		X830100004	111232	4474746	110352
48-3692	110300	ALB12-117	110349	X830100009	111332	4474747	110352
48-3719	112252	ALB40-68	110611	<b>FIAT</b>			
48-3728	111631	ALB40-86	110611	992235	111035	4474750	110352
48-3736	112189	ALD12N-53	110743	2022607	110882	4474752	111180
48-3764	113477	ALF12-18	110968	2022612	110890	4474815	110899
48-3771	113448	ALG12-7	110745	2961928	110530	4474816	110899
48-3780	111295	ALG12N-28	110745	4052100	110349	4474851	110608
48-3785	112211	ALN12-1	110743	4152101	110611	4474852	110608
48-3844	111295	ALP12N-1	110969	4152610	112097	4474902	112097
48-3984	113289	ALP12N-12	110759	4152612	110882	4474903	110611
48-4552	112427	ALP12N-2	110178	4166213	110611	4474904	110611
48-4563	113923	ALP12N-20	111078	4169096	110813	4475266	111180
48-4584	112168	ALP12N-24	111078	4172004	110521	4475268	111180
48-4793	112424	ALS12-81	110350	4172113	110529	4475303	110611
48-4845	113284	ALS12N-24	111138	4174626	110611	4478678	110912
48-4859	113188	ALS12N-25	110612	4179626	110532	4682998	110813
48-4859	115484	ALS12N-51	111289	4187587	110521	4682999	110521
48-4867	113351	ALS12N-54	110612	4198600	110338	4691200	110517
48-5519	111842	ALS12N-55	111138	4198601	110338	4692477	110521
48-5534	113284	ALS12N-56	111138	4220356	112097	4692877	110521
48-5610	112160	ALS12N-64	110612	4220539	112097	4699704	110521
48-5652	114110	ALS12N-72	111289	4222697	110349	4699705	110529
48-5686	111631	ALS12N-75	111289	4224325	110899	4701920	110521
48-5761	115381	ALS12N-82	110348	4229113	110365	4702248	110529
48-666	110906	ALS12X-65	110920	4229114	110365	4703751	110529
48-741	110113	ALS12X-77	110920	4229116	110365	4706008	110518
<b>ELTRA</b>		ALT12N-11	110178	4231016	110521	4706720	110520
64013708	113431	ALT12N-13	110968	4231018	110521	4706931	110517
<b>FAE</b>		ALT12N-14	110178	4232191	110521	4710224	110813
3018	113094	ALT12N-2	110968	4242498	110611	4711699	110814
4408	111264	ALT12N-39	110178	4242730	110890	4711700	110882
4429	110802	DNL12-22	110482	4257063	110899	4712894	110812
4439	113077	DNL12E-42	110483	4257074	110899	4713805	110519
4473	111309	MOC12-2	110793	4257771	110899	4713806	110522
4487	110659	MTA12-14	110367	4263584	110890	4713807	110812
4557	113628	MTA12-19	110367	4263983	110890	4715786	112097
4625	112977	MTA12-19M	110367	4269114	110521	4716026	110518
4637	113563	MTA12-30	111100	4274815	110899	4716062	110518
4676	111285	MTA12-37	110367	4275283	110899	4716062	110518
4685	113027	MTA12-39	110365	4275285	110899	4717871	112097
4697	113636	MTA12-39M	110365	4275286	110899	4719664	110814
4851	112327	MTA12-43	110367	4275286	110899	4721587	110882
4860	113656	MTA12P-15	110367	4285622	110890	4721589	110890
4863	113652	MTA12-P19	110367	4287971	110608	4721591	110890
4883	113027	MTA12-P30	110856	4287972	110608	4721592	110890
4910	113559	MTA12P-7	110856	4287972	110608	4721890	112097
4942	113372	MTC252-7	110450	4288328	110608	4722682	110813
4980	113607	MTC25-27	110566	4325179	110899	4722724	112097
4996	113027	MTD12-14	110352	4329019	110611	4728682	110813
6141	113629	MTL12-10	115423	4382200	111138	4731839	110890
6407	111786	MTS12-10	110367	4386883	111138	4732241	110532
6448	110810	MTS12-22	110338	4392831	111138	4732242	110213
6456	111374	MTS12-29	110365	4395131	111035	4735444	110521
6466	112300	MTS12-37	110367	4395134	110612	4737754	110521
6840	113665	MTS12-39	110365	4401806	110365	4737755	110529
6858	113665	MTS12-42	110365	4403045	111289	4737756	110518
6860	113620	MTS12-48	110365	4405303	110612	4737757	110520
6864	113618	MTS12-50	110367	4412894	110812	4737759	110522
6868	113638	MTS12-51	110367	4418109	110612	4738026	111419
6869	113521	MTS12-51	110367	4419109	110612	4738563	112097
6870	113020	MTS12P-19	110338	4419794	110612	4738569	112097
6872	113638	<b>FENDT</b>		4424346	110912	4738570	112097
6894	111909	F135902060010	111332	4434083	110612	4738571	112097
6927	113613	F139900060011	112039	4434084	111035	4738772	112097
6930	113630	F1716900060010	114475	4436732	110338	4738775	112097
6942	113642	F1716900060060	112071	4447411	110912	4741669	110812
<b>FAUN</b>		F716900060010	114475	4448694	110812	4741699	110812
1701054	110525	F716900060060	112071	4451759	111078	4744841	110517
1701061	110524	F836900060010	114475	4456152	111078	4745930	110814
1701065	110523	F836900060060	114475	4458618	111078	4750583	110890
1702114	110766	F926900060130	113468	4468806	110365	4752403	110517
1702117	111141	F934900060010	114838	4469985	111106	4755108	110521
1702118	110113	F934900060060	114475	4469986	111106	4755109	110529
1702121	112747	G198902011010	111978	4469987	111106	4755110	110522
4159015	113464	G345900011010	112098	4470118	111106	4755111	110518
4792491	112747	G515900010100	112196	4470266	111148	4755113	110520
		X830060011	110641	4470377	112289	4757192	111419
		X830060020	112098	4470378	112289	4757193	111419
		X830060022	112098	4470411	111138	4757194	111419
		X830100001	110536	4474729	111180	4759929	110813

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
04763995	110521	5992155	111620	7701840	111654	46231700	111620
4763995	110521	5997309	111619	7702245	113472	46231705	111689
4765931	111686	5999868	111036	7704356	111687	46231722	113667
4765933	111686	5999869	111036	7708433	111032	46231725	111138
4765934	111686	5999906	111025	7711092	111687	46231735	111620
4780974	110347	6706931	110517	7713061	112777	46231740	111620
4782802	110532	7533853	111035	7713140	113471	46231745	111620
4782803	110213	7541401	111620	7713141	111036	46231751	110882
4784745	110582	7541569	112455	7715319	111148	46231755	110912
4784747	110582	7541775	110360	7716196	112125	46231756	111654
4786023	114446	7541823	111035	7716197	110854	46231757	112768
4786913	112097	7546342	111078	7716198	111117	46231758	111686
4787665	110882	7546343	111078	7716766	111619	46231760	111148
4787668	111686	7547791	111148	7716767	112125	46231762	111654
4787671	111686	7547935	111620	7719428	111032	46231786	110890
4799364	111418	7548143	111620	7726946	111421	46231787	112681
4800503	111686	7552264	111654	7727484	112455	46305329	113942
4800504	111686	7552284	112719	7733966	112289	46406469	110854
4807373	110813	7552382	111654	7737262	111585	46406471	110854
4807374	110814	7552459	110612	7740560	110521	46406472	110854
4807375	110529	7554830	111620	7750751	111654	46406973	111685
4807376	110522	7554832	111620	7762899	112540	46407644	111411
4807377	110517	7554833	111620	7765558	111035	46407646	113537
4807378	110521	7555131	111106	7769840	111568	46407647	111411
4807379	110518	7564668	110812	7770210	113752	46407648	111689
4808498	110882	7565244	110882	7772459	111422	46412678	111413
4808500	111418	7565391	111620	7773812	112124	46412679	113667
4808502	111418	7565393	111620	7774480	112780	46416343	113537
4808503	110890	7565395	111620	7774481	112780	46417006	112124
4808505	110890	7565398	110612	7779820	113537	46419297	111411
4808506	111686	7565559	111148	7779821	111505	46419321	111689
4808507	111418	7565560	112768	7781075	111409	46419332	111420
4808510	111686	7565588	110612	7782314	113942	46419392	111420
4808511	111686	7565832	111621	7785449	111422	46420960	111411
4808517	111686	7575998	110912	7796598	111422	46420961	113537
4808518	111686	7580192	111619	7810362	111148	46420962	111689
4808519	112097	7580206	110612	8122161	110534	46420965	111416
4808526	112097	7580207	111035	8823932	111270	46420966	111568
4808528	112097	7580209	111148	8961386	110520	46423006	111860
4816170	110999	7580575	113846	8962534	110520	46425518	111568
4844266	111419	7581975	110360	42498212	110518	46428729	113667
4849155	110686	7588791	111148	43420960	111411	46428731	111413
4849157	110686	7588942	112455	46208436	112026	46428733	111689
4856055	111693	7589005	111421	46231500	111585	46428734	111688
4856056	110814	7589151	111421	46231503	110608	46429594	112382
4919664	110814	7589547	112289	46231504	110365	46430110	111802
4998353	111180	7589655	112289	46231505	110365	46430524	113537
5101645	110882	7596859	111148	46231508	110608	46430527	111413
5111319	113381	7612952	111025	46231510	111025	46430528	113536
5895028	111411	7621040	111025	46231525	110338	46430530	111720
5895033	113537	7626281	110854	46231535	112289	46430533	113939
5920974	110912	7629272	111654	46231540	112124	46430721	113752
5943452	110912	7631385	112771	46231575	111106	46430784	113430
5947366	111078	7634024	111860	46231592	112455	46431710	111620
5947376	111078	7634026	112777	46231600	111117	46431712	112771
5955501	110612	7636428	113471	46231601	111619	46432262	114123
5955503	111148	7636431	113471	46231602	111619	46432301	111585
5955504	111148	7641842	111620	46231640	110812	46432411	111689
5955557	111620	7641975	111860	46231642	113846	46435106	113684
5958394	111035	7642261	112125	46231643	113451	46436507	111505
5958395	111035	7646189	111620	46231644	111421	46437412	113684
5958565	111620	7646261	111620	46231650	111687	46437520	114321
5959701	111117	7647595	111620	46231655	111078	46439700	113752
5959702	111106	7651070	113472	46231657	111036	46442777	111568
5960289	111620	7651074	111148	46231658	113471	46445094	111620
5960292	110912	7651812	112719	46231659	111036	46445096	111620
5962647	110912	7665826	111148	46231660	111036	46445100	113472
5967595	111035	7666135	113846	46231670	111413	46445102	112719
5967596	111035	7666528	112289	46231675	111036	46445103	111654
5967965	110612	7667227	111025	46231678	111148	46445658	113942
5968605	112289	7667795	110612	46231680	111180	46445660	113939
5970230	110912	7668988	111585	46231682	111148	46446292	112719
5972197	110912	7680619	112125	46231684	111035	46454211	111685
5972684	110365	7689341	112777	46231687	111035	46464276	111416
5973034	111078	7692102	113752	46231688	111148	46465273	110365
5973035	111078	7697863	111620	46231689	111148	46465475	114123
5976915	110912	7697864	111620	46231691	113472	46468696	111685
5985556	111117	7697867	111860	46231692	113684	46472225	111687
5992153	111620	7699408	112771	46231698	111689	46473784	113430

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>FIAT Continued</b>							
46475793	112124	47132888	114002	55353257	113843	77145410	111180
46478945	113430	47137534	114002	55561503	113843	77145430	110338
46518059	111422	50012833	110912	55564491	114029	77175430	110365
46519138	113537	51217620	111180	55779086	114054	77201430	110365
46522234	112379	51700670	114462	55779086	115516	77211411	111138
46528046	113471	51700675	114462	55832949	114833	77235430	111117
46530060	111411	51709131	113535	60512969	112454	77250410	111180
46532168	111568	51709133	113718	60620761	111685	77276430	110608
46532668	112190	51714791	113535	60652354	113848	77276431	110608
46540293	111416	51714794	113718	60812535	113942	77305410	111036
46542889	113718	51718499	113720	60812989	113536	77305430	111025
46544329	113943	51742335	113536	60813210	113848	77320410	111035
46548653	113962	51754153	114431	60816045	113943	77323410	110912
46548654	112382	51764265	114493	60816046	113942	77323430	111619
46554402	114899	51772325	113962	60816557	113943	77338410	110912
46554404	113535	51776205	112445	60817002	113931	77340410	110912
46554407	113752	51779086	114054	60817038	113536	77340411	110912
46559015	113537	51779086	115516	61227993	110208	77347410	113471
46737560	112382	51782321	113931	63604238	113848	77347411	111036
46740242	112382	51784845	113722	70699268	111261	77367410	110612
46740243	113939	51784846	114451	71716554	111130	77367411	111035
46748349	112445	51784847	113721	71716562	114460	77398430	112289
46748350	112445	51787196	114706	71716563	114460	77401410	111148
46748351	113430	51787208	113720	71716564	111070	77412410	111654
46748353	113336	51787209	113722	71716565	114460	77414430	110521
46748357	113535	51788658	114806	71716600	112230	77414431	110521
46758240	112436	51804744	115312	71716607	112058	77444430	110521
46763529	112382	51805799	113720	71716608	113603	77445430	110521
46763530	114123	51805800	113722	71716609	112480	77452410	111686
46763533	113943	51805803	113721	71716671	112460	77503410	111620
46763534	113943	51810307	115400	71718905	112480	77510410	111138
46765835	111409	51810308	115399	71719595	111070	77510411	111138
46765836	111409	51812501	113962	71719598	111070	77510430	111106
46765837	113939	51832949	114833	71719599	111070	77515410	110882
46765838	113336	51832950	113962	71719600	114460	77515411	110890
46765838	113943	51832951	113962	71719601	111070	77515430	110812
46765839	114123	51832952	113962	71719602	111070	77523410	111148
46765842	113684	51832954	113931	71719603	111070	77525410	111148
46769369	113942	51832956	112445	71719604	111070	77563430	110520
46774413	111568	51832958	114054	71719605	111070	77603411	113472
46774415	112124	51832958	115516	71719606	111070	77603430	112289
46774420	111413	51832959	111685	71719608	114460	77604410	111620
46774429	113987	51833880	112382	71719609	114460	77612430	111066
46774430	113943	51854901	114493	71719943	112460	77679430	111421
46782213	113943	51854903	114806	71719944	113503	88205005	110813
46782218	113338	51854905	113721	71721156	111505	88205006	110529
46782219	113536	51854909	113720	71724236	113719	88205018	110519
46791692	111685	51854910	113722	71728811	114460	88206020	112097
46796553	114123	51854915	113722	71732307	113640	95681447	113959
46797350	110365	51859037	113718	71733552	113640	98490185	112681
46800152	114035	51859038	113535	71739718	111123	98490186	111498
46800158	111411	51859041	114706	71739864	113276	130019808	113451
46800159	113430	51859042	114462	71746669	113430	468235460	113721
46809068	113336	51859053	113943	71746673	113996	500345767	114680
46813058	113962	51859061	114706	71782363	114460	50371244	113247
46813061	112190	51859642	113536	71786195	113946	504033459	113950
46813062	113536	51880229	113719	71789529	113935	504057813	114705
46813064	113962	51890631	113962	71792597	113931	504087183	114705
46816029	114899	51890632	113962	71794530	113931	504385577	114196
46816031	113537	51890633	112382	73501591	113996	517723250	113962
46816793	113962	55185057	114123	73503235	114204	518102660	113719
46816971	114035	55185076	113722	75891510	111421	551952110	113430
46816973	113962	55192482	113931	76221040	111025	605576460	112773
46821681	112445	55192483	113962	77028550	110882	703009641	113721
46823540	113987	55192484	113962	77028560	110814	130019808	113451
46823543	113931	55193355	113962	77040560	110521	1319121080	111130
46823544	114123	55193356	113962	77040561	110521	1319555080	112026
46823545	114123	55193406	111685	77050262	110518	1320921080	111070
46823546	113721	55193407	112445	77050550	112097	1323249080	112772
46823547	113722	55195029	113430	77050561	110517	1329201080	112436
46823548	113719	55195030	112382	77050562	110518	1331329080	112026
46830212	114321	55195211	113931	77065560	110520	1332419080	111070
46835093	114035	55196400	111422	77080560	110517	1342792080	114460
46835094	114035	55201304	112382	77080561	110517	1347058080	113935
46835095	114451	55201305	112382	77097430	110520	1349920080	114054
46841963	112190	55201360	113962	77110410	111078	1349920080	115516
46843091	113718	55201771	114123	77110411	111078	1473638080	112053
46843092	114123	55204116	113719	77130560	110520	1475489080	112053
46843093	114899	55353237	113843	77138410	110611	9150475180	111066

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
9151139080	111066	1032333	113833	1124015	113709	1365666	112235
9603503580	111070	1032652	112151	1126051	112142	1366473	113907
9609313280	110584	1032666	112286	1126987	112290	1366986	113906
9610601580	112299	1035755	112939	1128296	113599	1367529	111374
9611366880	112298	1036244	113447	1130187	111906	1368970	113908
9612259680	112292	1047081	113701	1131820	113709	1368974	113905
9613015980	111130	1053656	112325	1133994	114119	1372737	114064
9613230280	111130	1057652	112235	1135454	113833	1372739	113959
9616862980	112299	1057654	112340	1136152	112121	1373810	112235
9617842980	113485	1057661	111374	1140110	112821	1374049	114315
9619310280	111130	1057793	112151	1140111	113794	1374082	114157
9619333080	112299	1058429	112290	1140135	113912	1376305	113911
9621791480	112460	1058821	112698	1140136	114128	1379702	113906
9622410680	113503	1059179	112251	1140138	114129	1385378	113959
9624291480	111070	1059564	111900	1140139	114129	1385784	113911
9625382580	111130	1061267	112290	1140694	113708	1386127	113909
9625382680	114460	1061269	111906	1140696	113709	1387062	112821
9625382780	111070	1061271	111906	1140757	113905	1387092	114092
9629473280	113443	1061458	112235	1140760	111906	1388569	111374
9631318680	112299	1061627	112290	1144182	112142	1404791	113958
9637813680	113254	1063999	111906	1144505	113905	1404792	114064
9638275480	112469	1064000	111906	1145715	113883	1416205	111131
9639396480	113755	1066407	112121	1147432	112429	1416231	111906
9646065480	113640	1067536	113701	1149703	114162	1416234	111906
9646068880	113755	1067621	113701	1151212	113709	1426014	114009
9649611280	113946	1067622	113701	1151213	113708	1429688	113710
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9655249280	112298	1072156	111909	1151215	111906	1436603	114129
9658144780	113959	1072455	113914	1151216	112235	1438288	110868
9659918080	113958	1072559	111900	1151641	112821	1449615	112821
F1VY10346B	112921	1073049	112698	1151642	111374	1450653	112821
V450DT	113381	1073093	112290	1188206	113884	1464755	113883
<b>FIAT ALLIS</b>		1073108	112251	1191213	113708	1464756	113912
73113742	110801	1073771	112198	1197912	113909	1464779	113709
73119134	110801	1074633	112325	1205240	111374	1464782	113708
<b>FORD</b>		1076005	111828	1209193	113909	1464784	113710
0018882	111906	1076141	111374	1211891	113709	1464785	113710
111364	111364	1079312	112142	1214371	112821	1464788	113912
1001869	112121	1085273	111374	1215766	112142	1465010	113794
1003308	111900	1085875	112198	1218885	113794	1465115	113911
1004565	111906	1086299	111797	1219711	112142	1465173	113710
1004566	111906	1087280	112340	1221059	112142	1469712	113908
1005308	111362	1088304	113952	1229258	113922	1469721	113911
1005351	110891	1088649	111906	1229259	113849	1473072	111906
1005370	111289	1088650	111906	1229421	113710	1476964	110771
1005391	111741	1090085	111795	1229425	112290	1477482	113906
1007765	111900	1090424	112151	1229427	113908	1477737	113922
1008795	111131	1092115	111906	1231963	113911	1477738	113849
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1008826	111131	1092117	113701	1233277	113909	1477856	113912
1008835	112290	1093471	112251	1237323	111906	1477859	113912
1008836	111131	1095570	112235	1250901	112235	1477971	113710
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1018818	111988	1100712	114797	1256552	113978	1478331	112235
1018882	111906	1104931	112939	1300504	113906	1478608	113709
1018883	111906	1104965	112235	1301377	112142	1479818	113883
1020508	113701	1104987	112151	1301496	112143	1480550	114092
1021198	113920	1105310	112251	1301511	111795	1483817	113905
1021397	112151	1107016	112235	1301530	112142	1485513	110759
1024508	112251	1107444	112325	1302007	114250	1485514	110759
1024864	112151	1107446	112121	1303447	113912	1485762	114128
1025547	113833	1110413	112002	1305962	114009	1502880	113905
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1030151	111680	1118336	112290	1325943	113907	1516986	110482
1031134	112151	1120211	113709	1345314	113910	1525794	113906
1031896	111477	1120213	113708	1350459	113905	1526103	110465
1031898	111988	1120214	113794	1351989	113911	1530299	113978
1032139	112121	1120215	112821	1352431	114248	1535268	111906
		1122105	112654	1361258	111795	1535437	113535
		1122238	113952	1361259	114009	1535628	111906

Cross reference list

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>FORD</b> <i>Continued</i>							
1537179	110178	4371000	113710	5027810	111742	7203211	112166
1539686	111906	4371001	113710	5027845	111176	7275998	112325
1539703	110336	4374447	113710	5027848	111623	7275999	111293
1541002	112821	4374448	113710	5027848	111742	7302659	111623
1542468	113962	4394204	113710	5029143	112340	7308194	111427
1545138	113912	4424968	113910	5029902	111623	7308195	112151
1551240	112821	4443760	113910	5029923	111176	7312901	112698
1552432	112821	4461712	113913	5030343	112698	7352057	112325
1553520	111086	4509615	112821	5030468	111427	7355509	112680
1553523	111289	4520765	112821	5030656	112680	7361230	112709
1553627	110759	4529404	112821	5030668	111754	7361233	113885
1564725	114092	4531025	113710	5128966	113710	81866002	112074
1564732	114162	4531026	113710	5128967	113710	82005342	112074
1567033	113962	4587107	113906	5190803	114128	82005343	113968
1568699	110868	4635595	113906	5752791	110231	82007917	112074
1571105	110336	4727857	113906	6021771	110759	82013922	112074
1571389	111289	4742541	112821	6021775	111289	82013923	113968
1572736	113958	4918434	113906	6029039	111053	89821291	112074
1574338	113959	5003623	110868	6033117	111289	702000150	110462
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1580265	113884	5003643	110461	6129114	112290	1C1T10300BB	113621
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1581844	114064	5003898	111289	6136276	111289	1L2U10300AB	112946
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1592234	114129	5003903	111289	6136957	110891	1L8U10300AB	112958
1596530	112251	5007062	111289	6147936	112290	1L8U10300AC	112958
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1624968	110465	5007077	111289	6157858	111131	1L8Z10346AB	112958
1638241	111131	5007080	111131	6157859	111131	1L8Z10346CB	112961
1638242	111131	5007082	111131	6157861	111131	1M2111000AA	112286
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1712779	113958	5023517	111289	6504733	111131	1S7T10300DF	113709
1726350	115400	5023521	111289	6544358	111131	1S7TT10300CB	113708
1726802	113962	5023528	111364	6567030	111131	1S7TT10300CC	113708
1728770	114092	5023529	111364	6683311	112290	1S7U11000AB	113794
1732742	111906	5023530	111289	6686132	112235	1S7U11000AC	113794
1734633	113905	5023531	110891	6694981	112325	1S7U11000AD	113794
1747021	113958	5023549	110867	6729337	112151	1S7U11000AE	113794
3238665	110231	5023593	112290	6775699	112235	1S7U11000AF	113794
3395461	111315	5024754	111741	6775703	112235	1S7U11000AG	113794
3465426	111317	5026096	111362	6775704	112340	1S7U11000BA	112821
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3601369	113702	5026102	111289	6816674	111131	1S7U11000BC	112821
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4098414	113285	5027113	111131	7003146	112290	2M5T10300AA	112142
4170444	113621	5027117	111131	7041784	111374	2S6T10300AB	113912
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4362258	113913	5027807	111131	7203201	111477	2S6T10300BC	114128

**STARTERS & ALTERNATORS**



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
2S6T10300CB	114129	3M5T11000AB	113906	6G9N11000EB	114092	78GB10300HB	111086
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2S6T10300DB	114129	3M5T11000AD	113906	6G9N11000FA	113911	78GB10300JB	111086
2S6T10300DC	114129	3M5T11000AE	113906	6G9N11000KB	113303	78GB10300JC	111086
2S6T10300DD	114129	3M5T11000CB	113908	6G9N11000AA	113906	78GB10300JD	111086
2S6T10300DE	114129	3M5T11000CC	113908	6L8T11000AA	111374	78VB11000DA	110840
2S6T10300FA	113883	3M5T11000CD	113908	6M2110346CA	113884	795F11000CA	112251
2S6T10300FB	113883	3M5T11000CE	113908	6M3410300AB	112352	795F11000AA	112251
2S6T10300FC	113883	3M5T11000CF	113908	6S4T11000AA	113906	79AB11000AB	110831
2S6T10300AA	113912	3M5T11000DA	113911	70GB11000BA	110868	79AB11000BB	110336
2S6U11000CA	111906	3M5T11000DB	113911	715F10300BA	111289	79AB11000BC	110336
2S6U11000CB	111906	3M5T11000DC	113911	715F10300BB	111289	79AB11000BO	110336
2S6U11000CC	111906	3M5T11000EA	114315	715F11000MA	110461	79AB11000AA	110831
2S6U11000DA	114162	3N1110300AB	114009	71AB11001BA	111102	79BB10300AB	111289
2S6U11000DB	114162	3N1110300AC	114009	71BB10300EA	111086	79BB10300AC	111289
2S6U11000DC	114162	3N1110300AD	114009	71BB10300EB	111086	79BB10300AD	111289
2S6U11000EA	113905	3N1110300AE	114009	71BB10300FA	110759	79BB10300AA	111289
2S6U11000EB	113905	3N1110300AF	114009	71BB10300FB	110759	79FB11000AC	111053
2S6U11000EC	113905	3N1110300AG	114009	71BB11000DA	110336	79FB11000AL	111053
2S6U11000ED	113905	3N1110300AA	114009	71BB11000E2A	110831	7G9N11000AB	111906
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2S7T11000AB	111374	3S6T10300AC	113912	71BB11000EA	110831	7H1211002AB	113959
2S7T11000AC	111374	3S6T10300AD	113912	71BB11000LB	110771	7H1211002AC	113959
2S7T11000AD	111374	3S6T10300AA	113912	71BB11000AA	110868	80BB10300DA	110759
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2T1411000BC	113910	4M5T10300KB	114250	72GB10300MA	111086	81AB10300BA	111289
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2T1U10300AB	113710	4M5T10300UD	114248	73AB11000AA	110336	81AB10300EA	111053
2T1U10300AC	113710	4M5T11000AB	113907	73BB11000B2A	110831	81AB10300FA	111053
2T1U10300AD	113710	4M5T11000AC	113907	73GB11000BA	110336	81AB10300GA	111053
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2T1U10300AF	113710	4M5T11000FB	113911	74EB10300FA	111289	81AB11000BA	110337
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Cross reference list

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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83BB11000EB	110831	86AX10300AB	111362	89FF10300EC	111176	924F10300AA	111623
83BB11000FA	110336	86AX10300ADA	111364	89FF10300GA	111356	924F10K359AB	111623
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84AB10300MB	111364	86FB10300BA	111364	89VX11000AA	110840	92AB10300DC	111293
84AB10300AA	111364	86FB10300AA	111364	8A031840SB	111374	92AB10300DD	111293
84AB10346MB	111364	86GB11000EA	111131	8M5T10300YA	113849	92AB10300FA	111293
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84AB11000AA	112290	86GB11000JB	110842	8V2111000AB	113905	92AB11000CA	111131
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86AB11000EA	111131	89BX10300HB	111741	91FF10300JA	112325	93BB11000KC	111374

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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954F10K300AB	111623	97AB10300AA	112121	98VB11000B1A	112251	C7AF11001F	110224
954F10K300AA	111623	97BB10300BA	112151	98VB11000B3A	112251	C7FF11001B	110509
954F10K359AB	111623	97BB10300BB	112151	98VB11000B3B	112251	C7NN11000A	110462
954F10K359AA	111623	97BB10300BC	112151	98VB11000BA	112251	C7NN11000B	110462
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95GB11000EA	111030	98AB10300DB	112143	BS5111000CA	113962	D0HF10300D	110237
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96FB11000LD	111906	98BB10300BE	112198	C6TF11000A	112089	D2FF11001AA	110230
96FB11000MA	113701	98BB11000AA	111374	C6TF11000C	112089	D2FZ10346B	110238
96FB11000MB	113701	98MF10300CA	113952	C6TZ11002E	112089	D2NN11000B	110462
96FB11000MC	113701	98MF10300CB	113952	C6VY11001A	110226	D2SF10300A	110237
96FB11000MD	113701	98MF10300CC	113952	C6VF11002A	110226	D2SF10300AB	110237
96FB11000ME	113701	98VB10300BC	113914	C6VY11002A	110226	D2SF10300AA	110237
96FF10300DB	112121	98VB10K359AB	111797	C6VY11002B	110226	D2TF11001BA	110226
96FF10300DC	112121	98VB10K359BA	111797	C70F11001A	110226	D2TF11001AA	110226

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>FORD Continued</b>							
D2VF11001AA	110229	D70F10300EA	110238	E1BZ10346A	110238	E7PF10346LA	111252
D2ZF10300AB	110237	D70F10300AA	110238	E1EF10300HA	110237	E7PF10346MA	111252
D2ZF10300AC	110237	D70F10346BA	110238	E1FF11001BA	110231	E7PF10346PA	110238
D2ZF11001AA	110227	D70F10346AA	110238	E1GF10300DA	110237	E7PF10346UA	112835
D30F10300DA	110237	D70Z10346A	110238	E1TF10300BA	110238	E7PF10346ZA	111252
D30F10300FA	110237	D70Z10346B	110238	E1VF10300A	112914	E7PZ10346A	110238
D30F10300AA	110238	D70Z10346CA	110238	E1VF10300AA	112914	E7PZ10346B	110238
D30Z11002A	110229	D7AF10300BA	110237	E1ZF10300E	110238	E7PZ10346C	111252
D32F10300A	110238	D7AF10300CA	110237	E1ZF10300EA	110238	E7PZ10346E	112835
D32F10300BA	110237	D7AF10300DA	110237	E27F10300BA	110237	E7PZ10346L	112835
D32F10300AA	110238	D7AF10300EA	110237	E2AF11001DA	110224	E7PZ10346M	111252
D3TF11001DA	110229	D7AF10300FA	110237	E2BF11001AA	112963	E7RY11002A	110842
D3VF10300A	110239	D7AF10300GA	110237	E2BZ11002A	112963	E7SF10300FA	112835
D3VF10300AB	110239	D7AF10300HA	110237	E2HF10346BA	113765	E7SF10300HA	111252
D3VF10300BA	110239	D7AF10300HC	110237	E2HF10346AA	113765	E7SF10300KA	112835
D3VF10300AA	110239	D7AF10300KA	110237	E2HT10300DB	113765	E7SF10300MA	111252
D3VF10346A	110239	D7AF10300LA	110237	E2HT10300EB	113765	E7SU11000AA	111183
D3VF10346BA	110239	D7AF10300AA	110237	E2HT10300FA	113765	E7TF10300GA	112914
D3VY10346A	110239	D7AZ10346A	110237	E2HT10300GA	113765	E7TF10300NA	110239
D40F10300A	110237	D7AZ10346B	110237	E2SF11001AA	110225	E7ZF10300BA	111252
D40F10300EA	110238	D7DF10300AA	110238	E2SF11002AA	110225	E7ZF10300DA	112835
D40F10300AA	110237	D7EF10300BA	110238	E37F10300AA	110238	E7ZF10300EA	111252
D40F10346DA	110238	D7EF10300CA	110238	E37F11001A	112963	E7ZF10300FA	111252
D40F11001AA	110229	D7EF10300DA	110238	E37F11001AA	112963	E8DF10300DA	110239
D40Z10346D	110238	D7EF10300AA	110238	E3TF10300AB	110238	E8DF10300DE	110239
D40Z11002A	110227	D7NN10300B	110170	E3TF11000AA	112267	E8HT11001AA	112089
D42F10300B	110237	D7NN11000B	110462	E3TF11001AA	112267	E8HZ11002A	112089
D42F10300BA	110237	D7UF10300AA	110238	E3TG11001AA	112965	E8HZ11002HA	112089
D42F10300CA	110238	D7VF10346AA	110239	E3TU11000AA	112267	E8PF10346AA	112835
D42F10300EA	110237	D7VZ10346A	110239	E3TZ11002A	112965	E8PZ10346A	112835
D42F10300FA	110237	D7ZF10300B	110239	E3TZ11002B	112267	E8RY11002A	110842
D42F11001AB	110230	D7ZF10300BA	110239	E3TZ11002D	112963	E8SF0300BA	112835
D42F11001BA	110230	D7ZF10300C	110239	E3TZ11002E	112016	E8TF10300BA	111252
D42F11001AA	110230	D7ZF10300CA	110239	E47F10001AA	112016	E8TF11000AA	112267
D47Z10346A	110133	D7ZF10300DA	110238	E4DF11001AA	112963	E8TZ11000AA	112267
D4AF11001AA	110229	D7ZF10300EA	110238	E4HT10300AA	113765	E8TZ11002A	112267
D4AZ11002A	110229	D80F11001AA	110225	E4TF11000AA	112965	E90F11000BA	112584
D4NN11000B	110462	D8BF10300DA	110238	E4TF11001A	112965	E90F11000AA	112584
D4TZ11002D	110224	D8BF10346A	110237	E4TF11001AA	112965	E90Y11002A	112584
D4ZF10300CA	110238	D8BF10346C	110238	E4TZ11002A	112965	E90Y11002B	112584
D4ZF10300AA	110238	D8BF10346CA	110238	E4TZ11002B	112267	E92Z10346A	110664
D50F10300BA	110239	D8BF10346AA	110237	E4TZ11002BRM	112267	E92Z11002A	110810
D50F10300AA	110238	D8BZ10346AA	110237	E52F10300AA	110238	E98F11000BA	111183
D50F11001BA	110227	D8FF11001A	110231	E5TF11000AA	112267	E98F11000AA	111183
D50F11001AA	110227	D8FF11001BA	110231	E5TZ11002B	112267	E99F10300BA	112842
D5AF10300BA	110237	D8FF11001AA	110231	E62F10300CA	112835	E9DF10300DA	110239
D5AF10300AA	110237	D8NN11000CA	110462	E6AF10300AF	112835	E9HT11001BA	113125
D5AF11001AB	110229	D8NN11000CB	110462	E6AF10300BA	112835	E9HZ11002A	113125
D5AF11001EA	110228	D8NN11000CE	110462	E6AF10300AA	112835	E9NN10300AA	113548
D5AZ11002C	110228	D8OF11001AA	110225	E6DF10300CA	110238	E9PF10346BA	111252
D5DF10300AA	110238	D8VF10300BA	112914	E6DF10346DA	110238	E9PZ10346A	112842
D5FF11001AA	110227	D8VF10346BA	110238	E6DZ10346D	110238	E9SF10300BA	111252
D5OF10300BA	110239	D8VF10346CA	110238	E6HT11001CA	112089	E9SF11000AB	111183
D5OF10300CA	110238	D8ZF10300BA	110237	E6HZ11002C	112089	E9UF10300BA	111252
D5OF11001BA	110227	D8ZF10300CA	110237	E6HZ11002D	112089	EDE7AF10300BA	112835
D5OF11001AA	110227	D8ZF10300AA	110237	E6SF10300BA	112835	EZHT10346EB	113765
D5OZ11001AA	110227	D90F10300AA	110238	E6SF10300EA	110237	F02F11000AA	111370
D5TF11001C	110229	D94F10300AA	110237	E6TF10300BA	112835	F02U11000AA	111370
D5TF11001DA	110224	D9BF10300AA	112914	E6TF10300CA	112835	F02U11002A	111370
D5TF11001AA	110224	D9BZ10346A	110237	E6TF10300DA	112835	F02Z11002B	110810
D5ZF10300AA	110239	D9BZ10346C	110238	E6TF10346AA	112835	F07F10300AB	111199
D60F11001AA	110227	D9DF10300AA	110238	E6TZ10346A	112835	F07F10300AA	111199
D60F11002A	110227	D9NN11000AA	110462	E6UF10300AA	112835	F07U10300AB	111199
D60F11002AA	110227	D9SF10300AA	110237	E6ZF10300CA	112835	F07U10300AC	111199
D6BF11001BA	110226	D9TF10300AA	110238	E6ZF10346BA	112835	F07U10300AA	111199
D6DF11002B	110226	D9UF10300BA	110237	E6ZZ10346B	112835	F07U11000BA	111844
D6FF11001BA	110231	D9UF10300EA	110238	E72F10300DA	112835	F07U11000AA	112030
D6FF11001AA	110231	D9VY10346A	110237	E79F10300BA	111252	F0CF10300AA	113236
D6FF1100BA	110231	D9VY10346C	110238	E7AF10300AD	111252	F0CO10300AD	113236
D6TF11001A	110224	D9VY10346D	110238	E7AF10300BA	112835	F0CU10300AB	113236
D6TF11001BA	110226	D9ZF10300BA	110238	E7AF10300CA	112835	F0CU10300AC	113236
D6TF11001DA	110224	D9ZF10300AA	110237	E7AF10300DA	112835	F0CU10300AD	113236
D6TF11001EA	110226	E18F10300BA	110238	E7DF10300EA	110239	F0CU10300AA	113236
D6TF11001AA	110226	E1AF10300DA	110238	E7DF10300EB	110239	F0CZ10346C	113236
D6TZ11002A	110226	E1AF11001BA	110225	E7NN10B376AB	111740	F0HU10346CA	113765
D6TZ11002B	110226	E1AF11002B	110225	E7NN10B376BA	111740	F0NN10B376AB	111739
D70F10300BA	110239	E1BF10300BA	110238	E7NN10B376BB	111740	F0NN10B376BB	112718
D70F10300CA	110238	E1BF10300CA	112914	E7NN10B376AA	111740	F0NN10B376CA	112718
D70F10300DA	110238	E1BF10346CA	110238	E7PF10346GA	112835	F0NN10B376AA	113623

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
F0NN11000BA	112074	F3RZ11002A	112235	F6PU10300SA	112298	F8AU10300AD	112947
F0NN11000CA	112074	F3RZ11002B	112340	F6PU10346SA	112298	F8AZ10346AB	112947
F0NN7H022BA	113968	F3RZ11002C	111374	F6PU10346XA	112924	F8DU10300AA	112936
F0OU11000AA	112584	F3TU11000AA	112267	F6PU10346AA	112927	F8DU11000AA	112586
F0OY11002A	112584	F3UU10300AE	111200	F6PU10346AAA	112936	F8DZ11002AA	112586
F0PU10346DA	113236	F3UU10300AF	111200	F6PU10346AAE	112936	F8OZ10346CA	112942
F0PU10346DD	113236	F3UZ10346A	111200	F6PZ10346AE	112936	F8PU10346CA	112936
F0PZ10346C	110238	F3VU10300AA	112921	F6PZ10346CA	111199	F8PZ10346CA	112936
F0PZ10346D	110238	F4DU10300AD	112936	F6PZ10346LA	111199	F8RU10300BA	114120
F0TU10300EA	111252	F4DU10300BA	112936	F6PZ10346RA	112940	F8RU11000AA	113702
F0TZ11002A	112030	F4DU10300DA	112936	F6PZ10346XA	112924	F8ZU10300AA	112993
F0TZ11002B	111844	F4FU11000AA	111370	F6RU10300AA	112939	FOCU10346A	113236
F12Z11002A	110810	F4HT10300DA	112993	F6RZ10346BB	112939	FOHU10346FA	113765
F13U11000A	111370	F4HT10300EA	112993	F6UU10300CA	111200	GL237	112835
F13U11000AA	111370	F4HT10300FA	112993	F6UU10300DA	112924	GL241	112835
F13Z11002A	111370	F4HT10300KA	112993	F6UU10300EA	111200	GL241A	112835
F17U10300AA	111199	F4HT11001BA	112253	F6UU10300EB	111200	GL246	111252
F17U11000AB	113222	F4HT11001AA	112667	F6UU10300FA	111200	GL248	112835
F1CZ10346A	110663	F4LU11000AA	112592	F6UZ10346VA	111200	GL252	111252
F1CZ10346B	110663	F4PU10346BA	112993	F6VU11000AA	112646	GL253	112835
F1CZ10346C	110663	F4PU10346D	112936	F6ZU10300BB	112943	GL263	111252
F1NN11000AA	113968	F4PU10346DA	112936	F6ZU10300BC	112943	GL276	113236
F1PU10300CA	111199	F4PZ10346B	112933	F6ZU10300BE	112943	GL308	111199
F1TZ10346C	111199	F4SU10300AB	112933	F6ZU10300BG	112943	GL312	112921
F1TZ11002A	113222	F4TZ11002A	112276	F6ZZ10346B	112943	GL317	112927
F1VU10300BB	112921	F4XA11000BA	113136	F75U11000AB	112646	GL319	112925
F1VU10300BC	112921	F4XA11000BB	113136	F75U11000AC	112646	GL329	112931
F1VY10346B	112921	F4XY11002A	113136	F75U11000AA	112646	GL332	112993
F23U10300CA	113236	F4ZU10300DA	112933	F75Z11002A	112646	GL344	112933
F23U10300DA	113236	F57U10300BA	111199	F75Z11002AA	112646	GL347	112939
F23U11000BC	111370	F57U10300AA	111199	F77U10300AB	112946	GL355	112944
F23U11000AA	112584	F5HZ10346A	112993	F77U10300AD	112946	GL356	112943
F23Z10346A	113236	F5OU10300FA	112942	F77U10300BA	111199	GL357	112943
F23Z11002A	112584	F5OU10300FB	112942	F77U10300BB	111199	GL358	112993
F23Z11002B	111370	F5OU10300FC	112942	F77Z10346AB	112946	GL363	112946
F2DU11000BA	112584	F5PU10346BA	112939	F7CU10300AB	111199	GL372	112940
F2DU11000AA	112584	F5RU10300BA	112939	F7HT11001FA	112253	GL384	112942
F2DZ11002A	112584	F5RU10300BB	112939	F7HT11002FH	112253	GL385	112939
F2NN10B376BA	113623	F5RU10300BC	112939	F7LU11000BA	112646	GL390	112924
F2NN10B376CA	113623	F5RU10316AA	112151	F7LU11000AA	112646	GL406	112942
F2NN10B376AA	112718	F5RU10346BA	112939	F7LZ11002B	112646	GL407	112947
F2PU10346AF	111200	F5RU10346BC	112939	F7LZ11002BA	112646	GL411	112953
F2TU10300AF	111200	F5RZ10346B	112939	F7PU11000EA	112603	GL412	112949
F2TU10346AE	111200	F5RZ10346BB	112939	F7PU11000KA	111844	GL412RM	112949
F2UU10300BE	112925	F5RZ10346BC	112939	F7PZ10346LA	111199	GL416	112939
F2UU10300DC	112924	F5TU11000AB	112276	F7PZ11002EA	112603	GL423	112946
F2UU10300FA	112924	F5TU11000AD	112276	F7PZ11002KA	111844	GL423RM	112946
F2UZ10346B	112924	F5TU11000AA	112276	F7RU11000AA	111730	GL424	112954
F2VU11000AC	112592	F5TU11002A	112276	F7SU11000A1B	111183	GL424RM	112954
F2VU11000AD	112592	F5UU10300BA	111200	F7SU11000A2B	111183	GL425	112951
F2VY11002A	112592	F5UU10300CA	112377	F7SU11000AB	111183	GL426	112956
F32Z10346B	111315	F5UU10300AA	111200	F7SU11000AA	111183	GL426RM	112956
F32Z11002B	111311	F5UZ10346A	111200	F7SZ11002AA	111183	GL428	112936
F37U10300AA	111200	F5UZ10346CA	112377	F7UU10300AB	112940	GL434	112942
F3AU10300AC	112927	F5XY11002A	113136	F7UU10300AA	112940	GL434RM	112942
F3AU10300BA	112927	F65U10300EA	112940	F81U10300DB	112953	GL452	112944
F3AU10300CA	112932	F67U10300BA	111199	F81U10300DC	112953	GL452RM	112944
F3AU10346AC	112927	F67U10300AA	111199	F81U10300DD	112953	GL455	112959
F3AZ10346A	112932	F68U11000AB	112586	F81U10300DE	112953	GL455RM	112959
F3CU10300AD	113236	F68U11000AC	112586	F81U10300EB	112949	GL456	112958
F3CU10346AC	113236	F68U11000BA	112586	F81U10300EA	112608	GL456RM	112958
F3DU10300BB	112931	F68U11000AA	112586	F81U11000AB	112608	GL462	112958
F3DU11000AA	112584	F68Z11002AB	112586	F81U11000AD	112608	GL462RM	112958
F3DZ10346B	112936	F68Z11002BA	112586	F81U11000AE	112608	GL463	112961
F3DZ11002A	112584	F68Z11002AA	112586	F81U11000AA	112608	GL481	112939
F3HT10300BA	112993	F6AZ10346AA	112927	F81Z10346DA	112953	GL520	112842
F3HT10300CA	112993	F6DU10300BB	112944	F81Z10346EA	112949	GLE105A	110133
F3HT10300HB	112993	F6DU10300BC	112944	F81Z11002A	112608	R2S7T11000DB	112821
F3HT10300AA	112993	F6DU10300BD	112944	F81Z11002AA	112608	R72GB10346NA	111289
F3HT11001AB	112667	F6DU10300FA	112936	F85U10300AB	111200	R835F11000AC	112251
F3HT11001AC	112667	F6DZ10346B	112944	F85U10300AA	111200	R835F11000BB	112251
F3HT11001DB	112253	F6LU10300CA	112943	F87U11000A1A	112600	R835X11000AC	112251
F3HT11001DC	112253	F6LU10300CB	112943	F87U11000A1B	112600	R86AB11000A1A	112290
F3HZ10346H	112993	F6LU10300CC	112943	F87U11000AA	112600	R86AB11000A2A	112290
F3HZ11001B	112253	F6LU10300CD	112943	F87Z11002AA	112600	R86AB11000BA	111131
F3HZ11002B	112253	F6LY10346A	112943	F89U11000AA	112588	R86AB11000CA	111131
F3LU11000AA	112592	F6OU10300AB	112942	F89Z11002AA	112588	R86AB11000DA	111131
F3PU10346AC	112927	F6OU10300AA	112942	F8AU10300AB	112947	R86AB11000EA	111131
F3PU10346CA	112936	F6OY10346AA	112942	F8AU10300AC	112947	R86AB11000HA	111131

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>FORD Continued</b>							
R86AB11000JA	111131	SA661A	110224	XR3U10300AB	112954	HAD165500	110806
R86AX10300AB	111362	SA709A	110225	XR3U10300AC	112954	HAD165504	111339
R86AX10300MB	110891	SA709B	110225	XR3U10300AA	112954	HAD165520	111929
R86AX10300AAA	111176	SA712	110224	XR3Z10346AA	112954	HSC107100	110158
R86GB11000CA	111131	SA732	112963	XS7U11000AB	112821	HSC108100	110807
R86GB11000EA	111131	SA733	110225	XS7U11000AE	112821	HSC109120	110958
R86GB11000GA	111131	SA738	112965	XS7U11000C3A	112235	HSG120500	110809
R86GB11000JA	111131	SA739	112267	XS7U11000C4A	112235	HSG120510	110578
R86GB11000JB	111131	SA746	112016	XS7U11000C4A1	112235	HSG232500	110576
R86GB11000KA	111131	SA764A	113125	XS7U11000CB	112235	HSP112110	110811
R86GB11000AA	111131	SA768A	112089	XS7U11000CC	112235	HSP112130	111305
R87GB11000CB	111131	SA771	112584	XS9110300AB	112939	HSP112160	111307
R87GB11000AA	111131	SA771A	112584	XW7Z10346AA	112942		
R894X10300BA	111754	SA775	112030	Y8SZ11002AA	111374		
R894X10300AA	111754	SA776	111844	YC1T10300BB	113285	<b>HARLEY DAVIDSON</b>	
R89AB11000CA	112290	SA784	111370	YC1T10300BC	113285	29975-65C	111919
R89AB11000AA	112290	SA785	113222	YC1T10300BD	113285	29978-77A	111919
R89FF10300EB	111176	SA787	112584	YC1T10300BE	113285	31458-66B	111835
R89FF10300EC	111176	SA789	112592	YC1T10300BG	113285	31458-66C	111835
R89FX10300BA	110607	SA790	112584	YC1T10300BH	113285	31458-66TA	111835
R89FX10300GB	111356	SA799	112584	YC1T10300BJ	113285	31552-89	111837
R89FX10300AA	111754	SA800	111370	YC1U10300BB	113285	31552-89A	111837
R91AB11000AB	111131	SA802	112667	YC1U10300DA	113285	31553-90	111845
R91AB11000FA	112290	SA807	112584	YC1U10300DB	113285	31553-94	111839
R91AB11000JA	111131	SA808	112592	YC1U10300DC	113285	31558-90	111845
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R95FF10300AC	112325	SAE781	110810	YS4U11000AD	111906	50496201	114677
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## STARTERS & ALTERNATORS



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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Cross reference list

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

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8EL731722-001	112229	8EL737007-001	112530	8EL737222-001	111376	8EL737499-001	112193
8EL731723-001	111803	8EL737013-001	112687	8EL737224-001	110959	8EL737507-001	111740
8EL731724-001	111411	8EL737014-001	112688	8EL737225-001	111018	8EL737513-001	111934
8EL731725-001	112718	8EL737015-001	112689	8EL737226-001	111493	8EL737516-001	111978
8EL731726-001	112805	8EL737017-001	113531	8EL737232-001	111232	8EL737518-001	111987
8EL731727-001	111687	8EL737021-001	110923	8EL737233-001	111252	8EL737520-001	112021
8EL731733-001	112810	8EL737021-001	113866	8EL737234-001	110422	8EL737523-001	111960
8EL731736-001	112812	8EL737023-001	112693	8EL737275-001	112112	8EL737524-001	111950
8EL731737-001	112813	8EL737024-001	113832	8EL737276-001	111510	8EL737525-001	111381
8EL731739-001	110967	8EL737027-001	111512	8EL737277-001	111532	8EL737529-001	111795
8EL731740-001	114203	8EL737029-001	112696	8EL737278-001	111894	8EL737535-001	111988

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
8EL737538-001	111967	8EL737688-001	113952	8EL738213-271	114680	LR1100-502G	112271
8EL737539-001	111937	8EL737689-001	112142	8EL738213-291	114080	LR1100-502H	112271
8EL737544-001	110770	8EL737690-001	112193	8EL749558-001	114765	LR1100-502I	112271
8EL737546-001	111811	8EL737691-001	112194			LR1100-502J	112271
8EL737548-001	111980	8EL737694-001	112207	<b>HESELMAN</b>		LR1100-502K	112271
8EL737551-001	113684	8EL737695-001	112195	12M1TP13	111092	LR1100-502L	112271
8EL737553-001	111953	8EL737704-001	112196	12MB11M	111092	LR1100-502M	112271
8EL737554-001	111989	8EL737705-001	113197	12MB11TWA	111092	LR1100-502MD	112271
8EL737554-001	115482	8EL737707-001	112197	12MB12M	111092	LR1100-502N	112271
8EL737555-001	112718	8EL737710-001	112198	12MB12TWA	111092	LR1100-503	113941
8EL737556-001	111929	8EL737711-001	112143	12MB1CWA	111092	LR1100-503A	113941
8EL737558-001	111963	8EL737712-001	112199	12MB1TWA	111092	LR1100-503B	113941
8EL737563-001	111940	8EL737713-001	112190	12MB1WA	111092	LR1100-503C	113941
8EL737564-001	110770	8EL737715-001	112202	24M1TP13	111091	LR1100-503D	113941
8EL737565-001	111846	8EL737716-001	112203	24MB1TWA	111091	LR1100-503E	113941
8EL737566-001	111708	8EL737717-001	114386	24MB21M	111091	LR1100-503F	113941
8EL737569-001	111537	8EL737719-001	112209	24MB21TWA	111091	LR1100-504	112271
8EL737570-001	111831	8EL737720-001	112210	24MB22M	111091	LR1100-504A	112271
8EL737572-001	111948	8EL737752-001	113383	24MB22TWA	111091	LR1100-504B	112271
8EL737577-001	111943	8EL737941-001	113439	24MC42THWA	111853	LR1100-504C	112271
8EL737580-001	111990	8EL738087-001	113316	24MC42TWA	110345	LR1100-504D	112271
8EL737581-001	111965	8EL738211-151	113722	24MC4TWA	110345	LR1100-504E	112271
8EL737591-001	111842	8EL738211-201	113951	24MD22STWAZ	114858	LR1100-504F	112271
8EL737592-001	111955	8EL738211-221	113948	24MD22TVR	114863	LR1100-505	112271
8EL737593-001	112002	8EL738211-291	113792	24MD22TVR1	114863	LR1100-505A	112271
8EL737593-001	114797	8EL738211-331	113849	24MD22TVR2	114863	LR1100-505B	112271
8EL737593-001	115483	8EL738211-341	114120	24MD22TWA	114862	LR1100-505C	112271
8EL737595-001	111890	8EL738211-381	113710			LR1100-505D	112271
8EL737596-001	111956	8EL738211-411	114131	<b>HINO</b>		LR1100-505E	112271
8EL737597-001	111956	8EL738211-421	114130	27040-1752B	114423	LR1100-507	113956
8EL737598-001	111846	8EL738211-461	114112	28100-1090	114337	LR1100-507A	113956
8EL737600-001	111946	8EL738211-491	113978	28100-1090B	114337	LR1100-507B	113956
8EL737601-001	111991	8EL738211-501	113922	28100-1090C	114337	LR1100-507C	113956
8EL737603-001	111947	8EL738211-561	113946	28100-1442	114337	LR1100-507D	113956
8EL737604-001	111993	8EL738211-591	113956	28100-1443	114337	LR1100-507E	113956
8EL737606-001	112042	8EL738211-601	113941	28100-1542	113130	LR1100-508	113956
8EL737607-001	112043	8EL738211-621	113955	28100-1542B	113130	LR1100-508A	113956
8EL737611-001	112045	8EL738211-621	114801	28100-1543	113130	LR1100-508B	113956
8EL737613-001	111164	8EL738211-661	113904	28100-1561A	113214	LR1100-508C	113956
8EL737617-001	112046	8EL738211-681	113896	28100-1645	114345	LR1100-508D	113956
8EL737618-001	112057	8EL738211-701	114109	28100-1645A	114345	LR1100-508E	113956
8EL737619-001	112719	8EL738211-721	114673	28100-1700	114017	LR1100-508F	113956
8EL737620-001	112067	8EL738211-801	113862	28100-1700A	114017	LR1100-703	111381
8EL737624-001	112063	8EL738211-821	113863	28100-1743A	114344	LR1100-703B	111381
8EL737625-001	112065	8EL738211-841	114121	28100-1900	113130	LR1100-709	113373
8EL737626-001	112075	8EL738211-861	114857	28100-1900	113130	LR1100-709B	113373
8EL737630-001	112068	8EL738211-911	114293	28100-1930A	113214	LR1100-709C	113373
8EL737631-001	112069	8EL738211-961	114768	28100-1931A	113214	LR1100-711	111381
8EL737633-001	112076	8EL738212-131	113958	28100-1960A	113214	LR1100-711B	111381
8EL737634-001	112072	8EL738212-191	114088	28100-1961	113214	LR1100-722	113372
8EL737638-001	112079	8EL738212-241	114111	28100-2624	114436	LR1100-723	113419
8EL737639-001	112058	8EL738212-281	115307	28100-2624C	114436	LR1100-724	113440
8EL737641-001	112078	8EL738212-311	113883	28100-2625	114436	LR1100-724B	113440
8EL737642-001	112059	8EL738212-381	114524	28100-2625A	114436	LR1100-725	111381
8EL737643-001	113754	8EL738212-421	114040	<b>HITACHI</b>		LR1100-725B	111381
8EL737644-001	112079	8EL738212-471	114322	1018294-01	113148	LR1100-725C	111381
8EL737646-001	112073	8EL738212-481	114512	23300-6J02	113191	LR1110-502	114121
8EL737646-001	113603	8EL738212-521	114248	23300-6J04	113191	LR1110-502A	114121
8EL737647-001	112097	8EL738212-601	113899	31100-W0100	113526	LR1110-502B	114121
8EL737648-001	113405	8EL738212-621	114202	G113-01A	111919	LR1110-502C	114121
8EL737649-001	113575	8EL738212-631	114806	GSB107-01	113144	LR1110-502D	114121
8EL737650-001	112102	8EL738212-661	114102	GSB107-04A	113144	LR1110-502E	114121
8EL737651-001	112098	8EL738212-711	114311	GSB107-04C	113144	LR1110-502F	114121
8EL737652-001	112101	8EL738212-721	115416	GSB107-04C	113144	LR1110-502G	114121
8EL737658-001	110622	8EL738212-791	113405	GSB107-06	113145	LR1110-502H	114121
8EL737661-001	112189	8EL738212-811	114250	GSB107-06B	113147	LR1110-502I	114121
8EL737662-001	110497	8EL738212-831	114245	GSB107-06E	113145	LR1110-502J	114121
8EL737664-001	110968	8EL738212-841	114803	GSB107-06F	113145	LR1110-503	114121
8EL737665-001	110969	8EL738212-851	114099	GSB107-10B	113146	LR1110-503A	114121
8EL737666-001	110970	8EL738212-901	114704	GSB107-10C	113146	LR1110-503B	114121
8EL737667-001	110971	8EL738212-931	113972	LR1100-501	111831	LR1110-503C	114121
8EL737668-001	110972	8EL738212-971	114208	LR1100-501B	111831	LR1110-503D	114121
8EL737671-001	110975	8EL738213-031	114472	LR1100-502	112271	LR1110-503E	114121
8EL737673-001	110977	8EL738213-051	114865	LR1100-502A	112271	LR1110-503F	114121
8EL737675-001	112205	8EL738213-081	114508	LR1100-502B	112271	LR1110-705	111381
8EL737678-001	112144	8EL738213-091	114467	LR1100-502C	112271	LR1110-705B	111381
8EL737679-001	112190	8EL738213-101	114011	LR1100-502D	112271	LR1110-705C	111381
8EL737684-001	112191	8EL738213-121	115366	LR1100-502E	112271	LR1110-705E	111381
8EL737685-001	112720	8EL738213-141	114247	LR1100-502F	112271	LR1110-705F	111381

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>HITACHI</b> <i>Continued</i>							
LR1110-709...	111381	LR140-721D	113401	LR150-441C	111267	LR160-120	110307
LR1110-709B	111381	LR140-721E	113401	LR150-441E	111267	LR160-121	110307
LR1110-710	111381	LR140-723B	113401	LR150-442	111267	LR160-124	110307
LR1110-710B	111381	LR140-727	113401	LR150-443S	110700	LR160-12B	110260
LR1110-710C	111381	LR150-100	110168	LR150-443T	110700	LR160-137	110267
LR1110-710E	111381	LR150-101	110168	LR150-444	111267	LR160-138	110267
LR1110-710F	111381	LR150-101B	110168	LR150-444B	111267	LR160-164	110702
LR1110-712	113420	LR150-110	110267	LR150-448	111267	LR160-412	110706
LR1110-713	113316	LR150-110C	110267	LR150-448B	111267	LR160-412B	110706
LR1110-713B	113316	LR150-111	110703	LR150-449	111267	LR160-412F	110706
LR1110-713C	113316	LR150-125	110168	LR150-449B	111267	LR160-412G	110706
LR1110-713V	113316	LR150-125B	110168	LR150-449C	111267	LR160-422B	110707
LR1110-717	113316	LR150-133	110702	LR150-450B	110699	LR160-426	111316
LR1110-717B	113316	LR150-133B	110702	LR150-453	111267	LR160-426E	111316
LR1110-720	111381	LR150-133C	110702	LR150-453B	111267	LR160-426S	111316
LR1110-723	111381	LR150-133E	110702	LR150-50	110168	LR160-426T	111316
LR1110-723B	111381	LR150-136B	110697	LR150-52	110168	LR160-427	111316
LR1110-723C	111381	LR150-136C	110697	LR150-53	110168	LR160-427C	111316
LR1110-723E	111381	LR150-136E	110697	LR150-55	110697	LR160-427S	111316
LR1120-701	112002	LR150-151	110703	LR150-55B	110697	LR160-427T	111316
LR1120-701	114797	LR150-151B	110703	LR150-58	110168	LR160-436	111316
LR1130-702	113993	LR150-155	110697	LR150-64	110703	LR160-436S	111316
LR1130-702B	113993	LR150-155B	110697	LR150-66	110168	LR160-436T	111316
LR1130-702C	113993	LR150-165	110134	LR150-67	110168	LR160-437	111316
LR1150-706	114301	LR150-177	110168	LR150-78	111267	LR160-437S	111316
LR1150-706B	114301	LR150-189	111364	LR150-78B	111267	LR160-437T	111316
LR120-15C	112270	LR150-190	110107	LR150-78C	111267	LR160-44	110458
LR120-23	113347	LR150-191	110107	LR150-78E	111267	LR160-440	110706
LR135-105	112270	LR150-194	112967	LR150-79	110702	LR160-440F	110706
LR135-107	110264	LR150-194B	112967	LR150-79B	110702	LR160-440G	110706
LR135-108	110264	LR150-197	112967	LR150-79C	110702	LR160-441	110706
LR135-115	112270	LR150-197B	112967	LR150-79E	110702	LR160-441F	110706
LR135-116	112270	LR150-199	110703	LR150-79F	110702	LR160-446	112228
LR135-118	112270	LR150-200	110703	LR150-79H	110702	LR160-446B	112228
LR135-124	112270	LR150-201	110697	LR150-79S	110702	LR160-446C	112228
LR135-126	112270	LR150-201B	110697	LR150-94B	112967	LR160-446E	112228
LR135-127	112270	LR150-205	110697	LR150-98	110168	LR160-450	110706
LR135-128	112270	LR150-205B	110697	LR150-98B	110168	LR160-502	114802
LR135-132	110264	LR150-31	110168	LR150-98E	110168	LR160-502B	114802
LR135-133	110264	LR150-35	110168	LR150-99	110168	LR160-502C	114802
LR135-58	112270	LR150-36	110168	LR150-99B	110168	LR160-502E	114802
LR135-58B	112270	LR150-407	110699	LR155-15	110267	LR160-503	114458
LR135-61	110264	LR150-410	110699	LR155-15B	110267	LR160-503E	114458
LR135-61B	110264	LR150-410B	110699	LR155-15C	110267	LR160-715	110693
LR135-70	110264	LR150-410C	110699	LR155-16	110706	LR160-726	112977
LR135-70B	110264	LR150-410CA	110699	LR155-16B	110702	LR160-726B	112977
LR135-74	112270	LR150-410F	110699	LR155-16P	110702	LR160-727	113197
LR135-74B	112270	LR150-410G	110699	LR155-17	110267	LR160-727B	113197
LR135-86	112270	LR150-419	110699	LR155-18	110267	LR160-727C	113197
LR135-86B	112270	LR150-419B	110699	LR155-20	113793	LR160-728	113383
LR135-86C	112270	LR150-419BA	110699	LR155-20B	113793	LR160-728B	113383
LR135-86F	112270	LR150-419F	110699	LR155-23	110703	LR160-728C	113383
LR135-91	112270	LR150-419G	110699	LR155-25	110267	LR160-728E	113383
LR135-95	112270	LR150-421	111267	LR155-29	113793	LR160-728F	113383
LR135-95B	112270	LR150-421C	111267	LR155-404	110699	LR160-734	112673
LR138-01	110264	LR150-425	112086	LR155-406B	110699	LR160-734B	112673
LR140-119	110694	LR150-425B	112086	LR155-407	110699	LR160-735B	112671
LR140-119C	110694	LR150-428	110700	LR155-407B	110699	LR160-74	110307
LR140-128	110385	LR150-428C	110700	LR155-407C	110699	LR160-743	114209
LR140-130	110694	LR150-428E	110700	LR155-407CA	110699	LR160-77	110307
LR140-130B	110694	LR150-428S	110700	LR155-407F	110699	LR160-78	110307
LR140-130P	110694	LR150-428T	110700	LR155-407G	110699	LR160-78B	110307
LR140-132	110264	LR150-430	110701	LR155-408	110702	LR160-82	110458
LR140-402	110694	LR150-430C	110701	LR155-409	110699	LR160-82B	110458
LR140-408	110694	LR150-430S	110701	LR155-410	110699	LR160-84	110458
LR140-426	111267	LR150-430T	110701	LR155-410B	110699	LR160-84B	110458
LR140-427	111267	LR150-431	111291	LR155-410BA	110699	LR165-707	110632
LR140-433	111267	LR150-432	111291	LR155-410F	110699	LR165-707B	110632
LR140-433B	111267	LR150-434	111267	LR155-410G	110699	LR165-708	110631
LR140-707	113997	LR150-434B	111267	LR155-414	110699	LR165-708B	110631
LR140-708	113997	LR150-435	110701	LR155-414F	110699	LR165-708C	110631
LR140-708C	113997	LR150-435S	110701	LR155-414G	110699	LR165-708E	110631
LR140-714	113401	LR150-435T	110701	LR155-418	111291	LR165-711	111704
LR140-714B	113401	LR150-438	111291	LR155-418B	111291	LR165-711B	111704
LR140-716	113401	LR150-438B	111291	LR155-419	111291	LR165-714	113697
LR140-719	113401	LR150-439	111291	LR155-419B	111291	LR170-401	113412
LR140-721	113401	LR150-439B	111291	LR160-105	110307	LR170-404	111692
LR140-721B	113401	LR150-441	111267	LR160-109C	110307	LR170-404B	111692
LR140-721C	113401	LR150-441B	111267	LR160-116	110307	LR170-404C	111692

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
LR170-404E	111692	LR170-732	111611	LR190-512B	113309	LT135-13B	110128
LR170-407	112093	LR170-732B	111611	LR190-512C	113309	LT135-16	110128
LR170-407B	112093	LR170-732C	111611	LR190-729	113374	LT135-19	110128
LR170-407E	112093	LR170-734	111266	LR190-729B	113374	LT135-19B	110128
LR170-407S	112093	LR170-734B	111266	LR190-731	113785	LT135-19C	110128
LR170-407T	112093	LR170-738	110631	LR190-731B	113785	LT135-19E	110128
LR170-408	112093	LR170-738B	110631	LR190-734	112351	LT135-20	110128
LR170-408B	112093	LR170-738C	110631	LR190-734A	112351	LT135-22	110128
LR170-408C	112093	LR170-738E	110631	LR190-734B	112351	LT135-24	110128
LR170-408S	112093	LR170-739	111266	LR190-734C	112351	LT135-26	110128
LR170-408T	112093	LR170-739B	111266	LR190-734D	112351	LT135-30	110128
LR170-410	113412	LR170-746	111704	LR190-734E	112351	LT135-35	110128
LR170-411	111187	LR170-746B	111704	LR190-734F	112351	LT135-35A	110128
LR170-411A	111187	LR170-746C	111704	LR190-734G	112351	LT135-35B	110128
LR170-411B	111187	LR170-746E	111704	LR190-734H	112351	LT135-35C	110128
LR170-411C	111187	LR170-746F	111704	LR190-737	113375	LT135-36	110128
LR170-411D	111187	LR170-746G	111704	LR190-737B	113375	LT135-36C	110128
LR170-411E	111187	LR170-746H	111704	LR190-737BR	113375	LT135-54	110128
LR170-411F	111187	LR170-746J	111704	LR190-737E	113375	LT135-69	110128
LR170-411P	111187	LR170-746K	111704	LR190-737F	113375	LT140-126	110129
LR170-412	112093	LR170-746M	111704	LR190-743	113563	LT150-03	110129
LR170-412S	112093	LR170-748	111704	LR190-747	113439	LT150-05	110129
LR170-412T	112093	LR170-748B	111704	LR190-750	113698	LT150-05B	110129
LR170-413	112093	LR170-750	111704	LR190-750B	113698	LT150-10	110129
LR170-417	111294	LR170-750B	111704	LR190-752	113787	LT150-10B	110129
LR170-417B	111294	LR170-750C	111704	LR190-752B	113787	LT150-12	110129
LR170-417C	111294	LR170-756	112351	LR190-752C	113787	LT150-129	110129
LR170-417D	111294	LR170-756B	112351	LR190-752H	113787	LT150-130	110129
LR170-417E	111294	LR170-757	113197	LR190-770C	113787	LT150-13B	110129
LR170-417F	111294	LR170-757B	113197	LR220-23	110448	LT150-16	110129
LR170-418	113413	LR170-758	111384	LR220-24	110448	LT150-17	110129
LR170-418B	113413	LR170-760	112673	LR220-26	113416	LT150-23	110129
LR170-418C	113413	LR170-766	113197	LR225-403	110567	LT150-23B	110129
LR170-419	111467	LR170-766B	113197	LR225-408	111493	LT150-24	110129
LR170-419B	111467	LR170-767B	112673	LR225-408B	111493	LT150-24B	110129
LR170-420	111186	LR170-768	113697	LR225-408C	111493	LT150-45	110129
LR170-420B	111186	LR180-03	112375	LR225-408E	111493	LT150-46	110129
LR170-421	111692	LR180-03A	112375	LR225-409	111493	LT150-47	110129
LR170-421B	111692	LR180-03B	112375	LR225-409E	111493	LT150-49	110129
LR170-422	111467	LR180-03C	112375	LR225-415B	114368	LT150-59	110129
LR170-422B	111467	LR180-501	111767	LR225-60	110567	LT150-68	110129
LR170-427	111186	LR180-501B	111767	LR225-65	110567	LT160-23	110129
LR170-427A	111186	LR180-501C	111767	LR225-65B	110567	LT160-23B	110129
LR170-427B	111186	LR180-504	111767	LR225-65C	110567	S108-112	112008
LR170-427BA	111186	LR180-508	114427	LR225-65E	110567	S108-116	111840
LR170-427C	111186	LR180-508B	114427	LR225-65P	110567	S108-120	112008
LR170-502	111294	LR180-511B	114373	LR225-67	110567	S108-41	111836
LR170-502B	111294	LR180-512T	114428	LR225-67B	110567	S108-61	111840
LR170-502C	111294	LR180-719	111264	LR225-67P	110567	S108-61A	111840
LR170-502P	111294	LR180-725	111264	LR225-84	113418	S108-61B	111840
LR170-502Q	111294	LR180-725B	111264	LR225-84T	113418	S108-61C	111840
LR170-504	111294	LR180-725C	111264	LR225-88	112477	S108-61D	111840
LR170-504B	111294	LR180-725E	111264	LR235-402	111614	S108-61E	111840
LR170-504C	111294	LR180-735	111955	LR235-403T	114370	S108-61F	111840
LR170-505	111515	LR180-735B	111955	LR235-404	111614	S108-61G	111840
LR170-505A	111515	LR180-736	111264	LR235-404C	111614	S108-80	114675
LR170-505B	111515	LR180-736B	111264	LR235-404S	111614	S108-80A	114675
LR170-505C	111515	LR180-736C	111264	LR235-404T	111614	S108-80B	114675
LR170-505D	111515	LR180-737B	111264	LR235-405	111614	S108-94	112008
LR170-505E	111515	LR180-737C	111264	LR235-405S	111614	S108-94A	112008
LR170-509	112272	LR180-741	111726	LR235-405T	111614	S114-103	110144
LR170-509A	112272	LR180-741B	111726	LR240-401	114426	S114-103K	110144
LR170-509B	112272	LR180-741C	111726	LR240-405	114366	S114-103L	110144
LR170-509C	112272	LR180-741H	111726	LR250-508	114014	S114-103M	110144
LR170-509D	112272	LR180-749	113788	LR250-508B	114014	S114-103N	110144
LR170-509E	112272	LR180-749B	113788	LR250-508C	114014	S114-103P	110144
LR170-509F	112272	LR180-749C	113788	LR250-517	114782	S114-105	110575
LR170-509G	112272	LR180-749E	113788	LR260-504B	114014	S114-108	110144
LR170-509H	112272	LR180-751	113371	LT125-06	110128	S114-108L	110144
LR170-511	111515	LR180-751B	113371	LT125-06B	110128	S114-108M	110144
LR170-511A	111515	LR180-751C	113371	LT125-65	110128	S114-116	110485
LR170-511B	111515	LR180-762	113317	LT130-72	110128	S114-120	112008
LR170-701	112970	LR180-762B	113317	LT130-72B	110128	S114-121	110277
LR170-701B	112970	LR180-762C	113317	LT130-81	110128	S114-121N	110277
LR170-701E	112970	LR180-763	114262	LT133-03	110128	S114-122	110277
LR170-715	110630	LR180-766	112067	LT133-04	110128	S114-134	112296
LR170-715B	110630	LR180-768	113317	LT133-05	110128	S114-150	110156
LR170-716	110630	LR180-772	114262	LT133-05B	110128	S114-150L	110156
LR170-716B	110630	LR190-512	113309	LT135-13	110128	S114-151	110156

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O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
S114-151L	110156	S114-323A	111766	S114-651	112478	S114-87K	110142
S114-156	110142	S114-323B	111766	S114-651A	112478	S114-87M	110142
S114-160	110142	S114-323C	111766	S114-653	112373	S114-883	114281
S114-160A	110142	S114-344	110280	S114-653A	112373	S114-890	111534
S114-160B	110142	S114-348	110277	S114-653B	112373	S114-890A	111534
S114-160D	110142	S114-348A	110277	S114-655	112291	S114-902	115341
S114-160E	110142	S114-364	110279	S114-655A	112291	S114-902A	115341
S114-160F	110142	S114-381	110552	S114-655D	112291	S114-902B	115341
S114-160G	110142	S114-385	111098	S114-656	113680	S114-903	112382
S114-160H	110142	S114-396	110249	S114-656A	113680	S114-903A	112382
S114-162A	110332	S114-396D	110249	S114-662	112659	S114-905	113962
S114-162D	110332	S114-402	110279	S114-682	114687	S114-906	113962
S114-163	110142	S114-414	112478	S114-70	110332	S114-907	113276
S114-163B	110142	S114-414A	112478	S114-705	111549	S114-907A	113276
S114-163E	110142	S114-418	111182	S114-705A	111549	S114-91	110155
S114-163F	110142	S114-419	111182	S114-705B	111549	S114-91K	110155
S114-164	110156	S114-419A	111182	S114-705C	111549	S114-92	110332
S114-164A	110156	S114-424	111182	S114-705D	111549	S114-922	115341
S114-170	110144	S114-424A	111182	S114-705E	111549	S114-925	112320
S114-170B	110144	S114-426	110277	S114-72	110332	S114-925A	112320
S114-170E	110144	S114-443	112373	S114-750	111459	S114-925B	112320
S114-172A	110277	S114-443A	112373	S114-753	112986	S114-925C	112320
S114-172D	110277	S114-450	110485	S114-753A	112986	S114-938	113962
S114-172E	110277	S114-461	111023	S114-753B	112986	S114-943	113962
S114-173	110277	S114-461A	111023	S114-753C	112986	S114-943A	113962
S114-173B	110277	S114-461B	111023	S114-758	111303	S114-947	113962
S114-173E	110277	S114-473	111136	S114-762	111549	S114-947A	113962
S114-173F	110277	S114-480	111136	S114-762A	111549	S114-948	113962
S114-174	110144	S114-480A	111136	S114-762B	111549	S114-949	112382
S114-184	110617	S114-480B	111136	S114-766	111459	S114-949A	112382
S114-194	112296	S114-481	111274	S114-766A	111459	S114-97	110142
S114-203	112674	S114-481A	111274	S114-767	111459	S12-19	110386
S114-208	110142	S114-482	111586	S114-769	111312	S12-19C	110386
S114-213	112659	S114-501	111010	S114-769A	111312	S12-19K	110386
S114-213A	112659	S114-501A	111010	S114-769H	111312	S12-19KA	110386
S114-220	114261	S114-505	111452	S114-775	111303	S12-19KB	110386
S114-221	114261	S114-505A	111452	S114-775A	111303	S12-38	110719
S114-221E	114261	S114-520	111459	S114-780	111452	S12-47	113408
S114-221F	114261	S114-520A	111459	S114-800	111459	S12-48	110573
S114-221G	114261	S114-520B	111459	S114-800A	111459	S12-58	110573
S114-221H	114261	S114-523	111608	S114-800B	111459	S12-63	110386
S114-221J	114261	S114-528	111763	S114-801	111382	S12-63A	110386
S114-2229	110277	S114-528A	111763	S114-801A	111382	S12-63B	110386
S114-229E	110277	S114-530	111459	S114-801B	111382	S12-63C	110386
S114-229F	110277	S114-533	111459	S114-801C	111382	S12-68	110386
S114-230	112674	S114-534	111459	S114-801D	111382	S12-68A	110386
S114-230A	112674	S114-535	111312	S114-802A	111459	S12-68B	110386
S114-231B	110417	S114-535A	111312	S114-806A	111803	S12-68C	110386
S114-232	110160	S114-55	110142	S114-808	111690	S12-68D	110386
S114-232A	110160	S114-550	110807	S114-808A	111690	S12-73	110565
S114-235	110417	S114-550A	110807	S114-808B	111690	S12-84	110443
S114-235A	110417	S114-553	111059	S114-808C	111690	S12-85	110439
S114-235B	110417	S114-553A	111059	S114-808D	111690	S12-87	110439
S114-237	110160	S114-554	111058	S114-815	113408	S12-89	110820
S114-23K	110617	S114-554A	111058	S114-815A	113408	S12-92	110719
S114-244	110485	S114-556	111182	S114-816	112373	S13-06A	110412
S114-253	110280	S114-556A	111182	S114-816A	112373	S13-101	111445
S114-253A	110280	S114-557	111182	S114-817	113408	S13-102	111445
S114-253B	110280	S114-557A	111182	S114-817A	113408	S13-104	110719
S114-254	110280	S114-566	110249	S114-821	114401	S13-105	110575
S114-254A	110280	S114-568	110279	S114-821A	114401	S13-105A	110575
S114-254B	110280	S114-568A	110279	S114-827	111549	S13-106	110574
S114-254C	110280	S114-569	111312	S114-829	112320	S13-106A	110574
S114-254D	110280	S114-569A	111312	S114-829A	112320	S13-106B	110574
S114-254F	110280	S114-569B	111312	S114-829B	112320	S13-106C	110574
S114-258	110280	S114-570	111303	S114-829C	112320	S13-106E	110574
S114-258A	110280	S114-570A	111303	S114-829D	112320	S13-107	111805
S114-258C	110280	S114-570B	111303	S114-839	111452	S13-107A	111805
S114-268	110280	S114-570C	111303	S114-844	114763	S13-111	110412
S114-268A	110280	S114-606	110249	S114-844A	114763	S13-112	111559
S114-297	110824	S114-606A	110249	S114-850	111534	S13-112A	111559
S114-303	111706	S114-606C	110249	S114-850A	111534	S13-114	111559
S114-303A	111706	S114-613	113661	S114-850B	111534	S13-114A	111559
S114-315	110279	S114-613A	113661	S114-850C	111534	S13-114B	111559
S114-316	110279	S114-614	110249	S114-850D	111534	S13-120A	110573
S114-319	110278	S114-617	111312	S114-850E	111534	S13-120B	110573
S114-320	110278	S114-617A	111312	S114-869	112320	S13-122	112365
S114-320A	110278	S114-625	110417	S114-87	110142	S13-122A	112374
S114-323	111766	S114-630	111312	S114-875	114308	S13-126	112365

## STARTERS & ALTERNATORS



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
S13-127	111805	S13-73B	110565	S25-505E	113675	31100-PM5-X03	111578
S13-127A	111805	S13-74	110565	S25-505G	113675	31100-PM5-YA010	111578
S13-127C	111805	S13-75	110573	S25-64	110616	31100-PM8-A01	111578
S13-132	112374	S13-78	112374	S25-64B	110616	31100-PM8-A010	111578
S13-136	111683	S13-82	110573	S25-64E	110616	31100-PM8-A02	111578
S13-138	112672	S13-82A	110573	S25-64F	110616	31100-PM8-A03	111578
S13-138A	112672	S13-82B	110573	S25-75	110616	31100-PR5-0030	111285
S13-160	114098	S13-89	110820	S25-75A	110616	31100-PW1-G01	111578
S13-204	112676	S13-89A	110820			31100-RBD-E01	114208
S13-207	112371	S13-89B	110820	<b>HONDA</b>		31100-RBD-E02	114208
S13-207A	112371	S13-89C	110820	06312-P8A-5050	113392	31100-RJH-004	113954
S13-207C	112371	S13-89D	110820	06314-P5M-305RM	112214	31100-RSR-E01	114208
S13-210B	111559	S13-91	111120	31100-657-024	110138	31100-RTA-003	114272
S13-210C	111559	S13-91A	111120	31100-MCA-003	114116	31100-RTA-023	114272
S13-211	110820	S13-92	110719	31100-MCA-700	114116	31100-RAA-A01	114272
S13-212	110574	S13-92A	110719	31100-P04-G01	111285	31100-RAA-A02	114272
S13-213	110574	S13-94	112374	31100-P04-G03	111285	31100-RAA-A040	114272
S13-237	111917	S13-94A	112374	31100-P04-G034	111285	31100-RAA-A05	114272
S13-27	110412	S14-03	112083	31100-P04-G05	111285	31100-ZA1-0030	112246
S13-27A	110412	S14-102	114874	31100-P05-C04	111285	31200-371-005	113538
S13-28	110412	S14-203	111559	31100-P08-003	111285	31200-371-505	113538
S13-289	110820	S14-205	110574	31100-P08-004	111285	31200-463-008	113538
S13-289A	110820	S14-205A	110574	31100-P08-013	111285	31200-463-405	113538
S13-294	112374	S14-210	111559	31100-P08-014	111285	31200-HA0-0682	111922
S13-302	111445	S14-210A	111559	31100-P1K-E03	111993	31200-HA0-773	111921
S13-302A	111445	S14-410	114526	31100-P1K-E05	111993	31200-HA0-774	111921
S13-302B	111445	S14-410E	114526	31100-P2E-A01	113035	31200-HA7-315	111924
S13-305	110575	S14-410F	114526	31100-P2E-A02	113035	31200-HA7-773	111923
S13-305A	110575	S14-413	114232	31100-P2E-G01	112349	31200-HC4-023	111921
S13-307A	110574	S210-100	114422	31100-P2E-G02	112349	31200-HM3-671	111926
S13-322	112365	S24-01	113210	31100-P2J-004	112349	31200-HM7-003	114715
S13-326	112365	S24-01B	113210	31100-P3F-013	113628	31200-HM7-A41	114715
S13-327	110574	S24-01C	113210	31100-P3F-A01	113628	31200-HM8-003	111927
S13-327A	112365	S24-01D	113210	31100-P3F-J01	113628	31200-HM8-A41	111927
S13-332	112374	S24-03A	110723	31100-P3F-J51	113628	31200-P01-003	110312
S13-33A	110412	S24-03B	110723	31100-P45-G04	112209	31200-P01-005	111442
S13-33B	110412	S24-03C	110723	31100-P5A-003	113433	31200-P03-005	111442
S13-34	110719	S24-07	111247	31100-P72-013	113094	31200-P06-L03	110249
S13-34A	110719	S24-13	110723	31100-P75-A01	113094	31200-POA-004	113398
S13-36	110386	S25-100	110580	31100-P7A-G01	112349	31200-POA-A04	113398
S13-38A	110386	S25-103	110580	31100-PDA-E01	112073	31200-P12-005	112214
S13-38B	110386	S25-110	110616	31100-PE0-003	110927	31200-P13-005	112214
S13-40	110719	S25-110A	110616	31100-PE0-004	110927	31200-P13-903	113024
S13-404	112676	S25-110C	110616	31100-PE0-013	110927	31200-P13-904	113024
S13-407	114213	S25-110F	110616	31100-PE0-014	110927	31200-P13-905	113024
S13-407	114253	S25-110G	110616	31100-PE0-020	110927	31200-P1J-E01	112217
S13-407A	114213	S25-110K	110616	31100-PE0-023	110927	31200-P1J-E010	112217
S13-407A	114253	S25-110L	110616	31100-PE0-024	110927	31200-P1J-E03	112217
S13-40A	110719	S25-110M	110616	31100-PE0-034	110927	31200-P1J-S010	112217
S13-40B	110719	S25-120	110723	31100-PE0-044	110927	31200-P1K-E01	111442
S13-41	112374	S25-120A	110723	31100-PE0-921	110675	31200-P28-G02	110312
S13-41A	112374	S25-121	111247	31100-PE0-924	110927	31200-P29-902	110312
S13-41B	112374	S25-121A	111247	31100-PE1-661	110675	31200-P29-903	110312
S13-41C	112374	S25-125A	113210	31100-PE1-662	110675	31200-P2A-004	110312
S13-41D	112374	S25-125B	113210	31100-PE1-663	110675	31200-P2A-014	110312
S13-45	110719	S25-156	111558	31100-PEC-J71	113035	31200-P2C-901	110312
S13-45A	110719	S25-158	113191	31100-PEJ-004	113035	31200-P2T-J01	113394
S13-45B	110719	S25-158A	113191	31100-PK1-001	111432	31200-P3F-A51	114226
S13-502	111445	S25-158B	113191	31100-PK1-004	111432	31200-P3F-J01	113629
S13-502A	111445	S25-160	113191	31100-PK1-014	111432	31200-P44-G01	112214
S13-514	112083	S25-162	110616	31100-PK1-0147	111432	31200-P44-G51	113024
S13-527	114032	S25-163	113675	31100-PK2-003	111609	31200-P45-G01	112214
S13-527A	114032	S25-163A	113675	31100-PK2-0031	111609	31200-P45-G11	112214
S13-527B	114032	S25-163B	113675	31100-PK2-004	111609	31200-P45-G51	111442
S13-551	114764	S25-163C	113675	31100-PK2-0040	111609	31200-P45-S01	112214
S13-551A	114764	S25-163E	113675	31100-PK2-014	111432	31200-P5M-004	112214
S13-551C	114764	S25-163F	113675	31100-PK2-0146	111609	31200-P5M-014	112214
S13-555	112083	S25-163G	113675	31100-PK3-A0100	111609	31200-P5M-901	113409
S13-555A	112083	S25-164	110616	31100-PK3-A0110	111609	31200-P5T-G00	113928
S13-555B	112083	S25-164A	110616	31100-PK3-A0120	111609	31200-P8A-A01	113392
S13-556	114032	S25-177B	114378	31100-PLM-A01	113954	31200-P9M-E00	113361
S13-557	112083	S25-212	110723	31100-PLM-A02	113954	31200-PCA-003	112214
S13-557B	112083	S25-302	113210	31100-PLZ-D00	112271	31200-PCX-A01	113630
S13-559A	114032	S25-303	113210	31100-PM5-A01	111578	31200-PDA-E020	112476
S13-559B	114032	S25-303A	113210	31100-PM5-A010	111578	31200-PDA-E03	112476
S13-61	110462	S25-501	113675	31100-PM5-A02	111578	31200-PDA-E030	112476
S13-61A	110462	S25-505	113675	31100-PM5-A020M	111578	31200-PDA-E53	112217
S13-63	110719	S25-505A	113675	31100-PM5-A07	111578	31200-PDA-S010	112476
S13-73	110565	S25-505C	113675	31100-PM5-A070	111578	31200-PE0-003	110249

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>HONDA Continued</b>							
31200-PE0-013	110249	31200-ZJ1-004	113594	PEO014	110927	<b>ISKRA</b>	
31200-PE0-015	110249	31200-ZJ1-841	113732	PEO034	110927	184452	111231
31200-PE0-461	110312	31200-ZJ4-003	113594			10.130.121	110601
31200-PE0-661	110312	31200-ZW5-003	115525	<b>HYUNDAI → KIA</b>			
31200-PE0-662	110312	31210-ZE1-023	113671	<b>HYSTER</b>			
31200-PE0-663	110312	31210-ZE3-013	113231	284074	113172	10.130.123	110512
31200-PE0-664	110312	31210-ZE3-023	113231	302821	110325	10.130.141	110439
31200-PE0-665	110312	AHGA03	111578	323812	111683	10.130.142	111217
31200-PE0-901	110249	AHGA17	111285	335867	113172	10.130.143	111217
31200-PE0-902	110249	AHGA18	111285	1347064	113132	10.130.172	111100
31200-PE1-670	111442	AHGA19	111285	1383240	113172	11.103.234	110866
31200-PE1-671	111442	AHGA24	113035	1388721	113985	11.130.002	110608
31200-PE1-6712	111442	AHGA25	112349	1469604	113679	11.130.003	112651
31200-PE1-672	111442	AHGA26	112349	1486530	112897	11.130.005	110601
31200-PE1-673	111442	AHGA35	113035	2135890	113172	11.130.007	111100
31200-PE1-674	111442	AHGA38	112349	3001010	111190	11.130.010	110524
31200-PE0-661	110312	AHGA44	113035	3001023	113172	11.130.019	115423
31200-PG6-004	110312	AHGA45	112349	3004017	110626	11.130.026	110536
31200-PG6-034	110312	AHGA50	113954	3004585	111190	11.130.029	111068
31200-PG6-663	110312	AHGA51	113954	3025527	113668	11.130.030	112651
31200-PG6-673	110312	AHGA52	114116	3042323	110616	11.130.034	110856
31200-PG6-911	111442	AHGA64	113954	3048566	110411	11.130.041	110206
31200-PG6-9110	111442	CFP29	114272	3122813	113132	11.130.074	110439
31200-PG6-9122M	111442	CHA07	110675	3049509	110325	11.130.075	110523
31200-PG6-914	111442	CHA08	110927	3122813	113132	11.130.076	110565
31200-PG6-915	111442	CHA19	110927	3136101	113172	11.130.083	110530
31200-PG6-916	111442	CHA22	110675	8504304	113172	11.130.115	110512
31200-PGA-E30M5	112476	CHA33	110927			11.130.116	110537
31200-PH3-006	111543	CHA50	111578	<b>INTERNATIONAL HARV.</b>			
31200-PH3-951	111543	CHA51	111578	104452A2R	113725	11.130.117	110536
31200-PH3-953	111543	CHA57	111578	1243060H91	110801	11.130.121	110520
31200-PH4-S12	111543	CHA84	111578	146487C91	111713	11.130.123	110814
31200-PH7-006	111546	CHK88	111609	1651386C91	112255	11.130.124	110518
31200-PH7-661	111546	CJK87	111432	1677974C91	112993	11.130.126	110537
31200-PK2-306	111543	CJK88	111609	1677974C92	112993	11.130.127	110640
31200-PK2-953	111543	CJN42	111285	1680859C91	112993	11.130.134	110856
31200-PK2-955	111543	CJN61	111432	1680859C92	112993	11.130.140	110529
31200-PK2-S02	111543	CJN84	111432	1754386C91	112255	11.130.141	110523
31200-PLC-T01	114816	CJN85	111609	1987559C1	113725	11.130.142	111217
31200-PLC-T011M	114816	CJN89	111609	3055414R92	111752	11.130.146	110517
31200-PLZ-D00	112320	CJQ20	111285	3055557R92	111752	11.130.151	113464
31200-PM1-005	110312	CJQ21	111285	3138942R91	110641	11.130.162	110367
31200-PM2-J01	111442	CJU31	113094	3218239EX	110641	11.130.170	110520
31200-PM3-003	110312	CJU33	113094	3218239R91	110641	11.130.172	110523
31200-PM3-0032	110312	CJU81	113628	3218544R91	112098	11.130.179	110545
31200-PM3-004	110312	CJU97	113628	3218577EX	111662	11.130.193	110367
31200-PM3-005	111442	CJV26	113628	3218577R91	111662	11.130.194	110439
31200-PM3-101	110312	CKZ29	110248	3218677R91	111752	11.130.198	110640
31200-PM3-J02	111442	CLB54	113433	321884EX	110766	11.130.199	110529
31200-PM3-J021	111442	CLO21	111285	3218884R91	110766	11.130.200	110565
31200-PM5-L02	110249	CSC29	114272	3228192R91	112135	11.130.201	110530
31200-PM7-005	111442	CSC91	114208	3228193R91	111752	11.130.203	110813
31200-PM7-306	111442	CSD73	114272	423103C91	112260	11.130.208	110585
31200-PO1-005	110312	CSD86	114208	424430C91	112260	11.130.216	110517
31200-PT0-003	112214	CSD89	114208	524023C91	110591	11.130.217	110367
31200-PT0-0031	112214	DB5B6	113231	586986C91	112989	11.130.218	111068
31200-PT0-005	112214	DB5X2	112246	590071C91	112260	11.130.219	110365
31200-PT0-015	112214	DDVDH	114816	672901C91	111261	11.130.225	110521
31200-PT0-900	113024	DDVDT	115362	683594C91	110300	11.130.229	110525
31200-PT0-903	113024	DDVDU	115362	711104R92	115428	11.130.230	110524
31200-PT0-904	113024	DDWDN	114375	82068EX	110537	11.130.233	110587
31200-PT0-905	113024	DFLEA	110249	998504R91	112260	11.130.234	110367
31200-PT0-906	113024	DR4R6	110312	A170746	113725	11.130.244	111064
31200-PT1-PO3	112214	DR4U2	112214	A181873	111888	11.130.245	110793
31200-PT1-T03	112214	DR4U3	113024	A187623	111843	11.130.248	115423
31200-PT1-T04	112214	DRDFE	110312	E41565	110523	11.130.250	112173
31200-PWA-G01	115362	DRFLO	110312	M41595	110766	11.130.253	110530
31200-PWA-G51	115362	DRK1E	111442	R941520	112747	11.130.254	111001
31200-PAA-A02	113398	DRL13	111442	V941501	110536	11.130.266	111055
31200-RNA-A01	114389	DRLF0	110312			11.130.300	110368
31200-RNA-A11	114389	DS4H1	114226	<b>ISEKI</b>			
31200-RNA-A50	114137	DS4HX	113630	6281-100-010-1E	111683	11.130.320	110449
31200-RNA-A51	114137	DS4R5	114389	6281-100-010-2F	111683	11.130.321	110338
31200-RAA-A01	113821	DS4RC	114389	6281-100-010-2H	111683	11.130.322	110529
31200-RAA-A51	113821	DS4RD	114389	6281-200-015-0	114190	11.130.328	110584
31200-RAA-A61	113821	DSDEC	113629	6581-200-338	112270	11.130.338	110587
31200-Z0A-003	114375	DX4R4	111442	6581-200-349	112270	11.130.339	110524
31200-ZE8-8010	112246	MHG016	113821			11.130.346	110585
31200-ZH9-003	113723	P2T1S	113394			11.130.352	111056
						11.130.362	110367
						11.130.364	110520
						11.130.366	110522

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
11.130.373	110565	11.130.663	111224	11.130.967	110365	11.131.605	114388
11.130.375	110793	11.130.664	111885	11.130.968	111025	11.131.606	114387
11.130.376	110545	11.130.665	112267	11.130.969	111123	11.131.607	114220
11.130.378	110866	11.130.669	111332	11.130.972	110818	11.131.622	111123
11.130.386	110565	11.130.670	111332	11.130.979	112496	11.131.635	110442
11.130.392	111228	11.130.672	112651	11.130.993	112670	11.131.674	115397
11.130.395	111068	11.130.673	113464	11.130.996	112379	11.131.686	114475
11.130.398	110584	11.130.676	113356	11.130.997	113430	11.131.697	114264
11.130.399	110368	11.130.685	113431	11.130.999	114050	11.131.705	112074
11.130.403	110529	11.130.687	111638	11.131.002	112171	11.131.727	113570
11.130.407	110524	11.130.692	110545	11.131.010	111848	11.131.728	113901
11.130.408	110439	11.130.695	111885	11.131.016	111771	11.131.754	112071
11.130.409	110640	11.130.697	110522	11.131.028	114276	11.131.761	114388
11.130.410	110529	11.130.704	111752	11.131.038	112660	11.131.764	110584
11.130.411	110565	11.130.705	112135	11.131.042	112391	11.131.769	112071
11.130.412	110525	11.130.706	111332	11.131.052	112545	11.131.770	112494
11.130.414	110545	11.130.710	114254	11.131.054	111909	11.131.775	114702
11.130.417	112304	11.130.711	110439	11.131.055	111900	11.131.780	114387
11.130.418	110587	11.130.716	113443	11.131.056	113387	11.131.781	114388
11.130.419	110565	11.130.722	111060	11.131.057	112286	11.131.782	115389
11.130.421	111422	11.130.723	112286	11.131.063	113478	11.131.793	114388
11.130.432	112039	11.130.728	111982	11.131.065	111793	11.131.829	111001
11.130.436	111350	11.130.729	113466	11.131.070	110615	11.131.846	112498
11.130.483	111131	11.130.730	113468	11.131.070	114387	11.131.848	114264
11.130.484	110536	11.130.732	111304	11.131.085	113468	11.131.856	115357
11.130.487	110365	11.130.734	114266	11.131.088	111641	11.131.863	114220
11.130.490	110518	11.130.736	112173	11.131.100	112390	11.131.864	114475
11.130.491	110523	11.130.739	112442	11.131.108	113478	11.131.903	113276
11.130.492	110521	11.130.743	110527	11.131.109	111855	11.131.928	111015
11.130.500	110814	11.130.748	113532	11.131.116	113901	11.131.929	113532
11.130.501	115423	11.130.762	111755	11.131.117	113429	11.131.942	114388
11.130.503	114265	11.130.763	111422	11.131.136	113459	11.131.945	115389
11.130.505	110351	11.130.766	112132	11.131.137	112005	11.131.946	114387
11.130.509	110565	11.130.769	110461	11.131.143	111640	11.131.947	114388
11.130.510	113381	11.130.772	111069	11.131.144	113468	11.131.948	113181
11.130.519	110338	11.130.773	111694	11.131.150	114702	11.131.951	111855
11.130.520	110819	11.130.775	111749	11.131.157	112034	11.131.964	114387
11.130.521	110530	11.130.777	110160	11.131.162	110819	11.131.965	115389
11.130.525	115423	11.130.782	111398	11.131.164	112496	11.131.989	114388
11.130.526	110615	11.130.783	113346	11.131.167	113532	11.132.010	112660
11.130.529	110584	11.130.787	111029	11.131.177	111640	11.132.034	115389
11.130.531	112249	11.130.790	110585	11.131.178	112306	11.132.035	114387
11.130.532	111693	11.130.793	111755	11.131.186	113690	11.132.036	114388
11.130.533	111755	11.130.795	110464	11.131.218	114777	11.132.094	114196
11.130.534	111755	11.130.797	113007	11.131.221	113478	11.132.101	113901
11.130.537	111640	11.130.807	110565	11.131.223	113181	11.132.106	114266
11.130.544	111055	11.130.809	110807	11.131.228	114387	11.132.138	114475
11.130.551	110536	11.130.819	111755	11.131.232	114460	11.132.149	114387
11.130.552	110536	11.130.820	113532	11.131.233	113480	11.132.159	110565
11.130.556	110584	11.130.821	110551	11.131.236	113468	11.139.008	110537
11.130.558	110839	11.130.836	113570	11.131.249	114254	11.139.012	110212
11.130.565	112041	11.130.841	112071	11.131.267	112534	11.139.013	110535
11.130.567	112555	11.130.842	112494	11.131.274	113007	11.139.020	110213
11.130.569	111755	11.130.845	112131	11.131.275	113725	11.139.022	112119
11.130.579	110462	11.130.854	111748	11.131.285	111398	11.139.025	110981
11.130.580	111055	11.130.860	111224	11.131.292	114264	11.139.028	110205
11.130.582	110585	11.130.862	110519	11.131.297	113674	11.139.029	110980
11.130.586	110365	11.130.872	110565	11.131.299	115329	11.139.030	111231
11.130.590	111064	11.130.881	113482	11.131.300	113429	11.139.032	110210
11.130.593	110351	11.130.885	110368	11.131.318	113532	11.139.033	111217
11.130.595	113484	11.130.886	110368	11.131.352	114002	11.139.034	110601
11.130.596	113465	11.130.889	111752	11.131.353	114398	11.139.035	110512
11.130.598	113466	11.130.895	112135	11.131.374	111755	11.139.036	110537
11.130.612	112039	11.130.896	112136	11.131.410	114387	11.139.037	110537
11.130.618	113381	11.130.897	110545	11.131.426	113901	11.139.038	110449
11.130.619	113467	11.130.898	111001	11.131.433	115357	11.139.052	110512
11.130.620	112249	11.130.899	115397	11.131.458	113181	11.139.077	111218
11.130.624	110462	11.130.904	110565	11.131.464	114050	11.139.098	111217
11.130.626	113468	11.130.910	111069	11.131.476	112436	11.139.107	112116
11.130.627	112074	11.130.911	111694	11.131.477	112053	11.139.108	111217
11.130.629	110565	11.130.922	114677	11.131.488	115389	11.139.140	110409
11.130.630	110818	11.130.923	113982	11.131.520	114050	11.139.156	110511
11.130.632	110819	11.130.944	113466	11.131.527	114677	11.139.163	112581
11.130.642	111070	11.130.956	111251	11.131.528	113982	11.139.164	111910
11.130.646	112295	11.130.957	113481	11.131.542	113570	11.139.165	112581
11.130.647	110867	11.130.963	111131	11.131.560	112441	11.139.305	111065
11.130.651	110847	11.130.964	110338	11.131.575	115393	11.139.327	112307
11.130.661	111025	11.130.965	110584	11.131.603	110813	11.139.331	112251
11.130.662	113007	11.130.966	111055	11.131.604	113182	11.139.333	113134

## STARTERS & ALTERNATORS

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>ISKRA Continued</b>							
11.139.334	112320	11.201.214	113376	11.201.526	111652	11.201.749	111170
11.139.401	112320	11.201.215	110880	11.201.528	111086	11.201.754	112299
11.139.402	111130	11.201.219	112098	11.201.529	111287	11.201.757	111833
11.139.403	111251	11.201.220	110913	11.201.531	111289	11.201.759	112170
11.139.404	110584	11.201.222	111652	11.201.532	112744	11.201.764	111364
11.139.406	111805	11.201.226	110881	11.201.534	112299	11.201.765	111325
11.139.409	111690	11.201.230	112310	11.201.536	113500	11.201.769	112230
11.139.410	112251	11.201.242	110890	11.201.543	111652	11.201.783	111180
11.139.411	112290	11.201.244	110902	11.201.544	110971	11.201.784	111649
11.139.413	111461	11.201.245	111288	11.201.545	112149	11.201.789	110163
11.139.415	111748	11.201.255	111075	11.201.554	111325	11.201.790	113768
11.139.416	111749	11.201.257	111154	11.201.555	111419	11.201.801	111834
11.139.418	111059	11.201.272	110178	11.201.557	110766	11.201.807	110043
11.139.421	113605	11.201.276	113574	11.201.566	111289	11.201.810	111355
11.139.422	113481	11.201.292	112183	11.201.568	111403	11.201.811	111368
11.139.423	112474	11.201.293	110348	11.201.570	112736	11.201.824	111176
11.139.424	112821	11.201.294	110350	11.201.571	112768	11.201.830	114514
11.139.432	111865	11.201.297	111800	11.201.572	111289	11.201.832	112112
11.139.433	111685	11.201.299	111168	11.201.573	111289	11.201.853	111226
11.139.435	111851	11.201.301	111289	11.201.574	110766	11.201.868	111629
11.139.439	111904	11.201.304	112768	11.201.576	111738	11.201.875	111843
11.139.441	113389	11.201.305	111364	11.201.577	111738	11.201.876	111355
11.139.443	113451	11.201.306	110890	11.201.578	111355	11.201.889	111352
11.139.445	111996	11.201.307	110358	11.201.579	111289	11.201.890	111176
11.139.447	112553	11.201.309	113376	11.201.580	112056	11.201.895	111833
11.139.448	113281	11.201.324	111654	11.201.581	110891	11.201.898	111477
11.139.449	112218	11.201.327	111686	11.201.582	111148	11.201.902	112343
11.139.452	110813	11.201.328	111686	11.201.583	111166	11.201.903	112747
11.139.453	110521	11.201.329	111686	11.201.584	112056	11.201.908	114081
11.139.454	110518	11.201.331	110913	11.201.585	111418	11.201.913	113474
11.139.455	110522	11.201.332	112112	11.201.586	113470	11.201.925	113610
11.139.456	113381	11.201.334	111654	11.201.587	111356	11.201.926	111800
11.139.459	112821	11.201.336	110882	11.201.590	112162	11.201.927	111168
11.139.506	110206	11.201.355	111687	11.201.592	110105	11.201.928	113376
11.139.514	110981	11.201.357	111686	11.201.595	111888	11.201.929	110105
11.201.017	111035	11.201.358	111036	11.201.600	112768	11.201.931	112056
11.201.021	110743	11.201.360	110113	11.201.601	110360	11.201.932	111166
11.201.027	110641	11.201.372	110641	11.201.603	111652	11.201.933	112056
11.201.032	110766	11.201.379	112149	11.201.605	111652	11.201.934	113632
11.201.037	111180	11.201.385	110348	11.201.610	111652	11.201.935	111888
11.201.047	110113	11.201.390	110971	11.201.611	111287	11.201.937	111528
11.201.050	110906	11.201.396	113474	11.201.613	111652	11.201.938	110127
11.201.052	110766	11.201.399	111362	11.201.617	110913	11.201.939	113477
11.201.055	112097	11.201.400	111362	11.201.624	111841	11.201.941	112170
11.201.060	111841	11.201.401	112149	11.201.632	110358	11.201.945	114465
11.201.062	113469	11.201.405	111035	11.201.633	110358	11.201.951	114289
11.201.066	110766	11.201.406	111148	11.201.635	110761	11.201.963	112688
11.201.067	110178	11.201.415	111362	11.201.662	111686	11.201.976	114049
11.201.068	111289	11.201.432	111035	11.201.664	111082	11.201.989	113632
11.201.069	110766	11.201.437	111094	11.201.665	110105	11.201.990	111479
11.201.070	110882	11.201.438	110919	11.201.666	112556	11.201.991	112046
11.201.071	112768	11.201.439	110919	11.201.667	112389	11.201.992	112325
11.201.075	112097	11.201.440	111811	11.201.675	112556	11.201.993	111293
11.201.085	111035	11.201.444	112098	11.201.676	111289	11.203.001	111842
11.201.087	110113	11.201.453	110105	11.201.679	112754	11.203.004	111369
11.201.093	111035	11.201.457	110890	11.201.685	111141	11.203.005	112529
11.201.094	112298	11.201.468	112097	11.201.691	111148	11.203.006	111903
11.201.095	110970	11.201.469	111171	11.201.693	111948	11.203.007	113442
11.201.096	110641	11.201.470	110968	11.201.695	113471	11.203.008	113486
11.201.097	111141	11.201.478	110881	11.201.696	111654	11.203.016	112556
11.201.102	111141	11.201.479	113470	11.201.697	113472	11.203.024	111354
11.201.112	110890	11.201.485	114077	11.201.701	111620	11.203.030	111890
11.201.115	111662	11.201.493	112162	11.201.705	110895	11.203.042	112718
11.201.122	111288	11.201.496	111085	11.201.706	111364	11.203.043	114110
11.201.145	110902	11.201.498	112191	11.201.707	110770	11.203.051	113949
11.201.146	112310	11.201.499	112098	11.201.709	113920	11.203.054	113485
11.201.151	110113	11.201.500	111662	11.201.710	111528	11.203.057	111318
11.201.155	110358	11.201.501	110641	11.201.711	113533	11.203.060	114289
11.201.167	111035	11.201.502	111662	11.201.713	111093	11.203.061	114464
11.201.186	110766	11.201.503	111740	11.201.716	111364	11.203.062	113768
11.201.198	111082	11.201.504	111740	11.201.717	111361	11.203.063	113768
11.201.201	110113	11.201.507	111662	11.201.723	110127	11.203.064	114110
11.201.203	111085	11.201.511	110881	11.201.728	110770	11.203.065	113949
11.201.204	111035	11.201.512	110881	11.201.729	111368	11.203.078	111884
11.201.205	111148	11.201.514	111686	11.201.732	111093	11.203.079	111899
11.201.207	111035	11.201.519	111833	11.201.735	111036	11.203.080	111820
11.201.209	112056	11.201.522	110895	11.201.738	114513	11.203.085	111842
11.201.210	111287	11.201.523	111321	11.201.744	111354	11.203.087	113529
11.201.211	111287	11.201.525	110113	11.201.746	113477	11.203.088	113529

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
11.203.094	112298	11.203.502	114767	11.209.439	112720	AZE1225	111641
11.203.097	111355	11.203.523	114671	11.209.440	112197	AZE1227	112390
11.203.098	112556	11.203.524	114783	11.209.441	112416	AZE1230	113690
11.203.099	113610	11.203.573	111631	11.209.442	112561	AZE1244	112218
11.203.102	114767	11.203.631	113771	11.209.443	110882	AZE1501	110338
11.203.106	112183	11.203.632	113772	11.209.445	112076	AZE1502	110584
11.203.107	113991	11.203.655	112747	11.209.446	112453	AZE1507	110584
11.203.110	112194	11.203.656	112046	11.209.447	110117	AZE1511	111422
11.203.111	112273	11.203.660	111843	11.209.448	112302	AZE1515	111123
11.203.113	112539	11.203.694	114767	11.209.454	112427	AZE1516	110365
11.203.114	112530	11.203.702	114767	11.212.001	111466	AZE1520	110338
11.203.115	111883	11.203.708	113603	11.212.066	110429	AZE1521	110584
11.203.116	111902	11.203.709	113575	11.212.107	112573	AZE1522	111055
11.203.119	114004	11.203.720	114469	11.212.108	112311	AZE1523	110584
11.203.124	113999	11.203.730	113621	11.212.169	112487	AZE1526	111055
11.203.129	112679	11.203.812	114772	11.212.212	113666	AZE1528	110365
11.203.139	111833	11.203.819	113837	11.212.306	110345	AZE1531	111025
11.203.151	114470	11.203.822	113621	11.212.416	111092	AZE1540	110807
11.203.155	113738	11.203.823	114896	11.212.417	111091	AZE2101	113481
11.203.164	113489	11.203.870	113999	11.212.450	112575	AZE2105	112496
11.203.165	111353	11.203.871	112460	11.212.516	112576	AZE2110	112379
11.203.167	112529	11.203.905	114868	11.212.609	112573	AZE2111	113430
11.203.175	113967	11.203.921	113510	11.212.610	113666	AZE2113	111848
11.203.181	113986	11.203.923	112457	11.212.619	112318	AZE2117	112545
11.203.186	112529	11.203.940	112458	11.212.622	112317	AZE2138	113459
11.203.204	112062	11.203.943	113248	11.212.957	111092	AZE2141	112496
11.203.205	112021	11.203.950	112471	11.214.057	111466	AZE2147	112307
11.203.215	111631	11.203.998	110127	11.216.117	112573	AZE2150	112320
11.203.223	112043	11.204.006	113640	11.216.257	113666	AZE2151	114460
11.203.227	112679	11.204.021	110175	11.216.273	112574	AZE2155	112534
11.203.231	113488	11.204.022	113245	AKK4322	111978	AZE2160	111398
11.203.232	112343	11.204.037	113768	AMJ4761	112574	AZE2165	113674
11.203.237	112424	11.204.040	113738	AMJ4762	112575	AZE2169	112320
11.203.239	111842	11.204.049	114783	AMJ5110	112576	AZE2185	111749
11.203.240	111833	11.204.052	113470	AMJ5175	112573	AZE2188	112474
11.203.241	111833	11.204.054	112046	AMJ5176	113666	AZE2189	112821
11.203.242	111842	11.204.069	113716	AMJ5272	111092	AZE2201	111865
11.203.248	111850	11.204.115	114772	AMJ5511	113666	AZE2204	111685
11.203.250	115381	11.204.159	113999	AMJ5591	111092	AZE2206	111851
11.203.268	111843	11.204.163	112460	AMJ5592	111091	AZE2210	112553
11.203.275	111746	11.204.187	114192	AMJ5632	110429	AZE2211	113281
11.203.281	114000	11.204.240	115381	AMJ5667	112311	AZE2213	115397
11.203.288	112002	11.204.244	114767	AMJ5690	112487	AZE2226	112821
11.203.288	114797	11.204.255	114767	AMJ5705	112573	AZE2502	112304
11.203.290	112535	11.204.258	114767	AMJ5730	113666	AZE2507	110839
11.203.301	112098	11.204.280	114110	AMJ5991	111092	AZE2512	110351
11.203.310	112075	11.204.337	114767	AMK3633	110345	AZE2521	111070
11.203.312	112079	11.204.391	113632	AMT4630	113852	AZE2522	112295
11.203.313	111989	11.204.396	111843	AZAF4569	114387	AZE2523	110867
11.203.314	112274	11.204.405	113531	AZAJ3124	111350	AZE2525	110847
11.203.331	112046	11.204.424	113707	AZB0101	110338	AZE2534	113443
11.203.332	113531	11.204.431	113888	AZD2108	111123	AZE2536	111060
11.203.333	111978	11.204.463	114783	AZD2119	110584	AZE2537	112286
11.203.337	112480	11.204.502	114379	AZD2126	113276	AZE2540	111069
11.203.350	114868	11.209.001	111369	AZD2127	111015	AZE2541	111694
11.203.363	113999	11.209.002	111477	AZD3508	111055	AZE2543	111749
11.203.368	114868	11.209.003	111186	AZD3513	111130	AZE2545	110160
11.203.388	114049	11.209.004	112165	AZD3514	111251	AZE2548	111029
11.203.389	114192	11.209.006	112151	AZD3515	110584	AZE2558	112131
11.203.390	114289	11.209.011	111514	AZD3517	111690	AZE2563	111748
11.203.391	115309	11.209.012	111732	AZD3519	111748	AZE2573	115397
11.203.396	113738	11.209.017	111797	AZD3520	111059	AZE2577	111069
11.203.397	113768	11.209.020	111426	AZD3522	113605	AZE2578	111694
11.203.398	113768	11.209.402	111186	AZD3523	113481	AZE2605	114677
11.203.399	114464	11.209.407	111426	AZE0201	110338	AZE2606	113982
11.203.404	113470	11.209.410	111797	AZE0303	110856	AZE2617	112171
11.203.405	110881	11.209.416	112803	AZE0304	111068	AZE2623	111909
11.203.415	112098	11.209.417	112159	AZE0305	111100	AZE2624	111900
11.203.416	113631	11.209.420	111886	AZE1202	111422	AZE2625	113387
11.203.423	114671	11.209.421	112561	AZE1203	110585	AZE2626	112286
11.203.433	112698	11.209.422	113448	AZE1209	111251	AZE2634	112005
11.203.440	114772	11.209.424	112271	AZE1210	111131	AZE2636	112034
11.203.443	113967	11.209.429	112654	AZE1211	110338	AZE2640	112306
11.203.458	113503	11.209.431	111795	AZE1212	110584	AZE2642	113480
11.203.462	114868	11.209.433	113667	AZE1213	111055	AZE2649	115329
11.203.468	113771	11.209.434	111834	AZE1214	110365	AZE2662	114677
11.203.470	112460	11.209.435	112757	AZE1215	111025	AZE2663	113982
11.203.493	114896	11.209.436	112345	AZE1216	111123	AZE2665	111904
11.203.494	113529	11.209.438	111987	AZE1219	112391	AZE3506	110367

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>ISKRA Continued</b>							
AZE3512	110367	AZF4220	111001	AZJ3188	113466	AZJ3508	110536
AZE3513	111068	AZF4224	114264	AZJ3192	112039	AZJ3514	110814
AZE3514	110365	AZF4228	115357	AZJ3195	113381	AZJ3515	110518
AZE3517	110367	AZF4229	114320	AZJ3196	113467	AZJ3516	110640
AZE3521	111070	AZF4230	114220	AZJ3197	112249	AZJ3517	110529
AZE3559	111064	AZF4231	114475	AZJ3198	110462	AZJ3518	110523
AZE4101	112251	AZF4237	112498	AZJ3199	113468	AZJ3520	110517
AZE4102	112290	AZF4258	115389	AZJ3201	112074	AZJ3522	113464
AZE4112	112053	AZF4260	115389	AZJ3203	110565	AZJ3525	110545
AZE4140	113389	AZF4275	115389	AZJ3204	110818	AZJ3531	110439
AZE4142	113451	AZF4295	114196	AZJ3206	110819	AZJ3534	110640
AZE4144	111996	AZF4298	114266	AZJ3214	113007	AZJ3535	110529
AZE4150	114388	AZF4310	114475	AZJ3215	111224	AZJ3536	110565
AZE4151	114387	AZF4315	114387	AZJ3216	111885	AZJ3537	110530
AZE4170	114388	AZF4507	111982	AZJ3217	112267	AZJ3538	110813
AZE4172	114387	AZF4508	113466	AZJ3218	111332	AZJ3542	110517
AZE4173	114388	AZF4509	113468	AZJ3219	111332	AZJ3544	110439
AZE4175	114388	AZF4510	113532	AZJ3221	112651	AZJ3546	110521
AZE4197	114388	AZF4513	113570	AZJ3222	113464	AZJ3548	110525
AZE4199	114387	AZF4514	112071	AZJ3223	113356	AZJ3549	110524
AZE4201	114388	AZF4515	112494	AZJ3229	113431	AZJ3552	115423
AZE4202	111855	AZF4521	111755	AZJ3231	111638	AZJ3554	112173
AZE4207	114387	AZF4527	113466	AZJ3234	110545	AZJ3556	110530
AZE4217	112660	AZF4535	114050	AZJ3236	111885	AZJ3557	111001
AZE4219	114387	AZF4554	114702	AZJ3237	110522	AZJ3567	110368
AZE4220	114388	AZF4559	113532	AZJ3242	111752	AZJ3582	110529
AZE4244	110565	AZF4569	114387	AZJ3243	112135	AZJ3589	110524
AZE4527	111065	AZF4573	113007	AZJ3244	111332	AZJ3593	110520
AZE4534	113478	AZF4576	114264	AZJ3247	114254	AZJ3594	110522
AZE4535	111855	AZF4577	113429	AZJ3248	110439	AZJ3598	110565
AZE4540	113901	AZF4582	113532	AZJ3255	111304	AZJ3599	110545
AZE4562	112251	AZF4596	111755	AZJ3256	114266	AZK5104	110512
AZE4564	113134	AZF4611	113429	AZJ3258	112173	AZK5105	110537
AZE4566	113181	AZG4605	111771	AZJ3261	112442	AZK5106	110537
AZE4597	113901	AZJ0102	115423	AZJ3263	110527	AZK5111	110439
AZE4603	113478	AZJ0402	110536	AZJ3274	111755	AZK5112	111217
AZE4620	113478	AZJ0404	110439	AZJ3277	112132	AZK5113	110601
AZE4634	111805	AZJ0405	110565	AZJ3279	110461	AZK5117	110601
AZE4635	111461	AZJ0501	110524	AZJ3281	113346	AZK5119	110520
AZE6509	113181	AZJ0602	112651	AZJ3283	111755	AZK5133	110449
AZE6513	112436	AZJ3105	110565	AZJ3284	113532	AZK5168	110537
AZE6514	112053	AZJ3107	110368	AZJ3285	110551	AZK5172	110212
AZE6526	112441	AZJ3110	110529	AZJ3297	111224	AZK5173	110535
AZE6531	110813	AZJ3113	110524	AZJ3299	110519	AZK5179	110213
AZE6554	113181	AZJ3114	110439	AZJ3305	110565	AZK5181	112119
AZF3509	110367	AZJ3115	110640	AZJ3310	113482	AZK5184	110981
AZF3512	110585	AZJ3116	110529	AZJ3311	110368	AZK5187	110205
AZF3515	110587	AZJ3117	110565	AZJ3312	110368	AZK5188	110980
AZF3517	111064	AZJ3118	110525	AZJ3314	111752	AZK5189	111231
AZF3518	110793	AZJ3119	110545	AZJ3317	112135	AZK5191	110210
AZF3524	111058	AZJ3121	110565	AZJ3318	112136	AZK5192	111217
AZF3528	110587	AZJ3123	112039	AZJ3319	110545	AZK5193	110601
AZF3531	110585	AZJ3124	111350	AZJ3320	111001	AZK5194	110512
AZF3534	111056	AZJ3128	110536	AZJ3324	110464	AZK5195	110537
AZF3542	110521	AZJ3131	110518	AZJ3330	110565	AZK5196	110537
AZF3543	110793	AZJ3132	110523	AZJ3347	110818	AZK5401	110206
AZF3545	110866	AZJ3133	110521	AZJ3351	112670	AZK5412	110512
AZF3547	111228	AZJ3137	110814	AZJ3364	112660	AZK5431	111218
AZF3549	111068	AZJ3138	115423	AZJ3369	110615	AZK5449	111217
AZF3551	110587	AZJ3140	114265	AZJ3369	114387	AZK5456	112116
AZF3555	110351	AZJ3144	110565	AZJ3374	113468	AZK5457	111217
AZF3558	110585	AZJ3145	113381	AZJ3387	111640	AZK5467	113850
AZF3559	111064	AZJ3148	110819	AZJ3388	113468	AZK5487	110409
AZF3566	111398	AZJ3149	110530	AZJ3389	110819	AZK5511	111217
AZF4116	115357	AZJ3150	115423	AZJ3393	111640	AZK5539	110511
AZF4122	114050	AZJ3151	110615	AZJ3402	114777	AZK5545	110206
AZF4129	115389	AZJ3155	112249	AZJ3404	113468	AZK5553	110981
AZF4135	114050	AZJ3156	111693	AZJ3405	114254	IA0021	110743
AZF4148	115393	AZJ3157	111755	AZJ3413	114398	IA0037	110899
AZF4155	113182	AZJ3158	111755	AZJ3447	110442	IA0037	111035
AZF4156	114220	AZJ3160	111640	AZJ3448	112581	IA0037	111180
AZF4178	114475	AZJ3169	110536	AZJ3450	111910	IA0050	110906
AZF4181	114264	AZJ3170	110536	AZJ3452	112581	IA0055	112097
AZF4190	113570	AZJ3177	112041	AZJ3458	110813	IA0060	111841
AZF4194	112071	AZJ3179	112555	AZJ3459	110521	IA0062	113469
AZF4197	112071	AZJ3181	111755	AZJ3460	110518	IA0067	110178
AZF4198	112494	AZJ3182	110462	AZJ3461	110522	IA0067	110759
AZF4199	114702	AZJ3186	113484	AZJ3462	113381	IA0067	111841
AZF4202	115389	AZJ3187	113465	AZJ3503	110530	IA0067	113378

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
IA0068	111289	IA0326	111620	IA0527	110358	IA0613	110975
IA0069	110766	IA0327	110882	IA0528	110179	IA0613	111652
IA0071	110882	IA0327	110890	IA0528	110969	IA0613	111653
IA0071	110890	IA0327	111418	IA0528	111086	IA0617	110913
IA0075	112097	IA0327	111686	IA0528	111184	IA0624	110077
IA0094	110920	IA0328	111686	IA0529	111287	IA0624	110914
IA0094	112298	IA0329	111620	IA0531	110968	IA0624	111767
IA0095	110970	IA0329	111686	IA0531	111185	IA0624	111891
IA0095	111948	IA0330	111686	IA0531	111289	IA0632	110358
IA0096	110641	IA0331	112719	IA0532	112744	IA0633	110358
IA0097	111141	IA0332	111620	IA0535	111072	IA0633	112112
IA0102	110751	IA0332	111654	IA0536	110766	IA0635	110113
IA0102	111141	IA0332	112112	IA0536	113500	IA0635	110761
IA0112	110611	IA0334	110912	IA0543	111652	IA0635	110906
IA0112	110890	IA0334	111654	IA0554	111325	IA0635	113920
IA0112	112719	IA0336	110882	IA0555	111419	IA0662	111686
IA0116	110641	IA0342	111653	IA0566	110770	IA0664	110920
IA0122	110913	IA0343	111620	IA0566	111289	IA0664	111082
IA0122	111288	IA0347	110611	IA0566	111362	IA0664	112728
IA0122	112149	IA0347	110970	IA0568	111403	IA0665	110105
IA0122	112763	IA0347	111078	IA0568	113839	IA0666	112556
IA0145	110902	IA0347	111687	IA0569	110735	IA0667	112389
IA0145	111152	IA0351	110880	IA0569	112098	IA0675	112556
IA0145	111287	IA0355	111687	IA0570	112736	IA0676	111289
IA0186	110766	IA0358	111036	IA0571	110611	IA0679	110619
IA0201	110113	IA0358	111621	IA0571	110890	IA0679	112754
IA0211	111095	IA0360	110113	IA0571	110912	IA0691	111148
IA0211	111287	IA0372	110641	IA0571	111138	IA0694	111413
IA0215	110880	IA0390	110971	IA0571	112719	IA0694	111620
IA0215	110911	IA0400	111362	IA0571	112768	IA0695	111036
IA0215	110975	IA0401	112149	IA0572	111289	IA0695	113471
IA0220	110913	IA0401	112735	IA0573	111289	IA0696	110912
IA0226	110881	IA0404	111076	IA0574	110766	IA0696	111654
IA0230	110877	IA0404	112162	IA0576	111086	IA0696	112719
IA0230	112310	IA0405	110612	IA0576	111364	IA0697	113472
IA0242	110882	IA0405	111035	IA0577	111364	IA0698	113472
IA0256	110916	IA0405	111148	IA0578	111289	IA0699	111620
IA0256	111075	IA0406	111148	IA0578	113574	IA0700	111032
IA0257	111152	IA0415	111362	IA0579	111289	IA0701	111620
IA0257	111154	IA0437	111094	IA0579	112754	IA0705	110895
IA0258	111036	IA0437	112149	IA0580	111169	IA0706	111364
IA0276	113574	IA0438	110919	IA0580	111800	IA0707	110770
IA0292	112183	IA0439	110919	IA0580	112056	IA0709	113920
IA0293	110348	IA0440	111811	IA0581	110891	IA0710	111528
IA0294	110350	IA0445	110358	IA0582	111035	IA0710	111658
IA0297	110914	IA0445	110730	IA0582	111148	IA0710	113477
IA0297	110972	IA0446	110913	IA0582	112719	IA0711	113533
IA0297	111168	IA0448	110911	IA0583	111166	IA0713	110923
IA0297	111800	IA0448	111652	IA0584	111169	IA0713	111093
IA0299	110914	IA0449	111141	IA0584	111800	IA0713	113866
IA0299	110972	IA0453	110105	IA0584	112056	IA0717	111361
IA0299	111168	IA0453	111649	IA0585	110882	IA0723	110127
IA0299	111800	IA0457	110890	IA0585	111418	IA0728	110770
IA0301	110178	IA0468	112097	IA0586	113470	IA0729	111368
IA0301	110612	IA0469	111072	IA0587	111356	IA0730	110921
IA0301	110759	IA0469	111171	IA0587	111364	IA0731	110923
IA0301	110770	IA0470	111355	IA0590	111076	IA0731	111093
IA0301	110968	IA0485	114077	IA0590	112162	IA0731	111149
IA0301	111185	IA0496	111085	IA0591	111620	IA0731	113866
IA0301	111289	IA0496	112753	IA0591	111686	IA0732	111093
IA0301	111362	IA0498	112191	IA0592	110105	IA0735	111036
IA0301	112683	IA0499	112098	IA0592	113632	IA0738	114513
IA0305	110179	IA0500	111662	IA0595	111888	IA0746	113477
IA0305	110759	IA0501	110641	IA0600	112768	IA0754	112299
IA0305	110969	IA0502	111662	IA0601	110360	IA0759	112170
IA0305	111086	IA0504	111740	IA0603	111652	IA0781	110043
IA0305	111289	IA0507	111662	IA0604	110178	IA0784	110105
IA0305	111364	IA0511	110881	IA0604	111653	IA0789	110163
IA0306	110890	IA0512	110881	IA0605	110767	IA0801	111834
IA0306	110912	IA0517	111629	IA0605	110975	IA0811	111368
IA0306	111138	IA0518	111629	IA0605	111653	IA0824	111176
IA0306	112719	IA0519	111629	IA0605	113758	IA0830	114514
IA0306	112768	IA0520	111842	IA0606	110911	IA0832	112112
IA0309	111166	IA0522	110895	IA0610	111652	IA0856	114465
IA0309	111187	IA0523	111321	IA0610	111653	IA0868	111629
IA0309	111656	IA0523	112758	IA0611	111095	IA0873	111569
IA0309	113376	IA0523	113839	IA0611	111287	IA0875	111843
IA0324	111654	IA0525	110113	IA0612	111652	IA0889	111352
IA0326	110912	IA0526	111652	IA0613	110919	IA0890	111176

## STARTERS & ALTERNATORS

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>ISKRA Continued</b>							
IA0895	..111629	IA1148	..112274	IA9433	..112453	IS0492	..110521
IA0895	..111833	IA1150	..111746	IA9438	..110743	IS0500	..110814
IA0898	..111477	IA1153	..111978	IA9439	..113923	IS0503	..114265
IA0902	..112343	IA1158	..112480	IA9442	..112159	IS0505	..110351
IA0903	..112747	IA1161	..114000	IA9443	..112561	IS0509	..110565
IA0908	..114081	IA1163	..112002	IA9444	..113448	IS0519	..110338
IA0913	..113474	IA1163	..114797	IA9445	..112561	IS0519	..110819
IA0914	..112098	IA1169	..113999	IS0005	..110520	IS0520	..110439
IA0925	..113610	IA1202	..113631	IS0005	..110601	IS0520	..110819
IA0963	..112688	IA1203	..113967	IS0007	..111100	IS0521	..110530
IA0970	..114049	IA1204	..112698	IS0030	..112651	IS0526	..110615
IA0989	..113632	IA1212	..114772	IS0034	..110856	IS0529	..110584
IA0990	..111479	IA1222	..113503	IS0075	..110512	IS0531	..111304
IA0992	..112325	IA1223	..113575	IS0115	..110208	IS0531	..112249
IA0993	..111293	IA1224	..113621	IS0115	..110512	IS0532	..110814
IA1001	..111842	IA1225	..114896	IS0116	..110537	IS0532	..111693
IA1004	..111369	IA1228	..113771	IS0126	..110537	IS0533	..111755
IA1005	..112529	IA1241	..114671	IS0130	..110210	IS0534	..111755
IA1006	..111903	IA1242	..114004	IS0151	..113464	IS0536	..110206
IA1007	..111354	IA1244	..112460	IS0178	..110206	IS0537	..111640
IA1012	..111890	IA1246	..113770	IS0179	..110545	IS0548	..111001
IA1013	..113442	IA1253	..111676	IS0193	..110367	IS0548	..112249
IA1018	..112718	IA1260	..113772	IS0193	..110866	IS0551	..110536
IA1019	..110113	IA1269	..111898	IS0201	..110530	IS0552	..110536
IA1019	..113529	IA1307	..113751	IS0203	..110529	IS0558	..110839
IA1020	..113529	IA1309	..111843	IS0203	..110813	IS0565	..112041
IA1021	..112298	IA1326	..114783	IS0216	..110517	IS0567	..112555
IA1022	..114289	IA1330	..114122	IS0248	..115423	IS0569	..111755
IA1023	..113768	IA1332	..114469	IS0250	..112173	IS0570	..110207
IA1026	..114464	IA1339	..112397	IS0254	..111001	IS0579	..110462
IA1027	..115309	IA1340	..113603	IS0280	..110582	IS0579	..111499
IA1031	..114110	IA1341	..112469	IS0281	..110214	IS0580	..111055
IA1036	..113486	IA1348	..111843	IS0281	..110531	IS0580	..111123
IA1040	..113485	IA1373	..112722	IS0285	..110207	IS0580	..111127
IA1041	..111318	IA1412	..113899	IS0287	..110533	IS0582	..110585
IA1043	..111902	IA1414	..113940	IS0289	..110213	IS0582	..111251
IA1044	..113489	IA1416	..112458	IS0289	..110532	IS0586	..110365
IA1045	..111353	IA1418	..112471	IS0320	..110449	IS0586	..111585
IA1052	..112529	IA1430	..113640	IS0338	..110587	IS0590	..111064
IA1057	..112230	IA1434	..113245	IS0338	..111130	IS0590	..112162
IA1057	..114004	IA1435	..113755	IS0346	..110520	IS0593	..110351
IA1058	..113999	IA1436	..113837	IS0346	..110585	IS0595	..113484
IA1064	..111884	IA1437	..113919	IS0346	..111251	IS0596	..113465
IA1065	..111899	IA1439	..113248	IS0346	..113753	IS0597	..111231
IA1066	..111820	IA1458	..113758	IS0352	..111056	IS0598	..113466
IA1073	..113986	IA1488	..113716	IS0364	..110520	IS0600	..110341
IA1076	..113738	IA1518	..113632	IS0366	..110519	IS0600	..112056
IA1078	..110881	IA1522	..113531	IS0366	..110522	IS0601	..110208
IA1079	..113470	IA1529	..113888	IS0375	..110793	IS0607	..110212
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IA1085	..112530	IA1547	..113707	IS0392	..111228	IS0618	..113381
IA1091	..112679	IA1586	..113716	IS0392	..112124	IS0619	..113467
IA1094	..113488	IA9003	..111186	IS0392	..112289	IS0620	..112249
IA1095	..112062	IA9005	..111891	IS0392	..112455	IS0622	..110512
IA1096	..112343	IA9014	..111294	IS0395	..111068	IS0624	..110462
IA1101	..112424	IA9015	..111515	IS0399	..110368	IS0626	..113468
IA1103	..111842	IA9017	..111797	IS0399	..111112	IS0627	..112074
IA1104	..111833	IA9018	..111467	IS0403	..110529	IS0629	..110565
IA1105	..111833	IA9020	..111426	IS0404	..111058	IS0629	..111346
IA1106	..111842	IA9026	..112143	IS0407	..110524	IS0630	..110818
IA1108	..111850	IA9027	..112654	IS0408	..110439	IS0631	..110442
IA1109	..112539	IA9028	..111795	IS0409	..110640	IS0632	..110819
IA1110	..111883	IA9405	..112774	IS0411	..110565	IS0642	..111070
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IA1117	..113949	IA9412	..112561	IS0417	..112304	IS0646	..112295
IA1126	..112679	IA9413	..113448	IS0428	..110534	IS0647	..110867
IA1127	..111631	IA9414	..110895	IS0429	..110535	IS0647	..112290
IA1128	..112043	IA9418	..112406	IS0432	..112039	IS0651	..110847
IA1133	..114767	IA9419	..111834	IS0483	..110337	IS0651	..111122
IA1134	..112021	IA9420	..112757	IS0483	..111053	IS0651	..111270
IA1136	..115381	IA9421	..112345	IS0483	..111123	IS0652	..110512
IA1137	..112535	IA9423	..111987	IS0483	..111131	IS0654	..111217
IA1142	..113340	IA9424	..112720	IS0484	..110536	IS0655	..110520
IA1144	..112075	IA9425	..112197	IS0486	..114438	IS0655	..110601
IA1145	..112273	IA9426	..112416	IS0486	..114744	IS0655	..111249
IA1146	..112079	IA9429	..112561	IS0490	..110518	IS0657	..111217
IA1147	..111989	IA9430	..110882	IS0491	..110523	IS0661	..110608
IA1147	..115482	IA9432	..112076	IS0492	..110517	IS0661	..111025

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
IS0662	113007	IS1079	113480	IS9068	111218	AAG0702	110743
IS0663	111224	IS1088	113007	IS90763	111422	AAG1104	111180
IS0664	111332	IS1089	113429	IS9078	111219	AAG1111	110178
IS0664	111885	IS1094	112005	IS9082	112120	AAG1130	111180
IS0665	112267	IS1101	112534	IS9083	111217	AAG1301	110641
IS0669	111332	IS1102	114702	IS9095	110207	AAG1307	113469
IS0670	111332	IS1104	115329	IS9096	112116	AAG1310	110970
IS0671	111001	IS1105	114264	IS9099	112507	AAG1311	110641
IS0687	111638	IS1108	114398	IS9128	111217	AAG1314	111662
IS0687	114047	IS1149	114677	IS9142	111771	AAG1315	110641
IS0688	110519	IS1150	113982	IS9143	113608	AAG1328	110641
IS0692	110545	IS1152	114276	IS9144	113851	AAG1338	111662
IS0695	111885	IS1160	115393	IS9145	112437	AAG1340	111662
IS0704	110521	IS1164	112441	IS9146	112224	AAG1341	111662
IS0704	111752	IS1169	113277	IS9147	112581	AAG1343	111649
IS0705	112135	IS1170	111130	IS9148	111910	AAG5118	111843
IS0706	111332	IS1175	111906	IS9149	112581	AAK1105	110360
IS0711	110439	IS1179	110999	IS9300	111136	AAK1107	110906
IS0716	113443	IS1190	111910	IS9307	111347	AAK1109	110766
IS0722	111060	IS1193	115389	IS9311	112309	AAK1110	112097
IS0723	112286	IS1195	114387	IS9312	112166	AAK1111	111841
IS0728	111982	IS1199	114020	IS9313	111786	AAK1113	110766
IS0729	113759	IS1201	114388	IS9317	111690	AAK1114	111289
IS0730	113468	IS1216	110584	IS9319	111805	AAK1115	110766
IS0732	111304	IS1236	114220	IS9327	112307	AAK1117	112768
IS0736	112173	IS1237	114320	IS9330	111619	AAK1123	111035
IS0743	110527	IS1239	114475	IS9331	112251	AAK1125	110113
IS0748	113532	IS1251	113851	IS9333	113134	AAK1128	111078
IS0762	111755	IS1254	112071	IS9334	112320	AAK1129	110920
IS0763	111422	IS1255	112494	IS9335	112103	AAK1130	111141
IS0766	112132	IS1263	110813	IS9403	111251	AAK1131	113376
IS0769	110461	IS1264	112498	IS9404	110584	AAK1133	110968
IS0772	111069	IS1265	113276	IS9409	111748	AAK1134	110761
IS0773	111694	IS1269	112436	IS9410	111749	AAK1135	110890
IS0775	111749	IS1277	114307	IS9414	111508	AAK1139	110360
IS0783	113346	IS1279	111015	IS9418	112821	AAK1140	111288
IS0787	111029	IS1286	113843	IS9421	111425	AAK1146	110730
IS0790	110585	IS1303	113901	IS9422	111490	AAK1150	110902
IS0792	110521	IS1315	112660	IS9424	113282	AAK1151	112310
IS0793	111755	IS1320	113725	IS9425	111865	AAK1152	110358
IS0820	113532	IS1341	114196	IS9426	111685	AAK1153	110113
IS0836	113570	IS1347	114266	IS9427	112431	AAK1157	110358
IS0841	112071	IS1378	110565	IS9428	111851	AAK1163	111035
IS0845	112131	IS9002	110534	IS9431	114163	AAK1165	110880
IS0854	111748	IS9007	110537	IS9432	111904	AAK1167	110766
IS0862	110519	IS9008	110537	IS9433	110363	AAK1170	111082
IS0881	113482	IS9009	110512	IS9434	113389	AAK1171	111035
IS0889	111752	IS9010	110533	IS9435	111120	AAK1172	111035
IS0895	112135	IS9011	110212	IS9436	113451	AAK1173	111148
IS0896	112136	IS9012	110212	IS9437	112439	AAK1175	111035
IS0897	114254	IS9013	110535	IS9438	111996	AAK1177	112056
IS0899	115397	IS9016	110208	IS9439	112553	AAK1178	111287
IS0899	115500	IS9017	110539	IS9440	113281	AAK1179	111287
IS0957	113481	IS9019	110582	IS9441	112218	AAK1181	113376
IS0979	112496	IS9020	110213	IS9442	113932	AAK1182	112098
IS0993	112670	IS9021	110532	IS9443	112436	AAK1183	110913
IS0996	114321	IS9022	112119	IS9444	110813	AAK1185	111652
IS0999	114050	IS9023	110206	IS9444	112267	AAK1189	110881
IS1010	112390	IS9025	110981	IS9445	110517	AAK1193	112310
IS1012	112391	IS9026	110209	IS9445	110521	AAK1198	110902
IS1015	112171	IS9027	110207	IS9446	110518	AAK1199	111288
IS1018	112660	IS9028	110205	IS9447	110522	AAK1204	110766
IS1024	111848	IS9029	110980	IS9447	110582	AAK1205	110113
IS1040	111909	IS9030	111231	IS9448	113381	AAK1209	112097
IS1041	111900	IS9032	110210	IS9450	113935	AAK1213	110113
IS1042	113387	IS9034	110214	IS9450	115501	AAK1228	111686
IS1043	112286	IS9035	110206	ISJ0002	110394	AAK1229	110113
IS1045	112034	IS9036	110512	ISJ0003	110709	AAK1301	111141
IS1046	110819	IS9038	110210	ISJ0004	110279	AAK1309	110113
IS1047	111641	IS9038	113855	ISJ0005	111459	AAK1312	112046
IS1051	112545	IS9040	110212	ISJ0006	111307	AAK1324	113474
IS1055	113532	IS9042	111046	ISJ0007	110810	AAK1325	111362
IS1056	111041	IS9051	110601	ISJ0008	110312	AAK1329	111362
IS1067	114777	IS9054	111219	ISJ0009	110713	AAK1330	110105
IS1072	111855	IS9056	110932	ISJ0009	112033	AAK1333	110968
IS1073	113181	IS9061	111003	ISJ0010	111476	AAK1337	113470
IS1075	114460	IS9062	110208	ZB4-12/06-9	111100	AAK1339	111176
IS1077	113429	IS9064	111249	AAG0402	111180	AAK1343	111740
IS1078	111771	IS9067	111249	AAG0403	111035	AAK1344	111740

## STARTERS & ALTERNATORS

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>ISKRA Continued</b>							
AAK1347	110895	AAK3585	111652	AAK4544	111082	AAK5512	111797
AAK1352	110766	AAK3587	111086	AAK4549	111141	AAK5513	111426
AAK1358	111289	AAK3588	111287	AAK4554	111948	AAK5517	111631
AAK1362	110105	AAK3590	111289	AAK4556	113471	AAK5518	112043
AAK1363	111888	AAK3591	112744	AAK4557	111654	AAK5521	112679
AAK1367	110895	AAK3595	113500	AAK4558	113472	AAK5533	114000
AAK1368	113920	AAK3802	110127	AAK4562	111620	AAK5535	111426
AAK1369	111528	AAK3817	114783	AAK4564	111176	AAK5541	112075
AAK1370	112098	AAK3820	113470	AAK4567	111364	AAK5542	112273
AAK1373	111361	AAK3822	112046	AAK4568	110770	AAK5543	112079
AAK1375	110127	AAK3834	113716	AAK4569	113533	AAK5544	111989
AAK1378	112736	AAK4104	111075	AAK4571	111093	AAK5545	112274
AAK1383	113477	AAK4106	111154	AAK4574	110770	AAK5547	113340
AAK1387	112170	AAK4116	110178	AAK4575	111368	AAK5553	112480
AAK1388	111364	AAK4118	113574	AAK4578	111093	AAK5560	114671
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Cross reference list

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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AR93447	110445	RE519568	113478	21163-5031	111840	1178136	113470
AR93448	110445	RE519975	113478	21163-7001	113593	1178511	112159
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AT173624	111888	RE52150	113007	21163-7007	114888	1178521	110881
AT185951	113531	RE522738	113007	21163-7010	113593	1178606	110881
AT195414	114459	RE525689	114868	21163-7014	114674	01178607	112046
AT195649	114679	RE526375	114275	21163-7022	113593	1178607	112046
AT220394	111843	RE527400	114275	21163-7026	114674	01178670	112041
AT229394	111843	RE537519	114712	21163-7029	113593	1178670	112041
AT23401	111755	RE539695	114712			01178671	113980
AT330320	114212	RE540412	114868			1178671	113980
AT78689	113531	RE54091	115314	<b>KHD</b>		01178689	110766
AW26844	113734	RE57960	113543	01161384	110536	1178689	110766
AZ23575	111649	RE59588	115314	1161384	110536	01179318	112555
AZ26910	110105	RE60384	111755	01161422	110523	1179318	112555
AZ28516	110105	RE60641	113478	1161422	110523	01179470	112041
AZ31316	113632	RE68470	110942	01162135	110117	1179470	112041
AZ38462	111215	RE684701	113478	1162135	110117	01179586	113464
CH12741	110485	RE70474	113983	01163558	114438	1179586	113464
CH15586	110485	RE70475	114277	1163558	114438	01179755	112183
CH19279	110485	RE70960	113983	01163626	113464	1179755	112183
DAW26844	113734	RE70961	114277	1163626	113464	01179756	114077
FGV35532054	114055	RES533653	111843	01163669	110536	1179756	114077
LG490240	112563	RG60654	110485	01163758	113467	01179882	112343
LG490420	112563	SE501354	114277	1163758	113467	1179882	112343
LG497401	112563	SE501380	111830	01163985	110641	01179897	112183
LG497595	110634	SE501424	114277	1163985	110641	1179897	112183
LG497596	110635	SE501844	113900	01164049	110766	01179941	111629
LG693551	113854	SE501854	113478	1164049	110766	1179941	111629
LG91262	112563	SE501856	112442	01164668	110536	01180040	112343
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MIU11006	114888	TY24438	110942	01170051	110536	1180649	113991
RE13722	111224	TY24441	113983	1170051	110536	01180650	114077
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RE186320	113975	TY25238	114197	1170731	110766	01180660	112183
RE19275	110942	TY25242	114518	01170739	110537	1180660	112183
RE257541	113975	TY25243	113742	1170739	110537	01180662	114077
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RE36267	111843	TY6669	110105	1171617	110641	01180804	110523
RE36268	112773	TY6684	111215	01171681	110766	1180804	110523
RE37201	111215	TY6688	110942	1171681	110766	01180805	112555
RE41799	110942	TY6715	110485	01172650	110766	1180805	112555
RE41875	111224	TY6717	110485	1172650	110766	01180928	112071
RE42123	111215	TY6719	110942	01172857	112736	1180928	112071
RE44140	111215	TY6720	111755	1172857	112736	01180995	111855
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RE501002	111755	TY6774	112170	01173241	110523	1180999	112494
RE501157	113478	TY6777	113531	1173241	110523	01181096	113895
RE501347	113478	TY6778	111215	01174166	110536	1181096	113895
RE501551	114195	TY6793	113531	1174166	110536	01181101	113980
RE50165	115314	TY6795	112773	01174253	112747	1181101	113980
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RE501693	113478	9402.3701	111811	1174631	110512	01181735	114110
RE502156	113478	9462.3701	111352	01174635	114437	1181735	114110
RE502196	113478	CT222A	113431	1174635	114437	01181737	115309
RE502811	114459	ST222A	113431	01174637	114438	1181737	115309
RE503226	112442			1174637	114438	01181743	113768
RE504245	114712	<b>KAWASAKI</b>		01174645	110535	1181743	113768
RE504807	112442	21163-2073	113596	1174645	110535	01181747	114289
RE505746	113478	21163-2077	114823	01175597	112343	1181747	114289
RE506079	114459	21163-2089	113734	1175597	112343	01181751	113181
RE506103	114712	21163-2101	113597	01175886	110536	1181751	113181
RE506145	115321	21163-2114	113663	1175886	110536	01181753	114220
RE506196	113543	21163-2118	113663	1175886	110536	1181753	114220
				01177063	112046	01181976	112071
				1177063	112046		

Cross reference list

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>KHD Continued</b>				<b>KIA</b>			
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1182027	113949	1183239	112494	36100-23165	111307	36100-23165	111307
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1182037	114289	01183284	114475	36100-23171	114820	36100-23171	114820
01182038	113768	01183286	114733	36100-26800	113659	36100-26800	113659
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1182039	113768	1183365	113181	36100-27011	113329	36100-27011	113329
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1182043	114110	1183439	114783	36100-2A300	113797	36100-2A300	113797
01182105	112548	01183441	114077	36100-2B020	114892	36100-2B020	114892
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1183209	114323	1181570KZ	114320	37300-25301	114827	37300-25301	114827
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		B4R12X3H762	110536				
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
37300-27012	113328	37300-42621	113343	OK24118400A	110808	32-098-04	114075
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37300-27030	113328	37300-42624	113343	OK24118400C	110808	41-098-05	111701
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37300-27502	114201	37300-42804	111929	OK2A218300	111237	41-098-10	111700
37300-27503	114201	37300-42860	113519	OK30C18300	113656	45-098-02	110510
37300-27504	114201	37300-42870	113519	OK30D18300	113656	45-098-03	110510
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37300-32510	110957	37300-47503	113519	OK64018300G	112506	52-098-02	110949
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37300-42206	110806	KK40118400	110807	5209813	112831	600-813-3610	114166
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37300-42455	113330	OK01218300	111787	12-098-21	112150	600-813-3711	114166
37300-42456	113330	OK05418300	112506	20-098-05	113854	600-813-3712	114166
37300-42457	113330	OK05418300A	112506	24-098-01	112546	600-813-3730	114166
37300-42458	113330	OK05418300B	112506	25-098-03	113017	600-813-3731	114166
37300-42459	113330	OK05418300C	113903	25-098-04	113017	600-813-3732	114166
37300-42470	113330	OK20118300	110663	25-098-05	113017	600-813-4000	111212
37300-42471	113330	OK20118300A	110663	25-098-06	113017	600-813-4120	111050
37300-42473	113330	OK20118300B	110663	25-098-07	113017	600-813-4122	111050
37300-42502	113343	OK24018400	110808	25-098-08	112546	600-813-4410	111212
37300-42542	113519	OK24118300	111237	25-098-09	112546	600-813-4421	110656
37300-42620	113343	OK24118400	110808	25-098-11	112546	600-813-4470	113203
				32-098-01	114075	600-813-4530	110555

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>KOMATSU</b> <i>Continued</i>							
600-813-4531	110555	15231-03012	110421	16235-63011	112547	19269-63013	111021
600-813-4532	110555	15231-63010	110421	16235-63012	112547	19279-64011	114256
600-813-4533	110555	15231-63011	110421	16235-63013	112547	19279-64012	114256
600-813-4560	110556	15231-63012	110421	16235-63014	112547	19279-64013	114256
600-813-4561	110556	15231-63013	110421	16235-63015	112547	19293-63011	110421
600-813-4562	110556	15231-63014	110421	16241-64010	113921	19400-63011	110447
600-813-4650	110556	15231-63015	110421	16241-64011	113921	19420-63012	110447
600-813-4651	110556	15231-63016	110421	16241-64012	113921	19616-63011	110356
600-813-4652	110556	15321-63015	110245	16285-63011	111622	19637-63013	110421
600-813-4670	111020	15321-63016	110245	16285-63012	111622	19821-63011	110938
600-813-4671	111020	15321-63017	110245	16404-64012	114085	19836-77200	113401
600-813-4672	111020	15401-63010	110720	16541-64011	114515	19837-63011	110421
600-813-4680	114164	15401-63011	110720	16611-63010	111021	19837-63013	110421
600-813-4681	114164	15401-63012	110720	16611-63011	111021	19883-63011	113204
600-813-4682	114164	15401-63013	110720	16611-63012	111021	19883-63012	113204
600-813-4790	114164	15411-64010	110258	16611-63013	111021	1C010-63010	113551
600-813-4791	114164	15411-64011	110258	16612-63011	110447	1C010-63011	113551
600-813-4792	114164	15425-63010	111197	16612-63012	110447	1C010-63012	113551
600-813-5660	110556	15425-63011	111197	16615-64011	114251	1C011-64010	114807
600-813-6410	113499	15425-63012	111197	16652-63012	111197	1C011-64011	114807
600-813-6411	113499	15425-63013	111197	16652-63013	111197	1G023-63010	113211
600-813-6412	113499	15425-63014	111197	16661-63012	111299	1G023-63011	113211
600-813-6610	114164	15435-63012	110245	16661-63013	110356	1G069-63010	112547
600-813-6611	114164	15461-63010	110720	16661-63013	111299	1G069-63011	112547
600-813-6612	114164	15461-63011	110720	16678-64011	113856	1G911-63012	114333
600-813-6632	111020	15461-63012	110720	16678-64012	113856	1K012-63010	114167
600-813-7110	114166	15461-63013	113966	16695-63011	110447	1K012-63011	114167
600-813-7111	114166	15461-63014	113966	16695-63012	110447	34070-16801	113893
600-813-7112	114166	15461-63015	110720	16695-63013	110447	34070-16803	113893
600-813-7113	114166	15471-64011	110258	16705-64011	111048	34070-75600	113921
600-813-7220	114166	15501-63010	110245	16705-64012	111048	34070-75601	113921
600-813-7221	114166	15501-63011	110245	16791-64011	111048	34070-75602	113921
600-813-7222	114166	15501-63012	110245	16824-63011	114686	37560-63010	110447
600-821-2350	111048	15501-63014	110245	16853-63011	114485	37560-63011	110447
600-821-3260	110800	15504-63010	110447	16871-63010	110447	37560-63012	110447
600-821-3280	110800	15504-63011	110447	16871-63011	110447	3A011-74012	111048
600-821-3350	110800	15504-63012	110447	16945-64011	113921	60081-33240	113203
600-821-3370	110800	15511-63010	110720	16945-64012	113921	66436-64011	113921
600-821-5510	112168	15511-63011	110720	16945-64013	113921	67980-31151	113211
600-821-5580	110562	15521-63010	110720	17123-63016	111197	6A100-31150	114501
600-821-6110	110562	15521-63011	110720	17298-63010	110720	6A100-31151	114501
600-821-6120	110562	15521-63012	110720	17298-63013	110720	6A320-59212	114194
600-821-6130	110562	15527-63011	114711	17311-63010	110245	6A830-59250	114657
600-821-6140	110562	15527-63012	114711	17311-63011	110245	70000-65424	110421
600-821-6150	110657	15527-63013	114711	17331-63010	110245	70000-73490	110940
600-821-6160	110657	15531-64013	114516	17331-63011	110245	70000-76500	110421
600-821-6190	110657	15531-64016	114516	17331-63012	110245	E7194-63010	112546
600-861-1611	114097	15531-64017	114516	17341-63010	110720	E7195-63010	114674
600-861-1951	114403	15601-63010	110940	17341-63011	110720	E7199-63010	110421
600-861-6410	114113	15601-63011	110940	17341-63013	110720	E7230-64012	114219
600-861-6420	114113	15601-63012	110940	17356-64010	113200	K3511-81410	110447
600-863-1410	114332	15621-63010	110940	17356-64011	113200	K3511-81411	114485
600-863-4110	114340	15621-63011	110940	17356-64012	113200	K3511-81412	114485
600-863-4130	114340	15621-63012	110940	17369-64011	110374	T1060-15680	113921
600-863-4210	114340	15621-63013	110940	17381-63012	110940	T1060-15681	113921
600-863-5110	114693	15621-63014	110940	17381-63014	110940	T1060-15682	113921
600-863-5711	114396	15621-64010	111195	17381-63015	110940	T1150-16800	115322
600-863-5910	114396	15621-64011	111195	17490-63011	110720	T1150-16801	115322
673-181-2530	114340	15641-63013	110720	17490-63014	111197	<b>KÄSSBOHRER</b>	
673-381-6510	114340	15641-63014	113966	17490-64010	114263	7421311000	110766
673-382-6510	114340	15707-63011	110245	17490-64011	114263	7421341000	110895
		15741-63010	110447	17490-64012	114263	7421348000	111629
		15741-63011	110447	17490-64014	114263	7431022000	110368
		15763-64010	111195	17490-64015	114263	<b>LADA</b>	
		15763-64011	111195	17525-64011	113401	293708	110351
		15763-64012	111195	17594-63012	110447	37.3701	110348
		15852-63010	111475	19007-63011	110421	3708000	110352
		15852-63011	111475	19013-63011	110940	4233708	110352
		15852-63012	111475	19013-63012	110940	4243708	110351
		15852-63013	111475	19202-63011	110938	4253708	110352
		15881-64200	111048	19212-63011	110246	4263708	110351
		15881-64201	111048	19212-63012	110246	5102.3771	111811
		15881-64202	111048	19215-63011	110246	5702.3708	112304
		16225-63013	110421	19215-63012	110246	5712.3708	110351
		16231-24011	113921	19260-64012	114256	5722.3708	110352
		16231-64010	113921	19269-19010	111021	9412.3701	112191
		16231-64011	113921	19269-63010	111021	2101370800002	110352
		16231-64012	111048	19269-63011	111021		
		16235-63010	112547	19269-63012	111021		

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
2100-3708000	110352	A001090517	113651	3502	110414	4894	112243
2101-3701000	110349	A001090524	113651	3505	110218	4918	112254
2101-3701005	110349	A001090546	113651	3508	110216	4927	110347
2101-3701010	110349	A001090550	113651	3510	110216	4930	112254
2101-3708000	110352	A001090557	113651	3535	110221	4937	113384
2101-3710000	110349	A0012303JB	110801	3548	111277	4946	112007
2103-12VIP54	110351	A0012670JB	113651	3550	111277	4960	111221
2105-3701005	110350	A0012670LC	113651	3553	110113	4963	110590
2105-3701010	110350	A0012700JB	113651	3560	111258	4987	110999
2108-3701010	110348	A0012700LC	113651	3563	110221	4997	112243
2108-3708010	110351	A0012800JB	113740	3571	110221	4999	111007
2108-3708010-6	110351	A0014727JB	112560	3601	113611	5092	112249
2108-3708019	110351	BCA3920	112159	3627	111258	5177	112130
2110-3701010	111811	BLD3314	115386	3664	112897	5179	112130
2110-3708010	112304	BLD3314C	115386	3681	110216	5234	111043
2112-3701010	111811	BLD3314GH	115386	3689	111258	5265	111043
2112-3701010-08	111811	BLP3317	115387	3691	112897	5268	110636
21213-3708010	110352	BLP3317A	115387	3696	110218	5270	111043
21214-3701010	112191	M0014502ME	110590	3720	110569	5278	110647
2121-43701010	112191			3744	112089	5279	110240
221-3701000	110349	<b>LESTER</b>		3745	111000	5281	110647
221-3708000	110352	3052	110999	3757	111000	5285	110644
222-3701005	110350	3054	110999	3758	112258	5287	110648
222-3701010	110350	3059	111000	3760	112089	5290	111043
224-370701	110348	3063	111000	3767	112089	5294	110645
224-373701	110348	3074	111000	3785	110999	5295	110648
2406-3708000	111350	3098	112089	3800	112897	5299	110649
2407-3708000	111350	3130	110226	3823	111000	5320	111000
3101-3708000	110352	3131	110226	3824	111000	5388	110650
9402-3701-14	111811	3132	110224	3838	112897	5389	110650
9402-3701000	111811	3134	111213	3876	111190	5392	110649
CT221128	110352	3138	111213	3902	110347	5393	110649
CT22112B	110352	3142	110229	3919	110241	5397	110644
CT2213708000	110352	3148	110230	3943	111007	5399	110654
F22112B42A	110349	3149	110228	3948	110999	5400	110241
KAT22112642	110349	3153	110225	3955	110999	5401	110654
KAT3K29.3708	110351	3162	110225	3958	112089	5701	113015
KAT3K35.3708	110352	3168	110225	3962	112089	5702	112567
KAT3KCT221126	110352	3175	112963	3972	111224	5706	112832
KAT3KCT22112B	110352	3182	110225	3974	112089	5707	112832
KAT3KT22214B	110350	3184	112963	3977	110569	5708	110648
L211A14B	110349	3185	112965	3978	112089	5709	110645
T2223701010	110348	3188	112016	3979	112258	5712	111043
T222-3701010	110348	3191	112963	3980	112089	5713	110647
		3204	112584	3987	110436	5714	112156
<b>LANDROVER → ROVER GROUP</b>		3205	111183	3991	111224	5716	110647
<b>LEECE-NEVILLE</b>		3207	110509	3999	110436	5718	110240
35259580	111221	3209	110231	4000	111221	5719	110644
2300J	110937	3213	111370	4150	111260	5722	110644
2300JB	110937	3218	111370	4162	112233	5723	112145
2300JC	110937	3219	112584	4167	110469	5724	112247
2303JB	110801	3220	112584	4196	110590	5726	112826
2360J	110937	3221	112592	4202	111190	5732	110636
2360JB	110937	3224	111844	4224	111190	5734	112146
2400J	110937	3227	111844	4233	110491	5735	110649
2400JB	110937	3228	112030	4234	110468	5736	110648
2500J	110937	3231	113222	4246	110468	5738	112827
2500LJ	113651	3232	112030	4249	110216	5739	110636
2626J	113651	3233	112592	4254	110469	5741	112157
2670J	113651	3238	113222	4274	110590	5742	110634
2670JB	113651	3239	111844	4275	112660	5743	110635
2670JC	113651	3250	110223	4276	112268	5744	112242
2670LC	113651	3257	110223	4280	110602	5745	111804
2700J	113651	3258	110222	4297	112233	5746	112563
2700JB	113651	3261	112235	4304	112232	5747	112566
2700JC	113651	3262	112340	4337	110506	5749	112312
2702LC	113651	3263	111374	4339	112233	5751	112313
2800J	113740	3267	112646	4383	110506	5752	112564
2800JB	113740	3268	111183	4389	111041	5754	112565
2800LJ	110937	3270	112586	4392	112268	5755	110510
2805J	110937	3272	112588	4398	110472	5756	111012
4425JA	110937	3295	110347	4426	110218	5757	110949
4502ME	112253	3300	112267	4438	111190	5758	113591
4625JA	110937	3339	110436	4455	111259	5760	111700
4725JA	110937	3353	111224	4600	110347	5761	110510
4727JB	112560	3367	111224	4611	112089	5763	113592
7064A	110937	3368	111224	4635	112089	5764	112830
8EA2018N	110371	3370	110999	4746	110999	5766	111701
		3374	110436	4791	111000	5769	112829

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>LESTER</b> <i>Continued</i>							
5770	112244	6372	110436	6572	112268	7241	111261
5771	112150	6378	110999	6573	112267	7251	110937
5774	112831	6379	112255	6574	111760	7252	110591
5775	113017	6380	112255	6575	110604	7254	111261
5776	113539	6382	111224	6576	110590	7263	112261
5777	113853	6383	111224	6578	111383	7266	112989
5780	111835	6386	112255	6581	111222	7276	110937
5783	112130	6387	111224	6582	111760	7294	110471
5785	110241	6392	111224	6583	112267	7296	110801
5796	113854	6393	112255	6584	111041	7300	110937
5797	115388	6398	113125	6585	112253	7305	110427
5801	114075	6399	112255	6586	110602	7331	110427
5898	112570	6401	111127	6588	112268	7339	110408
5915	112568	6403	112255	6589	113452	7344	110371
5918	113594	6405	113695	6590	112653	7359	110422
5919	113476	6407	111786	6591	112269	7374	110170
5922	114888	6409	111786	6592	111760	7379	110408
5930	114520	6410	111224	6594	112652	7380	110408
5932	114519	6415	112911	6595	112667	7383	110408
5933	114517	6416	111034	6596	113007	7388	110177
5951	113593	6419	111034	6598	113435	7392	110173
6148	110469	6420	112233	6600	112668	7412	110176
6157	110602	6423	110216	6606	112667	7427	110408
6166	112268	6425	110216	6607	112253	7461	110408
6167	111041	6431	112898	6615	112233	7467	110801
6168	111222	6434	112256	6616	112232	7471	111736
6179	110590	6437	112911	6618	110436	7475	110408
6188	112243	6438	112911	6636	110436	7478	110487
6200	111007	6440	112233	6646	112608	7479	110487
6203	112089	6442	112897	6656	111374	7480	110488
6207	110999	6448	112898	6670	113703	7481	110488
6208	111000	6449	112240	6672	110347	7482	110177
6224	110436	6454	111007	6686	110436	7484	110487
6229	112089	6458	112256	6687	110436	7486	110177
6230	111000	6459	112169	6688	110436	7498	110408
6232	110999	6466	112256	6703	111374	7499	110408
6241	112243	6467	112256	6713	111049	7505	110236
6243	112089	6468	112341	6722	111260	7509	110236
6245	110347	6469	112341	6723	111123	7546	110514
6246	110436	6470	112897	6724	111848	7549	110514
6252	110436	6471	112904	6726	111684	7564	112993
6253	110436	6472	112898	6728	111259	7585	110173
6254	110436	6473	112911	6737	111760	7602	110937
6260	111000	6476	112898	6744	112546	7608	110937
6269	112169	6477	112904	6764	110347	7611	110937
6287	113695	6478	112898	6779	110999	7612	110937
6289	112255	6479	112897	6780	110999	7613	113740
6292	112243	6480	112907	6789	111699	7614	110937
6293	112243	6481	112900	6791	112239	7642	112160
6294	112255	6482	112906	6792	111786	7644	113432
6300	111699	6483	112912	6803	114013	7650	112262
6310	110221	6485	112241	6804	113550	7669	111232
6312	112911	6488	112902	6806	113550	7670	111232
6313	111034	6489	112902	6822	113550	7671	111232
6316	112910	6490	112905	6824	113550	7673	111232
6317	110221	6492	112902	6825	113550	7679	111232
6320	112910	6493	112899	6833	113827	7681	112996
6322	112911	6494	112902	6837	114330	7685	112995
6323	112911	6508	111000	6911	113550	7686	111232
6325	112911	6510	111286	7006	110074	7687	112641
6328	110221	6511	112089	7024	110236	7711	113765
6334	112910	6513	112089	7078	110237	7712	113765
6337	112911	6515	112258	7107	110075	7715	112835
6338	110221	6519	110604	7111	110075	7729	112835
6339	110221	6525	110436	7117	110075	7736	112835
6343	112341	6526	110999	7122	110075	7739	111252
6346	113435	6528	112089	7135	110234	7740	111252
6349	110436	6536	112267	7136	112303	7745	110239
6352	112089	6541	110604	7138	112260	7748	112936
6354	112243	6544	110999	7150	110508	7750	111199
6356	112089	6548	113153	7152	111250	7751	113236
6358	112243	6551	112089	7160	110591	7753	112921
6359	112243	6554	112089	7164	110235	7759	111199
6360	110999	6557	110999	7176	110952	7761	112924
6361	110999	6560	111786	7179	110952	7765	112931
6368	112258	6562	111786	7195	110505	7768	111200
6369	110999	6563	111699	7197	110300	7770	112936
6370	111000	6570	111221	7239	110937	7771	112933
6371	110436	6571	110602	7240	111261	7773	112942

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
7775	112939	8370	111576	12094	112718	12273	111186
7780	112944	8391	110173	12096	112722	12278	110134
7781	112943	8392	112294	12097	113413	12281	112768
7782	112943	8393	110937	12100	111940	12286	110179
7784	112932	8415	110175	12102	111940	12288	112270
7787	112946	8416	110176	12103	111948	12291	111361
7788	112951	8419	110937	12109	112270	12292	112112
7790	112940	8421	110173	12110	113477	12293	112345
7795	112947	8422	110176	12111	112270	12294	112747
7796	112949	8460	113685	12114	110448	12298	110641
7797	112953	8465	114172	12115	112270	12306	111355
7830	110471	8466	113692	12118	110694	12307	111355
7843	112260	8469	113694	12122	111948	12309	110448
7853	111713	8483	114412	12125	110127	12311	113310
7914	112636	8532	113710	12126	113347	12318	114807
7940	112264	8561	114271	12129	112270	12324	113418
7965	112265	8568	114864	12130	113543	12333	113716
7972	112447	8600	114359	12132	111042	12346	114218
7973	112447	8602	114359	12134	112097	12350	114813
7975	112265	8649	115386	12135	111419	12352	114518
7976	111232	8826	113683	12136	112068	12355	113715
8003	112160	9007	110505	12138	111495	12356	113742
8012	111232	9045	110505	12140	111168	12361	112168
8013	111232	9070	110505	12144	111289	12367	110621
8019	111232	9187	111388	12145	111843	12372	113531
8021	111232	9446	110505	12146	111888	12374	112730
8022	112995	9787	111388	12147	112170	12376	111833
8027	111232	9913	110505	12148	112170	12379	112529
8029	112996	9928	110505	12149	112493	12384	112425
8030	112992	9970	110233	12151	113632	12387	113351
8050	113549	10932	114516	12153	112069	12388	113448
8052	110422	10938	114657	12154	112112	12389	113351
8053	110422	11001	113517	12159	111843	12390	113600
8055	110937	11002	112557	12161	111888	12405	112112
8056	110408	11019	112079	12162	112773	12407	110048
8057	110937	11102	111264	12164	110891	12410	110052
8058	113739	11202	114827	12165	110801	12411	111397
8062	110591	11343	115340	12166	111261	12412	111397
8071	112824	11471	114467	12167	111834	12425	110540
8072	112824	11475	115306	12169	112046	12429	113623
8076	112834	11765	111730	12170	110639	12432	114079
8078	112824	12001	111796	12174	111710	12438	113921
8079	112834	12002	113412	12175	110540	12459	114084
8080	113001	12020	110563	12176	111710	12470	114043
8081	113001	12024	110138	12177	111710	12550	113763
8083	113002	12029	110899	12179	113921	12571	112803
8085	113778	12030	111180	12180	110620	12582	114384
8108	110682	12031	110766	12182	110564	12585	112159
8128	112860	12038	111948	12183	111018	12650	114190
8160	112613	12040	111289	12184	111018	12653	114679
8160	112614	12041	111185	12185	111018	12656	112721
8188	112980	12043	110107	12186	111017	12656	114251
8200	112615	12045	110968	12187	110629	12671	114664
8227	111712	12046	110770	12188	110620	12745	113971
8231	112665	12047	111740	12189	111048	12774	114683
8232	112861	12048	111686	12190	113921	12775	114113
8233	111223	12053	110258	12192	114188	12776	114191
8237	112853	12055	111195	12195	111830	12780	114681
8238	112850	12059	110801	12197	111048	12782	114379
8239	111426	12060	111261	12198	111048	12805	114466
8247	112850	12066	111215	12199	111048	12807	114085
8252	112954	12067	110258	12199	113921	12852	114403
8253	112956	12068	111195	12204	114515	12876	115319
8259	112961	12072	111738	12212	112252	13014	112098
8260	112958	12073	111184	12217	110766	13018	110887
8261	112959	12074	110770	12218	110766	13028	110735
8264	112958	12075	112377	12219	113470	13056	110358
8273	112850	12076	110129	12223	111216	13058	110899
8274	112853	12077	113562	12224	113716	13059	111397
8281	113498	12078	112270	12226	110751	13068	111397
8282	113498	12079	110168	12239	111366	13069	110887
8291	112850	12080	110620	12249	110800	13075	110611
8292	113777	12086	111366	12251	110562	13077	110358
8340	110937	12088	111355	12257	110800	13080	111096
8341	110937	12089	111363	12260	110562	13094	110360
8342	110937	12090	111739	12267	111051	13100	111649
8360	113579	12091	111740	12270	111048	13106	110975
8361	113579	12092	113623	12271	111048	13107	111289
8362	113579	12093	113623	12272	112375	13109	110911

## STARTERS & ALTERNATORS

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>LESTER</b> <i>Continued</i>							
13113	110877	13384	113085	13649	113035	13889	113634
13128	110048	13385	112102	13655	111352	13900	113420
13137	111035	13389	112181	13656	111479	13901	111381
13138	111086	13391	110683	13657	111381	13903	111820
13140	110138	13394	113636	13658	111353	13921	112399
13143	110445	13397	111705	13664	111946	13922	113751
13147	110913	13398	113077	13667	113089	13923	113027
13153	110358	13413	111482	13675	113433	13930	112399
13159	111670	13414	111610	13677	113094	13931	113283
13193	110105	13415	111279	13679	111779	13932	113283
13194	111649	13416	111279	13680	111779	13933	112399
13196	110664	13417	112557	13692	111806	13935	113563
13197	110666	13419	112746	13700	111285	13942	112002
13203	112736	13426	110967	13701	111309	13945	113652
13204	110882	13429	110911	13702	111405	13946	111989
13205	110890	13432	111342	13703	111406	13947	112002
13206	110882	13440	111435	13707	110923	13948	113656
13207	112742	13441	111293	13709	112529	13951	113283
13208	111226	13442	111193	13710	111850	13952	113273
13213	111279	13446	111315	13713	113375	13953	114836
13214	110967	13450	111375	13718	111384	13959	113902
13216	112812	13451	111376	13719	112067	13966	113712
13223	113051	13455	111538	13723	111726	13970	112193
13227	111342	13456	110496	13725	112025	13972	111883
13229	111432	13457	111518	13727	112025	13973	113657
13232	110682	13458	111477	13728	113371	13974	115307
13234	111435	13465	112687	13729	111895	13997	113272
13240	110682	13467	112683	13734	112193	14000	111139
13242	112777	13470	112687	13735	113360	14013	110178
13243	112734	13474	111264	13738	113433	14014	110178
13244	112746	13482	111579	13742	113071	14024	110179
13245	111193	13483	112860	13743	113628	14029	110178
13249	110802	13485	111678	13747	113081	14030	110179
13250	110631	13491	111199	13751	112328	14037	111185
13251	110632	13494	113085	13753	111779	14040	110745
13259	110692	13495	111965	13754	111468	14049	110759
13265	110927	13497	113078	13760	113373	14050	111185
13266	111578	13499	111517	13763	113365	14052	110048
13268	112812	13501	112101	13764	113027	14057	110912
13269	111895	13503	111517	13766	113362	14061	111139
13271	110802	13509	111285	13774	112193	14071	110913
13275	111611	13512	113091	13778	113197	14088	111184
13276	111536	13521	113076	13782	113652	14129	110137
13277	111480	13523	111237	13783	112327	14131	110248
13280	113051	13533	111266	13784	113439	14184	110138
13285	111266	13537	111537	13785	111237	14189	110133
13289	110804	13549	111264	13786	112362	14194	110133
13294	111609	13551	111579	13787	112328	14213	110128
13297	110664	13552	113089	13788	111807	14214	110129
13301	113058	13553	113090	13790	113559	14223	110128
13306	113055	13554	113090	13792	113489	14231	110264
13307	113056	13557	111468	13793	112530	14241	110630
13309	113051	13558	113081	13797	112530	14242	110630
13316	110967	13559	111807	13798	113486	14243	110630
13321	111435	13564	112977	13800	112557	14249	110514
13322	110682	13575	111529	13801	112072	14267	110805
13323	110682	13577	113027	13802	112078	14282	111397
13327	111264	13578	113067	13803	112530	14293	110912
13329	111264	13580	111530	13814	111478	14294	111035
13334	110631	13592	113069	13815	112426	14295	110612
13335	110631	13593	112583	13816	111478	14297	111652
13336	111279	13594	113235	13818	111902	14299	110168
13338	111435	13596	111406	13819	111902	14303	110168
13339	111435	13597	111406	13822	113358	14375	110137
13341	113063	13599	111530	13827	113372	14390	112098
13350	110663	13605	111479	13828	113419	14391	111141
13351	111406	13606	111352	13838	111895	14392	111085
13355	112529	13607	111076	13839	111309	14394	110881
13356	112194	13608	111285	13846	112193	14395	111153
13357	112806	13613	111369	13847	113628	14396	112729
13359	112194	13614	111807	13849	113340	14401	111652
13360	112777	13622	111988	13850	112075	14402	111652
13361	112693	13623	112806	13851	112079	14408	110913
13363	112774	13625	112765	13852	111353	14410	110913
13367	112734	13637	111704	13853	112402	14412	111035
13374	110913	13639	111381	13870	113803	14415	111139
13376	111354	13640	111726	13873	113607	14421	110881
13380	111353	13644	113197	13882	112193	14427	112531
13381	111477	13646	111787	13884	113302	14436	110659

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
14449	110496	14986	111179	16616	111052	16913	110312
14456	113077	14988	112750	16617	111052	16914	111442
14457	113077	14989	111578	16619	111066	16922	110149
14502	110258	14995	111152	16629	111224	16924	110182
14510	110258	16121	111102	16635	111224	16933	110810
14515	110137	16122	111102	16637	110421	16935	110415
14516	110137	16133	110336	16645	110720	16938	110315
14571	110136	16184	110336	16647	110940	16939	110811
14572	111139	16186	110336	16650	110720	16940	110158
14578	110563	16191	112296	16657	110485	16941	110315
14585	110267	16197	110156	16658	110627	16946	110720
14587	110168	16201	110155	16659	110529	16949	111112
14589	110168	16203	110144	16660	110438	16952	110771
14592	110458	16205	110142	16664	110818	16953	111106
14594	110931	16207	110156	16668	110818	16954	111054
14597	112270	16209	110277	16669	112136	16956	111010
14605	111148	16210	110256	16674	110411	16957	110368
14610	110769	16211	110142	16675	110411	16960	113024
14611	111705	16215	110421	16686	111100	16962	111425
14615	110702	16216	110421	16689	110997	16963	111425
14622	114464	16217	110152	16692	110341	16965	111053
14643	111428	16218	110152	16696	111451	16966	110394
14647	110168	16220	110396	16697	110771	16969	110810
14648	110697	16222	110152	16702	110367	16971	111310
14652	110307	16223	110154	16706	110411	16975	112214
14655	112970	16225	110154	16708	110149	16977	111442
14659	112967	16231	110154	16710	110485	16978	111544
14663	110707	16238	110152	16711	110277	16980	111490
14666	110684	16258	110421	16731	111451	16984	112660
14667	110684	16271	110156	16737	110260	16990	113725
14668	113077	16289	110868	16739	111683	16993	110249
14671	110678	16299	110869	16744	110578	17000	110323
14674	110496	16341	110771	16755	110367	17005	112541
14678	110675	16353	111054	16756	110367	17006	111349
14679	111428	16360	111054	16758	110411	17007	111425
14683	110496	16362	111052	16771	110386	17009	111120
14684	110965	16363	112249	16774	110278	17010	110807
14687	112270	16367	110997	16775	110279	17011	110842
14690	110811	16369	110537	16780	110824	17013	111270
14698	110318	16372	110531	16781	110824	17019	110835
14700	110692	16400	110367	16790	110411	17020	111456
14706	110660	16401	111058	16791	111475	17025	111059
14718	110693	16407	110868	16793	110292	17027	110246
14719	110693	16408	110865	16794	110256	17028	110447
14720	110630	16426	113845	16795	110182	17030	111060
14729	110129	16438	110364	16797	110585	17037	112267
14730	110697	16443	110341	16798	111005	17038	111851
14739	110679	16445	110368	16799	110578	17040	112440
14755	110927	16450	110363	16805	110277	17043	110862
14757	110927	16458	110856	16822	111386	17044	111683
14758	110675	16463	112295	16823	110396	17047	111456
14779	110913	16464	111047	16824	111386	17057	111182
14782	111147	16466	110367	16827	110399	17059	111451
14783	111149	16484	111066	16828	113097	17068	111069
14792	111139	16488	110367	16830	110708	17070	111024
14797	110919	16500	110157	16831	110411	17071	111573
14810	110908	16514	110158	16833	110397	17072	110565
14818	111288	16522	110157	16839	111546	17073	110523
14820	111149	16530	111053	16840	111442	17074	110536
14821	111154	16534	110997	16843	110249	17075	110536
14824	110923	16539	110868	16845	111543	17077	112660
14825	112730	16543	110838	16849	111425	17081	111275
14842	110684	16546	110858	16850	111456	17082	111456
14843	110628	16548	110864	16853	110809	17084	111764
14844	110496	16563	111755	16854	111461	17085	111114
14848	110496	16566	111752	16857	110389	17086	113478
14849	111705	16578	110411	16858	110149	17092	110522
14852	110675	16579	110142	16859	110149	17093	110813
14857	110675	16583	110245	16863	110158	17094	110533
14858	110697	16584	110280	16864	110315	17095	111755
14875	112149	16586	110396	16873	113194	17096	110947
14882	110631	16595	110336	16881	113131	17097	112178
14900	112755	16597	110367	16884	112214	17098	111021
14905	112297	16598	110152	16889	111451	17099	110485
14916	110692	16605	110462	16890	113024	17100	110626
14921	111082	16606	110462	16895	110709	17103	114309
14944	111157	16608	110462	16896	110581	17106	110525
14949	110641	16612	110399	16902	110312	17108	110512
14955	111156	16614	110490	16905	111442	17110	113668

## STARTERS & ALTERNATORS

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>LESTER</b> <i>Continued</i>							
17111	110529	17326	110530	17639	110439	17827	113659
17112	111004	17353	113429	17644	110443	17839	113642
17113	110530	17354	110421	17646	110462	17841	114419
17114	110530	17355	110245	17647	110465	17852	113282
17115	110940	17362	110942	17649	110615	17866	113618
17116	110938	17363	110245	17650	110460	17870	113821
17117	110486	17365	110962	17651	110460	17879	111349
17124	111055	17366	110399	17652	111346	17882	113642
17126	110813	17367	110938	17653	110819	17900	113392
17131	111241	17368	110820	17654	112670	17908	113819
17132	110810	17372	113725	17659	111001	17909	113795
17134	111059	17373	110934	17660	110438	17914	113819
17135	111489	17375	110485	17662	112215	17920	113513
17136	111001	17376	113203	17663	111865	17922	114740
17138	111120	17380	110941	17668	111784	17958	114137
17140	111400	17382	111087	17670	110847	17982	115341
17141	110933	17383	113681	17671	113119	17988	114820
17144	111063	17389	113725	17678	114775	18004	111197
17145	111023	17399	110961	17678	115502	18005	110999
17146	111459	17407	112309	17679	113665	18006	111000
17147	111312	17410	111851	17683	113045	18009	113596
17157	110587	17415	111748	17685	112368	18010	114823
17166	110394	17416	111749	17687	111550	18012	113597
17167	111241	17423	111682	17688	111312	18013	110485
17170	111552	17425	111485	17693	110312	18019	111021
17171	110713	17437	111108	17695	111382	18021	110999
17172	111557	17445	110810	17698	111851	18022	110347
17173	111557	17453	111865	17699	111347	18024	112074
17176	110572	17461	112845	17701	110587	18026	112555
17181	110808	17462	112489	17702	111911	18029	110529
17184	110640	17465	111492	17704	110808	18030	110517
17185	110811	17466	111764	17705	111865	18031	110517
17189	113168	17467	113044	17707	113119	18032	110520
17191	111370	17468	112897	17709	111307	18033	110518
17192	110810	17469	110810	17713	111382	18035	112175
17194	110394	17470	111311	17715	113244	18038	110347
17196	111763	17480	111552	17717	111552	18050	110573
17197	111492	17481	110713	17720	112459	18051	112374
17201	111543	17483	110713	17723	111451	18055	112373
17210	111456	17484	113222	17724	111900	18056	111098
17211	110158	17486	113169	17728	113392	18058	113191
17213	110158	17492	110249	17729	113398	18059	110616
17214	111305	17495	112033	17730	111347	18061	110719
17216	111456	17496	112214	17732	113040	18062	110616
17219	110640	17497	112553	17733	113038	18063	110444
17220	111241	17501	110811	17735	113242	18064	110412
17223	112131	17506	111241	17746	113629	18065	111574
17224	111751	17507	111241	17749	111349	18067	110820
17228	111752	17508	112818	17750	111900	18074	110560
17229	112135	17509	112986	17751	112321	18078	110656
17234	112052	17514	111311	17752	111817	18083	110556
17236	111911	17523	111783	17753	113749	18085	111019
17242	111454	17528	113108	17754	113618	18086	111212
17246	111608	17533	113169	17755	111900	18088	114166
17248	111182	17534	111550	17761	113638	18090	110521
17252	110323	17537	111679	17762	113521	18091	110520
17256	110713	17546	113402	17763	113020	18092	110521
17257	111793	17548	113114	17764	113020	18093	110518
17258	111791	17552	111490	17765	111730	18096	110182
17263	111544	17559	112846	17770	111848	18100	112649
17278	110154	17560	111396	17771	113394	18104	110656
17281	112295	17564	112301	17772	111971	18105	110556
17286	110507	17569	113136	17774	112367	18106	111050
17288	110958	17573	113116	17776	113392	18107	111020
17291	113141	17578	112276	17777	113244	18110	110617
17292	113214	17580	111312	17778	111769	18113	110210
17295	111312	17589	110961	17779	111382	18125	110568
17300	110552	17591	113398	17780	112005	18128	110556
17302	113428	17592	111970	17781	111909	18139	113696
17303	113132	17604	113230	17782	110847	18141	110720
17307	111885	17605	111765	17783	112300	18142	110940
17311	112036	17606	110246	17785	113120	18144	110720
17315	111404	17609	110436	17790	113613	18145	113893
17316	111047	17614	113429	17793	113620	18146	110356
17317	112342	17615	113237	17796	113638	18147	110356
17318	112041	17616	110944	17803	113630	18148	110246
17320	110527	17619	110940	17820	112429	18151	111387
17321	110212	17622	113172	17821	113613	18154	111197
17325	110529	17628	112546	17822	113613	18159	114260

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
18163	111272	18343	113429	18951	113181	3631N-PG	110216
18171	111273	18350	112246	18954	113900	4*814	112089
18175	110940	18358	110856	18955	114021	7072-12	110238
18180	110490	18360	111851	18971	114418	7072-3	110238
18183	111189	18360	112440	18972	114394	7072-9	110238
18186	110260	18361	112442	18973	114479	7127-12	110233
18190	110580	18365	112172	18982	113208	7127-3	110233
18193	111393	18369	112034	18984	113723	7127-6	110505
18194	111254	18370	115324	18985	113732	7127-9	110505
18197	113239	18371	110524	18992	115323	7134-12	110235
18198	113172	18375	110210	19107	114686	7134-3	110235
18201	110485	18376	110980	19161	115322	7134-6	110235
18203	112478	18377	112119	19162	114485	7134-9	110235
18204	112374	18378	110532	19603	115525	7135M	110234
18205	110485	18379	110535	19614	114224	7137-12	110235
18206	112674	18381	110523	19668	111015	7137-3	110235
18207	110417	18386	111793	19669	111015	7137-6	110235
18209	111706	18387	113534	19670	111015	7137-9	110235
18210	113408	18388	111218	19708	114874	7145-6	110492
18216	110485	18392	112116	19749	114739	7150-72	110505
18219	113408	18393	110214	19805	114278	7154-12	110505
18220	111219	18394	111272	19820	114527	7157M	112448
18221	110538	18395	112177	19825	114275	7165-12	110075
18223	110209	18398	113551	19869	114165	7177-12	110505
18225	110539	18399	112010	19872	114712	7178-3	110505
18227	112074	18403	114486	19906	111683	7185-12	110233
18230	111855	18404	113734	19917	114168	7185-3	110504
18232	112071	18410	110411	19948	114017	7186-12	110505
18235	112542	18414	110447	19963	113985	7186-3	110505
18236	112173	18415	111915	19975	113995	7198-12	110505
18237	110519	18416	111918	20150	112151	7199-12	110505
18238	111300	18417	113211	20224	114303	7272-12	110233
18239	112323	18420	111917	21514	114779	7272-3	110505
18241	110576	18421	112011	22148	114828	7272-6	110508
18243	112342	18422	111755	22169	114129	7272-9	110508
18245	111913	18424	113207	23216	114187	7273-12	110471
18253	110208	18426	114197	23246	114468	7273-3	110471
18254	112670	18427	114400	23326	113903	7273-3R	110508
18257	113850	18436	111917	23353	114877	7273-6	110508
18261	110464	18444	114687	23358	115370	7273-9	110471
18262	110459	18449	113132	23542	114700	7273-9R	110508
18263	110444	18455	113983	23756	113537	7273-R	110508
18264	110462	18456	115314	23804	114121	7282-3	110233
18266	114674	18460	111332	23808	113904	7282-9	110505
18275	111197	18461	110814	23853	113710	7287-12	112988
18276	111224	18462	110519	30027	114185	7290-12	110492
18277	110356	18467	112249	30058	114266	7290-3	110492
18278	111136	18470	112034	30090	114478	7290-6	110492
18279	111534	18480	110545	30163	112290	7290-9	110492
18280	110723	18486	113727	30172	114307	7292-3	110471
18284	110723	18490	114213	30203	115376	7292-3R	110471
18285	110723	18490	114253	30492	114816	7292-9	110508
18287	113210	18491	112676	30993	112340	7292-9R	110471
18289	110565	18502	111029	32580	114051	7294-12	110471
18290	113408	18512	113663	32690	114144	7294-3	110471
18291	110412	18513	113231	32691	114237	7294-6	110471
18293	110573	18521	110656	32706	113678	7294-9	110471
18296	111559	18535	112544	32716	113977	7294-R	110505
18298	110573	18541	114445	32747	115329	7705-12	112914
18299	110412	18542	113669	32750	114764	7716-10	112835
18300	111836	18571	113550	33085	112336	7716-OE	112835
18305	111840	18596	113538	33165	114885	7719-12	112914
18310	114675	18600	113538	33181	115362	7735-10	111252
18312	112659	18629	113828	33315	114526	7735-2	112842
18313	114261	18638	114715	33330	114690	7756-3	112924
18314	111766	18645	113528	33331	115375	7802-11	110984
18318	113661	18727	113540	33336	115328	7802-3	110984
18319	112008	18737	113541	112547	112547	7802-7	110502
18327	111274	18753	113547	174848	111370	7804-11	110502
18328	111690	18754	113546	177763	113020	7806-2	112880
18329	111926	18756	113545	14668L	113077	7817-3	110724
18330	112010	18793	114103	16960D	113024	7819-11	110503
18331	113527	18870	113681	16960M	113024	7830-3	110471
18332	111922	18886	114182	16975D	112214	7830-3R	110471
18335	111924	18940	113655	16975M	112214	7830-9	110471
18336	111927	18941	113654	1787-0	113821	7853-6	111713
18337	111921	18943	112173	182-243	111641	7854-9	110235
18339	111923	18944	113670	3508M	110216	7858-11	110498
18340	111928	18949	112534	3510M	110216	7859-7	111388

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
23806	111185	23923	110179	24065	111185	24241	112238
23807	113378	23924	111185	24066	111184	24242	112238
23808	111185	23925	111185	24067	113474	24245	111355
23809	111184	23926	111184	24071	110968	24246	111363
23810	111184	23927	111184	24072	113378	24249	111362
23811	111185	23928	111184	24079	113378	24250	111740
23813	110178	23929	111289	24082	111185	24256	111363
23814	113378	23935	110969	24083	111184	24257	111741
23816	110178	23937	113474	24087	111948	24259	111176
23818	110179	23938	113474	24089	111289	24260	111364
23819	110179	23939	110179	24090	113474	24261	111362
23820	110179	23940	110179	24091	110891	24262	111364
23821	110178	23941	110179	24094	110178	24264	110607
23822	110179	23942	110178	24095	110178	24264	111754
23823	110178	23943	113474	24098	111289	24271	113920
23824	110179	23944	110178	24099	111185	24272	110770
23825	110178	23945	111185	24103	110178	24273	111739
23826	110969	23946	111185	24108	110179	24274	111740
23827	110178	23947	111184	24112	111289	24276	110770
23828	111184	23948	110179	24114	111184	24277	111362
23830	113378	23949	110179	24118	111086	24286	111361
23831	110178	23950	110179	24119	111364	24289	111362
23832	110968	23951	110179	24123	111948	24290	111738
23833	113474	23952	110179	24124	110107	24291	111355
23835	111948	23953	110179	24128	111289	24293	111623
23837	110178	23954	110179	24133	110179	24293	111742
23838	110178	23959	110178	24134	111185	24294	111355
23839	111185	23960	110179	24136	111289	24295	113623
23840	110178	23961	111184	24137	111289	24296	111364
23841	111184	23962	110178	24139	110612	24297	112238
23842	111185	23963	110179	24140	110178	24298	110770
23843	110178	23968	110968	24141	110179	24299	111569
23844	110178	23973	110178	24144	111289	24300	110770
23845	113378	23974	110178	24145	111364	24308	111741
23846	113378	23980	110612	24149	111086	24316	111743
23847	110178	23983	111185	24153	110179	24318	111289
23848	111185	23984	111184	24156	111364	24322	112722
23850	110178	23985	111185	24157	110770	24332	111364
23851	110178	23986	111204	24158	111355	24334	111176
23852	110179	23989	110178	24161	112238	24356	111355
23853	110178	23990	110178	24165	111289	24380	112238
23854	110179	23991	111204	24166	111204	24384	113623
23855	110178	23993	113378	24169	111366	24385	113623
23856	110179	23994	111185	24171	110641	24387	111355
23857	111184	23995	110968	24177	111364	24390	111355
23860	111184	23996	113474	24178	111364	24400	111740
23862	113474	23999	111204	24179	110178	24403	111176
23864	111086	24013	113474	24180	110179	24405	111368
23865	111948	24014	111204	24181	111289	24406	111569
23872	111184	24015	113474	24182	111184	24407	112722
23873	111185	24016	111204	24185	111185	24408	110770
23874	110178	24017	111204	24186	111740	24409	111368
23878	110178	24019	111948	24188	110607	24411	111361
23880	111948	24022	111948	24188	111754	24413	111569
23882	110968	24023	110179	24198	111366	24414	113623
23886	110178	24024	111185	24199	111289	24415	113623
23889	110178	24026	111185	24200	111364	24418	111361
23890	111185	24027	111086	24202	111355	24450	112722
23891	111185	24028	111184	24203	111035	24454	110770
23893	111185	24031	110968	24204	110107	24480	113763
23895	110178	24033	110107	24206	110891	25016	111103
23902	113474	24034	113474	24207	111176	25022	111103
23903	110178	24036	111185	24208	110770	25024	111103
23904	110178	24037	111289	24209	111355	25041	111103
23905	111184	24041	111078	24214	111035	25061	111103
23906	111184	24044	110969	24215	111362	25062	111103
23909	110178	24045	110968	24217	111176	25063	111103
23910	110179	24046	110891	24219	111366	25065	111103
23911	110178	24048	110179	24220	110891	25071	111102
23912	110179	24049	113574	24221	111176	25075	111102
23914	110178	24051	110178	24223	111368	25079	111103
23915	110178	24052	110178	24228	112238	25083	111102
23916	110179	24054	111289	24229	110891	25085	111103
23917	110179	24058	110178	24230	110607	25087	111103
23918	110178	24059	110179	24230	111754	25088	111103
23919	110178	24061	111185	24231	111368	25089	111102
23920	110178	24062	111086	24233	110891	25097	111103
23921	110179	24063	110968	24235	110968	25105	111102
23922	110179	24064	110969	24240	112238	25112	111102

## STARTERS & ALTERNATORS

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>LUCAS</b> <i>Continued</i>							
25138	111103	26259	110440	26624	111053	27469	110439
25147	111102	26264	110439	26628	111030	27470	110439
25149	111103	26265	110465	26631	112390	27472	110443
25196	111102	26267	111865	26649	110831	27473	110442
25201	111103	26273	110819	26654	110831	27474	110439
25204	110336	26274	110565	26656	110831	27476	110464
25205	110336	26278	110818	26657	110831	27477	110442
25206	110831	26281	110442	26660	113346	27478	110443
25208	110336	26283	110443	26667	111303	27479	110442
25219	112390	26284	110545	26678	111131	27480	110439
25238	111102	26285	110817	26679	111131	27485	110442
25239	111103	26286	110464	26680	111030	27486	110443
25249	110336	26288	110438	26689	111750	27487	110442
25250	110831	26290	110813	26690	113346	27488	110439
25255	110831	26291	110462	26693	113346	27500	110462
25257	110363	26294	110615	26694	113346	27501	110461
25270	110336	26304	111573	26695	112141	27502	111737
25271	110336	26310	110817	26801	111865	27504	113380
25272	110336	26311	110465	26805	110842	27506	110615
25276	110831	26312	113380	26813	111608	27507	113380
25277	110831	26316	110462	26814	111303	27508	112660
25281	110831	26321	110440	26834	111608	27510	110565
25282	110771	26323	110565	26841	111608	27511	110465
25286	110363	26329	113380	26845	111608	27512	110545
25287	110840	26330	110462	26913	110867	27513	111573
25288	110831	26336	112660	26917	110818	27515	110565
25289	110336	26338	110462	26920	112277	27518	110615
25290	110840	26339	110462	26925	110462	27519	110460
25326	111053	26341	110465	26935	110867	27520	110615
25331	110831	26342	110545	26941	110867	27522	110819
25332	111053	26343	111573	26942	110867	27523	110565
25333	110831	26344	110819	26943	113752	27524	110615
25335	110336	26345	110565	26945	113752	27526	111573
25338	111053	26349	110459	26946	113752	27528	111499
25339	111118	26351	111573	27002	111030	27529	110565
25344	111053	26352	110462	27004	112141	27531	110461
25345	111102	26355	110461	27005	111131	27533	112136
25355	111117	26356	110461	27006	111131	27537	110460
25356	110831	26357	110615	27008	111053	27539	110565
25357	110336	26359	111737	27014	111131	27540	110819
25368	110831	26360	110465	27018	112390	27541	111346
25383	111053	26364	110462	27022	111303	27543	110459
25397	110337	26365	110819	27034	113346	27545	110459
25648	110336	26366	110565	27043	111303	27546	110819
25681	111865	26369	111737	27047	111303	27547	111346
25692	113745	26371	110444	27305	113484	27553	113380
25696	111865	26374	110460	27309	112670	27554	110465
25728	110840	26375	110443	27311	112670	27556	112660
25735	110868	26376	111573	27315	112670	27559	110460
25755	113745	26379	111499	27401	110814	27564	111574
25756	113745	26388	110461	27407	110442	27565	111346
26071	110818	26390	110813	27408	110439	27567	110461
26072	110465	26391	110439	27409	110439	27568	111346
26137	110462	26394	110640	27411	110442	27569	110462
26143	110818	26395	110462	27413	110818	27570	110615
26145	110439	26398	112136	27415	110442	27571	110819
26147	110462	26399	110462	27417	110443	27572	110565
26148	110443	26400	110444	27419	110464	27575	112660
26151	110442	26406	110565	27420	110438	27577	110461
26153	110464	26407	110461	27421	110439	27578	110565
26154	110439	26408	110460	27423	110818	27580	110819
26166	110464	26410	110565	27424	110817	27582	110819
26167	110818	26411	110819	27425	110441	27583	110565
26172	110465	26412	110439	27426	110462	27584	110819
26173	110818	26414	111346	27427	110817	27585	110615
26186	110439	26416	110459	27430	113381	27586	112660
26189	110462	26417	110525	27431	110444	27587	110545
26193	110438	26418	110443	27432	110439	27588	110615
26196	110443	26420	110459	27435	110443	27590	111346
26198	110442	26422	110443	27440	110640	27592	110615
26200	110439	26428	112660	27443	110459	27593	110819
26211	110462	26430	113380	27446	110440	27594	110565
26213	110462	26431	110465	27459	110439	27595	111574
26220	110439	26432	110545	27460	110441	27596	110615
26227	110462	26433	112660	27463	110818	27598	111346
26233	110439	26436	110460	27464	110442	27599	110565
26242	110545	26587	111131	27465	110464	27601	112136
26246	111573	26600	111131	27467	110443	27602	111346
26256	110440	26601	111131	27468	110440	27603	110615

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
27604	112660	54021918	110178	54022200	111355	54022330	111176
27606	110565	54021919	111289	54022203	111368	54022335	111362
27607	110615	54021920	110968	54022204	110770	54022336	111739
27608	111346	54021921	111289	54022205	110612	54022337	111740
27609	110615	54021953	110969	54022206	110612	54022338	110630
27610	111346	54021955	111364	54022207	111366	54022340	110891
27614	110462	54021985	110179	54022211	111362	54022341	110770
27620	111346	54021986	110968	54022212	110770	54022342	111356
27621	110615	54021987	111184	54022213	111364	54022344	110891
27625	110615	54021988	110969	54022214	111356	54022346	111176
27626	111346	54021993	110178	54022215	110612	54022348	110770
27627	111346	54022001	113474	54022216	110770	54022349	110770
27628	110615	54022006	110178	54022217	111356	54022351	110607
27629	111346	54022007	113474	54022218	111364	54022351	111754
114360	114360	54022011	110179	54022219	110770	54022373	111754
26021103	110482	54022014	110968	54022220	112238	54022374	110607
26021104	110483	54022017	110178	54022222	110607	54022374	111754
26021117	112650	54022032	110178	54022223	111368	54022375	111361
26021235	111185	54022052	111364	54022224	111368	54022378	111741
26021276	113683	54022053	111362	54022225	110770	54022379	111738
26024243	111184	54022054	110968	54022226	110770	54022381	110612
26025115	113670	54022057	110770	54022227	111364	54022382	111355
26251048	111385	54022058	112238	54022228	111366	54022383	110770
26256963	110615	54022059	111356	54022229	110770	54022384	110770
26921046	111185	54022060	111176	54022232	111176	54022385	111364
26925056	112163	54022083	110178	54022233	110891	54022388	110891
35213725	110968	54022084	110179	54022234	111356	54022389	111356
35213730	110969	54022090	111364	54022235	111176	54022390	111738
47020054	113713	54022097	110968	54022236	110891	54022391	110968
47020055	112112	54022101	111364	54022238	110968	54022392	110770
47020056	113713	54022108	110770	54022241	111362	54022393	112238
47020057	112112	54022109	110770	54022242	110770	54022394	111623
47020058	113713	54022117	110770	54022243	111289	54022394	111742
47020059	112112	54022118	110770	54022244	110770	54022396	111623
47020060	113714	54022119	111364	54022245	110770	54022396	111742
47020061	111510	54022123	111364	54022246	111366	54022397	113623
47020062	113713	54022127	111364	54022247	111368	54022398	110770
47020063	113713	54022128	111364	54022248	110607	54022401	111366
47020065	112112	54022130	110607	54022251	111176	54022402	111368
47020067	112112	54022137	110969	54022254	111738	54022408	111355
47020068	112112	54022140	112238	54022255	110770	54022409	110770
47020069	113713	54022142	111362	54022256	112238	54022410	111356
47020083	111510	54022143	110770	54022257	110612	54022414	110770
47020084	112112	54022145	111366	54022260	110612	54022415	111569
47020086	112112	54022146	110612	54022261	110968	54022418	111356
47020088	112112	54022147	111289	54022262	110770	54022419	110891
47020089	112112	54022148	111364	54022263	110770	54022420	111148
47044605	112317	54022151	111364	54022264	111366	54022425	111743
47044606	112318	54022152	111364	54022265	111366	54022426	110770
47044608	112317	54022154	110612	54022266	111364	54022427	110612
47044616	112317	54022158	110891	54022267	112238	54022428	111355
47044617	112318	54022159	111176	54022268	112238	54022429	111743
47920141	112277	54022160	111362	54022274	111366	54022431	110770
47920166	112277	54022162	111176	54022275	111176	54022432	110770
54021350	111185	54022163	110770	54022277	110770	54022437	112722
54021351	111184	54022164	110770	54022279	110891	54022438	110770
54021491	110178	54022165	110178	54022280	110770	54022439	110770
54021493	110179	54022166	111366	54022281	111176	54022443	112718
54021494	110178	54022167	110770	54022282	110770	54022445	110770
54021506	111356	54022171	111035	54022283	110891	54022448	111368
54021551	111184	54022173	111356	54022285	111356	54022449	111368
54021649	110975	54022176	111355	54022286	110968	54022458	110770
54021663	110968	54022178	110770	54022287	111176	54022459	112021
54021757	110612	54022179	112238	54022290	111176	54022466	113763
54021764	111184	54022182	111362	54022291	111356	54022468	112324
54021772	110968	54022183	111364	54022292	111363	54022469	113763
54021810	110179	54022184	110891	54022295	110770	54022474	111176
54021813	110178	54022186	110770	54022301	110607	54022481	111363
54021831	110968	54022187	111176	54022301	111754	54022483	110770
54021845	110179	54022188	110770	54022306	110770	54022495	111623
54021850	110968	54022189	112238	54022308	111361	54022495	111742
54021851	112128	54022190	111356	54022309	111176	54022498	112021
54021853	110968	54022191	110770	54022310	111363	54022510	112238
54021868	110178	54022192	111176	54022312	111176	54022512	111754
54021873	111184	54022193	110770	54022313	111356	54022513	110607
54021879	111356	54022195	110770	54022314	111176	54022514	111176
54021879	113378	54022196	111366	54022317	111176	54022515	111754
54021898	110178	54022197	110891	54022322	111741	54022516	110607
54021917	110178	54022198	111176	54022323	111741	54022516	111754

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>LUCAS</b> <i>Continued</i>							
54022517	111368	54022647	111355	61924050	110536	25024044A	110441
54022518	111368	54022652	111176	61924051	110523	25092D	111103
54022519	111368	54022653	111361	61924066	110813	25281B	110831
54022521	113914	54022654	111361	61924100	110809	25648A	110336
54022524	113763	54022656	112722	61924101	110315	25648K	110336
54022525	113623	54022662	111361	66021101	110972	25735A	110868
54022527	112718	54022663	112238	66021113	110968	25735E	110868
54022528	112722	54022664	111361	66021155	110497	26024033A	113478
54022529	112722	54022668	111362	66921126	110497	26024070A	113670
54022530	112722	54022686	110770	66925191	112390	26024242A	114821
54022532	112722	54022689	111623	004001C01	113683	26025009B	110615
54022536	110770	54022689	111742	1-2507-01ND	113803	26025016A	110368
54022537	111623	54022695	111362	16ACR	110178	26025110A	111574
54022537	111742	54022700	111368	22703K	110483	26025115A	113670
54022538	111754	54022708	111623	22703M	110483	26025117A	110523
54022539	111754	54022708	111742	22704H	110482	26025128A	110442
54022547	111623	54022711	111569	22704L	110482	26025136A	110524
54022547	111742	54022716	111176	22704Q	110482	26025198A	110440
54022549	112698	54022740	111362	22705F	110482	26143A	110818
54022552	112238	54022746	112722	22705L	110482	26148A	110443
54022554	110770	54022747	111368	22715E	110482	26148F	110443
54022555	111623	54022751	112722	22715K	110482	26148H	110443
54022555	111742	54022752	111355	22719H	110483	26148N	110443
54022556	111623	54022754	111368	22719J	110483	26196A	110443
54022557	111623	54022789	111738	22733E	110483	26196B	110443
54022557	111742	54022803	111362	22733J	110483	26211A/L	110462
54022558	110607	54265233	110565	22762E	110484	26220A	110439
54022558	111754	54292967	112277	22765B	110482	26246A	111573
54022560	112722	57020057	112112	23548A	110178	26246E	111573
54022561	112722	60021011	110968	23548D	110178	26246L	111573
54022564	111623	60021012	110969	23548E	110178	26246M	111573
54022564	111742	60021013	110968	23565A	110178	26259A	110440
54022565	111623	60021014	110968	23566A	110178	26259K	110440
54022565	111742	60021015	110969	23568A	110179	26259L	110440
54022569	111754	60021026	110975	23570A	110178	26259N	110440
54022572	111289	60021040	110968	23570B	110178	26281A	110442
54022575	111623	60021041	110969	23572A	110179	26281E	110442
54022575	111742	60021054	110972	23572B	110179	26281F	110442
54022578	111569	60021055	110972	23572D	110179	26281J	110442
54022579	111355	60021056	110972	23763A	110179	26281R	110442
54022580	112722	60021061	110969	23980A	110612	26283A	110443
54022581	111356	60021062	110968	23980B	110612	26283F	110443
54022582	111742	60021063	110975	23985A	111185	26283H	110443
54022583	111623	60021065	110969	23986A	111204	26283K	110443
54022583	111742	60021066	110968	24036A	111185	26284E	110545
54022584	111176	60021067	110975	24058A	110178	26285A	110817
54022585	111176	60021068	110975	24059A	110178	26285E	110817
54022586	111364	60210158	110968	24061A	110178	26285F	110817
54022588	111623	60210159	110969	24061B	110178	26286A	110464
54022588	111742	60210160	110969	24063A	110968	26286E	110464
54022589	111368	60210163	110968	24063D	110968	26286F	110464
54022590	110770	60210164	110968	24065A	111185	26286H	110464
54022591	112238	60210165	110968	24072A	111356	26286J	110464
54022593	111364	60210167	110968	24072B	111356	26288A	110438
54022595	111356	60921028	110969	24079A	113378	26288E	110438
54022598	111362	60921029	110968	24087B	111948	26288F	110438
54022600	111741	60921030	110968	24112A	111289	26294A	111737
54022601	111741	60921031	110969	24134A	111185	26294B	111737
54022602	111176	61920107	111184	24157D	110770	26294D	111737
54022603	110891	61920201	113376	24157F	110770	26294E	111737
54022604	110891	61920269	110890	24181A	111185	26294F	111737
54022606	113763	61920270	110882	24185A	111184	26294N	111737
54022608	111361	61920271	112097	24206A	110891	26294Q	111737
54022610	111623	61920275	111418	24206B	110891	26295A	110460
54022610	111742	61920286	113378	24207A	111176	26295B	110460
54022614	111176	61920287	111184	24214A	111035	26295D	110460
54022615	111623	61920289	111184	24217A	111176	26295E	110460
54022616	110770	61920310	111738	24221A	111176	26295F	110460
54022617	111368	61920311	111289	24235A	110968	26295M	110460
54022619	111569	61920312	110759	24235B	110968	26298D	111346
54022620	111289	61920314	111289	24235D	110968	26304A	111573
54022621	110770	61920315	111086	24246A	111363	26304B	111573
54022623	110770	61920316	111086	24261A	111362	26304D	111573
54022625	110770	61920334	112128	24273A	111739	26305A	113380
54022626	113623	61920335	112205	24274A	111740	26305B	113380
54022628	111738	61920400	111086	24295B	113623	26305D	113380
54022639	111355	61920401	112128	24327A	111363	26305H	113380
54022642	111355	61924015	110813	24334A	111176	26305J	113380
54022646	112238	61924031	110518	24356A	111355	26305N	113380

**STARTERS & ALTERNATORS**



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
26310A	110817	26430A	113380	27469A	110439	A1924-10	112835
26310D	110817	26430D	113380	27470A	110439	A1931-12	112921
26310E	110817	26431A	110465	27470B	110439	A8203	112970
26310F	110817	26431B	110465	27474A	110439	A8313	110675
26310H	110817	26436A	110460	27474B	110439	A8317	111432
26321A	110440	26436B	110460	27500A	110462	A8318	111578
26321B	110440	26814A	111303	27500J	110462	A8520	110659
26321D	110440	26814B	111303	27502A	111737	A8720	110684
26321F	110440	26814D	111303	27502D	111737	LEA0002	111184
26323A	110565	26920A	112277	27504A	113380	LEA0004	111289
26329A	113380	26920E	112277	27504B	113380	LEA0005	110759
26329B	113380	26921168A	113683	27506A	110615	LEA0006	111086
26329D	113380	26925121A	112164	27506D	110615	LEA0007	111086
26329K	113380	26925121E	112164	27507A	113380	LEA0010	111185
26329L	113380	26925121H	112164	27507B	113380	LEA0011	111289
26341A	110565	26925155A	110462	27510E	110565	LEA0012	113378
26341B	110465	26925155B	110462	27511A	110465	LEA0013	113378
26341D	110465	26925159A	111310	27513A	111573	LEA0017	111418
26341J	110465	26925159B	111310	27518A	110615	LEA0028	111184
26342A	110545	26925159E	111310	27518B	110615	LEA0029	110882
26342B	110465	26925188A	110438	27518E	110615	LEA0030	111364
26342D	110545	26925188D	110438	27519A	110460	LEA0031	111364
26342K	110545	26925189A	110439	27519D	110460	LEA0032	111738
26342L	110465	26925189D	110439	27520A	110615	LEA0034	111289
26343A	111573	26925193A	110565	27520D	110615	LEA0036	111355
26343B	111573	26925194A	110443	27522A	110819	LEA0037	110891
26343D	111573	26925194D	110443	27522D	110819	LEA0038	112238
26343K	111573	26925196A	111346	27523A	110565	LEA0039	110607
26345A	110565	26925198A	110440	27523D	110565	LEA0042	111623
26345B	110565	26925198D	110440	27526A	111573	LEA0044	111742
26345D	110565	26925200A	110441	27526D	111573	LEA0044	111289
26345J	110565	26925240A	110421	27533A	112136	LEA0046	110891
26349A	110459	26925262B	112660	27533E	112136	LEA0047	110891
26349B	110459	26925316A	110615	27537A	110460	LEA0048	111176
26349D	110459	26925316B	110615	27537B	110460	LEA0049	111176
26349H	110459	26925519A	110565	27539A	110565	LEA0050	111741
26357A	110615	26935D	110867	27539F	110565	LEA0052	111741
26357B	110615	27301K	112670	27540A	110819	LEA0055	111362
26357E	110615	27309A	112670	27540H	110819	LEA0056	111176
26357R	110615	27309E	112670	27541A	111346	LEA0058	110968
26359A	111737	27311A	112670	27541D	111346	LEA0059	111368
26359B	111737	27311E	112670	27543A	110459	LEA0060	112722
26359F	111737	27311H	112670	27543D	110459	LEA0061	110891
26366A	110565	27315A	112670	27546A	110819	LEA0065	111368
26366F	110565	27315B	112670	27546B	110819	LEA0066	111363
26369A	111737	27315E	112670	27553A	113380	LEA0068	111361
26369H	111737	27409A	110439	27553D	113380	LEA0069	111361
26369J	111737	27409B	110439	27554A	110465	LEA0073	113376
26371A	110444	27409D	110439	27554B	110465	LEA0074	111362
26371D	110444	27413A	110818	27559A	110460	LEA0086	111368
26371E	110444	27415A	110442	27559E	110460	LEA0106	111309
26371F	110444	27415B	110442	27564A	111574	LEA0108	112205
26375A	110443	27415D	110442	27564F	111574	LEA0115	113623
26375D	110443	27419A	110464	27565B	111346	LEA0117	110770
26376A	111573	27419D	110464	27565D	111346	LEA0121	111740
26376K	111573	27420A	110438	27568A	111346	LEA0124	110770
26376L	111573	27420B	110438	27570A	110615	LEA0128	111356
26379A	111499	27423A	110818	27570B	110615	LEA0129	111176
26379F	111499	27424A	110817	27571A	110819	LEA0131	111176
26390A	110813	27424B	110817	27571B	110819	LEA0132	111741
26390B	110813	27425A	110441	27572A	110565	LEA0134	111355
26390E	110813	27425B	110441	27572B	110565	LEA0139	111368
26391A	110439	27427A	110817	27577A	110461	LEA0140	111361
26398A	112136	27427E	110817	27583A	110565	LEA0163	111797
26398F	112136	27430A	113381	27593A	110819	LEA0164	111280
26400A	110444	27430B	113381	27627B	111346	LEA0165	112076
26400B	110444	27431A	110444	2871A152	112112	LEA0167	112757
26400D	110444	27431B	110444	2871A157	112112	LEA0168	111987
26408A	110460	27435A	110443	40001C01	113683	LEA0169	111834
26408D	110460	27440A	110640	529965EX	112660	LEA0170	110349
26408E	110460	27440B	110640	54022314B	111176	LEA0171	110348
26410A	110565	27446A	110440	A0828	112097	LEA0172	111426
26410B	110565	27459A	110439	A0924	110766	LEA0176	111477
26411A	110819	27460A	110441	A1752-2	112880	LEA0178	112557
26411B	110819	27460B	110441	A1767-5	112884	LEA0189	111579
26412A	110439	27463A	110818	A1775-7	112888	LEA0191	110349
26414A	111346	27463D	110818	A1776-11	112886	LEA0199	111710
26414E	111346	27468A	110440	A1785-7	110724	LEA0201	113518
26428A	112660	27468B	110440	A1856-11	110984	LEA0204	111339

Cross reference list

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>LUCAS</b> <i>Continued</i>							
LEA0214	..112334	LEA0676	..113471	LES0228	..111241	LRA00131	..110968
LEA0217	..112230	LEA0677	..113403	LES0230	..110813	LRA00131	..113474
LEA0266	..111186	LEA0678	..113352	LES0232	..113797	LRA00131	..113574
LEA0268	..112067	LEA0679	..113298	LES0237	..111047	LRA00132	..110178
LEA0295	..112237	LEA0680	..113947	LES0242	..113020	LRA00134	..110360
LEA0340	..114114	LEA0682	..111493	LES0246	..113933	LRA00134	..110913
LEA0384	..111405	LEA0683	..114088	LES0252	..114777	LRA00134	..112763
LEA0405	..113656	LEA0684	..113922	LES0264	..111909	LRA00137	..110611
LEA0437	..112112	LEA0685	..113535	LES0269	..112167	LRA00137	..110882
LEA0438	..113713	LEA0686	..113943	LES0271	..113655	LRA00137	..110890
LEA0439	..111510	LEA0687	..114428	LES0272	..113654	LRA00142	..110137
LEA0440	..113714	LEA0690	..113284	LES0275	..111123	LRA00142	..110138
LEA0441	..112237	LEA0691	..114212	LES0276	..112336	LRA00142	..110258
LEA0451	..110882	LEA0691	..115488	LES0281	..110447	LRA00142	..110374
LEA0452	..110804	LEA0694	..112093	LES0282	..114268	LRA00143	..110360
LEA0454	..112468	LEA0700	..114704	LES0299	..110585	LRA00146	..110611
LEA0455	..113407	LEA0707	..110770	LES0300	..110933	LRA00146	..111138
LEA0456	..112199	LEA0708	..112722	LES0301	..111251	LRA00147	..111184
LEA0457	..113245	LEA0709	..113248	LES0302	..111251	LRA00152	..110891
LEA0458	..111718	LES0001	..111573	LES0303	..113757	LRA00152	..110968
LEA0459	..113253	LES0002	..110465	LES0304	..113908	LRA00154	..111096
LEA0463	..112058	LES0003	..110817	LES0305	..113910	LRA00159	..110745
LEA0464	..113405	LES0004	..110443	LES0306	..114161	LRA00162	..110349
LEA0467	..113722	LES0005	..110440	LES0307	..111851	LRA00167	..110137
LEA0468	..111626	LES0006	..110545	LES0309	..113959	LRA00167	..110138
LEA0475	..113720	LES0007	..110464	LES0310	..113931	LRA00175	..110138
LEA0476	..112471	LES0008	..110818	LES0311	..112236	LRA00177	..110969
LEA0478	..113631	LES0009	..111737	LES0312	..113141	LRA00177	..111176
LEA0493	..113640	LES0013	..110565	LES0313	..110999	LRA00190	..110611
LEA0495	..111658	LES0014	..110640	LES0314	..113195	LRA00190	..110912
LEA0496	..111631	LES0015	..110439	LES0316	..113675	LRA00190	..111138
LEA0513	..115309	LES0019	..110565	LES0317	..114013	LRA00190	..111620
LEA0527	..112098	LES0020	..110444	LES0318	..113195	LRA00190	..112719
LEA0539	..113751	LES0021	..110819	LES0319	..112494	LRA00192	..110138
LEA0540	..112461	LES0029	..111499	LES0320	..114330	LRA00193	..111138
LEA0540	..114798	LES0030	..112136	LES0321	..113851	LRA00198	..110971
LEA0545	..113956	LES0031	..113381	LES0322	..110573	LRA00199	..110899
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LEA0593	..111686	LES0064	..112295	LES0339	..113934	LRA00207	..111166
LEA0595	..112958	LES0066	..112821	LES0341	..112660	LRA00208	..110077
LEA0596	..110912	LES0067	..111982	LES0355	..113927	LRA00208	..111767
LEA0607	..111654	LES0077	..111387	LES0356	..113897	LRA00208	..111841
LEA0610	..111418	LES0081	..113361	LRA00100	..110178	LRA00208	..111891
LEA0611	..111686	LES0087	..112822	LRA00100	..111185	LRA00220	..111948
LEA0614	..112002	LES0088	..112103	LRA00101	..110179	LRA00226	..111185
LEA0614	..114797	LES0089	..111442	LRA00101	..111184	LRA00227	..110128
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LEA0622	..112078	LES0091	..113134	LRA00102	..110968	LRA00228	..111289
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LEA0627	..114258	LES0102	..111690	LRA00104	..110969	LRA00232	..110880
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LEA0631	..113998	LES0128	..112251	LRA00106	..110178	LRA00236	..110745
LEA0632	..113710	LES0130	..112320	LRA00106	..111185	LRA00240	..111043
LEA0633	..113904	LES0135	..110941	LRA00107	..110128	LRA00246	..111289
LEA0634	..113889	LES0140	..110490	LRA00109	..113378	LRA00247	..110969
LEA0635	..112274	LES0141	..113129	LRA00110	..111178	LRA00247	..111086
LEA0636	..112416	LES0144	..111550	LRA00110	..112775	LRA00249	..110129
LEA0638	..112021	LES0152	..113237	LRA00112	..110178	LRA00251	..110168
LEA0649	..112189	LES0169	..111730	LRA00112	..110975	LRA00251	..110264
LEA0650	..113506	LES0173	..111307	LRA00112	..111652	LRA00258	..110318
LEA0654	..113709	LES0174	..111748	LRA00112	..111653	LRA00263	..110318
LEA0659	..114857	LES0177	..112367	LRA00112	..113758	LRA00265	..110133
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LEA0670	..113272	LES0208	..111272	LRA00122	..113378	LRA00270	..111085
LEA0671	..111075	LES0211	..110389	LRA00123	..110743	LRA00270	..111148
LEA0672	..111036	LES0212	..113937	LRA00127	..110179	LRA00271	..111180
LEA0673	..112059	LES0216	..113727	LRA00127	..110969	LRA00272	..111166
LEA0674	..111967	LES0221	..112277	LRA00129	..110968	LRA00272	..111178
LEA0675	..112469	LES0226	..113195	LRA00129	..111185	LRA00273	..110178

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
LRA00274	110178	LRA00375	111289	LRA00474	111528	LRA00595	110912
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LRA00274	110759	LRA00376	110770	LRA00474	113477	LRA00596	113472
LRA00274	110969	LRA00376	111289	LRA00481	110693	LRA00597	110882
LRA00274	111185	LRA00376	111362	LRA00481	112970	LRA00597	110912
LRA00274	111289	LRA00376	111364	LRA00489	110672	LRA00597	112719
LRA00275	110178	LRA00376	113574	LRA00490	110660	LRA00602	110612
LRA00275	110968	LRA00378	111289	LRA00495	110891	LRA00602	110770
LRA00275	111289	LRA00381	110891	LRA00496	111176	LRA00602	111289
LRA00277	110968	LRA00381	110968	LRA00499	110805	LRA00603	110612
LRA00277	113574	LRA00382	112128	LRA00501	110805	LRA00603	111035
LRA00278	110968	LRA00384	110168	LRA00506	110972	LRA00604	110891
LRA00278	111289	LRA00386	110052	LRA00506	111168	LRA00606	112725
LRA00281	110975	LRA00386	110112	LRA00506	111800	LRA00606	112730
LRA00284	110745	LRA00386	110902	LRA00506	112056	LRA00606	112759
LRA00290	110920	LRA00386	111528	LRA00507	110921	LRA00607	110770
LRA00292	110913	LRA00386	112784	LRA00509	110975	LRA00607	111289
LRA00296	110880	LRA00388	111369	LRA00510	111171	LRA00607	111362
LRA00296	110911	LRA00390	111171	LRA00514	111620	LRA00611	111662
LRA00296	112149	LRA00392	111289	LRA00514	111654	LRA00616	111147
LRA00296	113758	LRA00393	110916	LRA00516	110168	LRA00617	112098
LRA00299	110759	LRA00393	111075	LRA00517	111176	LRA00618	111141
LRA00300	110911	LRA00394	110693	LRA00517	111289	LRA00619	111653
LRA00300	111652	LRA00396	110877	LRA00518	111741	LRA00620	111652
LRA00300	111653	LRA00396	112310	LRA00520	111741	LRA00621	110105
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LRA00301	110975	LRA00397	112756	LRA00522	111740	LRA00623	110751
LRA00301	111652	LRA00398	111157	LRA00523	110258	LRA00623	111141
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LRA00307	110912	LRA00399	110136	LRA00530	111363	LRA00628	110360
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LRA00307	112768	LRA00402	110134	LRA00533	110348	LRA00640	111289
LRA00313	111166	LRA00405	110612	LRA00536	110385	LRA00653	111366
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LRA00313	111467	LRA00408	110138	LRA00543	110138	LRA00683	110458
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LRA00328	111153	LRA00422	110971	LRA00543	111148	LRA00685	110133
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LRA00336	110877	LRA00433	112753	LRA00543	113376	LRA00685	112270
LRA00342	110138	LRA00434	110881	LRA00547	112297	LRA00687	110250
LRA00344	111705	LRA00437	111652	LRA00548	111692	LRA00688	110496
LRA00346	111656	LRA00443	110914	LRA00549	110965	LRA00688	110628
LRA00346	113376	LRA00443	110972	LRA00550	110682	LRA00688	110678
LRA00348	110168	LRA00443	111168	LRA00552	114203	LRA00689	110496
LRA00348	113793	LRA00444	110972	LRA00555	110496	LRA00689	110678
LRA00349	110168	LRA00444	111168	LRA00555	111538	LRA00691	110138
LRA00349	110307	LRA00444	111800	LRA00555	113636	LRA00691	110248
LRA00349	110458	LRA00445	110916	LRA00556	112093	LRA00693	111738
LRA00355	111289	LRA00445	111075	LRA00558	111621	LRA00693	112238
LRA00356	111185	LRA00447	112739	LRA00559	111654	LRA00695	111036
LRA00356	113378	LRA00448	110920	LRA00559	112771	LRA00695	111621
LRA00357	110179	LRA00448	112728	LRA00561	110248	LRA00696	111094
LRA00357	110759	LRA00451	110913	LRA00561	112750	LRA00696	112149
LRA00357	110969	LRA00451	111355	LRA00561	112777	LRA00698	110889
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LRA00358	110178	LRA00452	110307	LRA00562	111288	LRA00705	110666
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LRA00358	110969	LRA00456	110912	LRA00565	110138	LRA00706	111240
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LRA00359	110612	LRA00461	110770	LRA00570	110273	LRA00712	110890
LRA00359	110968	LRA00461	110968	LRA00574	110267	LRA00713	111147
LRA00359	111185	LRA00461	111355	LRA00574	110703	LRA00714	111147
LRA00359	111289	LRA00462	110770	LRA00575	110632	LRA00715	111147
LRA00359	111362	LRA00462	111362	LRA00577	110273	LRA00716	112725
LRA00360	113474	LRA00462	111364	LRA00581	112298	LRA00717	111093
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LRA00372	110969	LRA00463	112238	LRA00583	111185	LRA00719	111093
LRA00372	111086	LRA00464	110612	LRA00584	110641	LRA00720	110923
LRA00373	110969	LRA00464	111035	LRA00585	111082	LRA00720	113866
LRA00374	110969	LRA00464	111148	LRA00585	112728	LRA00721	110923
LRA00374	111086	LRA00465	110920	LRA00588	110927	LRA00721	111093
LRA00374	111364	LRA00469	111364	LRA00589	110350	LRA00722	110923
LRA00375	110759	LRA00471	111076	LRA00593	111072	LRA00723	112734
LRA00375	110968	LRA00473	111072	LRA00593	111171	LRA00730	110911
LRA00375	111086	LRA00474	111072	LRA00594	112755	LRA00730	110919

Cross reference list

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>LUCAS</b> <i>Continued</i>							
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LRA00733	110107	LRA00844	110759	LRA00961	110107	LRA01199	110105
LRA00734	111154	LRA00844	111289	LRA00963	111289	LRA01199	111649
LRA00736	112149	LRA00844	112683	LRA00964	111948	LRA01203	110931
LRA00736	112735	LRA00864	110916	LRA00966	111321	LRA01208	112310
LRA00737	110902	LRA00867	110769	LRA00966	111403	LRA01209	110881
LRA00737	111152	LRA00868	110769	LRA00966	113839	LRA01215	110694
LRA00742	111652	LRA00870	110890	LRA00967	111368	LRA01218	110264
LRA00744	110881	LRA00870	111156	LRA00968	112056	LRA01229	110445
LRA00745	112753	LRA00871	111169	LRA00969	112742	LRA01230	110684
LRA00745	112810	LRA00871	111800	LRA00970	111629	LRA01232	110358
LRA00745	112813	LRA00871	112056	LRA00971	110906	LRA01234	110707
LRA00748	110881	LRA00880	111169	LRA00971	113920	LRA01236	110702
LRA00750	111148	LRA00880	111800	LRA00972	112345	LRA01243	111170
LRA00751	111654	LRA00885	111800	LRA00973	110895	LRA01244	111289
LRA00752	111686	LRA00885	112056	LRA00974	111629	LRA01245	111267
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LRA00763	110916	LRA00890	110360	LRA00977	110895	LRA01262	110692
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LRA00771	111319	LRA00894	110975	LRA00988	111093	LRA01297	113347
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LRA00775	110968	LRA00894	111653	LRA00992	110767	LRA01300	110360
LRA00777	111082	LRA00894	112098	LRA00992	111652	LRA01303	111740
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LRA00781	110902	LRA00915	110350	LRA01032	110887	LRA01337	111326
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LRA00783	112735	LRA00921	110113	LRA01068	110075	LRA01346	112736
LRA00786	111166	LRA00922	110766	LRA01087	110542	LRA01349	112739
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LRA00789	111337	LRA00924	110766	LRA01096	111483	LRA01352	111686
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LRA00807	111139	LRA00926	111834	LRA01115	111483	LRA01362	111536
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LRA00821	110730	LRA00938	111987	LRA01150	113708	LRA01409	110505
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LRA00823	110735	LRA00940	111623	LRA01156	114210	LRA01426	111406
LRA00829	110912	LRA00940	111742	LRA01163	113362	LRA01436	111605
LRA00829	111035	LRA00940	111754	LRA01164	113358	LRA01438	112777
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LRA00832	111035	LRA00950	110385	LRA01167	113027	LRA01446	111428
LRA00832	111078	LRA00951	111164	LRA01169	114129	LRA01447	112299
LRA00833	110882	LRA00952	112746	LRA01171	113710	LRA01456	112183
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LRA00833	111686	LRA00953	111403	LRA01177	111428	LRA01460	112813
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LRA00837	112097	LRA00957	111264	LRA01179	111397	LRA01467	111226
LRA00839	112097	LRA00958	110770	LRA01190	112728	LRA01469	111048
LRA00841	110611	LRA00958	111355	LRA01191	112270	LRA01474	110993
LRA00842	111652	LRA00959	111948	LRA01193	111139	LRA01475	111623

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
LRA01475	111742	LRA01710	112043	LRA01874	112190	LRA02065	111710
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LRA01481	111507	LRA01713	113634	LRA01880	112394	LRA02073	113771
LRA01487	111200	LRA01714	111787	LRA01882	111895	LRA02075	112359
LRA01488	112777	LRA01715	111294	LRA01887	113943	LRA02076	112468
LRA01489	111951	LRA01717	112355	LRA01888	111355	LRA02078	111780
LRA01490	112529	LRA01719	110629	LRA01891	112458	LRA02079	112328
LRA01493	112101	LRA01720	113868	LRA01895	113035	LRA02080	114079
LRA01499	111929	LRA01722	112719	LRA01896	111779	LRA02083	113942
LRA01502	111406	LRA01723	111883	LRA01901	111722	LRA02090	110986
LRA01505	111811	LRA01724	111940	LRA01902	113442	LRA02092	111364
LRA01508	111223	LRA01726	113785	LRA01903	112539	LRA02098	114084
LRA01509	110234	LRA01727	112614	LRA01912	112075	LRA02102	114214
LRA01514	111267	LRA01730	112540	LRA01917	112338	LRA02104	113328
LRA01517	111820	LRA01732	113349	LRA01918	112065	LRA02106	113352
LRA01519	111820	LRA01735	112812	LRA01919	112196	LRA02107	112428
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LRA01525	110986	LRA01741	112696	LRA01922	112407	LRA02111	110488
LRA01530	111325	LRA01745	111722	LRA01924	112327	LRA02114	113404
LRA01533	111872	LRA01746	111626	LRA01925	113306	LRA02115	113878
LRA01535	111179	LRA01747	111285	LRA01926	111710	LRA02116	113543
LRA01542	112492	LRA01749	113077	LRA01928	113913	LRA02116	113543
LRA01543	111832	LRA01752	111480	LRA01929	110499	LRA02123	112087
LRA01547	111689	LRA01753	111627	LRA01930	113575	LRA02126	112330
LRA01551	111955	LRA01760	111294	LRA01933	110630	LRA02129	112693
LRA01553	112799	LRA01762	110235	LRA01934	111018	LRA02134	112360
LRA01555	111428	LRA01766	113076	LRA01936	111605	LRA02136	111309
LRA01556	111872	LRA01767	111902	LRA01938	111895	LRA02137	110498
LRA01563	111267	LRA01768	110679	LRA01939	112327	LRA02138	112196
LRA01569	114084	LRA01769	111902	LRA01943	111830	LRA02139	111850
LRA01572	111416	LRA01771	111416	LRA01944	112636	LRA02140	111850
LRA01573	112065	LRA01773	112556	LRA01947	112428	LRA02144	113715
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LRA01586	113939	LRA01791	112884	LRA01954	111965	LRA02152	113697
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LRA01591	111468	LRA01794	111199	LRA01956	113519	LRA02160	113248
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LRA01602	110699	LRA01806	111854	LRA01968	112399	LRA02169	113404
LRA01605	111223	LRA01807	111435	LRA01969	113283	LRA02171	113251
LRA01606	111902	LRA01811	112679	LRA01970	113407	LRA02174	112457
LRA01608	111376	LRA01812	113754	LRA01972	112398	LRA02179	113562
LRA01614	111587	LRA01813	112358	LRA01975	113510	LRA02180	113536
LRA01616	113469	LRA01815	112418	LRA01976	113577	LRA02182	113272
LRA01623	111903	LRA01816	112357	LRA01980	110620	LRA02186	113336
LRA01624	112556	LRA01817	112078	LRA01984	114158	LRA02187	113280
LRA01626	113500	LRA01818	112332	LRA01987	113751	LRA02188	111947
LRA01632	112375	LRA01819	113406	LRA01990	112471	LRA02192	113961
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LRA01634	113758	LRA01823	113403	LRA01995	112128	LRA02198	114251
LRA01638	112352	LRA01826	112270	LRA01996	113882	LRA02201	114120
LRA01641	111337	LRA01834	113848	LRA01999	112102	LRA02205	112128
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LRA01648	112205	LRA01835	112548	LRA02009	112458	LRA02208	113856
LRA01651	110724	LRA01836	111779	LRA02011	112002	LRA02213	112750
LRA01654	112035	LRA01838	113848	LRA02011	114797	LRA02215	113787
LRA01656	111397	LRA01843	113489	LRA02014	112420	LRA02219	112673
LRA01657	113611	LRA01844	112194	LRA02016	111048	LRA02222	111355
LRA01661	112348	LRA01845	113315	LRA02017	112465	LRA02225	113324
LRA01662	113383	LRA01846	112072	LRA02019	112506	LRA02227	113272
LRA01668	111978	LRA01848	112045	LRA02020	110985	LRA02228	113755
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LRA01674	112578	LRA01851	111943	LRA02025	112415	LRA02234	113949
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LRA01680	113786	LRA01860	112529	LRA02039	113518	LRA02245	113264
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LRA01686	111264	LRA01865	112396	LRA02053	112063	LRA02250	113944
LRA01697	111018	LRA01867	111216	LRA02055	111934	LRA02253	113253
LRA01704	112780	LRA01868	112777	LRA02058	111950	LRA02258	112772
LRA01706	111587	LRA01869	112389	LRA02060	112419	LRA02261	112468
LRA01709	111850	LRA01873	111478	LRA02062	111710	LRA02266	113718

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>LUCAS</b> <i>Continued</i>							
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LRA02287	113954	LRA02535	113188	LRA02724	112557	LRA02969	114524
LRA02291	113992	LRA02535	115484	LRA02726	110957	LRA02971	114208
LRA02293	113889	LRA02537	113351	LRA02727	110882	LRA02974	113862
LRA02298	114115	LRA02543	113803	LRA02730	112805	LRA02977	113958
LRA02309	114112	LRA02545	113718	LRA02731	111843	LRA02981	114522
LRA02315	113835	LRA02547	114663	LRA02733	113864	LRA02993	114044
LRA02316	114101	LRA02548	114258	LRA02737	112709	LRA02997	112160
LRA02318	113884	LRA02555	112958	LRA02738	111623	LRA02999	114114
LRA02319	113896	LRA02562	113912	LRA02738	111742	LRA03002	112860
LRA02320	113657	LRA02566	112327	LRA02739	113885	LRA03011	113898
LRA02321	113947	LRA02569	113376	LRA02741	111626	LRA03020	113300
LRA02323	113252	LRA02570	111096	LRA02743	111806	LRA03022	113600
LRA02325	113720	LRA02571	112098	LRA02744	112362	LRA03022	113600
LRA02327	113685	LRA02577	110137	LRA02746	111157	LRA03026	113401
LRA02328	111402	LRA02579	110248	LRA02751	112144	LRA03028	114704
LRA02332	114128	LRA02581	112771	LRA02752	110659	LRA03029	114102
LRA02336	113871	LRA02582	111860	LRA02756	112397	LRA03038	113941
LRA02338	113912	LRA02583	110759	LRA02760	113296	LRA03040	114110
LRA02340	113519	LRA02584	110767	LRA02764	111708	LRA03041	113758
LRA02341	112351	LRA02587	111287	LRA02765	113952	LRA03043	113302
LRA02342	113279	LRA02589	112270	LRA02771	111884	LRA03044	114768
LRA02343	113273	LRA02592	111141	LRA02776	111527	LRA03045	114088
LRA02347	113858	LRA02593	111139	LRA02778	110766	LRA03046	114673
LRA02348	113883	LRA02595	111147	LRA02779	112561	LRA03048	113863
LRA02351	113316	LRA02596	111156	LRA02786	112531	LRA03052	114857
LRA02353	114877	LRA02598	111705	LRA02789	111364	LRA03054	114658
LRA02362	113877	LRA02604	110806	LRA02791	113792	LRA03067	113969
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LRA02392	111596	LRA02614	110701	LRA02800	113535	LRA03075	112457
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LRA02424	110567	LRA02627	110664	LRA02808	113996	LRA03096	114665
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LRA02431	111614	LRA02631	111654	LRA02814	113922	LRA03103	113405
LRA02434	112758	LRA02632	112750	LRA02815	113849	LRA03104	113575
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LRA02460	110116	LRA02646	110804	LRA02836	113197	LRA03156	113992
LRA02462	112252	LRA02647	111157	LRA02837	113919	LRA03159	114076
LRA02464	112110	LRA02649	110877	LRA02838	113792	LRA03178	113253
LRA02465	114077	LRA02652	111620	LRA02839	113978	LRA03180	112557
LRA02469	112076	LRA02653	111620	LRA02852	113710	LRA03186	113310
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LRA02473	111782	LRA02656	111267	LRA02856	115317	LRA03290	114379
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LRA02475	111886	LRA02663	110967	LRA02867	113069	LRA03310	114304
LRA02479	110801	LRA02668	111279	LRA02871	113536	LRA03338	114229
LRA02481	111833	LRA02670	110267	LRA02872	113837	LRA03352	114779
LRA02482	113470	LRA02672	112098	LRA02873	113993	LRA03353	114694
LRA02486	111720	LRA02677	111352	LRA02876	113956	LRA03500	115416
LRA02487	113488	LRA02679	112329	LRA02881	114131	LRA03522	115340
LRA02488	113488	LRA02683	111692	LRA02885	114130	LRA03544	114303
LRA02489	111987	LRA02686	111237	LRA02891	113881	LRA04656	110127
LRA02490	110591	LRA02688	113632	LRA02897	112428	LRA0468	111626
LRA02494	113186	LRA02689	111369	LRA02899	112218	LRA0469	111956
LRA02495	112170	LRA02690	111739	LRA02905	111842	LRA1560	113921
LRA02500	112252	LRA02693	112207	LRA02910	113791	LRA1860	112529
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LRA02503	113477	LRA02700	112530	LRA02921	113971	LRA463	112238
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LRA02507	112211	LRA02711	113667	LRA02925	112067	LRB00101	111527
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LRA02520	112168	LRA02717	112129	LRA02945	114111	LRB00105	110116
LRA02522	113351	LRA02719	111279	LRA02946	113904	LRB00106	110113
LRA02526	112302	LRA02720	111289	LRA02950	113861	LRB00118	111154
LRA02529	112424	LRA02721	110805	LRA02951	113791	LRB00119	112162
LRA02531	113212	LRA02722	111289	LRA02954	114245	LRB00120	110908

**STARTERS & ALTERNATORS**





O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>LUCAS</b> <i>Continued</i>							
LRS00107	110465	LRS00302	110459	LRS00500	110182	LRS00633	113466
LRS00109	110831	LRS00304	110459	LRS00502	110386	LRS00638	113269
LRS00110	110831	LRS00304	110461	LRS00503	110144	LRS00639	111332
LRS00113	110462	LRS00305	110460	LRS00503	110585	LRS00640	111231
LRS00115	110462	LRS00320	110155	LRS00505	110585	LRS00641	111231
LRS00120	110817	LRS00320	110256	LRS00505	113753	LRS00648	110865
LRS00121	110367	LRS00322	110277	LRS00507	110708	LRS00649	112533
LRS00124	110443	LRS00323	110835	LRS00507	113936	LRS00650	111115
LRS00125	110142	LRS00324	111053	LRS00510	110386	LRS00651	110337
LRS00127	111103	LRS00328	111115	LRS00514	110402	LRS00651	111131
LRS00129	110462	LRS00333	111064	LRS00514	111385	LRS00653	111030
LRS00133	110363	LRS00334	110157	LRS00515	110158	LRS00654	110336
LRS00135	110842	LRS00336	110157	LRS00515	110315	LRS00654	111131
LRS00135	110868	LRS00336	110158	LRS00515	110479	LRS00654	111269
LRS00139	110440	LRS00341	111228	LRS00516	110158	LRS00655	110862
LRS00141	110338	LRS00341	112289	LRS00516	110315	LRS00655	111347
LRS00144	110336	LRS00343	111102	LRS00521	110865	LRS00656	111851
LRS00147	110545	LRS00344	110337	LRS00522	110824	LRS00657	110839
LRS00150	110608	LRS00344	111053	LRS00522	111010	LRS00658	110844
LRS00151	110462	LRS00344	111123	LRS00525	113745	LRS00659	113845
LRS00152	113745	LRS00344	111131	LRS00526	112455	LRS00660	111270
LRS00155	110464	LRS00345	110840	LRS00527	111117	LRS00661	111112
LRS00157	110818	LRS00346	110585	LRS00528	111060	LRS00661	111120
LRS00161	110520	LRS00350	110824	LRS00531	111114	LRS00662	111069
LRS00161	110615	LRS00352	111052	LRS00531	112541	LRS00665	111619
LRS00161	111737	LRS00356	111055	LRS00533	111063	LRS00671	110584
LRS00162	110460	LRS00364	110142	LRS00534	110368	LRS00672	113467
LRS00163	111269	LRS00366	110337	LRS00542	111117	LRS00673	110461
LRS00163	112290	LRS00366	111053	LRS00543	110831	LRS00673	112251
LRS00168	110336	LRS00370	110858	LRS00544	110337	LRS00675	111053
LRS00170	110442	LRS00372	111112	LRS00544	111131	LRS00675	111131
LRS00170	110565	LRS00375	110465	LRS00544	111750	LRS00681	112321
LRS00172	110438	LRS00383	112541	LRS00545	110249	LRS00682	113844
LRS00173	110565	LRS00385	110152	LRS00545	110312	LRS00683	110847
LRS00178	110793	LRS00386	110864	LRS00545	111442	LRS00683	111122
LRS00178	111066	LRS00392	110278	LRS00552	111499	LRS00684	110811
LRS00182	110640	LRS00394	111728	LRS00553	112136	LRS00688	110149
LRS00182	110813	LRS00395	110280	LRS00554	113381	LRS00688	110808
LRS00185	111347	LRS00396	110256	LRS00557	110149	LRS00695	113097
LRS00188	110144	LRS00396	111452	LRS00557	110808	LRS00696	111386
LRS00190	110439	LRS00400	110279	LRS00557	111310	LRS00697	112124
LRS00191	113172	LRS00403	110479	LRS00558	111059	LRS00704	111303
LRS00192	110365	LRS00409	111056	LRS00558	111748	LRS00706	111574
LRS00195	110615	LRS00410	111068	LRS00559	111061	LRS00707	111030
LRS00196	111865	LRS00428	110411	LRS00560	111059	LRS00708	113346
LRS00202	110608	LRS00429	111136	LRS00562	113845	LRS00709	111865
LRS00203	110856	LRS00430	111064	LRS00563	110862	LRS00710	111608
LRS00206	112651	LRS00435	110525	LRS00565	111755	LRS00711	111303
LRS00208	110997	LRS00435	113482	LRS00566	111332	LRS00711	111459
LRS00209	110341	LRS00437	110996	LRS00568	111332	LRS00714	110351
LRS00212	110462	LRS00439	110809	LRS00569	111004	LRS00715	111055
LRS00215	110442	LRS00443	110520	LRS00570	111752	LRS00715	111123
LRS00215	110565	LRS00443	111118	LRS00574	110441	LRS00715	111127
LRS00217	110421	LRS00446	111106	LRS00578	110867	LRS00715	111684
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LRS00227	110277	LRS00450	111118	LRS00589	110365	LRS00719	110312
LRS00229	110160	LRS00451	110365	LRS00591	112125	LRS00719	111442
LRS00229	111054	LRS00452	112289	LRS00592	110584	LRS00720	111447
LRS00229	111489	LRS00455	110867	LRS00593	111106	LRS00721	110473
LRS00230	110462	LRS00458	111068	LRS00594	110365	LRS00722	111310
LRS00231	111100	LRS00459	110587	LRS00604	111451	LRS00723	110713
LRS00232	110565	LRS00459	111070	LRS00605	110394	LRS00726	111544
LRS00234	111585	LRS00459	111130	LRS00607	110260	LRS00727	111805
LRS00240	112660	LRS00460	111063	LRS00608	110399	LRS00728	110354
LRS00249	110142	LRS00463	110367	LRS00609	110397	LRS00728	112439
LRS00250	110154	LRS00463	110866	LRS00611	111065	LRS00729	111489
LRS00256	110367	LRS00465	112295	LRS00611	112440	LRS00730	111029
LRS00259	111058	LRS00465	113481	LRS00614	111025	LRS00731	111751
LRS00260	110771	LRS00473	110315	LRS00615	111683	LRS00731	112131
LRS00260	110868	LRS00475	111070	LRS00617	111461	LRS00732	111131
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LRS00281	110396	LRS00479	110454	LRS00624	110149	LRS00733	112290
LRS00286	110352	LRS00479	110465	LRS00625	110389	LRS00734	110840
LRS00291	111068	LRS00484	113380	LRS00626	110389	LRS00735	112295
LRS00295	111068	LRS00488	111451	LRS00627	110149	LRS00735	113481
LRS00298	110831	LRS00490	110421	LRS00627	110808	LRS00736	110840
LRS00301	110439	LRS00490	111475	LRS00631	113465	LRS00737	110584
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
LRS00739	110461	LRS00842	110521	LRS00968	110615	LRS01151	110144
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LRS00741	112336	LRS00843	110520	LRS00970	112125	LRS01154	112173
LRS00743	111421	LRS00843	110601	LRS00971	112309	LRS01156	110866
LRS00744	113389	LRS00845	110213	LRS00972	112454	LRS01160	113846
LRS00745	110842	LRS00847	110529	LRS00972	114233	LRS01161	111130
LRS00746	110212	LRS00847	110640	LRS00973	110575	LRS01165	111007
LRS00747	111640	LRS00848	110519	LRS00974	111534	LRS01167	110810
LRS00749	111130	LRS00848	110522	LRS00975	110279	LRS01168	112674
LRS00749	113443	LRS00848	110812	LRS00976	112251	LRS01169	110447
LRS00750	111911	LRS00849	111274	LRS00977	111900	LRS01170	110574
LRS00750	114118	LRS00850	110529	LRS00978	113701	LRS01173	110469
LRS00751	111070	LRS00850	110813	LRS00979	111305	LRS01174	110551
LRS00751	114460	LRS00854	110512	LRS00986	110582	LRS01176	110486
LRS00752	111543	LRS00857	110771	LRS00987	112555	LRS01178	111304
LRS00754	111125	LRS00858	110771	LRS00989	111422	LRS01180	111404
LRS00755	112141	LRS00860	110208	LRS00990	112321	LRS01184	111445
LRS00755	112235	LRS00861	110534	LRS00991	112537	LRS01188	110472
LRS00756	111131	LRS00862	110531	LRS00992	112235	LRS01189	110947
LRS00756	111750	LRS00863	110208	LRS00993	112340	LRS01190	111015
LRS00757	111131	LRS00865	110533	LRS00995	111455	LRS01197	110539
LRS00760	111030	LRS00867	110364	LRS00996	110835	LRS01198	110820
LRS00760	111131	LRS00871	110341	LRS00997	111251	LRS01202	112173
LRS00760	111269	LRS00874	110793	LRS00998	113753	LRS01204	110538
LRS00761	111058	LRS00877	110835	LRS01005	110465	LRS01206	112374
LRS00762	110536	LRS00878	110214	LRS01006	110818	LRS01211	110854
LRS00763	110519	LRS00883	110207	LRS01008	110438	LRS01216	111127
LRS00764	112119	LRS00884	110811	LRS01012	110245	LRS01220	111312
LRS00765	113468	LRS00885	110810	LRS01020	110292	LRS01223	111404
LRS00766	110981	LRS00886	112215	LRS01027	113482	LRS01224	111305
LRS00767	110980	LRS00887	112214	LRS01032	113705	LRS01225	110720
LRS00768	110709	LRS00888	111442	LRS01035	110551	LRS01230	110590
LRS00769	110323	LRS00891	113750	LRS01044	111398	LRS01232	112166
LRS00778	110532	LRS00892	112307	LRS01053	111001	LRS01234	111785
LRS00781	112286	LRS00893	112052	LRS01055	112007	LRS01236	111224
LRS00782	111182	LRS00893	112306	LRS01057	110536	LRS01237	110568
LRS00783	111694	LRS00896	110809	LRS01058	111224	LRS01242	113168
LRS00783	111900	LRS00896	111476	LRS01059	111398	LRS01246	110819
LRS00785	111748	LRS00896	111565	LRS01064	111217	LRS01248	113307
LRS00786	110386	LRS00898	111123	LRS01069	111332	LRS01250	111047
LRS00786	110719	LRS00899	113346	LRS01071	110454	LRS01253	111451
LRS00788	111131	LRS00903	110283	LRS01075	111793	LRS01254	111273
LRS00788	111750	LRS00911	112455	LRS01076	110412	LRS01256	110627
LRS00789	110807	LRS00913	111058	LRS01078	110573	LRS01265	111459
LRS00790	113847	LRS00915	110824	LRS01083	111332	LRS01271	112542
LRS00791	111749	LRS00915	111010	LRS01089	111755	LRS01272	112034
LRS00792	111129	LRS00917	110862	LRS01096	110793	LRS01274	110602
LRS00793	111312	LRS00918	110838	LRS01100	111047	LRS01275	111034
LRS00794	111000	LRS00919	110865	LRS01101	111386	LRS01276	112034
LRS00796	112132	LRS00920	110775	LRS01103	110522	LRS01279	112041
LRS00799	111231	LRS00921	110536	LRS01105	110412	LRS01283	110933
LRS00807	110772	LRS00922	110206	LRS01108	110246	LRS01286	110468
LRS00808	111052	LRS00922	110208	LRS01109	113482	LRS01287	111189
LRS00814	110869	LRS00923	110523	LRS01111	110719	LRS01289	112268
LRS00814	110997	LRS00923	113464	LRS01113	110389	LRS01292	110485
LRS00816	110368	LRS00925	110520	LRS01115	110573	LRS01294	111300
LRS00817	110512	LRS00925	111638	LRS01118	113307	LRS01295	111456
LRS00818	110524	LRS00925	114047	LRS01119	111108	LRS01296	112267
LRS00819	110206	LRS00928	110205	LRS01120	110485	LRS01297	111492
LRS00820	112249	LRS00930	110527	LRS01122	110506	LRS01298	111456
LRS00821	110537	LRS00932	110530	LRS01123	112173	LRS01300	111885
LRS00822	110537	LRS00940	110522	LRS01124	110417	LRS01304	113481
LRS00823	110531	LRS00940	113134	LRS01125	110485	LRS01306	111730
LRS00824	110512	LRS00944	110640	LRS01128	111706	LRS01308	112374
LRS00825	110210	LRS00944	113381	LRS01129	110720	LRS01309	111728
LRS00826	110608	LRS00945	110209	LRS01131	110933	LRS01310	111382
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LRS00828	110812	LRS00949	111001	LRS01133	110421	LRS01313	112175
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LRS00837	110517	LRS00957	115423	LRS01135	111021	LRS01315	112659
LRS00837	110521	LRS00960	110535	LRS01137	110356	LRS01316	111197
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LRS00839	110517	LRS00961	111636	LRS01140	110292	LRS01318	110940
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LRS00840	110520	LRS00964	112167	LRS01145	112178	LRS01322	112074
LRS00840	110601	LRS00965	111906	LRS01148	113408	LRS01323	111425
LRS00841	110518	LRS00966	112286	LRS01149	112246	LRS01324	111492
LRS00841	110582	LRS00967	111552	LRS01150	110808	LRS01326	110461

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>LUCAS</b> <i>Continued</i>							
LRS01327	110569	LRS01498	113968	LRS01674	113841	LRS01911	111247
LRS01328	112370	LRS01499	112440	LRS01676	114163	LRS01917	112037
LRS01330	114106	LRS01501	112374	LRS01678	114477	LRS01918	112507
LRS01339	112277	LRS01505	113725	LRS01679	114723	LRS01919	113203
LRS01340	111544	LRS01507	113794	LRS01687	114394	LRS01923	113184
LRS01343	112365	LRS01510	111334	LRS01689	111784	LRS01925	113195
LRS01344	111005	LRS01511	111682	LRS01692	114135	LRS01928	112323
LRS01348	110958	LRS01512	110961	LRS01700	114162	LRS01929	112437
LRS01351	113702	LRS01519	112014	LRS01701	113513	LRS01930	112116
LRS01353	113231	LRS01520	110460	LRS01702	112474	LRS01936	112494
LRS01359	112341	LRS01521	113044	LRS01711	113630	LRS01938	112581
LRS01360	111087	LRS01523	113749	LRS01712	113937	LRS01941	113129
LRS01361	111970	LRS01525	111849	LRS01714	114059	LRS01942	113277
LRS01363	111785	LRS01533	114762	LRS01715	113964	LRS01943	113468
LRS01366	111333	LRS01534	112217	LRS01726	113962	LRS01945	113356
LRS01367	111912	LRS01536	112248	LRS01729	113929	LRS01946	110347
LRS01370	111763	LRS01537	113481	LRS01737	113933	LRS01947	113980
LRS01374	112442	LRS01539	113459	LRS01738	114161	LRS01950	113676
LRS01376	113040	LRS01540	112430	LRS01744	113819	LRS01952	113484
LRS01378	111784	LRS01544	112178	LRS01745	113020	LRS01953	111003
LRS01379	112172	LRS01547	110940	LRS01748	112904	LRS01954	113466
LRS01382	113446	LRS01549	111456	LRS01750	114764	LRS01957	112822
LRS01384	110602	LRS01550	113974	LRS01751	112845	LRS01958	112823
LRS01386	111769	LRS01551	113965	LRS01757	110364	LRS01961	113609
LRS01387	110942	LRS01552	113282	LRS01762	113097	LRS01964	114072
LRS01388	111557	LRS01555	113644	LRS01767	112455	LRS01965	114071
LRS01389	112221	LRS01556	114123	LRS01768	110811	LRS01968	113897
LRS01391	112986	LRS01559	113481	LRS01775	113172	LRS01970	113468
LRS01397	112016	LRS01560	113618	LRS01776	111209	LRS01972	113759
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LRS01401	112341	LRS01563	112442	LRS01781	110414	LRS01975	114053
LRS01402	111273	LRS01564	112444	LRS01785	112911	LRS01976	110813
LRS01405	110223	LRS01565	112676	LRS01786	112897	LRS01976	110813
LRS01408	112267	LRS01566	112218	LRS01787	110626	LRS01983	111054
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LRS01414	113757	LRS01567	113329	LRS01789	111699	LRS01987	111054
LRS01415	111703	LRS01568	112373	LRS01791	113925	LRS01988	111752
LRS01416	111370	LRS01571	112474	LRS01794	111786	LRS01996	111070
LRS01417	111724	LRS01572	113125	LRS01797	110468	LRS02000	111055
LRS01422	111855	LRS01573	112291	LRS01800	111786	LRS02001	111451
LRS01425	112276	LRS01575	114051	LRS01801	114127	LRS02003	111694
LRS01426	110941	LRS01576	111699	LRS01802	110566	LRS02008	111120
LRS01428	111300	LRS01579	111070	LRS01806	110512	LRS02011	110368
LRS01429	112546	LRS01580	112534	LRS01807	111218	LRS02013	111106
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LRS01434	112040	LRS01582	112445	LRS01813	112651	LRS02018	111728
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LRS01438	111442	LRS01589	112497	LRS01829	110347	LRS02024	110336
LRS01439	112172	LRS01591	111874	LRS01835	110616	LRS02025	111122
LRS01442	110617	LRS01592	112436	LRS01839	113194	LRS02027	111442
LRS01443	110421	LRS01593	113927	LRS01840	110581	LRS02028	111851
LRS01444	113207	LRS01595	111034	LRS01842	111913	LRS02029	111447
LRS01446	112217	LRS01601	112476	LRS01843	110576	LRS02030	111544
LRS01447	112036	LRS01606	111333	LRS01845	112670	LRS02031	110368
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LRS01451	112369	LRS01609	112371	LRS01849	110998	LRS02037	110842
LRS01452	113313	LRS01610	113515	LRS01856	112174	LRS02040	111131
LRS01453	112322	LRS01617	113408	LRS01859	111003	LRS02041	111525
LRS01457	111855	LRS01620	110530	LRS01861	110616	LRS02045	110443
LRS01459	113629	LRS01622	112442	LRS01862	110535	LRS02046	111608
LRS01460	111971	LRS01623	113327	LRS01873	112649	LRS02047	111464
LRS01461	112380	LRS01626	110485	LRS01874	110556	LRS02050	110530
LRS01462	114160	LRS01632	113761	LRS01881	110490	LRS02053	111548
LRS01464	111190	LRS01633	111260	LRS01886	113191	LRS02055	110808
LRS01468	111272	LRS01636	113613	LRS01889	112323	LRS02060	112125
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LRS01471	112441	LRS01643	112672	LRS01891	112116	LRS02065	111475
LRS01471	115505	LRS01646	111699	LRS01893	111679	LRS02066	111550
LRS01472	113638	LRS01647	112388	LRS01894	113746	LRS02067	113132
LRS01474	114123	LRS01651	115522	LRS01896	112055	LRS02070	110713
LRS01475	113446	LRS01655	113521	LRS01897	111910	LRS02071	111685
LRS01479	113314	LRS01656	113638	LRS01899	112055	LRS02072	111451
LRS01481	110323	LRS01657	113325	LRS01901	113850	LRS02074	111421
LRS01484	111755	LRS01658	113805	LRS01903	112224	LRS02075	112125
LRS01486	112135	LRS01659	112367	LRS01905	111254	LRS02080	114199
LRS01489	111969	LRS01662	114223	LRS01907	111771	LRS02082	111564
LRS01491	110713	LRS01667	113323	LRS01908	113468	LRS02083	111751
LRS01491	112033	LRS01672	113509	LRS01910	111254	LRS02084	111848
LRS01495	112846	LRS01673	113842	LRS01910	111254	LRS02085	112336

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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LRS02088	110354	LRS02273	113859	LRT00110	111214	LRT00217	111995
LRS02090	110587	LRS02279	113960	LRT00111	111311	LRT00218	112429
LRS02095	111422	LRS02280	114237	LRT00113	111442	LRT00219	112236
LRS02096	112214	LRS02284	114738	LRT00113	113024	LRT00220	112435
LRS02098	112295	LRS02287	114853	LRT00114	111559	LRT00221	112438
LRS02099	112006	LRS02295	113963	LRT00114	112083	LRT00222	112083
LRS02100	114460	LRS02298	114740	LRT00116	112818	LRT00223	112431
LRS02102	111865	LRS02300	113211	LRT00117	111374	LRT00224	112320
LRS02104	111422	LRS02301	114270	LRT00119	111911	LRT00225	114523
LRS02105	111347	LRS02303	113937	LRT00120	111549	LRT00226	111908
LRS02106	110584	LRS02305	114820	LRT00123	113361	LRT00228	112553
LRS02107	111123	LRS02308	112547	LRT00124	112295	LRT00229	111396
LRS02108	112295	LRS02309	113797	LRT00125	113644	LRT00234	113286
LRS02109	112818	LRS02312	113797	LRT00126	111029	LRT00235	113761
LRS02110	112368	LRS02315	114526	LRT00127	111554	LRT00236	111251
LRS02113	111550	LRS02322	113672	LRT00127	111874	LRT00237	112218
LRS02114	110315	LRS02323	113907	LRT00129	111455	LRT00240	112475
LRS02115	113276	LRS02325	115398	LRT00129	111984	LRT00244	113271
LRS02120	110152	LRS02328	110552	LRT00131	111690	LRT00250	112080
LRS02125	110862	LRS02330	114690	LRT00132	113451	LRT00600	110450
LRS02129	111475	LRS02338	113926	LRT00133	113387	LRT00604	110454
LRS02130	111131	LRS02341	114073	LRT00134	111851	LRT00605	110449
LRS02132	111751	LRS02342	115328	LRT00135	111399	LRT00606	112084
LRS02136	111489	LRS02343	114020	LRT00136	111693	LRT00608	111024
LRS02138	112455	LRS02345	115336	LRT00137	110524	LRT00609	110454
LRS02141	110209	LRS02347	114746	LRT00137	113979	LRT00610	110449
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LRS02144	110521	LRS02349	113303	LRT00139	113674	LRT00611	112091
LRS02146	110212	LRS02351	113821	LRT00140	112459	LRT00612	110452
LRS02149	110208	LRS02353	114057	LRT00143	111641	LRT00612	110998
LRS02151	110534	LRS02355	112646	LRT00146	111420	LRT00613	110998
LRS02152	113466	LRS02356	113977	LRT00147	111228	LRT00615	112090
LRS02153	114047	LRS02365	110839	LRT00147	112124	LRT00616	111024
LRS02154	110524	LRS02368	112083	LRT00148	111685	LRT00617	111097
LRS02155	110206	LRS02375	113696	LRT00150	113752	LRT00618	110450
LRS02156	110582	LRS02377	114093	LRT00156	111562	LRT00619	110452
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LRS02158	115514	LRS02388	114444	LRT00159	110847	LRT00632	110449
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LRS02166	114279	LRS02393	111844	LRT00161	112172	LRT00641	110450
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LRS02170	110634	LRS02399	114056	LRT00163	114119	LRT00653	112090
LRS02174	113773	LRS02401	113984	LRT00165	111680	LRT00656	110452
LRS02180	112498	LRS02406	114328	LRT00167	111906	NAB300	110968
LRS02183	114108	LRS02410	114849	LRT00168	111485	NAB301	110969
LRS02185	112296	LRS02419	114299	LRT00169	111865	NAB302	110970
LRS02186	113796	LRS02442	115338	LRT00170	112533	NAB303	110971
LRS02190	110156	LRS02443	115394	LRT00172	111904	NAB304	110972
LRS02194	114094	LRS02476	115376	LRT00173	111823	NAB307	110975
LRS02196	114096	LRS02487	114305	LRT00174	113605	NAB501	110977
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LRS02205	111911	LRS02516	115400	LRT00176	110461	NAB9000M	113152
LRS02208	114837	LRS02521	115330	LRT00176	112251	NAB9000M	112237
LRS02210	112255	LRS02522	114742	LRT00177	111909	NAB901	110977
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LRS02221	112579	LRS02564	115337	LRT00181	111463	NAB904	110976
LRS02222	113453	LRS02577	114389	LRT00182	112006	NAB905	111204
LRS02223	113935	LRS02583	115341	LRT00187	112103	NDB100	110482
LRS02223	115501	LRS02590	115376	LRT00188	112026	NDB101	110483
LRS02224	114091	LRS02610	115399	LRT00189	111849	NSB101	110831
LRS02227	113608	LRS02635	115401	LRT00190	111848	NSB102	110840
LRS02228	111065	LRS02636	114818	LRT00194	111251	NSB103	110831
LRS02233	113108	LRS02645	114833	LRT00195	112454	NSB132	112124
LRS02235	114170	LRS138	110464	LRT00197	111994	NSB409	110440
LRS02241	113205	LRS2407	114021	LRT00198	111422	NSB415	110818
LRS02242	110530	LRS2853	113710	LRT00199	113430	NSB500	110442
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LRS02244	113756	LRT00100	111241	LRT00201	113443	NSB503	110443
LRS02246	113860	LRT00101	111508	LRT00202	112821	NSB509	110439
LRS02249	114092	LRT00102	112301	LRT00203	111307	NSB511	110440
LRS02252	113719	LRT00103	111349	LRT00205	111931	NSB512	110441
LRS02254	114100	LRT00104	114318	LRT00206	113267	NSB513	110818
LRS02258	112227	LRT00105	113928	LRT00207	113346	NSB515	110464
LRS02258	114100	LRT00106	110574	LRT00208	113281	NSB520	110462
LRS02268	113934	LRT00106	111805	LRT00213	113649	NSB521	110461
LRS02269	114171	LRT00107	111848	LRT00215	114889	NSB522	110615

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>LUCAS</b> <i>Continued</i>							
NSB523	..110545	63103019	..111310	63220537	..110365	63223537	..111911
NSB524	..110615	63103022	..112124	63220701	..110338	63223538	..113701
NSB529	..110565	63103024	..112382	63220703	..110365	63223730	..111685
NSB530	..110819	63103031	..113962	63220713	..110365	63224170	..110521
NSB531	..110565	63111005	..111685	63220721	..110338	63224580	..110521
NSB532	..110459	63111006	..111911	63220723	..110365	63224600	..110529
NSB534	..113380	63111007	..111685	63220731	..110338	63226301	..110213
NSB535	..110465	63111023	..111347	63220733	..110365	63226391	..110213
NSB540	..110565	63111043	..111347	63220741	..110338	63226631	..112390
S0850	..110813	63112003	..113752	63220743	..110365	63226689	..111750
S1373	..111490	63113001	..113925	63221305	..111058	63226801	..111865
S2753	..112910	63113002	..113430	63221306	..111058	63226845	..110818
S2757	..111786	63113003	..112379	63221307	..111058	63226920	..112277
S2762	..112911	63114014	..112026	63221335	..111058	63226942	..110867
S2763	..112898	63114017	..113446	63221400	..111106	63227014	..111131
S2765	..112904	63187051	..112821	63221401	..112289	63227413	..110818
S2930	..110225	63191007	..112380	63221403	..111106	63227470	..110819
S2931	..110225	63193001	..113925	63221405	..112034	63227478	..110615
S4515	..110819	63201000	..110608	63221430	..111106	63227480	..110819
S4523	..110818	63201001	..110608	63221431	..112289	63227486	..110615
S9081	..110315	63201004	..110608	63221433	..111106	63227488	..110819
S9415	..110810	63201005	..110608	63221500	..111118	63227489	..110464
S9421	..110810	63201100	..110608	63221530	..111118	63227501	..110461
S9463	..113668	63201101	..110608	63221533	..111117	63227508	..112660
S9620	..112911	63206704	..110524	63221535	..111058	63227512	..110545
S9911	..110626	63206834	..111755	63221604	..111505	63227520	..110615
S9930	..110942	63213815	..110529	63221632	..111106	63227528	..110818
		63214308	..110520	63221637	..111228	63227541	..111346
		63214333	..110520	63221800	..111025	63227564	..112267
<b>MAGNETI MARELLI</b>							
27522	..110819	63214371	..110520	63221830	..111025	63227565	..111346
27540	..110819	63216701	..110521	63221832	..110365	63227568	..111346
27571	..110819	63216702	..110520	63221890	..111025	63227569	..110462
2707130	..110442	63216703	..110518	63221892	..110365	63227585	..110615
4737758	..110519	63216704	..110521	63222005	..113446	63227588	..110615
4755110	..110522	63216725	..110521	63222034	..111421	63227590	..111346
4755112	..110519	63216726	..110521	63222035	..112533	63227596	..110615
30180246	..110365	63216727	..110521	63222038	..112125	63227598	..111346
30180309	..110814	63216731	..110521	63222134	..112125	63227599	..111346
30281003	..110521	63216733	..110520	63222135	..112125	63227601	..112136
30281004	..110521	63216740	..110518	63222138	..111421	63230001	..113346
30281013	..110521	63216741	..110518	63222405	..110352	63253010	..111131
30281017	..110520	63216747	..110521	63222408	..110352	63253020	..110867
30281018	..110517	63216748	..110521	63222435	..110352	63280040	..113654
30281020	..110518	63216800	..110529	63222436	..110352	63280041	..113655
30281027	..110520	63216802	..110519	63222438	..110352	63280042	..113962
30380301	..110529	63216808	..110812	63222506	..110352	63280070	..111911
30380319	..110813	63216814	..110530	63222831	..112124	63280071	..114072
30680274	..111180	63216816	..111001	63222836	..111585	63280901	..113659
30680307	..110612	63216825	..110529	63222837	..111585	63291405	..110585
30680316	..112768	63216826	..110529	63222888	..111422	63293039	..113750
30680350	..110912	63216827	..110529	63222889	..111422	63293537	..111911
30680352	..110612	63216831	..110529	63222890	..111422	63293538	..113701
30680353	..110890	63216833	..110519	63222897	..111585	63296357	..110615
50246218	..111010	63216873	..110522	63222904	..111420	63300506	..110899
50246416	..112537	63216874	..110529	63222905	..111585	63300521	..111180
50246532	..111228	63216876	..110530	63222908	..111585	63300802	..111180
50246648	..112124	63216884	..110530	63222936	..111422	63300900	..111180
54022720	..111623	63216896	..110522	63223001	..112124	63300901	..111180
54022720	..111742	63216898	..110522	63223031	..112124	63300920	..111180
54208288	..111355	63217101	..110813	63223033	..112124	63300921	..111180
54293284	..110615	63217104	..110814	63223035	..111228	63303100	..110611
63101002	..111422	63217105	..110812	63223039	..113750	63303110	..110611
63101003	..114123	63217106	..111284	63223085	..112124	63303130	..110611
63101007	..112380	63217118	..110812	63223101	..112124	63303140	..110611
63101008	..114123	63217121	..113381	63223103	..113346	63303191	..110611
63101015	..112382	63217125	..110813	63223104	..113346	63303192	..110611
63101018	..112382	63217126	..110813	63223200	..111422	63303500	..110611
63101021	..113962	63217138	..110530	63223303	..112124	63303502	..111078
63101022	..114123	63217147	..110814	63223304	..111088	63303581	..110912
63101023	..114123	63217148	..110814	63223430	..111117	63303610	..111035
63102003	..111420	63217154	..110812	63223431	..110854	63303701	..111078
63102007	..112382	63217163	..111284	63223432	..112455	63303702	..110612
63102018	..112382	63217173	..115423	63223433	..111400	63303703	..111078
63102020	..112382	63217180	..115423	63223434	..111010	63303721	..111078
63102021	..114123	63217201	..110517	63223435	..114118	63303731	..111078
63102022	..113962	63217225	..110517	63223436	..110854	63303733	..111078
63103002	..112124	63217226	..110517	63223438	..112309	63303739	..111411
63103007	..112124	63217410	..111693	63223530	..110854	63303780	..111138
63103015	..112382	63217433	..115423	63223531	..110854	63304011	..112097

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
63304012	112097	63307128	111078	63320048	113472	63321068	111148
63304021	112097	63307131	110612	63320049	111686	63321070	111148
63304031	112097	63307150	110912	63320053	112719	63321071	110912
63304041	112097	63307160	110912	63320055	111148	63321072	111620
63304051	112097	63307206	110882	63320056	111035	63321077	111654
63304061	112097	63307207	110882	63320060	112097	63321080	110912
63304087	112097	63307227	110882	63320082	113472	63321081	112728
63304100	112097	63307236	110890	63320083	113472	63321082	113471
63304120	112097	63307246	110882	63320091	111032	63321083	111082
63304800	110611	63307256	110882	63320094	111687	63321084	111620
63305000	111138	63307400	110912	63320100	110890	63321086	111620
63305020	110912	63307401	111035	63320105	111620	63321091	113472
63305100	111138	63307405	110912	63320111	113533	63321095	112768
63305101	110612	63307407	110912	63320112	110912	63321096	111620
63305120	112768	63307410	110912	63320121	111620	63321099	111686
63305130	111138	63307420	110912	63320124	114669	63321103	112719
63305131	110612	63307425	110912	63320125	112719	63321104	112097
63305150	110912	63307427	110912	63320126	111654	63321112	112719
63305206	110882	63307429	110912	63320128	110912	63321114	111082
63305226	110882	63307430	110912	63320129	111620	63321115	112097
63305236	110882	63307431	111035	63320130	111035	63321120	112719
63305256	110882	63307450	110912	63320132	113472	63321123	111654
63305276	110882	63307460	110912	63320137	114669	63321136	113471
63305300	110912	63307470	110912	63320140	113471	63321146	111686
63305310	110912	63307506	110890	63320141	110912	63321149	113472
63305400	110912	63307526	110890	63320200	111411	63321151	113472
63305401	111035	63307536	110890	63320218	111756	63321152	111620
63305404	110912	63307604	111148	63320219	111411	63321153	111620
63305405	110912	63307624	111148	63320243	112325	63321154	111035
63305406	110912	63307634	111148	63320258	111505	63321156	113472
63305424	110912	63307801	111620	63320277	111688	63321157	113472
63305425	110912	63307802	111686	63320289	112025	63321159	111032
63305426	110912	63307822	111686	63320315	112025	63321160	111032
63305430	110912	63307832	111686	63320317	112324	63321161	112097
63305431	111035	63307841	110890	63320333	113939	63321163	112097
63305450	110912	63307862	111686	63320347	112324	63321165	111687
63305500	110890	63307872	111686	63320349	113763	63321170	111803
63305520	110912	63308300	112097	63320510	113667	63321172	110912
63305526	110890	63308310	112097	63320511	111416	63321173	113471
63305536	110890	63308320	112097	63320531	112325	63321178	112728
63305606	110890	63308330	112097	63321000	111036	63321180	110890
63305621	110912	63308340	112097	63321001	111078	63321189	111036
63305700	110880	63308350	112097	63321003	111035	63321190	113533
63305720	110880	63308360	112097	63321004	110612	63321191	112719
63305721	110911	63308370	112097	63321005	111035	63321197	110912
63305722	110911	63308380	112097	63321006	110612	63321199	111654
63305800	111153	63308701	111078	63321007	111148	63321200	111411
63305801	111620	63308731	111078	63321008	110912	63321204	111416
63305802	111686	63310504	114451	63321010	110912	63321205	111802
63305820	111153	63320001	111036	63321011	112719	63321227	111568
63305822	111686	63320002	111078	63321017	111654	63321231	112540
63305832	111686	63320003	112719	63321019	111686	63321232	113942
63305842	111686	63320004	111035	63321020	111686	63321233	111411
63305862	111078	63320005	110612	63321021	111686	63321234	113537
63306000	112097	63320006	110612	63321022	111686	63321235	111505
63306050	112097	63320007	112719	63321023	111148	63321237	111568
63306060	112097	63320008	112719	63321028	112719	63321238	111756
63306070	112097	63320013	111654	63321029	111654	63321239	112202
63306079	112097	63320015	111686	63321031	111686	63321240	112025
63306089	112097	63320016	111148	63321035	110882	63321241	111409
63306300	112097	63320017	111654	63321036	110882	63321243	112025
63306301	112097	63320018	111620	63321037	110882	63321244	112121
63306302	112097	63320020	111654	63321041	110890	63321246	111409
63306350	112097	63320021	110882	63321042	111418	63321251	111416
63306360	112097	63320023	110890	63321044	111418	63321252	111689
63306370	112097	63320024	111418	63321045	112097	63321257	112325
63306379	112097	63320025	112097	63321046	112097	63321270	111411
63306389	112097	63320026	111620	63321047	112097	63321275	111416
63306701	111078	63320028	111035	63321048	112097	63321276	111802
63306721	111078	63320031	112719	63321049	112097	63321278	111413
63306731	111078	63320032	111620	63321050	112097	63321279	111795
63307100	111138	63320034	111621	63321052	112097	63321280	113537
63307101	110612	63320035	111148	63321055	112097	63321281	111505
63307105	110612	63320037	112768	63321056	111620	63321282	111416
63307106	111078	63320039	111082	63321057	112728	63321283	111689
63307108	111078	63320040	113471	63321061	110912	63321285	112718
63307120	111138	63320042	111620	63321062	111620	63321287	113536
63307125	110612	63320044	111620	63321063	112097	63321295	111689
63307126	111078	63320046	111620	63321067	111621	63321300	111505

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>MAGNETI MARELLI</b> <i>Continued</i>							
63321310	113942	63321669	112121	63325256	111363	63505101	111035
63321311	111413	63321671	111723	63340004	112021	63521070	111015
63321312	113667	63321677	112142	63341200	111411	63522235	110813
63321321	112021	63321678	112143	63341233	111411	63522310	112498
63321324	112698	63321679	111795	63341238	111756	63532637	113498
63321328	111688	63321691	112121	63341239	112202	94317148	110814
63321329	111688	63321695	112325	63341240	112025	94335657	111082
63321330	113536	63321697	111795	63341243	112025	633214434	112324
63321331	111568	63321702	112384	63341244	112121	943226366	110615
63321332	111568	63321702	114025	63341321	112021	943251688	111131
63321343	112698	63321711	112654	63341343	112698	943305226	110882
63321344	112698	63321712	111411	63341344	112698	943320021	110882
63321345	113914	63321718	113718	63341345	113914	943320023	110890
63321346	112718	63321723	112782	63341353	112025	943320025	112097
63321349	111409	63321724	112121	63341358	112021	943320049	111686
63321355	113939	63321727	112203	63341434	112324	943321004	110612
63321358	112021	63321729	113536	63341636	112203	943321017	111620
63321361	111802	63321730	112121	63341641	110619	943321019	111686
63321362	111416	63321733	113405	63341658	112384	943321023	111148
63321364	111505	63321734	113575	63341666	112325	943321044	110882
63321367	111416	63321740	113404	63341669	112121	943321068	110612
63321395	112540	63321741	112648	63341677	112142	943321083	111082
63321396	111689	63321743	113621	63341678	112143	943321084	111620
63321406	111568	63321744	114384	63341679	111795	943321086	111620
63321409	112719	63321746	112142	63341691	112121	943321095	112768
63321418	113942	63321747	113537	63341695	112325	943321149	113472
63321419	113939	63321753	113529	63341697	111795	943321172	111654
63321421	113914	63321758	113599	63341702	112384	943356274	111180
63321422	112698	63321761	114899	63341711	112654	943356305	110882
63321424	114669	63321765	113535	63341712	111411	943356316	112768
63321425	112325	63321770	110619	63341723	112782	943356353	110890
63321433	111106	63321771	111723	63341724	112121	943356442	110913
63321434	112324	63321772	112782	63341727	112203	943356621	110923
63321436	113939	63321775	113535	63341730	112121	943356633	111289
63321453	111568	63321778	114066	63341733	113405	943356639	111289
63321454	110612	63321788	113684	63341746	112142	943356667	112744
63321458	114669	63321790	113684	63341758	113599	943356806	110612
63321465	112698	63321792	111568	63341770	110619	943356823	111085
63321466	113763	63321800	111409	63341778	114066	943356826	110881
63321470	111411	63321801	113942	63341797	111795	943358010	111289
63321473	112698	63321803	113939	63341896	114025	063103002010	112124
63321485	111568	63321804	113336	63358010	111289	063103007010	112124
63321488	113471	63321804	113943	63358020	111289	063113002010	113430
63321489	111568	63321805	113336	63362003	110899	063113003010	112379
63321493	110912	63321805	113943	63362004	110899	063114014010	112026
63321497	113336	63321806	113943	63362006	110899	063206704010	110524
63321497	113943	63321809	111413	63377001	114899	063206834010	111755
63321501	113336	63321810	113536	63377002	113718	063216731010	110521
63321501	113943	63321815	113987	63377004	114204	063216741010	110518
63321502	114669	63321817	113621	63377005	113996	063216827010	110529
63321503	114669	63321819	113536	63377006	113718	063216831010	110529
63321506	113939	63321820	111416	63377008	113718	063216876010	110530
63321507	113336	63321823	112142	63377011	114462	063216884010	110530
63321510	111148	63321826	113943	63377013	113535	063216896010	110522
63321600	111411	63321828	113405	63377017	114493	063217158010	112039
63321602	113537	63321833	113338	63377300	113246	063217163010	111284
63321603	111505	63321836	113536	63377402	111795	063341711010	112654
63321604	111505	63321848	111411	63377404	112142	943251415010	112537
63321606	111689	63321859	113336	63377407	114009	943252071010	110536
63321607	111689	63321862	113987	63377409	112143	943252216010	113467
63321609	111689	63321863	113684	63377410	111795	943253266010	112436
63321611	111413	63321869	114899	63377412	112142	943254024010	110396
63321612	113536	63321870	113537	63377413	112142	27593A	110819
63321613	113667	63321896	114025	63377416	113849	30000A	113346
63321614	111413	63321897	114025	63377418	114248	30001A	113346
63321615	111416	63321898	112142	63377424	114409	30002A	113346
63321616	111416	63321940	113996	63377425	114754	30003A	113346
63321617	111802	63324145	111364	63377426	114806	63321238A	111756
63321625	111689	63324233	110891	63377461	113763	63321711B	112654
63321626	113684	63324242	112238	63377462	113763	63321730A	112121
63321627	113684	63324273	111739	63377464	113967	63321730B	112121
63321636	112203	63324274	111740	63377466	114302	E100-1.3/12V8	110352
63321641	110619	63324294	111355	63377490	114204	E80-1.1/12V	111228
63321658	112384	63324295	113623	63377491	113904	E84-0.8/12V1	110338
63321658	114025	63324327	111363	63377492	113955	E84-0.8/12V3	110365
63321660	111416	63324384	113623	63377492	114801	M125-3/12	110529
63321661	111416	63324385	113623	63377493	113720	M125M3-Z9(3/12)	110529
63321663	113537	63324387	111355	63395575	112719	MAN342	111036
63321666	112325	63324407	112722	63396554	111082	MSN2039	113182

**STARTERS & ALTERNATORS**



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
MT38M	111217	054022584	111176	063222035	112533	063280047	112382
MT38RA	111217	054022584	111741	063222035	113446	063280048	114056
MT43HA	110520	054022585	111176	063222134	112125	063280050	113244
MT62BA	110529	054022585	112725	063222138	111421	063280051	111550
MT67A	110521	054022597	113920	063222905	111585	063280052	111874
MT67AB	110521	054022598	110770	063222908	110365	063280053	112367
MT67AC	110521	054022598	111356	063222908	111585	063280054	114889
MT67AD	110521	054022598	111364	063223085	111228	063280055	113314
MT67B	110520	054022598	111366	063223085	112289	063280057	114239
MT67BA	110520	054022598	112238	063223101	112124	063280058	114071
MT67C	110518	054022600	111741	063223101	112289	063280059	114216
MT67CA	110518	054022601	111741	063223332	111619	063280090	113926
MT67CB	110518	054022602	111176	063223430	111117	063280901	113659
MT67D	110521	054022603	110891	063223435	111911	063293039	113750
MT67DA	110521	054022604	110891	063223436	110854	063293103	113346
MT67DB	110521	054022625	111362	063223530	110854	063293538	113701
MT67AA	110521	054022626	110770	063223531	110854	063296842	112135
MT68A	110529	054022628	111356	063223532	112455	063303733	111078
MT68AB	110529	054022628	111362	063226631	112390	063305720	110880
MT68AC	110529	054022630	111364	063226686	110840	063310508	113247
MT68AD	110529	054022631	110770	063226801	111865	063310509	112059
MT68B	110519	054022636	110770	063226845	111608	063320021	110882
MT68BA	110519	054022639	110968	063226942	110867	063320023	110890
MT68L	110522	054022639	111355	063227004	112141	063320025	112097
MT68LA	110522	054022640	112238	063227014	110337	063320049	111686
MT68LB	110522	054022641	110770	063227014	111053	063320049	112097
MT68LC	110522	054022641	112238	063227014	111056	063320049	112719
MT68MA	110529	054022642	110770	063227014	111131	063320060	112097
MT68MB	110529	054022642	111355	063227017	111750	063321000	111036
MT68P	110530	054022643	110770	063227034	113346	063321011	110890
MT68PA	110530	054022646	112238	063227035	113346	063321011	110912
MT68PB	110530	054022647	110770	063227046	111303	063321011	111138
MT68R	111001	054022647	111355	063227413	110818	063321011	112719
MT68RA	111001	054022649	110770	063227421	110439	063321011	112768
MT68T	110536	054022650	111176	063227460	110441	063321017	111654
MT68AA	110529	054022654	111361	063227468	110440	063321017	112719
MT71A	110813	054022656	112722	063227468	110441	063321019	111686
MT71AB	110813	054022664	111361	063227470	110439	063321021	110882
MT71D	110814	063102003	111420	063227485	110442	063321021	110890
MT71DA	110814	063102021	114123	063227486	110443	063321021	111078
MT71DB	110814	063102022	113962	063227487	110442	063321021	111620
MT71E	110812	063103002	112124	063227488	110439	063321021	111686
MT71GB	112039	063103022	112124	063227489	110464	063321023	110882
MT71HB	115423	063112003	113752	063227501	110459	063321023	110912
MT71LA	115423	063113003	112379	063227501	110461	063321023	111148
MT71R	110812	063114014	112026	063227501	112251	063321023	112719
MT71RB	110812	063191007	112380	063227502	111737	063321041	110890
MT71T	110812	063216731	110517	063227528	111499	063321042	110882
MT71TA	110812	063216731	110521	063227543	110459	063321042	110890
MT71Z	113381	063216733	110520	063227553	112136	063321044	110882
MT71AA	110813	063216733	110601	063227553	113380	063321044	111418
MT72A	110517	063216741	110518	063227554	110454	063321056	110912
MT72AB	110517	063216748	110521	063227554	110465	063321056	111620
MT72AA	110517	063216831	110529	063227554	110615	063321062	111620
MT74A	115423	063216833	110519	063227559	110460	063321067	111036
MT74BA	115423	063216833	110812	063227564	111574	063321068	111148
MT74G	110536	063216876	110530	063227569	110462	063321080	112719
MT74L	111693	063216884	110530	063227592	110615	063321082	111036
MAR5032	112703	063216896	110522	063227593	110819	063321082	113471
MAR5043	112681	063217121	110640	063227601	112136	063321083	110920
MAR5161	111171	063217121	113381	063280005	112235	063321083	111082
MAR5164	111326	063217126	110529	063280008	112290	063321083	112298
MAR5651	112058	063217126	110813	063280010	111906	063321083	112728
MAR5713	112696	063217148	110814	063280014	111131	063321086	111620
MAR6003	112754	063217148	111693	063280021	113905	063321086	111654
MAR6223	112688	063217154	110519	063280022	112821	063321086	111686
MAR7076	112059	063217154	110812	063280023	113794	063321096	111620
MAR7511	111515	063217158	112039	063280027	113906	063321109	111035
054022197	111364	063217226	110517	063280028	113907	063321112	110882
054022238	110968	063217410	111693	063280029	113908	063321112	110912
054022379	112238	063220741	110338	063280031	113909	063321112	111620
054022384	110770	063220931	111118	063280032	111374	063321112	111654
054022384	110968	063221330	111228	063280034	113910	063321112	112719
054022384	111289	063221431	112289	063280036	113911	063321114	111082
054022384	111362	063221433	111106	063280042	113962	063321114	112728
054022384	111364	063221532	112289	063280043	112382	063321151	111148
054022474	111176	063221832	110365	063280044	113962	063321151	113472
054022581	111289	063221892	110365	063280045	113719	063321152	111620
054022581	111356	063222034	111421	063280046	113962	063321153	111620

Cross reference list

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>MAGNETI MARELLI</b> <i>Continued</i>							
063321154	110612	063341345	113914	063522617	110811	943217163	110530
063321154	111035	063341434	112324	063522618	113805	943217163	111284
063321154	111085	063341711	112654	063522619	113521	943217180	115423
063321154	111180	063341734	113575	063522621	111307	943217226	110517
063321156	113472	063341740	113404	063522622	113329	943217407	110536
063321157	113472	063341758	113599	063522623	110809	943217410	111693
063321159	111032	063341770	110619	063522624	110810	943220735	111106
063321165	111687	063341829	110619	063522625	110808	943221003	111035
063321170	111803	063358061	113722	063522626	114820	943221020	111686
063321173	111036	063358062	113721	063522628	113937	943221430	111106
063321173	113471	063377002	113718	063522629	113860	943221433	111106
063321191	110912	063377005	113996	063523623	110536	943221530	111118
063321191	111654	063377006	113718	063523673	110525	943221535	111058
063321199	110912	063377008	113718	063523680	110523	943221670	111061
063321199	111654	063377010	113535	063523683	110524	943222034	111421
063321231	112540	063377013	113535	063532250	114040	943222138	111421
063321328	111688	063377401	112143	063532601	113331	943222837	110365
063321331	111568	063377402	111795	063532602	113657	943223085	112124
063321332	111568	063377404	112142	063532603	113519	943223430	110854
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063321600	111411	063377412	112142	063532606	113519	943223436	110854
063321604	111505	063377413	112142	063532607	113656	943223438	112309
063321606	111689	063377414	112142	063532608	112333	943226294	110615
063321607	111689	063377416	113849	063532609	113330	943226329	110615
063321615	111416	063377418	114248	063532610	111787	943226348	110615
063321616	111416	063377424	114409	063532611	111405	943226357	110615
063321620	111802	063377425	114754	063532612	113791	943226359	110615
063321625	111689	063377426	114806	063532613	113518	943226369	110615
063321810	113536	063377428	114361	063532614	111309	943226391	110439
063321826	113943	063377429	114158	063532615	110802	943227502	110615
063321836	113536	063377431	114361	063532617	112334	943227518	110615
063321839	111413	063377432	114361	063532620	114114	943227520	110615
063321862	113987	063377433	113902	063532621	113903	943227524	110615
063324145	111364	063377434	114186	063532622	113328	943227570	110615
063324157	110770	063377435	114273	063532623	110804	943227572	110615
063324161	110770	063377436	111468	063532624	113331	943241016	110389
063324161	112238	063377437	111468	063532625	113343	943241031	111805
063324188	110607	063377439	114005	063532627	113792	943241048	110323
063324188	111754	063377440	114231	063532628	113791	943241058	111679
063324198	111366	063377480	114023	063532629	114114	943241074	110154
063324199	111289	063377491	113904	063532630	114350	943241092	110399
063324199	111362	063377493	113720	063532631	113498	943241102	111310
063324202	110770	063377494	114451	063532633	113349	943241107	111136
063324220	110891	063380001	113883	063532636	113350	943241124	110811
063324231	111368	063380002	113912	063532637	113498	943250108	110772
063324233	110891	063380004	113708	063533155	112406	943251002	110997
063324245	110770	063380005	113709	063533200	112407	943251005	110608
063324245	111355	063380006	113709	063533251	113913	943251008	110772
063324249	111362	063380007	113913	063533350	110619	943251015	110336
063324256	111363	063380008	113710	063533479	111426	943251015	111131
063324264	110607	063380009	113710	063534690	111987	943251048	110364
063324264	111754	063380010	113710	063534699	110895	943251050	110367
063324273	111739	063388505	112681	063534881	110881	943251052	110856
063324274	111740	063520003	113962	063534890	111289	943251054	110367
063324276	110770	063521060	114051	063534892	111364	943251056	111064
063324277	111362	063521070	111015	063534897	110766	943251059	112541
063324290	111738	063521071	112307	063535150	111828	943251061	110341
063324294	110770	063521074	113276	063535250	114765	943251064	110835
063324294	111355	063521081	113481	063535255	113923	943251065	111066
063324296	110770	063521084	114460	063535550	113188	943251072	111100
063324296	111364	063521130	111422	063535550	115484	943251074	110835
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063324318	111289	063522602	111123	943201005	110608	943251113	112295
063324348	111176	063522603	111476	943214376	110601	943251114	110367
063324387	111355	063522605	113659	943216731	110521	943251114	110866
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063324409	111368	063522608	112440	943216831	110529	943251127	111070
063340003	113763	063522609	113329	943216852	111001	943251136	110584
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063341238	111756	063522611	112322	943216876	110530	943251139	110847
063341239	112202	063522612	111848	943216896	110522	943251139	111122
063341243	112025	063522614	110389	943217121	113381	943251144	111070
063341343	112698	063522615	113327	943217147	110814	943251144	114460
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
943251220	110771	943251633	110858	943252230	110532	943321607	111689
943251223	110160	943251634	111112	943252231	110212	943321609	111689
943251223	111054	943251637	111052	943252232	110519	943321615	111416
943251223	111489	943251640	110996	943252233	111047	943321617	111802
943251225	112167	943251644	111056	943252235	110524	943321661	111416
943251226	112052	943251646	111058	943252236	112120	943322584	111176
943251275	111619	943251648	110824	943252237	110531	943322604	110891
943251287	110352	943251650	110862	943252240	110998	943324273	111739
943251300	113134	943251651	110838	943252241	110539	943324277	111362
943251302	113389	943251655	111060	943252243	112119	943326917	111620
943251305	112295	943251658	110336	943252244	110525	943340009	113763
943251307	111114	943251658	111131	943252245	110524	943341238	111756
943251307	112541	943251663	111059	943252248	113484	943341239	112202
943251322	111751	943251663	111748	943252249	113468	943341243	112025
943251323	111694	943251664	112440	943252252	112670	943341343	112698
943251326	111748	943251669	110824	943252254	110981	943341345	113914
943251327	111749	943251669	111010	943252256	111755	943341353	112025
943251330	112166	943251670	111061	943252273	113465	943341434	112324
943251333	112321	943251671	111059	943252274	113466	943341733	113405
943251334	111848	943251674	110862	943252276	111332	943341740	112648
943251335	111131	943251686	110865	943252278	111636	943341770	110619
943251335	111750	943251689	111131	943252281	112249	943341772	112782
943251337	112290	943251691	111131	943252282	111332	943341829	112782
943251340	112307	943251691	111269	943252284	111640	943346003	112754
943251402	111115	943251692	110842	943252290	111637	943346139	112705
943251403	110793	943251694	111347	943252294	110210	943352256	111755
943251403	111066	943251695	111851	943252294	113269	943352256	111793
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943251408	110869	943251698	113845	943252298	112135	943354076	112059
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943251413	110336	943251700	111112	943252858	113846	943355151	112058
943251413	110831	943251701	111069	943253242	111374	943356001	111652
943251415	111112	943251815	111750	943254033	113605	943356054	111289
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943251416	111694	943251856	111619	943293541	113254	943356055	111086
943251417	112321	943251862	110351	943293542	112295	943356055	111289
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943251426	111489	943252039	111304	943300921	111180	943356098	110919
943251431	113844	943252039	112249	943303100	110611	943356098	111652
943251434	110865	943252045	110537	943303733	111078	943356098	111653
943251434	111751	943252046	110512	943304120	112097	943356108	110975
943251435	112131	943252046	111218	943304800	110611	943356115	110743
943251436	113847	943252064	110582	943311420	112271	943356118	110612
943251438	110839	943252071	110536	943320037	112768	943356118	111185
943251439	111123	943252122	110775	943320060	112097	943356118	111289
943251439	111127	943252129	110512	943321000	111036	943356119	110745
943251441	111125	943252132	110537	943321007	110612	943356120	110743
943251443	110368	943252187	110210	943321007	111148	943356125	111075
943251445	110530	943252188	110531	943321010	110912	943356134	110975
943251445	110869	943252189	110534	943321011	112719	943356142	111071
943251446	110862	943252190	110208	943321013	110912	943356148	111072
943251452	110368	943252191	110533	943321021	111686	943356148	111171
943251455	110771	943252194	110206	943321029	111654	943356150	110916
943251458	111030	943252194	110210	943321042	111418	943356151	110745
943251459	111131	943252197	110214	943321042	111686	943356158	112739
943251459	111750	943252198	110207	943321048	112097	943356168	110745
943251460	111030	943252201	110524	943321056	111620	943356169	110759
943251462	111030	943252203	110209	943321062	111620	943356169	111289
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943251466	111130	943252205	110523	943321071	111138	943356174	110920
943251466	113443	943252205	113464	943321080	110912	943356183	111076
943251467	111129	943252206	110525	943321080	111654	943356185	111072
943251485	111052	943252207	110527	943321082	113471	943356188	110112
943251486	110997	943252208	110520	943321083	111082	943356188	110902
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943251488	111130	943252208	114047	943321099	111686	943356188	111658
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943251501	111120	943252210	110208	943321114	111082	943356188	112784
943251568	110347	943252212	110205	943321159	111032	943356188	113477
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943251572	112286	943252215	113464	943321170	111803	943356197	111652
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943251613	111055	943252217	110536	943321328	111688	943356202	111841
943251613	111127	943252220	110535	943321331	111568	943356205	112730
943251617	110824	943252221	110213	943321346	112718	943356206	111093
943251619	110865	943252223	110368	943321453	111568	943356207	111093
943251628	110864	943252223	111347	943321604	111505	943356207	111149
943251632	111131	943252228	110582	943321606	111689	943356209	111149

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>MAGNETI MARELLI</b> <i>Continued</i>							
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943356211	111800	943356515	112806	943356671	111168	943357256	110895
943356211	112056	943356518	111354	943356671	111800	943357258	111146
943356212	111164	943356519	112777	943356671	112056	943357259	112076
943356213	111156	943356521	112812	943356673	112735	943357259	112758
943356214	110993	943356523	110887	943356674	111288	943357260	111527
943356219	111629	943356528	111166	943356675	110902	943357260	112757
943356220	110889	943356528	111178	943356676	111287	943357261	113920
943356223	111662	943356528	112775	943356678	111152	943357557	110112
943356224	110906	943356529	111479	943356678	111154	943357557	112784
943356226	111629	943356530	111353	943356679	111095	943357557	113477
943356229	111629	943356531	110759	943356681	111288	943357706	110113
943356230	112742	943356531	111289	943356681	112763	943357707	110766
943356231	110076	943356531	112683	943356682	111287	943357708	110043
943356231	111834	943356535	111652	943356683	112753	943357716	110113
943356232	113469	943356536	110975	943356685	111146	943357716	110761
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943356234	110116	943356537	111653	943356690	112746	943357716	113920
943356236	113611	943356538	112729	943356691	110921	943357761	110116
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943356245	113574	943356539	112229	943356694	111289	943357764	110766
943356246	112803	943356551	112687	943356697	110360	943357765	110766
943356247	112159	943356552	110877	943356701	111656	943357769	112288
943356248	112779	943356553	112689	943356703	110077	943357772	110611
943356249	110881	943356554	111426	943356703	111767	943357772	110882
943356257	111095	943356554	111732	943356703	111891	943357772	111419
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943356315	110178	943356574	112230	943356728	111178	943357804	111987
943356317	110179	943356574	112292	943356728	112271	943358062	113721
943356317	111184	943356602	111652	943356729	110913	943358080	113940
943356329	112681	943356603	112729	943356732	110972	943377004	114204
943356333	111139	943356604	111094	943356732	111168	943377011	114462
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943356406	112162	943356608	112750	943356742	110913	944280105	110363
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943356454	111289	943356626	112734	943356799	111427	944280146	111030
943356465	110358	943356627	112774	943356805	111149	944280147	111619
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943356473	112098	943356640	112725	943356816	112149	944280164	112235
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943356502	111187	943356657	110914	943356849	112076	944280206	113757
943356502	111467	943356657	110972	943356850	112097	944280213	114093
943356502	113376	943356657	111168	943356851	111148	944280218	113959
943356505	111094	943356659	111166	943356859	111860	944280526	111548
943356505	112765	943356660	111800	943356859	112453	944280557	113346
943356506	111354	943356660	112056	943356865	112098	944280558	112214
943356507	111354	943356662	111170	943356889	110360	944280703	114762
943356509	112729	943356663	112730	943356903	110348	944280709	111849
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943356513	111369	943356668	111653	943356960	111326	944288162	112439
943356513	112712	943356669	111652	943356964	112299	944390306	110913

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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944390315	111653	063280044010	113962	063321854010	111568	063377498010	114241
944390316	111086	063280045010	113719	063321859010	111720	063377499010	114242
944390320	110916	063280046010	113962	063321862010	113987	063377502010	114010
944390322	111071	063280047010	112382	063324145010	111364	063377503010	114115
944390340	112734	063280048010	114056	063324157010	111289	063377504010	114041
944390362	111176	063280050010	113244	063324231010	111368	063377505010	114206
944390382	111354	063280051010	111550	063324264010	110607	063377507010	111048
944390424	112414	063280052010	111874	063324293010	111623	063377513010	113306
944390450	112468	063280053010	112367	063341238010	111756	063377521010	114272
944390456	113317	063280054010	114889	063341240010	112025	063377522010	114208
054022474010	111176	063280055010	113314	063341321010	112021	063377523010	114208
054022585010	111176	063280057010	114239	063341343010	112698	063377525010	114704
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054022604010	110891	063280071010	114072	063341454010	111078	063377530010	114215
054022626010	111289	063280074010	114886	063341658010	112384	063377531010	113322
054022642010	111355	063280077010	112006	063341695010	112325	063380002010	114284
054022646010	112238	063280078010	111459	063341702010	112384	063377533010	114694
054022654010	111361	063280080010	112365	063341705010	111268	063377534010	114410
054022656010	112722	063280081010	114763	063341730010	112121	063377537010	113978
054022664010	111361	063280082010	115341	063341734010	113575	063377546010	113440
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054022708010	111742	063280084010	114308	063341741010	112648	063377549010	114099
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063216731010	110521	063321023010	111148	063377017010	114493	063521070240	112171
063216741010	110518	063321041010	110890	063377019010	113722	063521070460	113177
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063222034010	111421	063321159010	111032	063377413010	112142	063521070910	112445
063222035010	112533	063321165010	111687	063377414010	112142	063521070970	112445
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063222135010	112125	063321328010	111688	063377418010	114248	063521071030	112307
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Cross reference list

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>MAGNETI MARELLI</b> <i>Continued</i>							
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063521092500	112440	063522608010	112440	063533251220	114705	943251050010	110367
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063521092580	114094	063522610010	110389	063533251710	114304	943251054010	110367
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Cross reference list

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>MAGNETI MARELLI</b> <i>Continued</i>							
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943356812010	110919	944280126050	111748	944280175000	112006	944280523170	110389
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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944280800640	114123	944390369650	110622	944390414800	113340	944390463300	113953
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944280801910	113925	944390394810	112683	944390421910	111718	944390512950	113078
944280801930	113929	944390395010	111687	944390425400	112535	944390512970	112358
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944280802120	113964	944390398310	113868	944390427000	112079	944390515300	112531
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944280802180	114074	944390400210	112772	944390427200	112144	944390515640	112327
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944280802290	112476	944390400510	111319	944390427900	113298	944390515660	112355

Cross reference list

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>MAGNETI MARELLI</b> <i>Continued</i>							
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944390518150	112332	944390902390	113503	MAN7017	114493	MSN808	113925
944390518160	111779	944390902400	113912	MAN7024	113721	MSN8082	115341
944390605020	111314	944390902420	114064	MAN7027	114706	MSR111	112390
944390605030	113519	944390902480	113404	MAN7402	111795	MSR2033	113605
944390605070	113652	944390902520	114129	MAN7410	111795	MSR218	110536
944390605100	111309	944390902710	112025	MAN7412	112142	MSR240	110536
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944390605130	113652	944390903040	112021	MAN7416	113849	MSR342	110367
944390605140	113518	944390903130	114042	MAN7426	114806	MSR343	110856
944390609060	113498	944390903170	113881	MAN7480	114023	MSR364	110585
944390609080	114114	944390903230	113404	MAN7491	113904	MSR365	110587
944390664130	112202	944390903240	113955	MAN7492	113955	MSR377	111070
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944390900170	111831	944390903510	113321	MAR469	112162	MSR435	110585
944390900270	113914	944390903530	114877	MAR473	110360	MSR458	111131
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944390900750	111943	944390903870	113873	MSN2028	111694	MSR5442	111374
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944390901280	111568	944390904440	113343	MSN2113	112429	MSR737	111332
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944390901510	113407	944390904710	113861	MSN219	110529	<b>MAGNETON (PAL/SKODA)</b>	
944390901520	111722	944399425200	112197	MSN220	110519	8515220	110881
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944390901690	113245	MAN1165	110619	MSN237	110517	9124340	110601
944390901730	112384	MAN154	113623	MSN2626	114820	9124350	110524
944390901750	112457	MAN176	113623	MSN290	110365	9125010	110210
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944390901980	113950	MAN261	112097	MSN540	110819	9125240	110207
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944390902090	113987	MAN306	111082	MSN634	113752	9125260	110206
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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9125340	110512	9515010	112098	443113516631	110622	51.26101-7156	111146
9125350	111218	9515040	112238	443113516632	110622	51.26101-7159	112779
9125370	110534	9515050	111170	443113516634	110622	51.26101-7172	112747
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9141390	112306	9516050	110542	443113516836	111009	51.26101-7259	113998
9141391	111059	9516051	110542	443113516842	111009	51.26101-7265	113289
9141393	111060	9516060	110542	443113516846	111009	51.26101-7268	113998
9141394	111748	9516061	110542	443113516866	110163	51.26101-7269	114008
9141395	112286	9516241	113543	443113517103	112075	51.26101-7270	113998
9141396	112286	9516590	112387	443115141310	111214	51.26101-7559	113998
9141400	110587	9516591	112387	443115141311	111214	51.26101-9133	110761
9141404	111070	9516650	110621	443115141313	111909	51.26101-9144	110895
9141430	111214	9516653	110621	443115141319	113677	51.26101-9185	110895
9142320	110521	9516660	110622	443115141331	112388	51.26101-9197	110761
9142700	111755	9516661	110622	443115141338	112388	51.26101-9201	110895
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9142702	113269	9516709	111289	443115141395	112286	51.26201-7001	110512
9142709	113269	9516714	111035	443115142350	111214	51.26201-7008	111217
9142722	114254	9516716	111168	443115142701	111332	51.26201-7011	110530
9142723	110615	9516720	111086	443115142702	113269	51.26201-7012	110537
9142724	110461	9516721	111086	443115142709	113269	51.26201-7028	110524
9142726	111855	9516740	111289	443115142723	110615	51.26201-7029	110205
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9142740	111041	9516760	111168	443115142740	111041	51.26201-7042	110533
9142741	110545	9516761	111168	443115142780	112488	51.26201-7057	110210
9142744	110519	9516765	113542	443115142801	111332	51.26201-7061	110210
9142745	112442	9517103	112075	443115144420	110545	51.26201-7067	110524
9142746	110525	9517162	111353	443115144540	110551	51.26201-7074	110512
9142764	110818	9517181	111820	443115144620	110545	51.26201-7085	113468
9142765	110462	9517182	111477	443115144640	110551	51.26201-7087	110210
9142766	112074	9517183	111820	443115144702	113269	51.26201-7092	110206
9142780	112488	9517185	111477	443115144722	114254	51.26201-7095	111640
9142801	111332	9517189	111899	443115144723	110522	51.26201-7100	110208
9142802	110536	9517212	112274	443115144726	110525	51.26201-7101	110524
9142805	111752	9517213	111989	443115144729	110545	51.26201-7108	110206
9142840	111693	9517219	112043	443115144742	110551	51.26201-7110	110210
9142860	110461	9517241	112419	443115144743	110530	51.26201-7112	110512
9142880	110530	9517403	113340	443115174602	110523	51.26201-7114	110206
9142900	111855	9517413	112079	443115174622	110520	51.26201-7118	113468
9142903	114388	9517482	111884	443115901010	110622	51.26201-7119	111640
9142980	111350	9517483	112079	444115144702	113269	51.26201-7123	110210
9144702	113269	9999984	114034	446115144702	113269	51.26201-7125	110206
9144722	110545	91428729	110464	915101A	114034	51.26201-7127	110206
9144742	110551	91455722	110545	915109D	112429	51.26201-7129	110206
9144743	110530	95124596	113716	915109E	112286	51.26201-7137	110206
9144744	110529	114901010	110542	915111A	111909	51.26201-7143	113468
9144745	110813	115901010	110622	915111D	112005	51.26201-7146	113353
9144821	110530	334113516414	112162			51.26201-7146	113353
9144965	110462	334113516653	110621	<b>MAHINDRA</b>		51.26201-7151	115345
9162901	113727	443113515241	113543	86992395	114224	51.26201-7152	113468
9172702	113356	443113515414	111076	005558084R91	113670	51.26201-7153	111640
9172780	113356	443113515415	111076	1233544R91	113670	51.26201-7157	113468
9174602	110523	443113515765	113542			51.26201-7158	113759
9513031	112098	443113516051	110542	<b>MAN</b>		51.26201-7159	110206
9513053	111662	443113516120	110542	50.26201-7078	113465	51.26201-7162	113468
9513071	113632	443113516121	110542	51.25201-7181	110206	51.26201-7181	113468
9513160	111843	443113516180	110542	51.25201-9181	110206	51.26201-7183	113468
9513170	113632	443113516181	110542	51.26101-6084	111842	51.26201-7193	114001
9514090	111216	443113516184	110542	51.26101-7085	110766	51.26201-7199	115556
9514096	111216	443113516241	113543	51.26101-7133	110761	51.26201-7212	113759
						51.26201-7213	113468

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>MAN Continued</b>							
51.26201-7220	114031	3519406M91	111364	1F20-18-300	111199	B675-18-300	112297
51.26201-7222	114001	3536264M91	113474	2329-18-300	110133	B675-18-300A	112297
51.26201-7223	114376	3538541M91	113574	2329-18-300A	110133	B675-18-300B	112297
51.26201-7228	114031	3539389M91	110439	2677-18-300	110133	B675-18-300C	110663
51.26201-7236	114001	3539390M91	110545	3919-18-300	110133	B675-18-300D	112297
51.26201-7239	114031	3542185M92	110565	3936-18-300	110133	B676-18-400	110808
51.26201-9001	110512	3552682M91	111289	4780-18-400	111005	B676-18-400A	110808
51.26201-9008	111217	3552682M92	111289	4780-18-400A	111005	B676-18-400AT	110808
51.26201-9028	110524	3581576M1	110615	4828-18-300	112270	B676-18-400B	110808
51.26201-9034	110208	3597371M2	110819	4840-18-400	111273	B6BF-18-300	111807
51.26201-9057	110210	3597371R2	110819	4840-18-400A	111273	B6BF-18-300D	111807
51.26201-9061	110210	3599503M91	111289	4840-18-400B	111273	B6BF-18-300ES	111807
51.26201-9067	110524	3618908M1	111940	4892-18-300	110133	B6BF-18-300R	111807
51.26201-9074	110512	3618908R1	111940	4893-18-400	110182	B6DK-18-400	110149
51.26201-9117	110206	3637261R91	110178	4893-18-400A	110182	B6EW-18-300	111807
51.26201-9127	110206	3637264R91	110970	4893-18-400B	110182	B6S8-18-400	110808
51.26201-9140	111640	3637269R91	112136	4893-18-400C	110182	B6S8-18-400A	110808
51.26201-9143	113468	3638512R91	111289	4893-18-400D	110182	BP4W-18-300	111384
51.26201-9181	110206	36388131R1	111289	4893-18-400E	110182	BP4W-18-300C	111384
51.26201-9199	115556	3698015R91	110770	4894-18-300	110133	BP6D-18-300	112067
51.26201-9212	113759	3698016M91	110770	4894-18-300C	110133	BP6D-18-300A	112067
51.26201-9220	114031	3698017M91	110770	4894-18-300D	110133	BPD4-18-400	111970
51.26201-9236	114001	3701909M91	112722	8028-18-300	110133	BPD4-18-400A	111970
51.26201-9239	114031	3701910M91	112722	8173-18-300	110134	BPD4-18-400B	111970
81.26101-6012	110766	3701911M91	112722	8173-18-300B	110134	BPE8-18-300	111807
81.26101-6025	110766	3701913M91	112722	8173-18-300C	110134	BPE8-18-300A	111807
81.26101-6079	111842	3701913M92	111368	8318-18-300	110133	BPE8-18-300R	111807
81.26101-6081	111842	3714944M1	112722	8341-18-300	110134	BPE9-18-300	111807
81.26101-6084	111842	3763362M94	111346	8505-18-400	110808	BPE9-18-300A	111807
81.26101-6086	111842	3777677M1	113967	8599-18-400	110578	BPE9-18-300R	111807
81.26201-9013	113466	3777677R1	113967	8599-18-400A	110578	C201-18-300	114129
81.26201-9029	110205	3780634M1	113961	AJ03-18-300A	112961	C401-18-300	114129
83.26101-6501	112343	3784889M2	114387	AJ03-18-300B	112961	C401-18-300A	114129
88.26201-6200	110531	3784890M1	114387	AJ03-18-400	111374	C401-18-300B	114129
88.26201-9200	110531	3819332M91	112722	AJ34-18-400	111374	C601-18-400	111906
A5.00055-9254	113466	3819359M91	111355	AM15-18-400	110811	C601-18-400A	111906
A5.00055-9361	113465	3821818M91	114388	AM15-18-400A	110811	D272-10-346A	110133
		3823621M91	114387	AM15-18-400B	110811	D401-18-300	112270
		3823621M95	114387	AM21-18-300	110318	D401-18-300A	112270
		3930503R1	111948	B101-18-400	110807	D47Z-18-300	110133
		3930504R1	111355	B101-18-400A	110807	D501-18-300	112270
		3933142M91	114360	B101-18-400B	110807	E301-18-300	110136
		4281877F91	114671	B301-18-400	110807	E301-18-300A	110136
		4281879F91	114671	B301-18-400B	110807	E301-18-300C	110136
		586-059-M92	112989	B301-18-400C	110807	E301-18-300D	110136
		6100316M91	111368	B301-18-400E	110807	E301-18-400	110149
		6902959M91	111368	B301-18-400EX	110807	E301-18-400A	110149
		9643382M1	110819	B303-18-400	114885	E301-18-400B	110149
				B303-18-400A	114885	E301-18-400L	110149
				B315-18-400	110808	E301-18-400LA	110149
				B315-18-400A	110808	E302-18-300	110136
				B315-18-400B	110808	E303-18-300	110136
				B315-18-400E	110808	E303-18-300A	110136
				B359-18-300	110692	E303-18-300B	110136
				B361-18-300G	110663	E303-18-300D	110136
				B366-18-300	110663	E303-18-300E	110136
				B366-18-300H	110663	E303-18-300L	110136
				B505-18-400	110808	E331-18-300	110136
				B505-18-4009R	110808	E331-18-300A	110136
				B593-18-400	110808	E331-18-300AL	110136
				B5D8-18-300A	111384	E356-18-400	110808
				B61P-18-300	111342	E356-18-400A	110808
				B61P-18-300E	111342	E356-18-400B	110808
				B61P-18-300F	111342	E356-18-400L	110808
				B61P-18-400	110808	E356-48-400B	110808
				B61P-18-400A	110808	E357-18-400	110808
				B61R-18-400	112215	E357-18-400A	110808
				B61R-18-400A	112215	E563-18-300	110136
				B630-18-400	110808	E563-18-300A	110136
				B630-18-400A	110149	E563-18-300AL	110136
				B64J-18-300A	111342	E563-18-300B	110136
				B64J-18-300B	111342	E568-18-300	110136
				B658-18-400	110808	E5A1-18-300	110136
				B658-18-400R	110808	E5A1-18-300A	110136
				B665S-18-300	111237	F210-18-300	110662
				B66S-18-300C	111237	F210-18-300A	110662
				B66S-18-300D	111237	F210-18-300B	110662
				B66S-18-300G	111237	F210-18-400	110808
				B66S-18-300R	111237	F210-18-400A	110808

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
F214-18-400	110810	FE50-18-400D	110149	R201-18-300B	110699	S515-18-400A	114439
F214-18-400A	110810	FE50-18-400E	110808	R201-18-300C	110699	S515-18-400C	114439
F214-18-400B	110810	FE5A-18-400	110808	R201-18-300D	110699	S5A1-18-400A	114439
F214-18-400C	110810	FE5A-18-400A	110808	R201-18-300E	110699	S5A1-18-400C	114439
F225-18-300	110664	FE79-18-400	110149	R201-18-400	110389	S5A1-18-400D	114439
F225-18-400	110810	FE85-18-300	110692	R201-18-400A	110389	S5SN-18-300	111495
F225-18-400A	110810	FE85-18-300A	110692	R201-18-400B	110389	S5SN-18-300A	111495
F240-18-400	110808	FE85-18-300B	110692	R201-18-400C	110389	SLR4-18-300	114415
F240-18-400A	110808	FESE-18-400	110182	R201-18-400D	110389	TMSK-18-400	114394
F240-18-400B	110808	FFSC-18-400	110182	R201-18-400EX	110389	WL01-18-300	113785
F240-18-400C	110808	FFSC-18-400A	110182	R201-18-400R	110389	WL01-18-400	113702
F271-18-400	110810	FFSN-18-400	110182	R201-18-400Z	110389	WL02-18-400	113702
F271-18-400A	110810	FP13-18-400	111730	R202-18-300	110699	WL02-18-400A	113702
F271-18-400B	110810	FP34-18-300	112067	R202-18-300E	110699	WL11-18-300	113785
F285-18-300	110664	FP34-18-300A	112067	R213-18-300	110706	WL11-18-300A	113785
F285-18-300B	110664	FP34-18-300B	112067	R213-18-300B	110706	WL21-18-300	112352
F285-18-300C	110664	FP34-18-300C	112067	R213-18-300C	110706	WL21-18-300A	112352
F285-18-300E	110664	FP34-18-400A	111730	R213-18-300E	110706	WL21-18-300T	112352
F290-18-300	110664	FPG6-18-300	112067	R213-18-300R	110706	WL21-18-400	113702
F290-18-300A	110664	FS05-18-300	111317	R264-18-300	110699	WL61-18-400A	113702
F290-18-300B	110664	FS05-18-300C	111317	R264-18-300B	110699	WL81-18-300	114120
F2D4-18-400	110810	FS05-18-400	110810	R282-18-300	110706	WL81-18-400	113702
F2D4-18-400A	110810	FS05-18-400A	110810	R282-18-300A	110706	WL91-18-300	112352
F505-18-400	110810	FS05-18-400Z	110810	R286-18-300	110706	WL91-18-400	113702
F601-18-400	110149	FS11-18-400	110810	R286-18-300A	110706	WLAA-18-300A	112352
F601-18-400A	110149	FS11-18-400A	110810	R286-18-300B	110706	Y401-18-300	113912
F601-18-400B	110149	FS11-18-400B	110810	R286-18-300C	110706	Y401-18-400	113905
F601-18-400L	110149	FS1E-18-300	112361	R2D3-18-300A	110699	Y401-18-400A	113905
F650-18-300	110692	FS1E-18-300B	112361	RBF3-18-300	110706	Y401-18-400B	113905
F650-18-300A	110692	FS1E-18-300C	112361	RF01-18-300	110699	Y402-18-300	114128
F650-18-300B	110692	FS64-18-300	111317	RF01-18-400	110389	Y601-18-300	113922
F650-18-300C	110692	G601-18-400	111557	RF01-18-400A	110389	Y601-18-300A	113922
F650-18-300G	110692	G601-18-400B	111557	RF01-18-400B	110389	Y601-18-300B	113922
F651-18-300	110692	G602-18-400	111557	RF01-18-400C	110389	Y601-18-400A	113908
F651-18-300B	110692	G602-18-400A	111557	RF01-18-400E	110389	Y601-18-400B	113908
F651-18-300C	110692	G602-18-400B	111557	RF09-18-300	110699	Y601-18-400C	113908
F802-18-400	110808	GE01-18-300	112270	RF09-18-300E	110699	YF09-18-300	112958
F802-18-400A	110808	GE01-18-300A	112270	RF11-18-300	110969	YF09-18-300A	112958
F802-18-400AT	110808	GY01-18-300E	114356	RF11-18-300A	110969	YF09-18-400	112340
F802-18-400B	110808	GY01-18-300F	114356	RF11-18-300B	110969	Z505-18-300	111807
F802-18-400L	110808	GY01-18-300G	114356	RF11-18-300C	110969	Z505-18-300A	111807
F805-18-300	110692	GY01-18-300H	114356	RF11-18-300E	110969	Z505-18-300C	111807
F805-18-400	110149	GY01-18-300J	114356	RF11-18-300F	110969	Z505-18-300R	111807
F805-18-400A	110149	H612-18-300	112270	RF11-18-300G	110969	Z599-18-300	111384
F805-18-400B	110149	HE41-18-300	110134	RF11-18-300H	110969	Z599-18-300A	111384
F806-18-400	110149	HE45-18-300	110134	RF11-18-300K	110969	Z599-18-300B	111384
F850-18-400	110149	HE45-18-300A	110134	RF15-18-300	113785	Z599-18-300C	111384
F850-18-400A	110149	HE45-18-300XA	110134	RF30-18-300	110699	Z599-18-300D	111384
F850-18-400B	110149	K621-18-400	110578	RF30-18-300B	110699	Z599-18-300E	111384
F850-18-400C	110149	K711-18-400C	110389	RF30-18-300C	110699	Z599-18-300R	111384
F850-18-400D	110149	K801-18-300	111315	RF30-18-300D	110699	Z5A1-18-300	111384
F850-18-400E	110149	K801-18-300A	111315	RF5C-18-300	114112	ZJ01-18-300	114358
F851-18-300	112270	K801-18-300B	111315	RF5C-18-400	114059	ZMM1-18-400	111370
F8B1-18-300	110664	K801-18-300C	111315	RF79-18-300	111337	ZL0-18-400	112030
F8B1-18-300A	110664	K801-18-300D	111315	RF79-18-300B	111337	ZL1-18-400	111844
F8B1-18-300B	110664	K805-18-400	111311	RF79-18-300D	111337	ZL0-18-300	111199
F8B1-18-300C	110664	K805-18-400E	111311	RF7J-18-300A	114111	ZL0-18-400	112030
F8B1-18-300D	110664	KG21-18-400	110578	RF85-18-300	111337	ZM2-18-300	111200
F8B1-18-300E	110664	KL11-18-300D	111315	RF85-18-300A	111337	ZM0-18-400	113222
F8B1-18-400	110808	L327-18-400	113819	RF85-18-300B	111337	ZZP0-18-400	112588
F8B1-18-400A	110808	L3P9-18-300A	114865	RF85-18-300C	111337	ZZP1-18-400	112600
F8B1-18-400AT	110808	L3P9-18-300B	114865	RF85-18-300D	111337	ZZP1-18-400A	112600
F8B1-18-400B	110808	L3P9-18-300C	114865	RF92-18-300	111337	ZZP5-18-400	112030
F8B1-18-400C	110808	L3P9-18-300D	114865	RF92-18-300A	111337	AA30G-18-400	110808
F8B7-18-300	110664	L813-18-300	113348	RF92-18-300B	111337		
FA05-18-400	110149	LB13-18-300	113348	RF92-18-300C	111337		
FA05-18-400B	110149	N221-18-300	110168	RF92-18-300D	111337		
FA05-18-400C	110149	N221-18-300C	110168	RFB3-18-300	110706		
FE05-18-400	110149	N221-18-300XA	110168	RFB3-18-300A	110706		
FE05-18-400A	110149	N249-18-300	110692	RFJ5-18-300	112332		
FE05-18-400B	110149	N249-18-300A	110692	RFJ5-18-300A	112332		
FE05-18-400C	110149	N249-18-300B	110692	RFJ5-18-300B	112332		
FE05-18-400Z	110149	N370-18-300	113519	RFL1-18-400	110389		
FE1H-18-400	110810	N370-18-300A	113519	RFL1-18-400A	110389		
FE1H-18-400B	110810	N370-18-300B	113519	S210-18-400	110578		
FE50-18-400	110149	N370-18-300H	113519	S210-18-400A	110578		
FE50-18-400A	110149	PE24-73-1100	110808	S210-18-400B	110578		
FE50-18-400B	110149	R201-18-300	110699	S211-18-400	110578		
FE50-18-400C	110149	R201-18-300A	110699	S515-18-400	114439		

**MERCEDES BENZ**

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0001500650	112428
0001501650	113771
0001501750	113772
0001502050	112428
0001502450	113771
0001502550	113772
0001502850	112428
0001512801	110210
0001513301	110537
0009062302	114850
0011512901	110208
0011513601	110537

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>MERCEDES BENZ</b> <i>Continued</i>							
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0011514801	..110869	0041516101	..110210	0051548502	..110113	0081548202	..112194
0011516201	..110368	0041516201	..111982	0061510301	..111931	0081548302	..112539
0011516401	..110775	0041516301	..112440	0061510501	..113282	0081548402	..112539
0011516901	..111347	0041516401	..111347	0061511001	..114178	0081548702	..111093
0011517701	..110869	0041516501	..111851	0061511501	..113851	0081548902	..110923
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0031514101	..110206	0051514701	..111931	0071542102	..110113	0101540802	..111890
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0031515901	..110537	0051517001	..114003	0071542802	..111629	0101542102	..113885
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0041513601	..113389	0051547602	..110358	0081543102	..110906	0101547802	..113489
0041514401	..111065	0051547702	..110358	0081544002	..112774	0101548102	..111902
0041514501	..111851	0051547802	..110358	0081544202	..112774	0101548302	..113489
0041514601	..111347	0051547902	..110358	0081544302	..112774	0101548902	..113448
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
0101549102	112561	0141545302	113351	A0021510801	110869	A0041518601	113979
0101549202	113448	0141545402	113351	A0021511501	110869	A0041518701	112286
0101549402	111883	210090010	112249	A0021512601	110775	A0041518801	111771
0101549502	112197	1121540202	113302	A0021513001	110368	A0041518901	111851
0101549602	112197	01315482020	114836	A0021513101	110869	A0041519201	111851
0101549802	113486	1321540001	114472	A0021514301	110838	A0041519301	114395
0101549902	111369	1351510101	114108	A0021515301	110206	A0041519401	111771
0111540302	111903	1601540101	114025	A0021516401	110775	A0041519701	111851
0111540402	112529	1601540201	114025	A0021516901	110368	A0041541802	110358
0111540502	113442	1601540301	112384	A0021517101	110869	A0041542002	110358
0111540602	113889	1601540401	112384	A0021518001	110537	A0041544402	110730
0111540702	111902	1601540501	112384	A0021518101	110512	A0041544602	110730
0111540802	111883	1601540601	112384	A0021518401	110537	A0041545902	110358
0111540902	112197	1611513001	111851	A0021518501	110512	A0041547402	110358
0111541002	113489	1611543402	112530	A0021519301	110862	A0051510601	111347
0111542702	113835	1661510001	113756	A0021519401	110525	A0051510701	112380
0111543202	113489	2661500101	114046	A0021519701	110838	A0051511001	114003
0111543502	111967	2711540802	113877	A0021519801	110838	A0051511101	111931
0111545002	111833	2711540902	113877	A0021543802	112098	A0051511301	112440
0111545602	111967	2711541402	113877	A0021544002	112098	A0051512001	114523
0111546202	113835	3661502350	113920	A0031510001	110862	A0051512101	111931
0111546402	113302	4571510301	113608	A0031510401	110524	A0051512201	111982
0111546802	113300	6401540102	114130	A0031510501	110525	A0051512601	112380
0111547002	112425	6401540202	114130	A0031510701	110368	A0051512701	110206
0111547202	113300	6401540302	114130	A0031510801	110524	A0051512801	110210
0111547802	112197	6401540402	114130	A0031511101	110368	A0051512901	112440
0111548002	114040	6401540502	114130	A0031511801	110524	A0051513401	111347
0111548202	111943	6421540202	114042	A0031511901	110869	A0051513601	111347
0111548402	112535	6421540402	114042	A0031512001	110368	A0051513801	114051
0111548602	113351	6461540102	114102	A0031512101	112249	A0051513901	113513
0111548702	113351	6461541102	114102	A0031512801	111347	A0051514001	113513
0111548902	113448	6469060000	115334	A0031512901	111065	A0051514601	111347
0111549102	113302	6519060000	114850	A0031513801	110862	A0051515001	113609
0111549302	112535	6519060026	114305	A0031514101	110206	A0051515301	111347
0121540402	113351	6519061200	114742	A0031514501	110206	A0051516401	113851
0121540502	113351	6519062300	114742	A0031515001	111851	A0051516501	113282
0121541002	113351	6519062800	114742	A0031515401	110368	A0051516601	111851
0121541102	113351	6601510101	114051	A0031515601	110537	A0051517001	114003
0121541302	114836	6601540902	114040	A0031515701	110512	A0051517301	111347
0121541402	113949	6611513501	111065	A0031515901	110537	A0051519401	111771
0121541502	112425	6611513801	114270	A0031516001	110512	A0051519701	114523
0121541702	112425	6681540102	113251	A0031516401	110206	A0051541102	110906
0121542002	113889	6681540202	113251	A0031516601	110531	A0051542902	110751
0121542202	113889	6681540302	113251	A0031517301	110525	A0051543102	110113
0121542402	112197	7161090140	112747	A0031517401	110524	A0051543202	113611
0121544302	111943	013154080280	114210	A0031518601	110524	A0051543302	111141
0121544402	111943	0001477V006	114051	A0031518701	110525	A0051543402	110895
0121544502	111967	0003188V006	112380	A0031518801	110524	A0051543502	111629
0121544602	112425	05080464AD	114663	A0031519801	111065	A0051545102	110113
0121544802	114210	A0001477V006	114051	A0031540502	112098	A0051545202	111141
0121545402	112197	A0001500550	112428	A0031541002	112098	A0051545602	111141
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0121546302	114663	A0001501650	113771	A0031544802	110113	A0051546002	111141
0121546702	113351	A0001501750	113772	A0031546102	110735	A0051546702	110358
0121546802	113351	A0001502050	112428	A0041512001	113389	A0051547402	110358
0121548902	114737	A0001502450	113771	A0041512201	110525	A0051547502	110358
0121549802	113944	A0001502550	113772	A0041513101	114319	A0051547602	110358
0131540002	113953	A0001502850	112428	A0041513501	111065	A0051547702	110358
0131540702	114663	A0001512801	110210	A0041513601	113389	A0051547802	110358
0131540802	114210	A0001513301	110537	A0041514401	111065	A0051547902	110358
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0131544202	113351	A0011516401	110775	A0041516401	111347	A0061511501	113851
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0131547802	113351	A0011519401	110525	A0041517001	111851	A0061512303	114395
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0131547902	115557	A0011519701	110210	A0041517301	110524	A0061512701	113389
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0131548202	114836	A0021510201	110206	A0041518401	114523	A0061514601	114093
0141540702	113953	A0021510701	110524	A0041518501	111931	A0061514801	114086

Cross reference list

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>MERCEDES BENZ</b> <i>Continued</i>							
A0061516401	114045	A0091543402	113920	A0111548002	114040	A6421540402	114042
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A0061516801	114086	A0091543702	112194	A0111548402	112535	A6461541102	114102
A0061516901	113851	A0091544002	111354	A0111548602	113351	A6469060000	115334
A0061517101	114003	A0091544102	111354	A0111548702	113351	A6519060000	114850
A0061517401	114093	A0091544202	111354	A0111548902	113448	A6519060026	114305
A0061517501	111629	A0091544302	112530	A0111549102	113302	A6519061200	114742
A0061519001	114045	A0091545102	111850	A0111549302	112535	A6519062300	114742
A0061541602	112098	A0091545602	111850	A0121540402	113351	A6519062800	114742
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A0061544002	112288	A0091549302	112530	A0121541702	112425	A6681540302	113251
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A0061546402	111149	A0091549902	113448	A0121542402	112197	<b>MERCURY MARINE</b>	
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A0061546702	110113	A0101540102	111883	A0121544402	111943	87828	111862
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**STARTERS & ALTERNATORS**

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Cross reference list

## STARTERS & ALTERNATORS

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A002TA0291D	112298	A002TB5391	114214	A003T21371	110318	A003TR0091ZT	113971
A002TA0291F	112298	A002TB5791ZC	112328	A003T21474	110136	A003TR5093	114845
A002TA0491	111726	A002TB6191	111384	A003T32272	110307	A004T01493	111406

## STARTERS &amp; ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
A004T01591	111427	A005T20972	110168	A005TB1291ZE	114245	A1T25087	112270
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A004T02891A	112299	A005T21077	110318	A005TG0991	114472	A1T30471	110133
A004T02891B	112299	A005T21171	110318	A007T00191	111279	A1T30474	110133
A004T03191	111406	A005T21471	110136	A007T00591	111279	A1T30477	110133
A004T03491	112772	A005T21472	110136	A007T00598	111279	A1T31374	112270
A004T03491A	112772	A005T21684	110805	A007T01991	111279	A1T31377	112270
A004T03491B	112772	A005T21871	110168	A007T02071	112492	A1T31685	112270
A004T40386	114425	A005T21984	110805	A007T02071A	112492	A1T31699	112270
A004TA0091B	112772	A005T21984B	110805	A007T02071C	112492	A1T32471	110264
A004TA0091C	112772	A005T22484	110805	A007T02077C	112492	A1T33277	112270
A004TA0091D	112772	A005T22877	110692	A007T02077A	112492	A1T33771	110385
A004TA0091E	112772	A005T23784	110805	A007T02077C	112492	A1T40191	110927
A004TA0091F	112772	A005T30171	110136	A007T02491	111279	A1T41291	110927
A004TA0591	113923	A005T30574	110692	A007T02491A	111279	A1T70783	110448
A004TA0592	112427	A005T30977	110692	A007T02491B	111279	A1TA1777	114807
A004TA8191	114303	A005T31177	110692	A007T02591	111279	A1TA2291	113403
A004TA8291	112427	A005T31372	111289	A007T03277	111495	A1TA2293	113403
A004TA8292	112427	A005T31772	111289	A007T03277A	111495	A1TA3391	113405
A004TA8491	113923	A005T31773	111289	A007T03371	112068	A1TA3391A	113405
A004TA8492	112427	A005T31774	111289	A007T03371A	112068	A1TA3391B	113405
A004TA8591	114303	A005T41592	110693	A007T03771	112069	A1TA3391C	113405
A004TF0091A	112460	A005T41592B	110693	A007T03771A	112069	A1TA3677	114807
A004TF0091B	112460	A005T41792	110693	A007T03877	113562	A2T00991	110660
A004TR5391	114407	A005T70178	111344	A007T04072	111285	A2T01384	111240
A004TR5391ZT	114407	A005T70183	111344	A007TA0171	114079	A2T01483	110806
A004TU0088	114424	A005T70270	111344	A007TA0171B	114079	A2T01493	111406
A004TU5486	113886	A005T70283	111344	A007TA1777	113562	A2T01583	110806
A005T00192	110632	A005TA0091	113035	A007TA3371	112069	A2T01683	110806
A005T00272	110168	A005TA0791AC	111279	A007TA3377	112069	A2T01686	110806
A005T01577	111342	A005TA0791ZC	111279	A0T25171	111832	A2T01783	110806
A005T01977	111342	A005TA0991	113035	A0T25271	111832	A2T02084	111240
A005T03092	110631	A005TA0991ZC	113035	A0T25371	111832	A2T02572	111372
A005T03192	110631	A005TA1091	112349	A0T25373	111832	A2T02577	111372
A005T03677	111342	A005TA1091ZC	112349	A1T01591	110927	A2T03171	111372
A005T03677A	111342	A005TA3891	113322	A1T01791	111279	A2T03177	111372
A005T03777	111342	A005TA3891A	113322	A1T02291	111578	A2T03591	110660
A005T04092	111285	A005TA3891AC	113322	A1T02292	111578	A2T03691	110660
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A005T04292ZC	111285	A005TA3891ZC	113322	A1T02674	111841	A2T04599	111337
A005T04392	110631	A005TA4391	113952	A1T02674D	111841	A2T04677	110662
A005T04392A	110631	A005TA4591	113035	A1T02871	110264	A2T05772	112297
A005T04392B	110631	A005TA4591ZC	113035	A1T02991	111279	A2T05772X	112297
A005T04492A	110631	A005TA4791	112349	A1T03191	111279	A2T05892	110664
A005T04492B	110631	A005TA5491	113035	A1T03191ZC	111279	A2T05892A	110664
A005T05091	110659	A005TA5591	112349	A1T03195	111279	A2T05892B	110664
A005T05473	111953	A005TA6191	111779	A1T03195ZC	111279	A2T05892ZC	110664
A005T05473A	111953	A005TA6191ZC	111779	A1T03476	112270	A2T05893	110664
A005T05473B	111953	A005TA6191ZE	111779	A1T04495	111279	A2T05893ZC	110664
A005T06291	111285	A005TA6291	113405	A1T04892	111578	A2T06092	110664
A005T06391	111285	A005TA6291A	113405	A1T04892ZC	111578	A2T06384	111240
A005T06391ZC	111285	A005TA6291B	113405	A1T04991	111578	A2T08577	111337
A005T06491	111285	A005TA6291C	113405	A1T11574	111042	A2T08577A	111337
A005T06491ZC	111285	A005TA6291D	113405	A1T15674	110133	A2T08577B	111337
A005T06891	111704	A005TA6291E	113405	A1T20174	110133	A2T09291	112531
A005T06891A	111704	A005TA6291F	113405	A1T20178	110133	A2T09292	110659
A005T06891B	111704	A005TA6291G	113405	A1T20271	110128	A2T09392	112531
A005T06891C	111704	A005TA6291H	113405	A1T20572	110133	A2T09493	110659
A005T06891D	111704	A005TA6291ZE	113405	A1T20573	110133	A2T09691	110666
A005T07091	111279	A005TA6292C	113250	A1T20574	110133	A2T09884	111240
A005T07091A	111279	A005TA6292F	113250	A1T20579	110133	A2T10083	110806
A005T07091ZC	111279	A005TA6292G	113250	A1T20591	110133	A2T13894	111264
A005T07591	112528	A005TA6292ZE	113250	A1T21171	110128	A2T14376	111243
A005T07592	112528	A005TA6292ZEB	113250	A1T21337	110133	A2T14472	110307
A005T07592A	112528	A005TA6391	113575	A1T21372	110133	A2T14591	111293
A005T14792	110957	A005TA6391A	113575	A1T21374	110133	A2T14592	112325
A005T15584	110318	A005TA6391B	113575	A1T21377	110133	A2T14792	110957
A005T15684	110805	A005TA6391C	113575	A1T21397	110133	A2T14792ZC	110957
A005T15784	110805	A005TA6591	113952	A1T22071	110264	A2T14876	111243
A005T15884	110805	A005TA6891	111779	A1T22074	111042	A2T16472	110318
A005T16084	110805	A005TA6891A	111779	A1T22581	110128	A2T17172	110168
A005T16384	110805	A005TA7091	113954	A1T22971	110264	A2T17783	111339
A005T20374	110168	A005TA7091ZC	113954	A1T22975	110264	A2T17872	110692
A005T20377	110134	A005TA7091ZE	113954	A1T23377	112270	A2T19991	110664
A005T20387	110134	A005TA7191ZC	113954	A1T24371	110264	A2T19991A	110664
A005T20481	110805	A005TA7599	114116	A1T24471	110128	A2T20191	110664
A005T20484	110805	A005TA7599ZC	114116	A1T24571	110264	A2T20191ZC	110664
A005T20871	110168	A005TA7792	114129	A1T25077	112270	A2T21072	110129
A005T20872	110168	A005TB0891ZE	114245	A1T25083	112270	A2T21278	110134

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>MITSUBISHI</b> <i>Continued</i>							
A2T21871	..110129	A2T48298	..110630	A2TB0191	..112067	A3T02972	..110307
A2T21872	..110129	A2T48691	..112531	A2TB0191A	..112067	A3T03099	..111747
A2T21882	..110129	A2T48791	..110666	A2TB0191B	..112067	A3T03391	..110802
A2T22871	..110168	A2T48791ZC	..110666	A2TB0491	..113439	A3T03392	..110802
A2T23271	..110318	A2T49792	..110660	A2TB0491A	..113439	A3T03392ZC	..110802
A2T23277	..110318	A2T49992	..110957	A2TB0892	..112328	A3T03393	..110802
A2T23474	..110134	A2T70571	..111344	A2TB1298	..113785	A3T03393ZC	..110802
A2T23477	..110134	A2T71583	..111344	A2TB1299	..113785	A3T03471	..110802
A2T24072	..110168	A2T72383	..112210	A2TB1491	..113360	A3T03492	..110802
A2T24172	..110168	A2T80391	..111807	A2TB1491ZC	..113360	A3T03493	..110802
A2T24272	..110168	A2T81192	..111530	A2TB2191A	..113603	A3T03493ZC	..110802
A2T24372	..110168	A2T81192ZC	..111530	A2TB2291A	..112480	A3T04177	..111337
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A2T24884	..110805	A2T81292	..111530	A2TB2491A	..111726	A3T05499	..111491
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A2T24972	..110168	A2T81391	..111530	A2TB2891ZC	..113634	A3T08183	..111238
A2T25071	..110136	A2T81499	..111872	A2TB2991	..113634	A3T08293	..111314
A2T25081	..110136	A2T81791	..111376	A2TB3091	..114214	A3T08491	..111315
A2T25171	..110136	A2T81791A	..111376	A2TB3191	..113317	A3T08491A	..111315
A2T25377	..110702	A2T82378	..112332	A2TB3191A	..113317	A3T08491C	..111315
A2T26072	..110136	A2T82491	..111726	A2TB3691	..111726	A3T08491ZC	..111315
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A2T26391	..111076	A2T82491B	..111726	A2TB3891	..113439	A3T09198	..111626
A2T26391G	..111076	A2T82899	..111594	A2TB3891KD	..113439	A3T09199	..111956
A2T26471	..110129	A2T82899A	..111594	A2TB4391	..113485	A3T09698	..111956
A2T27091	..111076	A2T82899AT	..111594	A2TB4691	..113439	A3T09699	..111956
A2T27091A	..111076	A2T82899ZT	..111594	A2TB4791	..113603	A3T11191	..111627
A2T27091C	..111076	A2T83491	..111807	A2TB4791A	..113603	A3T11278	..111587
A2T27091D	..111076	A2T83491A	..111807	A2TB4791B	..113603	A3T11278A	..111587
A2T27091E	..111076	A2TA0091	..111375	A2TB4891A	..112480	A3T11991	..111627
A2T27091F	..111076	A2TA0291	..112298	A2TB4891B	..112480	A3T12291	..111406
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A2T28091	..110660	A2TA0291D	..112298	A2TB5391	..114214	A3T14491	..112362
A2T28792	..111293	A2TA0291F	..112298	A2TB5791ZC	..112328	A3T15099	..112128
A2T32171	..111035	A2TA0491	..111726	A2TB6191	..111384	A3T21371	..110318
A2T33191	..111317	A2TA1099	..113785	A2TB6192	..111384	A3T21474	..110136
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A2T34692A	..111264	A2TA1994	..113485	A2TB7791	..112067	A3T45693	..110804
A2T34692B	..111264	A2TA1994B	..113485	A2TC0091	..114358	A3T45693ZC	..110804
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A2T35791	..111264	A2TA1994D	..113485	A2TC0982	..112457	A3T66073	..110578
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A2T35792A	..111264	A2TA2091D	..113604	A2TG0281	..115317	A3TA0491	..114432
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A2T37391ZC	..113315	A2TA2094C	..112688	A2TJ0391B	..114865	A3TA0591F	..112299
A2T37691	..112298	A2TA2094D	..112688	A2TJ0391C	..114865	A3TA0791	..111806
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A2T38491	..111375	A2TA2871A	..113310	A2TN0399	..111872	A3TA1191A	..112362
A2T38676	..111587	A2TA3491	..111375	A2TN0499	..111872	A3TA2391	..114432
A2T38891	..111375	A2TA3791	..111529	A2TN0499AT	..111594	A3TA2391A	..114432
A2T38892	..111375	A2TA3991	..111807	A2TN0499ZT	..111872	A3TA3098	..111626
A2T38892A	..111375	A2TA4091	..111726	A2TN1199	..112128	A3TA3098A	..111626
A2T39391	..111807	A2TA4091A	..111726	A2TN1199A	..112128	A3TA4191	..113027
A2T39391A	..111807	A2TA4092A	..111726	A2TN1199AT	..112128	A3TA4191ZC	..113027
A2T40092	..111375	A2TA4092B	..111726	A2TN1199ZT	..112128	A3TA4298	..113321
A2T40092A	..111375	A2TA4991	..112328	A2TN1299	..112065	A3TA4399	..112359
A2T40671	..110318	A2TA5391	..112328	A2TN1299ZT	..112065	A3TA4791	..112348
A2T40971	..110307	A2TA5391ZT	..112328	A2TN1583	..114018	A3TA5491	..112327
A2T40972	..110307	A2TA5392	..114357	A2TN1683	..114367	A3TA5492	..112327
A2T41371	..110318	A2TA5891	..111807	A2TN1798	..112355	A3TA5591	..112703
A2T41377	..110318	A2TA6099	..112352	A2TN1798A	..112355	A3TA5591A	..112703
A2T41791	..110660	A2TA6099A	..112352	A2TN1798AT	..112355	A3TA6491	..113503
A2T43583	..110672	A2TA6099AT	..112352	A2TN1798ZT	..112355	A3TA6491A	..113503
A2T43691	..112531	A2TA7491	..111529	A2TN2476	..111587	A3TA6581	..114489
A2T43791	..110660	A2TA7491ZC	..111529	A2TN2476A	..111587	A3TA6581A	..114489
A2T48176	..112970	A2TA8383	..114456	A2TV0981	..112457	A3TA6581ADK	..114489
A2T48176A	..112970	A2TB0091	..111384	A3T00599	..111491	A3TA6581AKD	..114489
A2T48176B	..112970	A2TB0091A	..111384	A3T02192	..110856	A3TA6581KD	..114489
A2T48292	..110630	A2TB0091B	..111384	A3T02892	..110802	A3TA7791	..112327

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
A3TA8791	114303	A5T00272	110168	A5T70283	111344	A7T03771	112069
A3TB0291	112327	A5T01577	111342	A5TA0091	113035	A7T03771A	112069
A3TB0771	113324	A5T01977	111342	A5TA0791AC	111279	A7T03877	113562
A3TB0891	113503	A5T03092	110631	A5TA0791ZC	111279	A7T04072	111285
A3TB0891A	113503	A5T03192	110631	A5TA0991	113035	A7TA0171	114079
A3TB0891B	113503	A5T03677	111342	A5TA0991ZC	113035	A7TA0171B	114079
A3TB0891C	113503	A5T03677A	111342	A5TA1091	112349	A7TA1777	114759
A3TB0991	112361	A5T03777	111342	A5TA1091ZC	112349	A7TA3371	112069
A3TB1081	114356	A5T04072	111285	A5TA3891	113322	A7TA3377	112069
A3TB1081A	114356	A5T04092	111285	A5TA3891A	113322	A8TU0091	112377
A3TB1081B	114356	A5T04292	111285	A5TA3891AC	113322	AC2025T	110133
A3TB1299	111956	A5T04292ZC	111285	A5TA3891C	113322	AC2025T5	110133
A3TB1399	111626	A5T04392	110631	A5TA3891ZC	113322	AG2020N11	110129
A3TB1999	113321	A5T04392A	110631	A5TA4291ZC	114247	AG2025A	110128
A3TB1999KD	113321	A5T04392B	110631	A5TA4391	113952	AG2030A	110128
A3TB4191	112327	A5T04492A	110631	A5TA4591	113035	AG2030T	110133
A3TB4981	114112	A5T04492B	110631	A5TA4591ZC	113035	AG2030T1	110133
A3TB6581	114111	A5T05091	110659	A5TA4791	112349	AG2035A	110128
A3TG0091	113348	A5T05473	111953	A5TA4991	113035	AG2035A2	110128
A3TG2681	114244	A5T05473A	111953	A5TA5591	112349	AG2035T	110133
A3TG2681AE	114244	A5T05473B	111953	A5TA6191	111779	AG2035T1	110133
A3TG2681ZE	114244	A5T06291	111285	A5TA6191ZC	111779	AG2035T11	110133
A3TG3391	114229	A5T06391	111285	A5TA6191ZE	111779	AG2035T2	110133
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Cross reference list

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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M002T88571	114144	M003T27681	110278	M003T41181	110256	M007T03774	110999
M002T88572	114237	M003T27685	110278	M003T41185	111452	M007T03777	110999
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M002T92071A	110389	M003T27781	110279	M003T41781	110394	M008T55073	114418
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M00332022D	111971	M003T29482	110277	M003T42781	110958	M008T60071A	113669
M00356178D	113638	M003T29681	110421	M003T42781ZC	110958	M008T60371	114169

Cross reference list

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>MITSUBISHI</b> <i>Continued</i>							
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M008T60373	114169	MOT20872	114460	MOT91082ZC	111349	M1T74087	111451
M008T60871	114445	MOT20872ZE	114460	MOT91181	113618	M1T74281	111349
M008T60872	114445	MOT21471	113897	MOT91181ZC	113618	M1T74281ZC	111349
M008T60873	114445	MOT22471	113933	MOT91182	113618	M1T74283	111349
M008T60972	114474	MOT22472	113254	MOT91182ZC	113618	M1T74283ZC	111349
M008T61671	112822	MOT30471	111552	MOT91581	113927	M1T74286ZC	111349
M008T62471	114323	MOT30475	111552	MOT92581	110182	M1T74287ZC	111349
M008T62671	114001	MOT30771	111971	MOT93581	113254	M1T74491	111333
M008T70071	111300	MOT32271	113960	MOT93582	113254	M1T74581	110394
M008T70371	111272	MOT32271ZE	113960	M1T11172	110283	M1T74583	110394
M008T70471	110947	MOT32571	114443	M1T11173	110283	M1T74583ZC	110394
M008T70471A	110947	MOT32571ZE	114443	M1T11174	110283	M1T75581	111311
M008T70971	113551	MOT32572ZE	114443	M1T30071	113931	M1T75581ZC	111311
M008T71371	113319	MOT36071	114060	M1T30072	113931	M1T75681	111451
M008T71371ZE	113319	MOT36071ZE	114060	M1T30171	114058	M1T76081	113044
M008T71471	113323	MOT45071ZT	111994	M1T30172	114058	M1T76081ZC	113044
M008T71471ZE	113323	MOT45171	114180	M1T50071	110824	M1T76082	113044
M008T71571	111272	MOT45171ZT	114180	M1T50171	111070	M1T76082ZC	113044
M008T75071	112370	MOT45271	114108	M1T50172	111070	M1T76481	112300
M008T75071A	112370	MOT45271ZT	114108	M1T50471	111557	M1T77181	111552
M008T75073	112370	MOT45275ZT	114108	M1T60081	111108	M1T77281	111312
M008T75073A	112370	MOT45371	114057	M1T60281	111485	M1T77381	110810
M008T75074	112370	MOT45371ZT	114057	M1T60285	111485	M1T77381ZC	110810
M008T75074ZT	112370	MOT46371	113932	M1T60285A	111485	M1T77481	111305
M008T75171	111272	MOT46371ZT	113932	M1T60286	111485	M1T77777	112845
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M008T76071	114232	MOT60082	112368	M1T61181	111549	M1T77781ZC	112845
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M008T76072	114232	MOT60181A	113045	M1T66081	112177	M1T78581ZC	112846
M008T76072ZE	114232	MOT60381	115525	M1T68081	113136	M1T78881	111608
M008T80071	113195	MOT60481	114696	M1T68081ZC	113136	M1T79081	111241
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M008T80071B	113195	MOT65381	114479	M1T68381	114444	M1T79482	112301
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M008T80373	114185	MOT65585	115377	M1T70481	110811	M1T79581	112300
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M009T60372	113673	MOT80281A	113139	M1T71281A	110810	M1T84181	114328
M009T60471	113672	MOT80281AC	113139	M1T71281AC	110810	M1T84181ZC	114328
M009T60671	113676	MOT80281B	113139	M1T71281B	110810	M1T84381	111349
M009T60672	113676	MOT80281ZC	113139	M1T71281ZC	110810	M1T84381ZC	111349
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M009T61474	114193	MOT80581	111971	M1T71388	111241	M1T84883ZC	113638
M009T61571	113672	MOT81181	113638	M1T71481	111562	M1T84884	113638
M009T61671	113984	MOT81281	111971	M1T71481A	111562	M1T84981	113618
M009T61971	115556	MOT81283	111971	M1T71811	110807	M1T84981ZC	113618
M009T62172	114872	MOT81284	111971	M1T71881	110810	M1T85681	112474
M009T62173	114872	MOT81681	111552	M1T71881A	110810	M1T85682	112474
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M009T64171	114872	MOT83981	111552	M1T72085A	111459	M1T85881ZC	114225
M009T64171ZT	114872	MOT84381	110182	M1T72086	111459	M1T85981	112474
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M009T65271	114086	MOT84585	113644	M1T72087	111459	M1T86481	111451
M009T66171	114086	MOT84781	111310	M1T72087A	111459	M1T86782ZC	113642
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MOT20371	113821	MOT90881	114485	M1T73382	111305	M2T13281	111251
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**STARTERS & ALTERNATORS**

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M2T23181	110279	M2T56472	111275	M2T88372ZC	114279	M3T25785	110315
M2T23685	111728	M2T56475	111275	M2T88471	114283	M3T25881	110158
M2T25481	111728	M2T57271	110809	M2T88472	114283	M3T25882	110158
M2T25772	110278	M2T57273	110809	M2T88473	114283	M3T25883	110315
M2T27781	110279	M2T57671	114439	M2T88571	114144	M3T25885	110315
M2T30381	111310	M2T57671A	114439	M2T88572	114237	M3T25981	110292
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M2T30581	111475	M2T57673A	114439	M2T88671	114059	M3T27582	110277
M2T30585	111475	M2T57673C	114439	M2T88971	113977	M3T27681	110278
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M2T32581	113141	M2T57771	111476	M2T92071	110389	M3T27686	110278
M2T33182	111475	M2T57773	111476	M2T92071A	110389	M3T27686D	110278
M2T33183	111475	M2T58381	110415	M2TS0571	113964	M3T27686H	110278
M2T33781	111310	M2T58581	113668	M2TS0575	113964	M3T27686N	110278
M2T33785	111310	M2T58681	110572	M313327D	111241	M3T27688	110278
M2T37081	110279	M2T58881	113668	M332022D	111971	M3T27781	110279
M2T40081	110315	M2T58971	112177	M356178D	113638	M3T27781D	110279
M2T41081	110315	M2T58981	111300	M3T10071	110283	M3T27881	111728
M2T41171	111303	M2T60071	110578	M3T10271	110157	M3T29481	110277
M2T41381	111310	M2T60072	110578	M3T10272	110157	M3T29482	110277
M2T41581	111475	M2T60073	110578	M3T10473	110182	M3T29681	110421
M2T41586	111475	M2T60171	111461	M3T10475	110182	M3T30281	110149
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M2T42881	113644	M2T61071	111461	M3T11172	110283	M3T30881	110808
M2T42981	110142	M2T61072	111461	M3T11174	110283	M3T30981	111005
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M2T43681	113141	M2T61371	111275	M3T12671	110157	M3T32281	110149
M2T43781	113141	M2T62271	111272	M3T12672	110157	M3T32282	110149
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M2T49281	110279	M2T66873	110576	M3T20681	110144	M3T32991	113753
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M2T49881	110158	M2T67871	110576	M3T21282	110256	M3T33182	111475
M2T50171	110280	M2T67872	110576	M3T21482	110277	M3T33183	111475
M2T50181	110280	M2T67873	110576	M3T21781	110256	M3T33281	114885
M2T50271	112178	M2T67881	110576	M3T21881	110256	M3T33282	110808
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M2T50285	112178	M2T67883	110576	M3T21882D	111452	M3T33481	110421
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M2T52071	110280	M2T84071	111912	M3T24482	110149	M3T33586	110149
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M2T52082	110280	M2T84171	113445	M3T24482H	110808	M3T33586D	110808
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M2T56181	110809	M2T87371	113445	M3T25181	110256	M3T38682	110256
M2T56182	110809	M2T87671	112103	M3T25281	110277	M3T38881	110808

Cross reference list

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>MITSUBISHI</b> <i>Continued</i>							
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M3T38881B	..110808	M3T90072	..112267	M9T50471	..114838	MD041701	..110318
M3T38881C	..110808	M3T95071	..112342	M9T60171	..113746	MD050190	..110805
M3T38882	..110808	M3T95072	..112342	M9T60371	..113673	MD050205	..110809
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M3T38882C	..110808	M3T95082	..112342	M9T60671	..113676	MD061151	..110318
M3T38883	..110808	M4T14772	..110315	M9T60672	..113676	MD061154	..110809
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M3T41781	..110394	M8T50471	..114167	M9T66171	..114086	MD091749	..110660
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M3T41885	..111310	M8T55073	..114418	M9T70173	..114003	MD095741	..110805
M3T42281	..110278	M8T55578	..114818	M9T70379	..113550	MD095865	..111461
M3T42781	..110958	M8T55579	..114818	M9T70977	..113550	MD096859	..110805
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M3T42881	..110292	M8T60071	..113669	M9T80071	..114100	MD099667	..110811
M3T43181	..111552	M8T60071A	..113669	M9T80271	..114100	MD100431	..110315
M3T43481	..110958	M8T60371	..114169	M9T80272	..114100	MD102084	..110957
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M3T44091ZT	..113040	M8T60872	..114445	M9T82171	..113827	MD103373	..110806
M3T44181	..113040	M8T60873	..114445	M9T82179	..114729	MD103564	..110806
M3T44182	..113040	M8T60971	..114474	M9T82479	..114330	MD105342	..110660
M3T44281	..111310	M8T60972	..114474	M9T82671	..114310	MD106319	..110806
M3T44481	..113325	M8T61671	..112822	M9T82672	..114310	MD106320	..110806
M3T47281	..110158	M8T62471	..114323	M9T83671	..113851	MD106332	..111240
M3T48181	..112215	M8T62471AM	..114323	M9T84771	..113851	MD106712	..111372
M3T48382	..111182	M8T62671	..114001	MCA02-0	..110142	MD107615	..110315
M3T49281	..111182	M8T70071	..111300	MCA02-2	..110142	MD108872	..111372
M3T49282	..111182	M8T70371	..111272	MD001155	..110157	MD111148	..112531
M3T49381	..110808	M8T70471	..110947	MD001333	..110158	MD111149	..112531
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M3T52071	..113194	M8T71571	..111272	MD013740	..110805	MD112625	..111241
M3T54071	..111913	M8T75071	..112370	MD013742	..110672	MD114620	..110659
M3T54072	..111913	M8T75071A	..112370	MD016920	..110479	MD115514	..110292
M3T56070	..113129	M8T75073	..112370	MD016921	..110315	MD121581	..111565
M3T56071	..113129	M8T75073A	..112370	MD017635	..111042	MD122625	..111241
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M3T56073	..113129	M8T75074ZT	..112370	MD017649	..111456	MD124234	..111240
M3T56074	..113129	M8T75171	..111272	MD021665	..110157	MD125096	..110666
M3T56075	..113129	M8T75371	..113319	MD021670	..110157	MD127087	..111243
M3T56082	..113129	M8T75971	..115330	MD021674	..110315	MD130329	..110802
M3T56084	..113129	M8T76071	..114232	MD021678	..110158	MD132130	..111243
M3T56174	..112323	M8T76071ZE	..114232	MD021685	..110158	MD133171	..110802
M3T56181	..112323	M8T76072	..114232	MD022572	..110318	MD133513	..110802
M3T56182	..112323	M8T76072ZE	..114232	MD022576	..110318	MD136838	..110802
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M3T64172	..111275	M8T80071B	..113195	MD027400	..110315	MD140189	..111339
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M3T66074	..110578	M8T80471	..114280	MD034120	..110158	MD141119	..111491
M3T67771	..114394	M8T80471A	..114280	MD034121	..110158	MD147245	..111339
M3T80571	..110865	M8T80472	..114280	MD034122	..110157	MD149750	..110804

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
MD150657	111406	MD315547	113445	ME017056	110576	MM115513	110292
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MD156986	110809	MD316001	110158	ME017085	110576	MM115517	110292
MD156987	111565	MD316418	113310	ME017089	110576	MM115518	113668
MD156989	111461	MD317119	112362	ME017509	111344	MM115519	113668
MD160671	111238	MD317401	111375	ME017550	111344	MM317600	112178
MD161437	110158	MD317860	112328	ME017560	111344	MM409410	110933
MD162836	110158	MD317862	112328	ME017561	111344	MM409411	110947
MD162837	110315	MD318086	110572	ME017562	112210	MM409413	110947
MD162838	110958	MD318458	113832	ME017614	113497	MM409414	110933
MD162839	110811	MD318460	114432	ME017615	113506	MM432804	111832
MD162840	111305	MD320354	112205	ME037150	113129	MM435081	111832
MD162842	111241	MD320618	110572	ME037330	113129	MM435752	111832
MD162964	112129	MD321445	113040	ME037465	113129	MM438844	111832
MD162975	110809	MD322925	114357	ME037636	113129	MN137866	112205
MD164975	110809	MD324754	111406	ME057200	112342	MN137867	111594
MD164976	111476	MD324755	111406	ME057350	112342	MOO1T68381	114444
MD164977	111461	MD325700	113832	ME057845	112342	MQJ1R	110144
MD164978	111565	MD327514	112128	ME057985	112342	MQJ2R	110144
MD168989	111314	MD327550	113832	ME057990	112342	MQJR	110144
MD169683	110802	MD327551	113832	ME067611	113129	MR994325	111971
MD171228	110572	MD328235	113638	ME077048	113129	MR994922	114108
MD172860	110811	MD329260	112295	ME077407	113129	MW30620657	112474
MD172861	111305	MD330800	113832	ME077790	114425	MW30638577	112471
MD172863	111241	MD331137	113445	ME077796	113669	MW31216373	112471
MD174482	111305	MD332022	111971	ME108080	114280	MWV3R	110142
MD174483	110811	MD332546	112065	ME108364	114280	MWV4R	110142
MD177596	111565	MD334176	112205	ME110JA	110149	MXR	110155
MD180238	110158	MD334546	112065	ME152487	113746	PW501783	110158
MD180239	110958	MD335227	112205	ME193061	115330		
MD180241	111305	MD335584	113325	ME193880	115330		
MD188242	111627	MD336781	112348	ME200695	111626	<b>MONARK</b>	
MD189054	110292	MD339608	114367	ME200696	111956	337004	110525
MD189658	111375	MD339609	112129	ME200698	111956	523037	110524
MD189659	111375	MD340419	112355	ME201650	112370	081042380	113351
MD190819	111376	MD343416	112327	ME201650A	112370	081164036	111851
MD191402	111375	MD343562	112328	ME201745	111626	081165106	111694
MD191433	110809	MD344182	111912	ME201837	111626	081251002	114523
MD191435	110809	MD344183	113445	ME201838	111956	081251007	113468
MD191437	111565	MD344963	111587	ME202755	111626	081251033	114523
MD192134	111587	MD348221	111912	ME202970	112370	81360038	110527
MD192136	111587	MD350608	111806	ME202971	111956	81366062	110981
MD192228	110958	MD350609	112362	ME203546	113321	81368001	111640
MD193323	111375	MD353869	113832	ME204424	112370	81368024	110524
MD194470	111627	MD354797	111375	ME204424A	112370	81380038	110527
MD197470	111406	MD354802	114461	ME204425	112370	81382305	110536
MD197475	110660	MD354804	114432	ME204425B	112370	81387004	110536
MD198164	111376	MD354806	112528	ME215097	114418	81387031	110525
MD200695	111626	MD354809	113310	MEA01-0	110283	81388004	110523
MD257744	112418	MD356104	111971	MEA01-2AR	110283	81388010	110527
MD301348	113040	MD356178	113638	MEA03-0	110157	81388020	110518
MD301348G	113040	MD357744	112418	MEA03-1	110157	81388024	110524
MD301350	113038	MD358421	112327	MEA03-2	110157	81388081	111640
MD301351	111971	MD358607	112327	MEA03-4	110157	81388309	110524
MD303481	112362	MD359972	113040	MEA07-0	110144	81388310	113468
MD304129	111872	MD360368	111971	MEA07-1	110144	81391004	112224
MD304139	110805	MD360635	112327	MEA07-11	110144	81391006	111910
MD306648	111872	MD361621	111375	MEA13-1	110155	81392006	111910
MD306649	111594	MD361624	111376	MEA13-2	110155	81392007	112581
MD306834	112128	MD362910	113638	MEA24-1	110157	81456002	110206
MD308088	111508	MD366050	111594	MEA95-0	110277	81460037	110214
MD309333	110659	MD366051	112128	MEC01-0	110277	81460046	110205
MD309334	112528	MD366052	112355	MEC01-1	110277	81466002	110206
MD309335	112528	MD368519	112328	MEC01-2	110277	81466003	110208
MD309471	111241	MD371144	114187	MEC04-2	110277	81466005	110207
MD309843	111587	MD374904	112327	MED02-0	110157	81466008	110210
MD309844	111587	MD375853	114357	MED02-1	110155	81466009	110208
MD309845	111375	MD667539	110958	MED02-2	110155	81466023	110206
MD312857	111912	ME007578	111344	MED03-1	110157	81466036	110535
MD312858	111912	ME012995	113195	MED03-2	110157	81466044	110932
MD313076	113832	ME013008	113195	MED03-3	110157	81466051	110206
MD313327	111241	ME014418	113195	MED03-4	110157	81466052	110582
MD313384	114432	ME015237	114424	MED04-2	110277	81466062	110981
MD313395	111806	ME015766	114418	MES07-1	110144	81467001	110210
MD313939	111872	ME017001	113194	MEY1R	110155	81467005	110213
MD313940	112128	ME017004	113194	ME-Y1R	110155	81467006	110213
MD313942	112128	ME017034	110576	MEY3R	110155	81467007	110532
MD314167	113445	ME017035	110576	MG120560	110386	81467023	111219
MD314235	112065	ME017036	110576	MK666919	112441	81467042	112119
						81467043	112119

Cross reference list

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>MONARK</b> <i>Continued</i>							
81467045	..110212	510-187	..110107	8SC2023Z	..113898	9AR2690P	..110769
81467053	..111231	510-249	..110077	8SC3002Y	..110175	9AR2698F	..110759
81467065	..112116	510-289	..110043	8SC3005Y	..110176	9AR2699G	..110968
81467153	..111231	510-298	..110107	91G2NA2F42	..111652	9AR2700	..111289
81468001	..110537	510-299	..110107	9AL2615	..111653	9AR2700G	..111289
81468009	..110208	510-300	..110107	9AL2696G	..110743	9AR2701	..111289
081495002	..111982	510-301	..110107	9AL2707L	..110913	9AR2703	..111289
081768131	..111886	510-315	..110107	9AL2708G	..111653	9AR2703F	..110759
081768135	..111746	510-316	..110107	9AL2834	..110735	9AR2704F	..110969
081768143	..113448	510-320	..110107	9AL3955G	..112097	9AR2705	..110968
081769014	..112345	510-347	..110112	9AL5009	..111043	9AR2705G	..110968
081769148	..113448	510-348	..110112	9AL5009F	..111043	9AR2706G	..110969
081769686	..110895	510-368	..110107	9AL5050K	..110890	9AR2707G	..111289
		510-372	..110113	9AR2501K	..110891	9AR2708G	..111653
		510-38	..110970	9AR2510	..111948	9AR2709L	..110913
		510-384	..110105	9AR2512	..111176	9AR2712P	..110127
		510-388	..110163	9AR2512P	..111176	9AR2713	..110052
		510-39	..110970	9AR2513	..111948	9AR2714	..111043
		510-397	..110116	9AR2515K	..110913	9AR2714F	..111043
		510-404	..110877	9AR2516F	..110913	9AR2715F	..112310
		510-427	..110117	9AR2517K	..110913	9AR2723P	..112112
		510-445	..110076	9AR2518F	..110913	9AR2724P	..112112
		510-453	..110877	9AR2525F	..110913	9AR2725F	..110107
		510-456	..110107	9AR2525K	..110913	9AR2726G	..110913
		510-492	..110107	9AR2526F	..110913	9AR2727G	..111653
		510-501	..110107	9AR2527K	..110913	9AR2728F	..110916
		510-54	..110968	9AR2528F	..110360	9AR2728G	..110916
		510-56	..110970	9AR2529	..110975	9AR2730P	..111071
		510-59	..110969	9AR2529F	..110975	9AR2731R	..111071
		510-803	..110127	9AR2533	..110891	9AR2732P	..112112
		510-804	..110052	9AR2533P	..110891	9AR2733P	..112112
		510-810	..112112	9AR2539	..110968	9AR2734P	..112112
		510-811	..112112	9AR2539K	..110968	9AR2735P	..112112
		510-812	..112112	9AR2545	..111289	9AR2738P	..110127
		510-813	..112112	9AR2547	..110970	9AR2740P	..110127
		510-816	..110127	9AR2547F	..110970	9AR2741P	..110127
		510-817	..110052	9AR2548	..110970	9AR2744P	..112112
		510-818	..110127	9AR2548K	..110970	9AR2745P	..112112
		510-819	..110127	9AR2549	..110970	9AR2746P	..112112
		510-821	..112110	9AR2549F	..110970	9AR2747P	..112112
		510-822	..112112	9AR2553	..111948	9AR2756F	..110360
		510-823	..113713	9AR2561K	..110968	9AR2759K	..110358
		510-824	..112112	9AR2562K	..110969	9AR2759K01	..110358
		510-825	..112112	9AR2566G	..111948	9AR2763F	..110913
		510-826	..112112	9AR2566K	..111948	9AR2764L	..110913
		510-834	..110048	9AR2569G	..110969	9AR2765	..110358
		510-842	..112112	9AR2570	..110968	9AR2775	..110127
		510-845	..111510	9AR2570G	..110968	9AR2775F	..110127
		510-847	..110916	9AR2588K	..110911	9AR2779L	..111652
		510-859	..112112	9AR2596K	..110911	9AR2780K	..110911
		510-860	..111510	9AR2602F	..110759	9AR2784K	..110358
		510-864	..111510	9AR2603	..110179	9AR2785	..110358
		8AL2040FS	..110408	9AR2603F	..110179	9AR2786K	..111948
		8AR65N12	..110371	9AR2603G	..110179	9AR2792	..111653
		8EA2002F	..110408	9AR2604L	..110891	9AR2792G	..111653
		8EA2004F	..110408	9AR2611F	..110759	9AR2803F	..110969
		8EA2011N	..110408	9AR2612G	..110759	9AR2826K	..111948
		8EA2016F	..110408	9AR2613F	..110759	9AR2830L	..110913
		8EB2002F	..110408	9AR2620	..111289	9AR2831P	..112112
		8EB2003F	..110408	9AR2621L	..110911	9AR2835	..110360
		8EK2003FC	..110487	9AR2627	..110759	9AR2835G	..110360
		8EK2003FD	..110487	9AR2629	..111289	9AR2838L	..111652
		8EK2004DE	..110487	9AR2630K	..111362	9AR2839G	..111653
		8EK2005NC	..110488	9AR2636G	..110913	9AR2841	..110968
		8EK2005ND	..110488	9AR2638P	..110911	9AR2843G	..111289
		8EK2006FC	..110487	9AR2650	..111289	9AR2845	..110358
		8EK2007NC	..110488	9AR2650D	..110968	9AR2846	..110358
		8EK2008FC	..110487	9AR2651D	..110969	9AR2846K	..110358
		8EK2011FA	..110487	9AR2652F	..111289	9AR2851	..111948
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		8EK2011FC	..110487	9AR2654G	..110968	9AR2852	..111948
		8EK2012NB	..110488	9AR2655G	..110969	9AR2852K	..111948
		8HA2008	..110177	9AR2663K	..110769	9AR2853	..111948
		8LHA2012NO	..110173	9AR2672P	..110769	9AR2853K	..111948
		8LHA3025PA	..110173	9AR2676K	..111072	9AR2854P	..112112
		8MR2013L	..110371	9AR2683G	..110968	9AR2861K	..111948
		8MR2069TA	..111575	9AR2684P	..110969	9AR2862	..111948
		8MR2070TA	..111576	9AR2687F	..110916	9AR2862K	..111948
		8RA2050F	..110408	9AR2687G	..110916	9AR2872P	..111071



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9AR2874R	111071	9AR5100G	110913	110-400	110488	8EK2009FC	110487
9AR2877	110179	9AR6000	111510	110-402	111575	8EK2010NA	110488
9AR2878	110969	9AR6012	110117	110-403	111576	8EK2010NB	110488
9AR2883	110360	9AR6012G	110117	110-406	110371	8EK2010NC	110488
9AR2883G	110360	9AR6015K	110766	110-415	110408	8EM2001FAS	110408
9AR2884L	110913	9AR6025K	110076	110-431	114347	8EM2002F	110408
9AR2887	110107	9BE2KA2A	110913	110-440	110173	8EM2002FA	110408
9AR2888	110107	9BE2NB2A	110913	110-446	110173	8EM2003K	110959
9AR2895	110759	9FB2KB2A	111652	110-459	112294	8EM2003KA	110959
9AR2895F	110759	9FE2NB2A	111652	110-470	110408	8EM2004K	110959
9AR2896G	110360			110-487	110371	8EM2004KBS	110959
9AR2897L	110913	<b>MOTOROLA USA</b>		110-492	110408	8EM2007K	110959
9AR2904	113376	10461101	111487	110-498	110408	8EM2012	110371
9AR2904K	113376	110-054	110408	110-50	110422	8EM2012N	110371
9AR2913	110969	110-060	110422	110-504	110408	8EM2012NA	110371
9AR2915F	110178	110-066	110422	110-505	110408	8EM2012NAS	110371
9AR2916F	110178	110-112	110408	110-515	110408	8EM2012NB	110371
9AR2917G	111086	110-124	110173	110-517	110959	8EM2013N	110371
9AR2918	111185	110-128	110173	110-534	111761	8EM2013NA	110371
9AR2919P	113574	110-140	110371	110-54	110408	8EM2017K	110959
9AR2933P	111171	110-155	110408	110-542	110177	8HA2008FA	110177
9AR2944K	111948	110-158	110175	110-543	110177	8HA2009K	110177
9AR2948K	111072	110-161	110408	110-555	113739	8HA2009KA	110179
9AR2950P	110889	110-166	110422	110-556	110408	8HC3022F	113549
9AR2951	111686	110-177	110408	110-565	113898	8HC3022FS	113549
9AR2951L	111686	110-181	110937	110-567	111761	8HC3025F	113549
9AR2958	112112	110-183	110175	110-568	114348	8LHA2070V	113739
9AR2960F	110968	110-184	110176	110-569	110176	8LHA2070VA	113739
9AR2963	113574	110-185	110408	110-60	110422	8LHA2070VB	113739
9AR2968	110105	110-189	110422	110-600	110488	8LHA3025P	110173
9AR2968K	110105	110-190	110422	110-602	111575	8LHA3025PA	110173
9AR2977L	110919	110-228	110937	110-603	111576	8LHA3071P	110173
9AR2978	111289	110-229	110937	110-629	110408	8LHA3073PS	110173
9AR2982	110916	110-241	110408	110-66	110422	8LHA3096U	112294
9AR2984	110877	110-244	110445	110-679	110371	8LHA3096UC	112294
9AR2984L	110877	110-250	110937	110-683	110371	8LHC2004Z	110937
9AR2995R	110916	110-252	111736	110-699	110487	8LHC2010Z	110937
9AR2998P	111156	110-254	110937	110-750	110138	8LHP2276V	114430
9AR3649G	112110	110-255	110937	110-775P	114430	8MA2010PA	110170
9AR3711	112110	110-258	110176	110-96	110422	8MA2014P	110170
9AR3711G01	112110	110-258A	110176	110-98	110422	8MA2014PA	110170
9AR3713G	110052	110-261	110408	8AL2019F	110408	8MA2015T	113548
9AR3739G	110052	110-262	110408	8AL2051F	110408	8MA2015TA	113548
9AR3743G	112110	110-268	110937	8AL2065K	110138	8MR2033T	111736
9AR3790G	112110	110-269	110408	8AL2106FA	110408	8MR2039K	110959
9AR3806G	110163	110-273	110408	8AR2018L	110371	8MR2049KA	110959
9AR3855G	111510	110-276	110173	8AR2022F	110408	8MR2051F	110408
9AR3868G	110043	110-285	113549	8AR2024F	110408	8MR2051FA	110408
9AR3921G	110112	110-288	110408	8AR2026F	110408	8MR2051FAS	110408
9AR3927G	110113	110-289	110408	8AR2033F	110408	8MR2069T	111575
9AR3947G	112110	110-292	110959	8AR2037F	110408	8MR2070T	111576
9AR3952	112097	110-293	110959	8AR2041F	110408	8MR2091KSS	110959
9AR3952G	112097	110-294	110959	8AR2060F	110408	8MR2129L	110371
9AR3959G	111510	110-296	110173	8AR2066F	110408	8MR2175F	110487
9AR3961	110163	110-297	110173	8AR2066FA	110498	8MR2185L	110488
9AR3971G	112110	110-298	110175	8AR2069F	110408	8MR2401U	111761
9AR3987G	110116	110-302	110175	8AR2073F	110408	8MR2401UA	111761
9AR5006G	111180	110-303	110177	8AR2073FS	110408	8SA2017R	110937
9AR5019	110179	110-304	110177	8AR2169F	110408	8SA2022R	110937
9AR5021G	111086	110-316	110175	8EA2018NA	110371	8SA3005P	110173
9AR5022	111289	110-324	110408	8EA2026FA	110408	8SA3006P	110173
9AR5022G	111289	110-329	110408	8EA65N12	110371	8SA3065P	110173
9AR5028K	110358	110-330	110408	8EB2001F	110408	8SC2007ZR	110937
9AR5028K02	110358	110-331	110408	8EK2003FA	110487	8SC2010Z	110937
9AR5030L	110919	110-333	110408	8EK2003FB	110487	8SC2282VG	113898
9AR5037L	110877	110-335	110408	8EK2004DA	110487	8SC3002U	110175
9AR5040K	111948	110-336	110408	8EK2004DB	110487	8SC3003U	110175
9AR5045L	110913	110-337	110408	8EK2004DC	110487	8SC3005V	110176
9AR5046G	110767	110-342	110408	8EK2005NA	110488	8SC3009Z	110176
9AR5048	110916	110-343	110408	8EK2005NB	110488	8SC3009ZA	110176
9AR5049K	110350	110-354	110959	8EK2006FA	110487	8SC3011U	110175
9AR5055P	112162	110-355	110959	8EK2006FB	110487	8SC3014U	110176
9AR5060	110968	110-379	110371	8EK2007NA	110488	8SC3015U	110175
9AR5062K	111075	110-380	110408	8EK2007NB	110488	8SC3019U	110175
9AR5070K	111948	110-383	110371	8EK2007ND	110488	8SC3029Z	110176
9AR5083G	110107	110-385	110371	8EK2008FA	110487	8SC3068V	114347
9AR5088L	110919	110-386	110959	8EK2008FB	110487	8SC3068VC	114347
9AR5092K	111289	110-389	110959	8EK2009FA	110487	8SC3110V	114348
9AR5099L	110919	110-399	110487	8EK2009FB	110487	8SC3110VC	114348

## STARTERS & ALTERNATORS



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
23099-R8110	110702	23100-0E717	110631	23100-54A01	111692	23100-A4800	110128
23099-R8111	110567	23100-0F000	112086	23100-54A02	111692	23100-A5500	110128
23099-R8700	110694	23100-0L700	111381	23100-54A03	111692	23100-A5501	110128
23099-R8701	110702	23100-0L701	111381	23100-54B61	111280	23100-A5502	110128
23099-R9109	110694	23100-0M003	111704	23100-54B62	111280	23100-AD210	114489
23100-0026R	114721	23100-0M005	111704	23100-54G01	110700	23100-AD284	114489
23100-0027R	114463	23100-0M006	111704	23100-56A10	110693	23100-AM610	112069
23100-00Q0A	112471	23100-0M007	111704	23100-56A11	110693	23100-AN000	113697
23100-00Q0B	113248	23100-0M008	111704	23100-56C00	111692	23100-AP000	113697
23100-00Q0H	114700	23100-0M009	111704	23100-56C01	111692	23100-AU000	113439
23100-00Q0J	114509	23100-0M010	111704	23100-57J01	111294	23100-AU400	113316
23100-00Q0K	113245	23100-0M012	111704	23100-57J02	111294	23100-AU40A	113316
23100-00Q0M	114354	23100-0M800	111726	23100-57J03	111294	23100-AU40D	113316
23100-00Q1A	113248	23100-0M810	111726	23100-57J04	111294	23100-AU420	113316
23100-00Q1C	113403	23100-0M811	111726	23100-5C301	113309	23100-AU42A	113316
23100-00Q1D	113403	23100-0M901	111294	23100-5C310	113309	23100-AX600	114877
23100-00Q1J	113403	23100-QQ02H	112457	23100-5M000	113372	23100-AX62B	114293
23100-00Q2J	114354	23100-0S300	113197	23100-5M310	113324	23100-B9800	110264
23100-00QAL	113403	23100-0U060	111280	23100-5V410	113439	23100-B9801	110264
23100-00QA1	112457	23100-0W000	113374	23100-5Y700	111381	23100-B9802	110264
23100-00QA5	114122	23100-0W001	113375	23100-64J00	111264	23100-B9805	110264
23100-00QA9	112457	23100-0W002	113375	23100-64J02	111264	23100-B9810	110264
23100-00QAB	113940	23100-0W003	113375	23100-64J03	111264	23100-BN300	113440
23100-00QAC	112199	23100-0W004	113374	23100-64J04	111264	23100-BN305	113440
23100-00QAJ	113245	23100-10B10	110168	23100-64J05	111264	23100-BN700	112457
23100-00QAK	112471	23100-10G03	110707	23100-64J10	111264	23100-BU00A	113317
23100-00QAL	113248	23100-10S00	111280	23100-64J11	111264	23100-BU010	113439
23100-00QAM	112471	23100-11T10	110701	23100-64J12	111264	23100-BU015	113317
23100-00QAN	113837	23100-11T13	110701	23100-64J13	111264	23100-BU500	113439
23100-00QAP	113245	23100-11T15	114370	23100-64J15	111264	23100-C8604	111614
23100-00QAU	114673	23100-12G01	111266	23100-64J16	111264	23100-CN100	111381
23100-00QBA	113940	23100-12G02	111266	23100-69T02	112330	23100-D0800	110307
23100-00QBB	113945	23100-20W01	110307	23100-69T03	112330	23100-D0810	110307
23100-00QBE	112471	23100-22J10	111747	23100-69T04	112330	23100-D4400	110630
23100-00QBF	113245	23100-27G00	110168	23100-69T05	112330	23100-D4405	110630
23100-00QOB	113248	23100-27G10	110168	23100-69T10	112394	23100-D4410	110630
23100-01400	113373	23100-2J010	111726	23100-69T15	112330	23100-D4415	110630
23100-01B00	110264	23100-2J011	111726	23100-69T20	112394	23100-D9704	112087
23100-01B05	110264	23100-2J600	112351	23100-6J111	113439	23100-D9709	111812
23100-01B10	110264	23100-2J601	112351	23100-6J112	113439	23100-D9710	111812
23100-01B15	110264	23100-2Y000	111381	23100-70N00	111294	23100-D9711	112087
23100-01N03	110307	23100-2Y005	111381	23100-70N01	111294	23100-D9712	112087
23100-01N06	110307	23100-2Y006	111381	23100-71J00	111361	23100-D9713	112087
23100-01N16	110307	23100-2Y900	111381	23100-71J10	111361	23100-DB000	113993
23100-02N12	110701	23100-30R60	111264	23100-72J00	111268	23100-DB00A	113993
23100-02N13	111316	23100-31U00	111381	23100-72J10	111268	23100-DC000	115317
23100-02N14	112093	23100-31U01	111381	23100-77A00	110632	23100-EB310	114244
23100-02N15	112093	23100-35500	113197	23100-77A10	110632	23100-EB315	114803
23100-02N16	110701	23100-37M00	110307	23100-77P00	111266	23100-EB31B	114803
23100-02N17	111316	23100-3831R	113862	23100-7C000	113786	23100-FF110	112069
23100-02N18	112093	23100-3M200	113371	23100-7C001	113786	23100-FU410	112068
23100-02N19	112093	23100-3S500	113197	23100-7F000	111980	23100-G9903	112329
23100-02N20	110701	23100-3W400	113420	23100-7F001	111980	23100-G9904	112207
23100-02N21	111316	23100-43G04	110700	23100-7F700	112351	23100-H0299	110129
23100-02N22	112093	23100-43G05	111316	23100-7F701	112351	23100-H0300	110129
23100-02N23	112093	23100-43G06	110700	23100-7T400	113383	23100-H0310	110128
23100-03B00	110264	23100-43G07	111316	23100-7T402	113383	23100-H5810	110129
23100-04M00	110307	23100-43G08	110700	23100-7T403	113383	23100-H5811	110129
23100-04M10	110307	23100-43G09	111316	23100-80W00	112967	23100-H6200	110129
23100-05B10	110168	23100-46512	110129	23100-84W00	112967	23100-H6201	110129
23100-05P00	112970	23100-47N70	111953	23100-86A00	111704	23100-H6202	110129
23100-05P01	112970	23100-47R10	111264	23100-86R00	111704	23100-H6203	110129
23100-05P03	112970	23100-47R11	111264	23100-88G00	111266	23100-H6204	110129
23100-05P11	112970	23100-4B400	111726	23100-8E100	113788	23100-H6206	110129
23100-05P12	112970	23100-4M510	113317	23100-90060	110128	23100-H6210	110129
23100-05P13	112970	23100-4M610	111726	23100-90074	112477	23100-H6211	110129
23100-06T10	110264	23100-4M611	113439	23100-91004	110128	23100-H6212	110129
23100-0C000	111955	23100-4M800	113419	23100-91109	112270	23100-H6213	110129
23100-0C001	111955	23100-50K10	112068	23100-92G01	110700	23100-H6214	110129
23100-0C401	112659	23100-50K15	112069	23100-9C600	111812	23100-H6215	110129
23100-0E400	111294	23100-50Y05	110631	23100-9E000	113373	23100-H7204	110129
23100-0E402	111294	23100-50Y06	110631	23100-9F510	111726	23100-H7700	110168
23100-0E700	110631	23100-50Y08	110631	23100-9F511	113439	23100-H7701	110168
23100-0E705	110631	23100-50Y09	110631	23100-9Y500	111381	23100-H7702	110168
23100-0E706	110631	23100-50Y18	110631	23100-9Z000	113197	23100-H7703	110168
23100-0E711	110631	23100-50Y19	110631	23100-A4600	110128	23100-H7710	110168
23100-0E712	110631	23100-53A00	110693	23100-A4601	110128	23100-H7711	110168
23100-0E715	110631	23100-53A10	110693	23100-A4602	110128	23100-JD200	115340
23100-0E716	110631	23100-53A11	110693	23100-A4611	110128	23100-M0400	110128

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>NISSAN</b> <i>Continued</i>							
23100-M0401	110128	23100-V0107	110458	23300-18000	110142	23300-47501	110280
23100-M0402	110128	23100-V2800	110307	23300-18005	110142	23300-47502	110280
23100-M0403	110128	23100-V2810	110307	23300-18015	110142	23300-47510	110280
23100-M0410	110128	23100-VB310	112359	23300-18016	110142	23300-47511	110280
23100-M0412	110128	23100-VB311	112359	23300-18V10	110278	23300-47601	110156
23100-M0413	110128	23100-VC100	113787	23300-1F700	115522	23300-48301	110156
23100-M0414	110128	23100-VC10A	113787	23300-1F710	114199	23300-4E210	111608
23100-M5960	110168	23100-VC10B	113787	23300-1F760	115522	23300-50Y00	111459
23100-M6600	110168	23100-VS40C	113787	23300-1F770	114199	23300-50Y01	111459
23100-M6601	110168	23100-W1608	110307	23300-1F771	114199	23300-50Y02	111303
23100-M6610	110168	23100-W1615	110307	23300-1F772	114199	23300-50Y10	111459
23100-N3302	110129	23100-W1701	110702	23300-1F77A	114199	23300-50Y11	111459
23100-N9500	110168	23100-W1702	110702	23300-1F77B	114199	23300-50Y12	111303
23100-N9502	110168	23100-W1710	110702	23300-1F77C	114199	23300-50Y14	111303
23100-N9510	110168	23100-W1805	110458	23300-1M211	113139	23300-52F00	111549
23100-N9511	110168	23100-W3400	110702	23300-1M212	113139	23300-52F01	111549
23100-N9512	110168	23100-W5800	110168	23300-1M215	111312	23300-52F05	111549
23100-P0100	110129	23100-W5801	110168	23300-1M216	111312	23300-52F10	111549
23100-P0101	110129	23100-W5802	110168	23300-1S710	112368	23300-52H00	111586
23100-P0102	110129	23100-W5803	110168	23300-1S711	112368	23300-53J11	111608
23100-P0103	110129	23100-W5805	110168	23300-1S770	112368	23300-53J12	111608
23100-P0110	110129	23100-W5806	110168	23300-1S771	112368	23300-53Y00	111303
23100-P0111	110129	23100-W5807	110168	23300-1S772	112368	23300-53Y01	111303
23100-P0112	110129	23100-W5807L	110168	23300-1S900	112365	23300-54A00	110575
23100-P0113	110129	23100-W5807R	110168	23300-1W400	110574	23300-54A01	110575
23100-P1811	110129	23100-W5810	110168	23300-1W40A	110574	23300-54A05	110575
23100-P3013	110307	23100-W5811	110168	23300-20H12	110415	23300-54A06	110575
23100-P4503	110129	23100-W5816	110168	23300-20P00	111452	23300-54T00	112365
23100-P4512	110129	23100-W5817	110307	23300-20P05	111452	23300-60S10	111452
23100-Q4501	110168	23100-W7015	110168	23300-21000	110144	23300-62C10	111312
23100-Q4511	110168	23100-W7100	110168	23300-21005	110144	23300-63J10	111608
23100-Q4600	110307	23100-W7101	110168	23300-21006	110144	23300-63J11	111608
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23100-Q4610	110307	23100-W7111	110168	23300-21008	110144	23300-65F05	111549
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23100-R9011	110168	23300-00Q0B	112475	23300-21017	110144	23300-6K200	110574
23100-S6000	110129	23300-00Q0C	112475	23300-21800	110386	23300-6T000	110574
23100-S6901	110129	23300-00Q0D	114074	23300-25504	110616	23300-6T001	110574
23100-S6902	110129	23300-00Q0F	113897	23300-2W200	114032	23300-6T00A	112365
23100-S6910	110129	23300-00Q1H	113897	23300-2Y900	111382	23300-70J00	111303
23100-U0100	110128	23300-00QA0	113897	23300-30F10	111562	23300-70J01	111303
23100-U0101	110128	23300-00QAC	112474	23300-30F11	111562	23300-70J02	111303
23100-U0102	110128	23300-00QAF	112475	23300-30S30	113644	23300-70J03	111303
23100-U0103	110128	23300-00QAH	114814	23300-30S60	113644	23300-70J10	111608
23100-U0104	110128	23300-00QAL	111251	23300-31U00	111382	23300-70J11	111608
23100-U0110	110128	23300-00QAM	111641	23300-31U01	111382	23300-70J12	111608
23100-U0111	110128	23300-00QAV	112475	23300-31U02	111382	23300-70Y00	111312
23100-U0112	110128	23300-00QAW	113927	23300-31W00	110386	23300-70Y01	111312
23100-U0113	110128	23300-00QAY	114095	23300-31W01	110386	23300-70Y10	111312
23100-U0114	110128	23300-00QAZ	113927	23300-31W02	110386	23300-73C00	111312
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23100-U5802	110129	23300-09601	110156	23300-37500	110386	23300-73Y01	111303
23100-U5803	110129	23300-0B711	113136	23300-37502	110386	23300-73Y10	111303
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23100-U5812	110129	23300-0M200	111459	23300-37504	110386	23300-74Y10	111312
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23100-U7511	110129	23300-0M30A	111459	23300-37508	110386	23300-7C625	114318
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23100-U9501	110168	23300-0W011	113045	23300-40500	110277	23300-80100	110144
23100-U9502	110168	23300-0Y000	111445	23300-40501	110277	23300-80200	110279
23100-U9503	110168	23300-0Y001	111445	23300-40510	110277	23300-80F00	111549
23100-U9510	110168	23300-0Y005	111445	23300-40511	110277	23300-80G00	110574
23100-U9511	110168	23300-0Y006	111445	23300-40512	110277	23300-80G01	110574
23100-U9512	110168	23300-10605	110332	23300-40513	110277	23300-80G10	111485
23100-U9513	110168	23300-10615	110332	23300-40700	110277	23300-80W00	110277
23100-U9601	110307	23300-10G02	110719	23300-40710	110277	23300-81N00	111459
23100-U9602	110307	23300-10T01	110574	23300-41B15	110279	23300-81N01	111459
23100-U9610	110307	23300-10T02	111805	23300-41B70	113644	23300-81N10	111459
23100-U9612	110307	23300-15800	110155	23300-41B71	113644	23300-81N11	111459
23100-V0101	110458	23300-15805	110155	23300-45N50	110574	23300-8310	111728
23100-V0102	110458	23300-15810	110155	23300-45N51	110574	23300-83W00	110719
23100-V0106	110458	23300-15815	110155	23300-47500	110280	23300-84A07	111459

## STARTERS & ALTERNATORS

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23300-84A18	111459	23300-EN20A	115341	23300-T9000	113210	31A66-00102	110947
23300-85E00	111023	23300-EN20B	115341	23300-T9005	113210	33100-51H00	113418
23300-85E01	111023	23300-FU410	114479	23300-T9007	113210	34466-03200	111275
23300-86G10	111485	23300-G2403	111805	23300-T9009	113210	34466-15101	111913
23300-86G11	111485	23300-G2404	111805	23300-T9010	113210	34466-15102	111913
23300-86G12	111485	23300-G2405	111805	23300-U0100	110144	34466-15202	111275
23300-88G00	111763	23300-G2406	111805	23300-U0101	110144	34466-20102	111913
23300-88G01	111763	23300-GS20A	114479	23300-U0102	110144	34466-20201	111275
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23300-8H30A	114763	23300-H0100	110142	23300-U0111	110144	34468-28200	112270
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23300-8H80A	113323	23300-H3900	110142	23300-U0113	110144	34766-20900	112323
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23300-8J001	114329	23300-H5001	110142	23300-U7501	110280		
23300-90060	110616	23300-H5002	110142	23300-U7502	110280	<b>OMC</b>	
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23300-97104	114422	23300-H5012	110142	23300-V0605	110386	379091	111043
23300-99B00	110279	23300-H5013	110142	23300-V0606	110386	379818	111043
23300-99B10	113644	23300-H5014	110142	23300-V0607	110386	380139	111043
23300-9C600	114318	23300-H5015	110142	23300-V4171	110865	380238	111043
23300-9F600	113267	23300-H6900	110142	23300-V4361	111010	380239	111043
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23300-9F661	113267	23300-H6902	110142	23300-V7200	111445	381864	111043
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23300-9F66A	113267	23300-H6904	110142	23300-V8200	110279	382220	111863
23300-9F66B	113267	23300-H7301	110142	23300-VB300	111445	383691	110240
23300-9F6RB	113267	23300-H7302	110142	23300-VB3C0	111445	384163	110647
23300-A3200	110155	23300-H9101	110280	23300-VC101	114764	385401	111043
23300-AU600	113323	23300-H9112	110280	23300-VC10B	114764	385529	110644
23300-AU601	113323	23300-JG70A	114074	23300-VK500	113964	386465	110644
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23300-B03G0	110279	23300-L2911	110256	23300-W0403	110277	387277	111864
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23300-B5001	110332	23300-L6600	110616	23300-W0412	110277	389380	110644
23300-B5002	110332	23300-M8000	110279	23300-W0413	110277	389954	110644
23300-B5010	110332	23300-M8001	110279	23300-W0415	110277	391264	111864
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23300-BC400	113897	23300-M8011	110279	23300-W7001	110280	391554	110644
23300-BC40B	113897	23300-M8110	111728	23300-W9810	111108	391735	110240
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23300-BN700	113927	23300-M8201	110279	23300-Y0500	110277	393988	110644
23300-BN701	113927	23300-M8202	110279	23300-Y0501	110277	394176	111864
23300-BN70A	113927	23300-M8210	110279	23300-Y0510	110277	395207	110645
23300-C0600	110617	23300-M8211	110279	23300-Y0511	110277	396235	112145
23300-C8601	111558	23300-M8212	110279	23300-Y0512	110277	396313	111864
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23300-D0110	110278	23300-N5900	110280	23300-Y0700	110277	432925	112157
23300-D0111	110278	23300-N5901	110280	23300-Y0701	110277	434795	111864
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23300-D0212	110278	23300-N5911	110280	23300-Y0713	110277	583473	112156
23300-D0213	110278	23300-O4000	110256	23300-Y0714	110277	583482	110647
23300-D0214	110278	23300-OM301	111459	23300-Y0715	110277	584799	112145
23300-D1700	110278	23300-OM302	111459	23300-Y9700	114318	585050	110240
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23300-D9701	114318	23300-P0614	110256	23300-Z5005	110616	585056	110647
23300-D9702	114318	23300-P1114	110256	23300-Z5504	110616	585057	110644
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23300-DB00A	114032	23300-P5111	110155	23300-Z5507	110616	585059	112156
23300-E3000	110277	23300-P5112	110256	23300-Z5508	110616	585061	111043
23300-E3001	110277	23300-P5113	110256	23300-Z5509	110616	585062	110645
23300-E3010	110277	23300-P5114	111452	23300-Z5514	110616	585063	110647
23300-E3011	110277	23300-R2000	110280	23300-Z5515	110616	585196	110644
23300-E3100	110277	23300-R2002	110280	23300-Z5517	110616	585197	110240
23300-E3101	110277	23300-R2010	110280	23300-Z5520	110616	586257	112157
23300-EB300	114232	23300-R9000	110256	23300-AA300	111451	586278	111043
23300-EB30A	114232	23300-S0500	110144	23300-AA40A	111552	586279	110647

Cross reference list

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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586281	110240	1202113	111056	1204070	111169	1204434	113904
586283	110644	1202115	114510	1204072	111166	1204436	114204
586286	112157	1202125	110847	1204081	111178	1204618	114121
586287	112157	1202126	111055	1204086	111166	1204654	114779
586288	110645	1202127	111123	1204087	111169	1209002	111055
586289	112145	1202128	111123	1204088	111166	1776346	111800
586411	112145	1202129	111055	1204090	112056	3493771	112056
593019	111864	1202130	110847	1204091	112056	3493814	111514
921288	112232	1202131	111127	1204092	111170	3493815	111514
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982202	112233	1202137	111123	1204107	112056	3493848	112229
983019	111864	1202140	111848	1204108	112229	4403540	112471
984456	110216	1202141	113446	1204109	111166	4404221	112475
985237	111864	1202142	111123	1204121	112229	4404331	113248
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		1202145	111848	1204123	111990	4411316	112471
		1202147	111559	1204126	112689	4411318	113245
		1202148	113674	1204128	112775	4412045	113248
		1202152	111559	1204129	111891	4414332	112474
		1202154	112083	1204130	111166	4414402	112474
		1202156	110839	1204131	112056	4415001	114032
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		1202159	111848	1204133	111467	4416485	114122
		1202161	111534	1204134	113879	4416689	114700
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		1202168	113446	1204144	111186	4417846	113248
		1202169	112459	1204146	111732	4419036	113993
		1202172	111123	1204150	111656	4419037	114032
		1202173	111123	1204151	111656	4430569	113245
		1202174	111123	1204154	111656	4430591	112471
		1202179	112431	1204157	112272	4434149	114700
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		1202217	115395	1204160	114656	4500045	112057
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		1204059	111170	1204349	112056	6202125	114341
		1204062	111187	1204424	114665	6204000	111426
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		1204067	112056	1204433	113955	6204003	112229

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6204192	111990	12785605	114468	90337037	111170	93160829	113248
6204193	111824	13108597	114658	90337043	111166	93161060	114814
6204197	114121	13117236	113904	90337044	111166	93161425	112471
6204198	114121	13117278	113720	90337045	111168	93161427	113245
6204199	113956	13117279	113722	90337046	111800	93161735	114509
6204200	113956	13117340	113955	90337047	110972	93169014	112320
6204202	114076	13117340	114801	90337048	112056	93169024	113722
6204204	112416	13117341	114204	90337074	111166	93169026	113720
6204207	113352	13129850	113352	90341777	111123	93169028	113955
6204209	112416	13153236	113904	90348290	110847	93169028	114801
6204213	114451	13156051	111990	90348291	111055	93169029	113955
6204251	113941	13156052	111824	90348292	111123	93169029	114801
6204252	114121	13156055	114076	90348696	111169	93169030	113904
6204258	114409	13197577	113720	90348697	111166	93169031	113904
6204259	114754	13197578	114451	90348698	111166	93169032	114204
6204265	114492	13222930	114492	90349207	111168	93169033	114204
6204271	115306	13222935	114409	90349208	111800	93169257	113955
6204274	114665	13222936	114754	90349210	110972	93169257	114801
6204275	114512	13229984	114668	90349328	112056	93169258	114204
6204278	114510	13229985	115306	90349835	111166	93169259	113904
6204282	114754	13229987	113352	90349850	111170	93169260	114284
6204283	114409	13229990	114202	90349851	111170	93169265	112471
6204284	112271	13229991	114510	90349852	112056	93169458	114029
6204664	113720	13229992	114088	90349853	111166	93169472	113837
9000762	111786	13256929	114451	90356665	111732	93169474	114700
9000902	114341	13256930	113720	90356897	111732	93171526	113674
9110411	113481	13256931	114754	90365665	111732	93171936	113276
9111540	112471	13256932	114409	90371766	111848	93171945	113446

Cross reference list

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>OPEL Continued</b>							
93171950	..113276	97041790	..111186	1850866	..112534	1873A015	..110442
93172075	..113352	97042325	..111467	2871161	..110482	1873A052	..110819
93174028	..112320	97043064	..111467	2871170	..110483	1873A053	..110615
93174469	..114431	97074611	..112228	2871175	..110483	1873A054	..111346
93174497	..114656	97112549	..111559	2871178	..110482	1873A055	..111346
93175799	..112271	97113118	..111186	2871180	..110483	1873A056	..110615
93175803	..111514	97113770	..111267	2871181	..110484	23737R	..111289
93175996	..113276	97117769	..111274	2871182	..110483	23962R	..111289
93176034	..113674	97117770	..111136	2871184	..110484	23963R	..110179
93176035	..113352	97121180	..113076	2871609	..111185	24123R	..111948
93176051	..113276	97133369	..111534	2871611	..110178	26283R	..110443
93176061	..111848	97133854	..111767	2871612	..110969	26294R	..111737
93176396	..113248	97134762	..112228	2871613	..110178	26295R	..110460
93176653	..114658	97134866	..111767	2871615	..110178	26358R	..110460
93177835	..111824	97136688	..112083	2871616	..110179	26410R	..110565
93178138	..113843	97146338	..111559	2871619	..110178	26414R	..111346
93178167	..113276	97147851	..112228	2871708	..110969	27432R	..110439
93178173	..112272	97150200	..111515	2873001	..111737	27533R	..112136
93179580	..114032	97150201	..111831	2873002	..110460	2871A003	..111295
93180098	..113955	97150203	..111534	2873003	..110565	2871A007	..111569
93180098	..114801	97150204	..111690	2873004	..110565	2871A101	..111184
93180102	..114204	97187655	..112228	2873006	..111346	2871A102	..111185
93180104	..113904	97189112	..112272	2873008	..110819	2871A103	..110178
93180415	..111990	97189113	..112271	2873022	..111737	2871A105	..110178
93180416	..111824	97189118	..112320	2873106	..110450	2871A107	..110178
93183432	..114076	97204326	..113563	2873108	..111024	2871A109	..111289
93183436	..112416	97210505	..111559	2873109	..110449	2871A110	..110969
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93188332	..114122	97369507	..113956	2873126	..110464	2871A123	..110969
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93190139	..114304	98031155	..114512	2873152	..110818	2871A131	..111185
93190827	..113352	98042872	..114665	2873153	..110464	2871A132	..110178
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93190829	..115306	98056439	..114121	2873155	..110450	2871A136	..110178
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93190996	..112475	AZ13256929	..114451	2873160	..110452	2871A138	..110968
93191079	..114029	R1030105	..112057	2873168	..110818	2871A139	..110612
93191541	..113248	R1040015	..111136	2873174	..110452	2871A141	..110770
93191921	..114510	R1040024	..111136	2873175	..110452	2871A142	..111364
93191922	..114088	R1040032	..111534	2873179	..110178	2871A145	..112112
93194153	..114247	R1040037	..113446	2873180	..110442	2871A147	..110770
93196800	..114032	R1530001	..112229	2873181	..110442	2871A148	..110770
93196984	..113993	R1530024	..112416	2873185	..110442	2871A149	..112238
93198179	..112471	R1530037	..112271	2873186	..110442	2871A154	..110770
93198275	..114700	R1530041	..111514	3586847	..114387	2871A156	..113763
93260364	..112689	R1530052	..111426	7523002	..110442	2871A160	..111355
93374341	..111123	R1530089	..113941	7523821	..110442	2871A161	..111368
93456401	..114074	R1530090	..114121	37701400	..110615	2871A163	..110770
93603136	..111891	R1530098	..113955	47920034	..112277	2871A165	..111289
93604828	..111123	R1530098	..114801	185046170	..110258	2871A166	..111361
93857703	..114074	R1530099	..113904	185046220	..111048	2871A167	..112698
93858918	..112474	R1530100	..114204	185046320	..113562	2871A168	..113763
93859136	..114074	R1530109	..114029	185046360	..111355	2871A301	..113763
93859444	..112475	R1540010	..112320	185046500	..113763	2871A302	..113763
93863426	..114074	R1540011	..113276	185046501	..113763	2871A303	..113763
94332586	..111274	R1540015	..113446	185046522	..113763	2871A305	..113967
94382059	..111267	R1540025	..113843	185086291	..111300	2871A308	..113763
94386328	..111136	R1540027	..112320	185086321	..110552	2871A309	..113763
94387653	..112083	R1610391	..112416	185086410	..111300	2871A310	..113967
94405044	..110697	YM13117340	..113955	185086500	..111300	2871A411	..110968
94413997	..110679	YM13117340	..114801	185086510	..111300	2871A412	..114004
94433912	..111559			185086530	..113696	2871A602	..112112
94448959	..111683	<b>PARIS ROHNE → VALEO</b>		185086540	..110315	2871A651	..111569
94449054	..111291			185086600	..112534	2871A701	..114714
94452739	..111291	<b>PERKINS</b>		185086610	..110552	2871A702	..114302
94454891	..111136	31179	..110443	1447732MI	..110615	2871A704	..114714
94471996	..111187	31196	..110442	1871A154	..110968	2871A902	..114767
94483918	..111136	31197	..110442	1871A163	..110968	2871A903	..114767
96627035	..111848	34237	..110442	1873A010	..110443	2871C105	..110891
96673046	..114235	34263	..110482	1873A012	..110439	2871C202	..113186
97034899	..113076	1388721	..113985	1873A013	..110442	2871D031	..110770

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
2871D032	110107	570525	111076	96113668	112298	9623727380	112480
2871D033	110107	570563	110993	96122596	112292	9623727780	113603
2872D002	110442	570570	110993	96262614	110584	9623727880	112480
2873303R	112091	570589	111841	96288707	111029	9623727980	113503
2873A001	110615	570590	112754	96460654	113640	9624141480	113485
2873A010	110443	570591	112162	96460654	113755	9624141580	112688
2873A012	110439	570593	112162	96463218	113640	9625382480	112053
2873A015	110442	570597	112162	97530824	110584	9625382680	114460
2873A016	110464	5802E2	111070	98490185	112681	9625382780	111070
2873A017	110439	580236	111070	98490186	111498	9626261480	111994
2873A029	111346	580285	111115	5802E5	113443	9627727180	112058
2873A030	111737	580292	111070	1475489080	112053	9628925380	110619
2873A031	111346	5426014	111100	5705E6	112298	9630080280	112703
2873A102	110443	5433495	111100	7910004942	111066	9630204580	113575
2873A103	110442	5446241	110743	7910027938	111066	9631318180	111318
2873A104	110439	5446248	110743	9150747780	110587	9631318280	113604
2873A105	110464	5473145	110743	9150747880	110587	9631318380	113485
2873A15	110442	5490308	111100	9150864480	110587	9631318480	112688
2873B052	110819	5490438	110743	9150864580	110587	9631318580	112298
2873B053	110460	5490668	110743	9150866480	110584	9631318680	112299
2873B056	110615	5491319	110743	9151095080	111076	9631318780	112772
2873B058	112277	5491448	111100	9151412580	111070	9631324980	111723
2873B059	112277	5702E3	113640	9151424580	111068	9631325080	111723
2873B061	110819	5802E3	111421	9151431280	111070	9633292480	110584
2873B071	110615	5802E4	111130	9151798380	111076	9633782580	113405
2873B072	111346	75491667	110743	9467560280	112460	9633782680	113575
2873B073	111346	75491721	110743	9467560380	112461	9634476880	112782
2873D001	110565	75491723	111100	9467560380	114798	9634561480	113404
2873D003	110443	75492566	111100	9555507680	113926	9635342080	112460
2873D004	110819	75492583	110743	9558385480	111115	9635501280	115354
2873D005	110439	91040098	111070	9600282180	110587	9635557780	113404
2873D201	111793	91510299	110769	9602174480	111841	9635772780	113603
2873D202	111793	91517980	111076	9603503580	111070	9635772880	112480
2873D304	112037	91517981	111076	9603552180	111076	9635772980	113503
2873K062	112091	91517982	111076	9605062980	110619	9636204480	113405
2873K401	113132	91536242	110584	9605219380	110584	9636204680	112469
2873K404	113654	95125288	111070	9607641280	112298	9636254180	112461
2873K405	113655	95155198	110584	9608719280	110584	9636254180	114798
2873K406	114278	95492810	110743	9609313280	110584	9636545580	112467
2873K601	115389	95494135	111071	9610205880	113443	9637075380	113404
2873K621	114387	95494137	111071	9610601580	112299	9637398980	113575
2873K624	114388	95494247	111100	9610601880	112772	9637813680	113254
2873K625	114388	95495512	111075	9611365980	112298	9638275380	113575
2873K626	114388	95495989	111071	9611366880	112298	9638275580	113405
2873K631	115389	95508644	110587	9611369580	112298	9638275680	113575
2873K632	114387	95514125	111070	9612257180	112298	9638275780	112469
2873K634	114388	95580160	110743	9612259680	112292	9638275880	113405
3181A084	113763	95580161	111100	9612259880	112230	9638275980	113575
3873K625	114388	95607229	110587	9613015980	111130	9638276180	112648
OD166001	113334	95607231	111076	9613230280	111130	9638276280	113404
TPN758	113763	95607232	111075	9613496680	112292	9638543580	113250
TPN771	113763	95607233	111066	9615519880	111130	9638543780	113246
<b>PETTER</b>		95607234	111070	9616862980	112299	9638544180	113250
282250	110483	95618728	110743	9617842880	111893	9639362380	112460
<b>PEUGEOT</b>		95619190	110916	9617842980	113485	9640623580	113755
5802E0	111129	95619191	111076	9617843180	112703	9640825280	113254
5702E1	113640	95619192	111075	9617849180	112688	9640878780	112461
5705E1	110619	95624960	111115	9617861280	111318	9640878780	114798
555711	111075	95624960	110584	9617861380	111318	9641302580	112461
555724	111076	95624961	111841	9618725080	110584	9641302580	114798
555756	111076	95632024	111841	9618946480	112703	9641398480	113405
555763	110993	95632727	112754	9618952880	112688	9641398680	113575
555782	110769	95653968	112162	9618961380	111318	9641727480	113404
555799	111071	95653974	111071	9618961480	113604	9642147380	113503
555807	111066	95656487	111130	9618961580	111318	9642879480	113250
555826	111063	95656488	111129	9618961680	113604	9642879780	113246
555836	111070	95656490	111029	9618961680	113604	9642879980	113405
555838	111070	95667742	110619	9619330280	111130	9642880080	113575
555893	111066	95667747	112292	9619333080	112299	9642880180	112469
557024	111076	95667748	114026	9619333280	112299	9642880180	112469
557082	110769	95667748	114026	9619333380	112772	9642880280	112058
557291	112162	95667749	114026	9619429380	112782	9642880380	113603
558007	111066	95667752	110584	9619916180	112703	9642880480	112480
558093	111066	95667753	110584	9620332580	112287	9643001680	114128
5702E2	113640	95667754	111130	9621191780	113485	9644103580	113640
5705E2	112782	96016744	112162	9621791480	112460	9644529680	113948
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		96035033	111130	9623727280	113603	9645907580	112461
		96054384	111070	9623727281	113603	9645907580	114798

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## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>PEUGEOT</b> <i>Continued</i>							
9645907680	..112460	57052B	..113603	5705CS	..113946	5705S1	..112772
9645907780	..112460	57052C	..112480	5705EA	..113958	5705S2	..111318
9645907880	..112460	57052D	..113503	5705EL	..113404	5705S3	..111318
9646049980	..113755	57052F	..110619	5705ER	..112461	5705S4	..111318
9646065480	..113640	57052H	..110993	5705ER	..114798	5705W4	..111318
9646068880	..113755	57052J	..111841	5705ES	..113755	5705W5	..111318
9646153680	..112058	57052K	..111076	5705EV	..113247	5705W7	..111318
9646321780	..113640	57052N	..112230	5705EW	..113755	5705W9	..113604
9646321880	..113640	57052N	..112292	5705EX	..113640	5705X0	..113604
9646476280	..113755	57052P	..113485	5705EY	..113640	5705X2	..112782
9646477580	..113755	57052Q	..111318	5705F2	..112754	5705X3	..111532
9646679980	..113254	57054C	..112681	5705F3	..112230	5705X7	..111893
9646694080	..114030	57054E	..111498	5705F3	..112292	5705X8	..111893
9646972280	..113926	57054F	..112460	5705F4	..112230	5705X9	..110619
9647157980	..113926	57054H	..113405	5705FF	..112467	5705Y0	..112782
9648111680	..114460	57054J	..113575	5705FK	..111723	5705Y1	..112230
9648242180	..113926	57054K	..112469	5705FN	..113485	5705Y1	..112292
9648644680	..110584	57054N	..112648	5705FP	..111318	5705Y2	..112230
9649448380	..115328	57054P	..113404	5705FV	..113603	5705Y9	..110916
9649611280	..113946	57054Q	..113404	5705FW	..112058	5705Z0	..111076
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9649611580	..113575	57054T	..112058	5705FY	..113503	5705AA	..112461
9649611680	..113246	57054U	..113603	5705G0	..112782	5705AA	..114798
9650358580	..113640	57054V	..113603	5705GC	..112460	5802A0	..110584
9650582080	..113948	57054W	..112480	5705GF	..112648	5802A8	..111129
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9655858280	..113946	57055B	..113575	5705GL	..113404	5802AS	..113959
9656003780	..112469	57055C	..112469	5705GN	..113405	5802AX	..115328
9656262780	..114460	57055H	..112460	5705GP	..113575	5802AZ	..113254
9656299480	..114460	57055J	..112460	5705GQ	..112469	5802C2	..110584
9656955880	..113250	57055M	..112648	5705GR	..112772	5802C9	..110584
9656956080	..113405	57055N	..112648	5705GV	..111416	5802CC	..110584
9656956380	..113575	57055P	..113404	5705GW	..111568	5802CG	..110584
9657363780	..114044	57055Q	..113404	5705GZ	..113250	5802CK	..111029
9658308780	..110584	57055R	..113404	5705H7	..112299	5802CL	..112053
9662854080	..113933	57055T	..113405	5705HC	..113755	5802CP	..111070
9662854180	..114030	57055U	..113575	5705HH	..112754	5802CR	..111994
9663528880	..113933	57055V	..112469	5705HJ	..112782	5802CS	..110587
9664016980	..113254	57055X	..112648	5705HN	..112299	5802CY	..114460
9664883080	..115328	57055Y	..113404	5705HQ	..112230	5802EF	..113926
9665577480	..113250	57055Z	..113404	5705HT	..112298	5802EG	..113933
9665577580	..113405	57056C	..113250	5705HV	..112287	5802EP	..110584
9665577780	..113575	57056E	..113246	5705HW	..111532	5802EQ	..111070
9666030280	..114707	57056M	..113404	5705HY	..112688	5802ER	..111029
9671014680	..114460	57056P	..113755	5705HZ	..112772	5802ES	..111130
9688268480	..113254	57056S	..112648	5705J0	..112230	5802ET	..113443
9688268580	..113254	57056T	..112648	5705JA	..111318	5802EV	..113960
9801667580	..113254	57056U	..113404	5705JC	..113604	5802F3	..111029
5705E7	..112299	57056V	..113404	5705JE	..111893	5802F6	..112053
5705E8	..112772	57056W	..113404	5705JN	..111841	5802FC	..113959
5802E8	..110584	57056X	..113404	5705JR	..112230	5802FG	..113254
5802E9	..111029	57056Y	..113405	5705JR	..112292	5802FP	..113254
5702A0	..112461	57056Z	..113405	5705JS	..110619	5802FR	..115400
5702A0	..114798	57057A	..113575	5705K7	..112703	5802G2	..111029
5702A1	..112461	57057C	..113575	5705KX	..113405	5802G4	..112053
5702A1	..114798	57057E	..112469	5705KY	..113575	5802H4	..113443
5702A2	..113250	57057F	..112469	5705L1	..112287	5802H5	..112053
5702A4	..113246	57057G	..113404	5705L2	..111532	5802H6	..112053
5702A6	..113755	57057H	..113404	5705L3	..112772	5802H8	..111070
5702A7	..113755	57057K	..112772	5705L6	..113485	5802J2	..111129
5702C0	..113247	57058A	..113250	5705L7	..112688	5802J3	..113443
5702C5	..113755	57058E	..113246	5705M8	..112298	5802L9	..111029
5702C6	..113755	57058G	..113755	5705M9	..112298	5802M0	..111029
5702C8	..113250	5705AC	..113755	5705N0	..112287	5802M1	..112124
5702F3	..113755	5705AF	..113247	5705N1	..112287	5802M3	..111070
5702F6	..114044	5705AL	..113755	5705N2	..111532	5802M4	..111070
5702G9	..113946	5705AP	..113250	5705N3	..111532	5802M5	..112053
5702H0	..113946	5705AR	..113640	5705N7	..112299	5802M7	..114460
5702H4	..113948	5705AS	..113640	5705NA	..113946	5802M9	..111994
57051J	..111723	5705AT	..113403	5705NE	..113755	5802N3	..110584
57051N	..112467	5705AZ	..113575	5705P7	..112772	5802P8	..110584
57051P	..112703	5705C3	..111071	5705R2	..112162	5802Q0	..111129
57051Q	..112703	5705CK	..114044	5705R5	..113485	5802Q1	..110584
57051X	..111723	5705CP	..114099	5705R6	..112688	5802Q2	..111130
57051Y	..111723	5705CQ	..112469	5705R7	..112688	5802Q3	..111029
57052A	..112058	5705CR	..114090	5705S0	..111568	5802Q7	..111994

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
5802Q9	111994	102-317	110529	103-178	110958	103-370	110576
5802R3	111994	102-322	110529	103-178A	110958	103-373	110576
5802R4	110584	102-323	110530	103-180	111108	103-374	111272
5802R5	111029	102-324	110521	103-180A	111108	103-375	112323
5802R6	110587	102-325	110520	103-182	111485	103-375A	112323
5802R8	111130	102-327	111001	103-183	110808	103-376	112342
5802S3	111070	102-330	110813	103-183A	110808	103-377	112342
5802S3	114460	103-083	110421	103-185	111310	103-383	112342
5802S8	112053	103-085	110572	103-186	110182	103-384	111300
5802V4	113451	103-088	110277	103-188	111552	103-386	113618
5802V5	114460	103-088A	110277	103-190	112846	103-388	112300
5802V6	111070	103-094	110144	103-192	110292	103-389	113638
5802W4	114460	103-094A	110144	103-194	112301	103-391	110809
5802W9	114460	103-094B	110144	103-195	110394	103-428	113819
5802X6	111641	103-098	110277	103-197	110810	103-5018	113642
5802Y3	110584	103-100	110315	103-201	112845	103-5019	113642
5802Y4	113254	103-100A	110315	103-201A	112845	103-5026	113618
5802Y5	113254	103-101	110394	103-203A	110158	103-5026A	113618
5802Y6	113254	103-101A	110394	103-204	110958	103-5053	113795
5802Y9	112026	103-102	110278	103-209	110572	103-511	113669
5802Z0	112436	103-102A	110278	103-212	110809	104-092	111766
5802Z1	112026	103-106	110279	103-215	111312	104-106	112674
5802Z3	112436	103-110	110157	103-218	111311	104-110	112296
5802Z5	113926	103-114	110158	103-224	110933	104-117	110332
5802Z6	113926	103-116	110157	103-224A	110933	104-117A	110332
5802Z7	113926	103-116B	110157	103-225	110824	104-118	110277
5802Z8	113933	103-120	110149	103-227	111349	104-118A	110277
5802Z9	113933	103-120A	110149	103-227A	111349	104-120	110144
5802AA	113933	103-120B	110149	103-227B	111349	104-120A	110144
AM532010AR	110743	103-121	110149	103-227BA	111349	104-120D	110144
AM532-010AR	110743	103-133	110158	103-233	110947	104-121	110155
V755001780	113960	103-133A	110479	103-234	110415	104-122	110142
		103-133B	110158	103-235	113668	104-122A	110142
		103-134	110315	103-242	110572	104-122B	110142
		103-135	110149	103-243	112178	104-123	110142
		103-135A	110808	103-243A	112178	104-124	110156
		103-135B	110808	103-244	110280	104-125	110249
		103-135C	110808	103-249	111182	104-126	110277
		103-135D	110808	103-250	111182	104-128	110278
		103-136	110149	103-255	111305	104-129	110279
		103-136A	110149	103-255A	111305	104-130	110277
		103-136E	110808	103-261	110279	104-132	110279
		103-137	110158	103-261A	110279	104-138	110160
		103-137A	110479	103-271	111311	104-139	110249
		103-137B	110315	103-277BA	111349	104-139A	110249
		103-137C	110315	103-278	111312	104-140	111182
		103-137D	110315	103-280	111312	104-140A	111182
		103-138	112215	103-284	112368	104-141	110485
		103-139	111310	103-286	110808	104-142	110552
		103-140	110256	103-289	111307	104-143	111459
		103-140A	110155	103-291	111970	104-143A	111459
		103-141	110256	103-295	111552	104-143D	111303
		103-142	111452	103-299	111451	104-143E	111303
		103-144	110182	103-306	111913	104-143F	111459
		103-145	110292	103-306A	111913	104-143G	111459
		103-146	110811	103-309	111273	104-147	111098
		103-146A	110811	103-321	113638	104-152	111312
		103-146B	110811	103-322	113521	104-157	111312
		103-150	110810	103-323	113020	104-159	111836
		103-152	111451	103-326	111730	104-160	110617
		103-152A	111451	103-330	112177	104-165	112008
		103-157	111005	103-331	111300	104-171	111840
		103-159	111475	103-336	111971	104-172	110160
		103-160	111586	103-339	112276	104-174	112659
		103-161	111241	103-340	112267	104-175	110719
		103-162	110394	103-341	110389	104-176	111382
		103-163	110807	103-343	110578	104-176A	111382
		103-163A	110807	103-343A	110578	104-176B	111382
		103-167	111608	103-343B	110578	104-183	110485
		103-167A	111608	103-344	110578	104-195	113661
		103-167B	111608	103-344A	110578	104-196	111274
		103-168	111459	103-345	111275	104-196A	111690
		103-168A	111303	103-346	111461	104-199	111136
		103-172	111557	103-347	110809	104-199A	111534
		103-174	110810	103-352	111300	104-200	110280
		103-176	111241	103-352A	111300	104-200A	110280
		103-176A	111241	103-352B	111703	104-200C	110280
		103-176B	111241	103-354A	113129	104-200E	110280
		103-176C	111241	103-359	110947	104-206	110573

Cross reference list

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>PIC Continued</b>							
104-209	110719	106-077	111701	108-289	111070	120-143	110838
104-223	110386	106-079	110649	108-292	111068	120-149	111855
104-224	110386	106-080	113476	108-292C	111068	120-149A	111855
104-227	110386	106-200	110635	108-294	111064	120-151	112534
104-232	110443	106-202	110634	108-304B	110793	120-152	112172
104-235	110412	106-203	112832	108-324A	112295	120-158	111069
104-236	110719	106-203A	112832	108-324B	112295	120-164	110868
104-236A	111559	106-204	110634	108-334B	110585	120-164A	110868
104-240	111023	106-205	111804	108-336A	110835	120-169	111106
104-254	110723	106-206	112242	108-336B	110835	120-171	110363
104-256	110723	106-210	113539	108-364	111909	120-171A	110363
104-263	110574	106-212	113539	108-374	110587	120-171B	110363
104-265	110485	106-301	112312	108-375B	111100	120-177A	110336
104-269	110412	106-302	112312	108-375C	111100	120-179	111053
104-272	110573	106-302A	112312	108-378	110439	120-180	110996
104-272A	110573	106-305	112313	108-393	110363	120-181	112286
104-274	110820	106-306	112564	120-032	110840	120-181A	112286
104-274C	110820	106-505	110647	120-037	110838	120-182	110865
104-276	112373	106-505A	110647	120-041	111025	120-182A	110865
104-276A	112373	106-506	112156	120-042	110869	120-183	111059
104-277	110565	106-510	112157	120-053	110337	120-183A	111059
104-281	111120	106-511	112145	120-055	111055	120-186	110868
104-291A	112374	106-512	112826	120-056	110364	120-186A	110868
104-292	113191	106-515	110648	120-057	110771	120-187	111066
104-294	110616	106-526	113017	120-058	110771	120-187A	111066
104-295	110439	106-526A	113017	120-059	110771	120-188	110771
104-297	110485	108-192A	113269	120-062	110997	120-188A	110771
104-299	112478	108-195	111398	120-064	110336	120-188B	110771
104-301	111763	108-198	110367	120-064A	110336	120-188C	110771
104-304	112986	108-198C	110866	120-064D	110336	120-188D	110771
104-309	111010	108-201A	110793	120-065	110831	120-190A	111748
104-322	111559	108-203	110367	120-065A	110831	120-190B	111059
104-331	110417	108-204	111066	120-065B	110831	120-191	112131
104-331A	110417	108-204A	111066	120-065C	110831	120-193A	111751
104-333	111706	108-205	110585	120-069	110337	120-194	111054
104-351	110723	108-205D	110585	120-070	112034	120-195	111112
104-352	111247	108-208	110367	120-081	110637	120-199	111120
104-356	113675	108-209	110367	120-084	110341	120-200	111400
105-200	110640	108-212	111063	120-087	110862	120-200A	111400
106-010	110510	108-213	110856	120-106	111054	120-202	111911
106-011	111700	108-213A	110856	120-106A	111054	120-205	111065
106-012	110654	108-213B	110856	120-106B	111054	120-206	110862
106-013	112567	108-213C	110856	120-106C	111209	120-207	111851
106-014	110647	108-213D	110856	120-107	111054	120-213	112166
106-015	110647	108-214	112295	120-107A	111054	120-218	110587
106-016	110510	108-217	111063	120-107B	111054	120-220	111120
106-019	110240	108-218	110824	120-107C	111054	120-222A	112537
106-019A	110240	108-219	110824	120-109	110997	120-230	112306
106-020	110949	108-219A	110824	120-109B	110997	120-231	112439
106-021	110241	108-223	111066	120-110	110824	120-232	111865
106-024	111701	108-224	110587	120-110A	110824	120-234	110865
106-025	110644	108-225	110835	120-110B	110824	120-236	111131
106-025A	110644	108-227	110866	120-110C	110824	120-238	111694
106-026	111043	108-227A	110866	120-111	110997	120-238A	111694
106-028	112247	108-228	111114	120-112	110368	120-238B	111694
106-030	113015	108-230	110367	120-112A	110368	120-259	111129
106-032	110634	108-234	110856	120-112E	110775	120-260	110351
106-034	111012	108-236	110439	120-115	111010	120-274	111751
106-034A	111012	108-236A	110439	120-115A	111010	120-284	111131
106-035	110636	108-237	110565	120-116	110858	120-291A	111053
106-037	110645	108-237A	110565	120-118	110864	120-301	111030
106-038	110648	108-246	111047	120-121	110364	120-301A	111030
106-039	110648	108-250	110354	120-121A	110364	120-301B	111030
106-042	110241	108-252	110584	120-123	110341	120-301C	111030
106-044	112150	108-259	111064	120-123A	110341	120-302	110867
106-047	110650	108-259D	111064	120-124A	111693	120-302A	110867
106-048	110650	108-260	111404	120-125	111061	120-302B	110867
106-051	112830	108-261	111307	120-125A	111061	120-302C	110867
106-052	112244	108-262	110856	120-126	110772	120-304	111749
106-055	112831	108-262B	110856	120-127	111052	120-307	112309
106-056	113591	108-264	111015	120-131	111052	120-310	110844
106-057	112146	108-269	111123	120-131A	111052	120-310A	110844
106-060	112568	108-270	111334	120-132	110368	120-311	111490
106-061	112568	108-272	111129	120-139	111059	120-311A	111490
106-062	112829	108-273	110587	120-141	110997	120-311B	111490
106-066	112157	108-278	113478	120-142	110869	120-312	111425
106-068	113592	108-279	111029	120-142A	110869	120-312A	111425
106-070	113594	108-282	111335	120-142B	110997	120-312B	111425
106-075	112827	108-287	112295	120-142C	110869	120-313	111456

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
120-314	111055	120-5067B	111218	120-597A	110813	140-0150A	111277
120-316	111270	120-5068	112116	120-599	111885	140-0151	112233
120-318A	110341	120-507	110536	120-599A	111885	140-0152	110216
120-318B	110847	120-5070	110461	120-6002	110536	140-0152A	111786
120-319	110842	120-5070A	110461	120-6002A	110536	140-0152D	110216
120-319A	110842	120-5072	111123	120-6002C	110529	140-0254	111277
120-320	111489	120-5075	110367	120-6004	110818	140-0254A	111277
120-321	111456	120-5078	110365	120-6005	110409	140-0256	112233
120-321A	111456	120-5079	110367	120-6007	110212	140-0257	112233
120-323	112295	120-5091	110519	120-6007A	110212	140-0257A	112233
120-327	111456	120-5091A	110519	120-6009	110512	140-0258	112233
120-330	112290	120-512	111638	120-6009A	111249	140-0258A	112233
120-330A	112290	120-512A	111638	120-6009B	111249	140-0259	112232
120-331A	111015	120-512B	111638	120-6010A	110208	140-0259A	112232
120-332	112321	120-513	110536	120-6018	112670	140-0261	112233
120-332A	112321	120-514	110525	120-6030	112034	140-0262	112232
120-335	111396	120-516	110536	120-6037	111793	140-092	110216
120-336	111396	120-518	110525	120-6039	113534	140-100	110216
120-336A	111396	120-518B	110525	120-6045	112071	140-101	110216
120-338	113613	120-518C	110525	120-6052	112132	140-102	110216
120-338A	113613	120-523	111004	120-6052A	112132	140-105	110216
120-338B	113613	120-524	110525	120-6058	110524	140-106	110216
120-339	112553	120-526	110529	120-6058A	110524	140-110	110218
120-342	111817	120-526A	110529	120-6058B	110524	140-177	111277
120-344	112125	120-527	112660	120-6059B	111636	140-178	111258
120-344A	112125	120-527A	112660	120-6059C	111636	140-183	110216
120-349	111851	120-528	110522	120-6061A	110214	140-300	110216
120-350A	111269	120-529	111004	120-6063	110443	140-301	110216
120-351	111851	120-530	110536	120-6067	110524	140-303	112897
120-353	110847	120-531	112660	120-6071A	110582	140-305	112897
120-354	110847	120-535A	110529	120-6071B	110582	140-306	112897
120-358	112818	120-536	110527	120-6072	110582	140-310	110218
120-359	112818	120-536B	110527	120-6075	110436	140-377	111258
120-359A	112818	120-536D	110527	120-6078	110368	140-381	112897
120-361	111911	120-536E	110527	120-6079	110535	140-381A	112233
120-362	111900	120-539	112135	120-6079A	110535	140-500	110414
120-362A	111900	120-539A	112135	120-6080	110812	140-501	110414
120-364	111900	120-539B	112135	120-6081	110209	140-502	112910
120-365	112455	120-543	110522	120-6081A	110209	140-502A	112910
120-365A	112459	120-548	110462	120-6082	111640	140-520	110221
120-368	111347	120-550	112041	120-6083	110213	140-522	110221
120-368A	111347	120-553	112074	120-6083A	110213	140-524	112911
120-377	113282	120-553B	112074	120-6085	110532	140-530	110221
120-385	111900	120-556A	110530	120-6085A	110532	140-531	110221
120-385A	112167	120-561	111791	120-6087	112119	140-532	110221
120-388	111848	120-561A	111791	120-6088	110205	140-532A	110221
120-390	111769	120-561B	111791	120-6088A	110207	140-536	110221
120-391	112005	120-562	112074	120-6088B	110205	140-537	111684
120-392	111909	120-565	110521	120-6089	111231	140-537A	112898
120-397	112429	120-565A	110521	120-6094	112499	140-542	111034
120-429C	111619	120-565B	110521	120-6098	110980	140-543	112912
120-433	112453	120-566	111885	120-6114	113900	140-556	111041
120-454	112295	120-567	110517	120-6123	112249	140-560	111786
120-463A	111750	120-568	111001	120-6126	111332	140-562	111034
120-473	112340	120-568A	111001	120-6126A	111332	140-562A	111034
120-476A	111029	120-568B	111001	120-6126B	111332	140-565	111127
120-485	112431	120-570	110520	120-6131	110536	140-565A	111127
120-490	112542	120-570A	110520	120-6132A	112249	140-568	110221
120-497	111755	120-571	110518	120-6153A	111070	140-570	111786
120-497A	111755	120-571A	110518	120-6276	114021	140-570A	111699
120-498	111755	120-579	111003	120-800	110999	140-571	111786
120-500	111755	120-581A	110537	120-800A	110999	140-572	112898
120-500A	111755	120-581B	110537	120-803	110347	140-572A	112898
120-501	112249	120-581C	110537	120-803A	110347	140-576	112239
120-504	111752	120-581D	110537	120-811	110209	140-577	111786
120-504A	111752	120-582	110205	120-821	110347	140-578	112240
120-504B	111752	120-582A	110533	120-831	111219	140-579	111786
120-504C	111752	120-582B	110534	120-831A	111219	140-580	112897
120-504G	111752	120-585	110512	120-833B	110538	140-580A	111699
120-505	110530	120-585A	110512	120-833C	110538	140-582	112898
120-5051	111115	120-589	110206	120-837	110539	140-584	112904
120-5053	112454	120-589A	110210	120-840	112074	140-584A	112904
120-505A	110530	120-589B	110210	130-114	110223	140-585	111699
120-5061A	110512	120-589C	110210	130-115	110223	140-586	111786
120-5061B	110512	120-590	112555	130-118	110222	140-588	112906
120-5063	110212	120-591	110531	140-0101	110241	140-589	112902
120-5063A	110212	120-591A	110531	140-0103	110241	140-590	112907
120-5067	111218	120-596	110439	140-0104	110241	140-590A	112907
120-5067A	111218	120-597	110813	140-0150	111277	140-590B	112907

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O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>PIC Continued</b>							
140-591	112907	140-854A	112268	141-392	112165	142-219	110436
140-592	112900	140-860	110590	141-400	111224	142-221	110436
140-596	112241	140-860A	110590	141-476	113827	142-222	110436
140-6008	112906	140-881	111760	141-703A	113550	142-222D	110436
140-6010	112902	140-884	112269	142-035	111000	142-225	110436
140-6010C	112902	140-891	111222	142-037	112089	142-226	110436
140-6020	112902	140-891A	111222	142-043	110999	142-226D	110436
140-6022	111786	140-902	112269	142-047	112089	142-229	112258
140-6023	112905	140-903	112652	142-075	112089	142-229A	112258
140-6023A	112905	140-906	111222	142-095	112089	142-241	110999
140-6028	112898	140-907	112653	142-101	112089	142-241A	111000
140-6034	112906	140-908	112268	142-101B	112089	142-242	111000
140-6039	112899	140-915	111221	142-101D	112089	142-244	111000
140-6040	112898	140-917	111760	142-101F	112089	142-253	110347
140-6047	111123	140-918	111760	142-101I	112089	142-257	110999
140-6048	111848	140-919	111760	142-102	112089	142-258	110999
140-6051	112546	140-920	112267	142-102B	112089	142-261	112258
140-6068	113679	140-921	110602	142-102D	112089	142-261F	110999
140-700	112007	140-922	112341	142-102F	112089	142-262	110999
140-700A	112007	140-923	112341	142-106F	112089	142-262F	110999
140-702	110216	140-924	110590	142-110	112089	142-268	110999
140-714	111260	140-925	112268	142-111	112089	142-279	110436
140-714D	111260	140-926	111041	142-115	112089	142-295	110436
140-720D	111049	140-927	110604	142-115D	112089	142-295D	110436
140-724	111190	140-932	112267	142-116	112089	142-308	112258
140-724A	111190	140-933	110590	142-121	110436	142-309	112258
140-729	111190	140-934	112253	142-121B	110436	142-309D	112258
140-730	110468	140-935	112667	142-121D	110436	142-311	112258
140-730A	110468	140-936	112668	142-121F	110436	142-311B	112258
140-731	110468	140-938	113435	142-121J	110436	142-311D	112258
140-731A	110468	140-9849	110347	142-122	110436	142-311F	112258
140-734	111190	140-9873	111000	142-122B	110436	142-313B	111000
140-737	111190	140-9882	110218	142-125	110436	142-317	110436
140-740	110506	141-204	110569	142-125H	110999	142-326	110436
140-740A	110506	141-205	111224	142-131	110436	142-332	110436
140-741	110491	141-206	110569	142-131B	110436	142-364	110436
140-741A	110491	141-209	111224	142-132	110436	142-368	112089
140-744	110506	141-211	111224	142-132B	110436	142-368H	112089
140-744A	110469	141-212	111007	142-133	110436	142-371	111000
140-745	110469	141-213	111224	142-141	111000	142-372D	110999
140-745A	110469	141-254	111007	142-141B	110999	142-392	112254
140-761	111259	141-257	111007	142-141J	111000	142-605	111000
140-761A	111259	141-267	112243	142-141K	111000	142-608	111000
140-762	111259	141-267B	110436	142-142	111000	142-612A	112089
140-771D	112897	141-269	112243	142-142B	111000	142-612B	112089
140-773	110469	141-281	111224	142-144	112089	142-618	112089
140-774A	110469	141-308	112255	142-151	111000	142-625	112089
140-801	112341	141-312	112255	142-151B	110999	142-627	110999
140-802	110604	141-312A	112255	142-152	110999	142-679	112089
140-802A	110604	141-312D	112255	142-152A	110999	142-693A	110436
140-812	112267	141-313	112255	142-153	111000	142-769	111000
140-815A	112268	141-313A	112255	142-158	111000	142-781	111000
140-822	111286	141-313C	112255	142-159	111000	142-795	110999
140-828	111041	141-313D	112255	142-161	110999	142-797	110999
140-828D	111041	141-313G	112255	142-162	110999	150-0182	110225
140-828E	111041	141-317	111021	142-162B	110999	150-034	110226
140-828G	111041	141-328	112255	142-164	112243	150-124	110227
140-831	112267	141-330	112243	142-167	112243	150-131	110226
140-834	110604	141-330B	112243	142-167A	112243	150-132	110224
140-834A	110604	141-330D	112243	142-167B	112243	150-142	110229
140-834B	110604	141-330F	112243	142-171	110999	150-148	110230
140-834C	110604	141-331	112243	142-171B	110999	150-149	110228
140-834D	110604	141-331A	112243	142-172	110999	150-151	110230
140-836	110602	141-331C	112243	142-177	110999	150-153	110225
140-839	112660	141-348E	111007	142-180	112089	150-168	110225
140-840	111221	141-350	111224	142-182	110347	150-175	112963
140-840A	111221	141-350A	111224	142-186	110347	150-184	112963
140-840B	111221	141-350D	111224	142-187	110347	150-185	112965
140-842	110472	141-351	111224	142-188	110347	150-185A	112965
140-842A	110472	141-351A	111224	142-188A	110347	150-188	112016
140-846	112268	141-351B	111224	142-190	112254	150-191	112963
140-846A	112268	141-351D	111224	142-194	110347	150-207	110509
140-849	110590	141-351E	111224	142-197	110347	150-209	110231
140-853	110590	141-353	112169	142-206B	112089	150-312	111183
140-853A	110590	141-353D	112256	142-211	112089	150-312A	111183
140-853D	110590	141-353F	112169	142-212	112089	150-314	111370
140-853E	110590	141-353J	112256	142-212H	112089	150-316	112030
140-853J	110590	141-355	112256	142-213	112089	150-316A	112030
140-854	112268	141-355E	112256	142-218	112089	150-317	111844

**STARTERS & ALTERNATORS**



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
150-317A	111844	180-319	110464	185-197	111050	190-234	110260
150-321A	112646	180-319A	110464	185-197A	111050	190-234B	113109
150-321B	112646	180-335	110459	185-199	112649	190-234C	113108
150-329	111374	180-335A	110459	185-201	111020	190-235	110411
150-329A	111374	180-335B	110459	185-202	110556	190-235A	110411
150-329B	111374	180-349	110565	185-204	110656	190-235C	110411
150-330A	111374	180-349A	110565	185-207	110556	190-237	111456
150-335	112235	180-349B	110565	185-208	110556	190-238	111386
150-337	112340	180-349C	110565	185-209	110656	190-239A	111682
150-338	112608	180-349E	110565	185-209A	110656	190-240	110713
150-351	113703	180-349F	110565	185-210	110560	190-241	111386
150-355	112821	180-352	110818	185-210A	110560	190-246	112214
150-366	112821	180-352B	110818	185-211	110580	190-265A	111679
151-351B	111224	180-353	110442	185-212	110568	190-267	110713
160-122	111835	180-358	110444	185-216	111212	190-268	112033
160-130	111043	180-359	112136	185-216A	111212	190-275	111451
160-130A	111043	180-359A	112136	185-219	111019	190-275A	111451
160-132	110644	180-360	110439	185-232	110556	190-275B	111451
160-135	110648	180-360A	110439	185-235	111212	190-276	111451
160-137	111043	180-360B	110439	185-253	110412	190-282	111464
160-138	110644	180-361	110443	185-260	111254	190-289	110934
160-139	110649	180-362	110818	185-260A	111254	190-296	110720
160-141	110240	180-363	111131	190-007	110396	190-301	110720
160-141A	110240	180-366	110438	190-011	110421	190-301B	110720
160-162	111043	180-375	113670	190-011A	110421	190-301C	110720
160-163	110636	180-383	110465	190-018	110154	190-302	110938
160-165	111043	180-383A	110465	190-022	110152	190-306	110720
160-168	110647	180-385	110438	190-022A	110152	190-307	110940
160-203	111000	180-387	111574	190-024	110152	190-309	110245
160-321A	112130	180-389	110442	190-024A	110152	190-310	110720
160-321B	112130	180-389A	110442	190-025	110152	190-311	110720
160-3321B	112130	180-389D	110442	190-032	110158	190-312	110356
160-337	112249	182-104	110536	190-103	110249	190-313	110938
160-377	112249	182-105	110521	190-112	110323	190-316	110447
160-524A	111043	182-106	110529	190-113	110421	190-316A	110447
160-535	110647	182-107	110439	190-114	110154	190-316B	110447
160-540	110645	182-110	110585	190-114A	110154	190-317	110940
160-541	110648	182-118	110518	190-114B	110152	190-318	110940
160-551	110649	182-120	112555	190-114D	110154	190-336	113629
160-552	110649	182-121	110565	190-115	110421	190-354	111442
160-556	112130	182-124	112651	190-117	110421	190-354A	111442
170-250	112667	182-134	110517	190-117A	110421	190-358	110312
170-251	112253	182-136	110367	190-122	110323	190-358A	110312
170-270	111221	182-138	110530	190-131	110149	190-359	111456
180-110	111102	182-140	110813	190-139	111310	190-361	111456
180-110A	111103	182-144	112173	190-139A	111310	190-362	111456
180-111	111102	182-146	111001	190-142	110245	190-362A	111456
180-112	110336	182-148	110522	190-143	110709	190-362B	111456
180-112A	110336	182-150	110368	190-148	110397	190-363	111492
180-118	110336	182-154	110529	190-149	110411	190-363A	111492
180-126	110831	182-158	110524	190-150	110411	190-364	111456
180-126A	110831	182-160	110529	190-152	110411	190-365	111764
180-131	110868	182-162	110525	190-153	110411	190-365A	113116
180-133	110336	182-166	111053	190-159	110708	190-374B	110720
180-159	110440	182-170	110814	190-189	113597	190-382	111552
180-173	111865	182-176	110819	190-191A	110713	190-382A	111552
180-240	111755	182-178	110530	190-193	110323	190-384	111454
180-300D	110462	182-184	110615	190-199	110473	190-385	111492
180-300H	111499	182-186	112249	190-201	113725	190-386	113402
180-301	110462	182-188	110536	190-209	110934	190-388	110356
180-302	111573	182-192	112041	190-212	110389	190-393D	112367
180-302A	111573	182-194	111755	190-214	111785	190-404	111784
180-303	110462	182-202	110813	190-216	111387	190-405	113665
180-305	110819	182-206	110462	190-218	111387	190-405B	113649
180-305B	110819	182-208	112074	190-221	110713	190-407	111550
180-306	111346	182-212	110818	190-224	110713	190-422	110485
180-306A	111346	182-224	111332	190-225	110399	190-425	111197
180-307	112660	182-234	112135	190-226A	111783	190-429	111622
180-307B	112660	182-236	110527	190-227	111546	190-432	110447
180-308	110460	182-240	111755	190-228	110399	190-437	111021
180-308C	111346	182-245	111909	190-228A	110399	190-458	113620
180-309	110565	182-246	112135	190-229	111544	190-460	111131
180-310	110565	182-248	112136	190-229B	111544	190-468	113630
180-313	110615	182-256A	110537	190-229C	111544	190-490	113681
180-313A	110615	182-260B	110523	190-229D	111544	190-493	111915
180-313B	110615	182-272	112119	190-230	110396	190-500	111683
180-313C	110615	182-278	110206	190-230A	110396	190-500A	110485
180-315	110462	182-298	112116	190-230B	110396	190-501	110573
180-316	110460	185-113	111393	190-233	111310	190-501B	110573

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>PIC Continued</b>							
190-502	110485	191-009	113540	203-303	111309	203-5035	113652
190-505	110485	191-010	111917	203-303A	111309	203-5037	112328
190-506	110486	191-011	112010	203-304	111405	203-5050	112362
190-508	111087	191-012	112011	203-308	113656	204-103	112112
190-515	110260	191-013	112010	203-314	111337	204-103A	112112
190-518	111189	191-017	111917	203-320A	110660	204-110	110128
190-524	110626	191-092	113541	203-322	110660	204-112	110129
190-528	110486	191-110	113527	203-329	110692	204-115	110168
190-531	113596	191-111	111922	203-329A	110692	204-116	110168
190-533	111928	191-117	111924	203-329B	110662	204-117	110264
190-538	111765	191-118	111927	203-331	111376	204-118	110168
190-541	112546	191-119	111921	203-334	110630	204-119	110168
190-544	113663	191-121	111926	203-334A	110630	204-120	110307
190-545	111918	191-125	111442	203-335A	112970	204-123	110168
190-548	110940	191-126	111442	203-336	110693	204-124	110107
190-548A	110940	191-127	111543	203-337	112297	204-130	110458
190-556	110246	191-127A	111543	203-340	110664	204-130A	110458
190-560	111021	191-129	110312	203-347	111578	204-134	112967
190-560A	111021	191-129A	110312	203-347C	111285	204-134A	112967
190-561	110485	191-135	111543	203-347D	111285	204-135	110128
190-568	110962	191-143	110312	203-347E	111285	204-142	112270
190-569	110485	191-152	113398	203-347F	111285	204-142A	112270
190-569A	110485	191-154	110312	203-348	110927	204-142B	112270
190-574	113696	191-160	113398	203-348A	110927	204-142C	112270
190-575	110246	191-179	113821	203-349	110659	204-142D	112270
190-578	110940	191-292	113538	203-350	110957	204-152	110129
190-581	110485	191-304	113538	203-350A	110957	204-153	110267
190-582	110485	191-343	113545	203-351	110692	204-154	110703
190-583	111021	199-112	110452	203-351B	110692	204-157	112270
190-586	110356	199-114	110566	203-355	111342	204-162	111692
190-587	110246	199-116	110449	203-355A	111342	204-163	110134
190-593	111197	199-116A	111024	203-357	110666	204-164	110107
190-6023	110447	199-119A	110454	203-359	110802	204-168	110697
190-6031	113732	200-5005	112413	203-359A	110802	204-170	110694
190-6032	110397	202-100	111035	203-360	110802	204-194	110264
190-6048	112544	202-101	110912	203-360A	110802	204-195	112270
190-6112	113828	202-102	111035	203-361	112531	204-200A	111291
190-6128	112547	202-103	110611	203-362	110659	204-200B	111291
190-6131	113550	202-108	110612	203-363	110632	204-208A	110448
190-6180	113681	202-110	112097	203-363A	110631	204-213	112375
190-757	111197	202-112	111180	203-365	111279	204-232	112477
190-774	113132	202-116	110890	203-365A	111279	204-250	111267
190-775	113725	202-117	112768	203-366	111279	204-251	110700
190-787	110944	202-120	112025	203-366A	111279	204-295	112671
190-793	112489	202-128A	111036	203-366C	111279	204-316	111381
190-796	110436	202-145	113621	203-373	110664	204-316A	111381
190-798	110961	203-102	111042	203-373A	110664	204-319	111381
190-800	110627	203-109	110318	203-376A	111726	204-327	111515
190-801A	113725	203-109A	110318	203-377	110692	204-328	111186
190-801B	113725	203-115	110134	203-379	110663	204-335	110693
190-801D	113725	203-116	110134	203-379A	110663	204-336	110630
190-801F	113725	203-119	110136	203-379B	111807	204-336A	110630
190-801H	113725	203-121	110811	203-379C	111807	204-338	112970
190801J	113725	203-124	110128	203-379D	111807	204-340	110631
190-801J	113725	203-124A	110128	203-380	110804	204-345	111264
190-804	110961	203-128	110134	203-380A	110804	204-346	111266
190-810	113428	203-129A	110318	203-383	111406	204-347	111611
190-813	110507	203-134	111495	203-383A	111406	204-352	111266
190-813E	112502	203-150	110128	203-383B	111406	204-352A	111266
190-817	110581	203-152	110264	203-392	111342	204-353A	111264
190-818	110941	203-152B	112270	203-401	111807	204-354	110631
190-820	110580	203-152R	112270	203-403	111384	204-354A	110631
190-830	110942	203-165	110129	203-404	112067	204-354B	110631
190-830A	110942	203-166	112270	203-412	112377	204-354C	110631
190-832	110490	203-167	113562	203-417	113634	204-354E	110631
190-834	112036	203-168	112069	203-420	111529	204-358	111264
190-840	113214	203-169	110168	203-421	111315	204-365	112977
190-840A	113214	203-264	111237	203-443	111806	204-369	111726
190-840B	113214	203-264A	111237	203-444	111530	204-382	112002
190-846	111224	203-266	111832	203-444A	111530	204-4016	113563
190-850	111224	203-272	110448	203-444B	111530	204-4030	111807
190-854	111224	203-286A	110692	203-445	113360	204-4034	113372
190-878	110999	203-291	113027	203-451	111787	205-204	112162
190-878A	110999	203-294	110631	203-461	111317	205-5013	113792
190-885	111000	203-295	112068	203-467	111406	205-5013A	113792
190-895	110490	203-297	111375	203-5016	112328	208-114B	110745
190-9011	111224	203-297A	111375	203-5020	111237	208-114F	110745
190-9016	111638	203-302	111309	203-5025	113027	208-114H	110745
191-000	111923	203-302A	113657	203-5033	112327	208-117	111156

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
208-117A	111156	208-590A	111477	210-336	111575	220-202	111686
208-120	110931	208-594	112687	210-339	111576	220-203	112815
208-123	111179	208-597	112529	210-343	110408	220-203A	112746
208-124A	111319	208-598	111946	210-351	110371	220-204	111149
208-129	112755	208-599	112683	210-357	112112	220-205	112774
208-132	111094	208-700	110048	210-372	110937	220-211	112812
208-134	111152	208-701	111397	210-373	110175	220-211A	112812
208-136	111658	208-701A	111397	210-375	111761	220-223	112777
208-142	111226	208-701C	111397	210-385	110408	220-224	111094
208-143B	112763	208-705	110745	210-396	110937	220-224D	112735
208-145A	111288	210-094	110408	210-398	110937	220-226	111288
208-149	111152	210-114	110408	210-400	110487	220-226A	110902
208-151	111154	210-116	110408	210-400A	110487	220-226D	112763
208-151A	110902	210-124	110408	210-401	110488	220-228	112750
208-153	112735	210-128	110177	210-407	110488	220-229	110913
208-157	111095	210-129	110177	210-408	110487	220-238	111156
208-158A	111288	210-130	110408	210-408B	110487	220-241	112693
208-159	110902	210-130A	110408	210-408C	110487	220-251	110913
208-159A	111154	210-135	110408	210-412	110487	220-256	112687
208-161	112735	210-147	110408	210-415	110408	220-261	112693
208-162	111352	210-147A	110408	210-417	110371	220-262	112806
208-163	111479	210-147B	110408	210-417A	110371	220-265	112765
208-164	111353	210-147C	110408	210-509	110173	220-272	111988
208-165	110880	210-147D	110408	211-120	110075	220-273	111353
208-166	112287	210-147E	110408	220-021	112046	220-274	111353
208-169	110916	210-147F	110408	220-074	112784	220-275B	111991
208-173A	112739	210-148	110408	220-095	110358	220-275E	112709
208-174	110920	210-148A	110408	220-101	110887	220-276	111353
208-177	111720	210-156	110170	220-102	111153	220-276A	111477
208-185	111989	210-163	110408	220-105A	112729	220-277	112806
208-186	112002	210-170	110422	220-108	110913	220-277A	112806
208-187	111078	210-172	110422	220-114	111035	220-277B	112806
208-191A	110920	210-174	110422	220-115	110887	220-279	111354
208-196A	112728	210-184	110177	220-115A	110887	220-280A	112194
208-196B	111082	210-194	110408	220-119	110877	220-281	112194
208-196C	111082	210-194A	110408	220-122	111147	220-281A	112194
208-380	113600	210-211B	111652	220-122A	111147	220-285	112557
208-385	111948	210-211C	111652	220-126	110759	220-288	112557
208-387	111940	210-212	110975	220-128	111086	220-289	112557
208-391	111948	210-214A	110877	220-132	111148	220-290	110641
208-392	111940	210-215	110913	220-134	111138	220-292	112712
208-394	111226	210-218	111652	220-134D	111138	220-294	111850
208-396	112183	210-219	111652	220-136	110759	220-295	111369
208-399	111658	210-221	110975	220-138A	111086	220-295A	112529
208-400	113477	210-223B	110913	220-140	110358	220-295B	111369
208-400A	113477	210-227	111652	220-140A	110358	220-300	112803
208-401	111397	210-229	111736	220-140B	110923	220-306	112557
208-401A	111397	210-232	110176	220-144	110899	220-310	111076
208-401B	111397	210-246	111948	220-144A	110899	220-312	111352
208-401D	110048	210-247	112112	220-146	112098	220-312A	111352
208-401E	111397	210-248	112294	220-147	110735	220-315	111479
208-402	111397	210-249	110127	220-148	110358	220-315A	111479
208-403	111397	210-257	110138	220-150	111149	220-322	112345
208-405	111355	210-259	110175	220-150A	111149	220-327	112806
208-406	111355	210-262	110175	220-157	110911	220-329	111478
208-409	111171	210-264	110175	220-159	110360	220-335	112195
208-417	112162	210-266	110175	220-159C	110360	220-343	111843
208-422	111085	210-268	110445	220-165	111096	220-344	113716
208-433	112688	210-272	110176	220-167	110919	220-344A	111216
208-436	112679	210-275	110173	220-168	111670	220-345	111888
208-445B	111075	210-277	112112	220-176	110881	220-345A	111888
208-455A	111075	210-280	110052	220-178A	112729	220-347	112159
208-474A	111072	210-281	110048	220-179	111093	220-349	110105
208-474B	111072	210-284	110769	220-179A	110923	220-350	111649
208-474C	111072	210-290	111948	220-181	111154	220-351	111649
208-486	112756	210-294	110769	220-183	112730	220-352	112742
208-501	112681	210-297	110908	220-187	110077	220-353B	112098
208-505	112782	210-300	110937	220-188	110641	220-356	110801
208-557A	111153	210-302	110937	220-188A	111662	220-357	111419
208-574	111478	210-302B	110937	220-189	112742	220-365	110591
208-575	112399	210-303	110176	220-191	110358	220-366	110882
208-576	112398	210-304	110937	220-192	111085	220-366A	110890
208-581	112193	210-308	110937	220-192A	112753	220-367	112493
208-583	112462	210-311	110937	220-192B	112810	220-368	111834
208-587	111093	210-312	110937	220-195	112777	220-369	110766
208-588	112529	210-316	110937	220-195A	112777	220-369A	110766
208-589	111354	210-317	110173	220-195B	112777	220-375	112773
208-589A	112529	210-318	110173	220-197	111157	220-377	110882
208-590	111477	210-323	110408	220-198	111149	220-378	112170

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>PIC Continued</b>							
220-380	111141	230-110	110236	240-308-9	110471	240-514962	110984
220-385	110891	230-110A	110236	240-309	110471	240-5150	110984
220-387	112736	230-111	110236	240-309-3	110471	240-515052	110984
220-389	112747	230-112	110236	240-309-9	110471	240-5155	110503
220-391	110890	230-120	110514	240-310	110471	240-5158	110503
220-391A	110890	230-125	110514	240-311-3	110471	240-5159	110503
220-393	112747	230-125A	110514	240-315	110492	240-5162	110984
220-393A	110895	230-361A	112531	240-315-6	110492	240-5162A	110502
220-397	110766	230-5061	111797	240-316	110492	240-5163	111090
220-399	112097	230-5475	113904	240-316-3	110492	240-5234	110499
220-399A	112097	240-095	110075	240-316-6	110492	240-5235A	110499
220-402	111280	240-120	110075	240-316-9	110492	240-5236	111388
220-402A	111280	240-120A	110075	240-318	112988	240-5237	111388
220-406	112747	240-122	110075	240-321	110235	240-5389	112874
220-409	110751	240-200	110233	240-4008C	112834	240-5392	112893
220-413	112747	240-200-3	110233	240-4020	113579	240-5400	112880
220-420	111180	240-200-6	110233	240-4021	113579	240-5415	112880
220-420A	111180	240-200-9	110233	240-4022	113579	240-5442	112980
220-423	111287	240-201-3	110233	240-4040	113694	240-5443	112873
220-427	112730	240-201-9	110505	240-5010	110502	240-5443A	112873
220-427A	112730	240-206	110233	240-5018	110502	240-5443B	112873
220-431	111987	240-206-3	110502	240-5030	110499	240-5443C	112873
220-433A	112453	240-206-6	110233	240-503152	110500	240-5443D	112873
220-434	112725	240-206-9	110233	240-5031A	110500	240-5457	112888
220-435	112765	240-207	110233	240-5032	112338	240-5472	112886
220-438	112764	240-208-6	110233	240-5032A	112639	240-5479	112884
220-439	112759	240-209	111250	240-5033	110500	240-5485	112980
220-442	112757	240-210	110505	240-5034	110500	240-5489	112893
220-447	112771	240-210-3	110505	240-5035	110500	240-5502	110724
220-451	110880	240-211	110505	240-503560	110500	240-5504	111800
220-466	112779	240-211-3	110505	240-503563	110500	240-5510	110984
220-470	111656	240-213-6	110233	240-503564	110500	240-5511	110724
220-481	112775	240-214	110505	240-503565	110500	240-5512	110724
220-482C	110113	240-215	110505	240-503566	110500	240-5518	110503
220-487	110360	240-216	110505	240-5036	110500	240-5522	110724
220-5007	112193	240-217	110233	240-5036A	112639	240-5550	112860
220-5010	111895	240-217-3	110504	240-5037A	110500	240-5551	112860
220-5010A	111895	240-218	110505	240-5037C	111711	240-6036	112338
220-5016	112194	240-219	110505	240-5039	110500	240-6040	110985
220-5016A	112539	240-220	110075	240-503942	110500	240-6041	110500
220-5016B	112530	240-222	110505	240-5040	112338	240-6137	112615
220-5017	112530	240-225	110075	240-5041	110499	240-6138	112615
220-5017C	112530	240-241	110235	240-5042	110499	240-6139	112873
220-5018	112530	240-241-3	110235	240-504255	110499	240-6139A	112873
220-5020	111902	240-241-6	110235	240-504264	110499	240-6142	112869
220-5021	111902	240-241-9	110235	240-5043	111388	240-6144	112868
220-5033	112193	240-242	110235	240-504554	110499	240-6144A	112868
220-5042	111895	240-242-3	110235	240-504562	110499	240-6165	112614
220-5045	112557	240-242-6	110235	240-504564	110499	240-6166	111223
220-5047	112072	240-242-9	110235	240-5048	110499	240-6168	112613
220-5050	112078	240-244	110234	240-5049	111388	240-6172	111223
220-5065	112197	240-244A	110234	240-5050	110498	240-6179	112665
220-5067	111629	240-246	112448	240-5055	110498	240-6193	113498
220-5072	112420	240-247	111713	240-5060	110498	240-6195	113498
220-5075	112426	240-247-6	111713	240-5074	111090	240-6196	111514
220-5088B	111828	240-250	110235	240-507462	111090	240-6223	113777
220-5100	112075	240-252	110508	240-5075	111090	240-6300	112861
220-5101	113340	240-253	110505	240-5085	110985	240-6311	113694
220-5102	112079	240-256	110952	240-5090	110985	240-6312	113693
220-5103	111353	240-257	110505	240-5095	110985	240-6312A	113692
220-5104	112402	240-261	110952	240-5110	110986	240-6313	113685
220-5106A	111353	240-299	110508	240-5115	110986	240-6315	113691
220-5107	111820	240-299-3	110508	240-5123	111220	240-6319	113685
220-5115	112193	240-299-9	110508	240-5126	111220	240-6410	112853
220-5121	112198	240-300	110471	240-5127	111220	240-6410A	112853
220-5124	112399	240-300-3	110471	240-5128	111220	240-6410B	112853
220-5158	112159	240-300-6	110508	240-5130	112447	240-6415	112850
220-5161	111834	240-300-9	110471	240-5132	112447	240-6415A	112850
220-5180	112302	240-301	110233	240-5135	112641	240-6415B	112850
220-5201	112689	240-301-3	110505	240-5137	111854	240-6420	111426
220-5239	112680	240-301-6	110508	240-5138	111854	240-785	110591
220-5265	112720	240-301-9	110508	240-5140	110502	240-798	112265
220-5277	112728	240-306-3	110471	240-5140A	110502	240-800	112260
220-5278	112728	240-306-9	110508	240-5141	110984	240-800A	112260
220-5284	112744	240-307-3	110471	240-5144	110984	240-801	112303
220-5285	112756	240-307-9	110471	240-5147	110984	240-801A	112303
230-101	110074	240-308	110471	240-5148	110984	240-802	110300
230-102	110236	240-308-3	110471	240-5149	110984	240-803	110300
230-102A	110236	240-308-6	110471	240-514952	110984	240-806	110591

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
240-807	111261	250-150B	112835	280-301	111948	290-140	110258
240-809	110937	250-150C	111252	280-303	111185	290-140A	111195
240-811	110937	250-150D	112835	280-306	110968	290-140B	110258
240-813	110937	250-156	112835	280-306A	110770	290-140D	110258
240-815	110591	250-157	111252	280-307	111363	290-143	111195
240-816	110591	250-157A	111252	280-307A	111363	290-155	111278
240-816A	110591	250-158	112842	280-308	111289	290-162	110684
240-819	112264	250-158A	112842	280-309	111739	290-171	110801
240-819A	112264	250-203	111199	280-309A	111739	290-172	111261
240-820	112264	250-203A	111199	280-310	111740	290-175	113856
240-821	112262	250-206	112921	280-312	111364	290-186	111018
240-821A	112262	250-212	112931	280-312A	111738	290-187	111017
240-823	112261	250-213	112936	280-312C	111176	290-189	111830
240-825	112265	250-215	112924	280-313	110107	290-193	111048
240-829	110937	250-216	112924	280-318	110107	290-193	113921
240-830	110937	250-217	112924	280-320	113623	290-194	111048
240-834	112989	250-220	112927	280-321	113623	290-196	111048
240-835	110801	250-225	112921	280-324	113623	290-198	111048
240-835A	110801	250-234	112940	280-325	112718	290-198A	111048
240-836	112989	250-244	111200	280-327	112722	290-198B	111048
240-837	112993	250-245	111200	280-328	113623	290-199	111048
240-837A	112993	250-247	112946	280-329	113623	290-199	113921
240-837B	111232	250-247A	112946	280-330	111740	290-199A	111048
240-840	111232	250-253	112933	280-331	111184	290-199A	113921
240-842	111232	250-254	112933	280-331A	111184	290-199B	113921
240-844	111232	250-255	112932	280-332	111366	290-202	111951
240-848	111232	250-267	112936	280-333	110770	290-203	111578
240-848A	111232	250-268	112936	280-334	111366	290-204	110374
240-849B	111232	250-270	112942	280-337	111355	290-205	110564
240-850C	112993	250-270A	112942	280-342	113683	290-206	110629
240-850D	112993	250-270B	112942	280-347	112718	290-207	111018
240-851	111232	250-272	112943	280-350	110891	290-209	110620
240-852	111232	250-272A	112943	280-579	112557	290-212	110965
240-854	111232	250-273	112942	282-102	110612	290-212A	110965
240-858	113432	250-275	112944	282-108	110766	290-212B	110965
240-858A	111232	250-275A	112944	282-129	111086	290-213	110927
240-859	111232	250-280	112939	282-132	111662	290-215	110927
240-859A	111232	250-280A	112939	282-143	111833	290-219	111705
240-861	111232	250-283	112954	282-143A	111833	290-219A	111705
240-862	111232	250-400	112947	282-144	110113	290-219B	111705
240-864	111232	250-401	112949	282-148	111686	290-219C	110678
240-865	112160	250-402	112953	282-152	111686	290-220	110678
240-865A	112160	250-405	112951	282-154	110890	290-220A	110678
240-866	112160	250-405A	112951	282-156	110641	290-221	111428
240-866A	112160	250-408	112956	282-157	111141	290-222	111428
240-866B	112160	250-408A	112956	282-160	111841	290-224	110496
240-867	112160	250-409	112961	282-163	110766	290-224A	110496
240-868	112992	250-410	112958	282-164	112097	290-227	110628
240-870	111232	250-415	112958	282-170	112097	290-227A	110628
240-870A	111232	250-415A	112958	282-172	110890	290-228A	110496
240-872	111232	250-416	112959	282-174	110882	290-230	113056
240-872A	111232	250-416A	112959	282-177	112098	290-231	110496
240-874	111232	250-802	110300	282-186	111528	290-231A	110496
240-874A	111232	260-300	110427	282-190	111888	290-232	111428
240-877B	111232	260-301	110427	282-208	112389	290-233	111578
240-880	111232	260-5000	110664	282-224	112170	290-235	110682
240-883	111232	270-323	110937	282-234	111368	290-235A	110678
250-110	110237	270-419	110937	282-242	112343	290-238	111432
250-110A	110237	270-420	110937	285-105	110562	290-238A	111609
250-110C	110237	270-421	110937	285-106	110800	290-240	110967
250-110D	110237	270-422	110937	285-108	110562	290-240C	110967
250-110E	110237	270-423	110937	285-109	110562	290-241	111432
250-116	110238	270-425	110937	285-119	111051	290-245	110675
250-117B	110238	270-434	110937	285-142	110800	290-249	111480
250-118	110238	270-435	110937	285-158	112168	290-251	110682
250-118A	110238	270-513	113713	290-080	110137	290-251A	110682
250-118B	110238	280-099	110178	290-093	110258	290-252	111705
250-118C	110238	280-100	111185	290-101	110138	290-254	111705
250-121	112914	280-101	110178	290-102	111796	290-255	111194
250-121A	112914	280-102	110178	290-104	110248	290-256C	111193
250-121B	112914	280-102A	110969	290-108	110138	290-257	111193
250-121C	112914	280-104	110179	290-108A	110137	290-257A	111193
250-121D	110239	280-104A	110179	290-110	110137	290-257B	111193
250-121E	112914	280-111	111185	290-112	110138	290-261	111194
250-130	110239	280-112	110179	290-112A	110138	290-261A	111194
250-130A	110239	280-119	111184	290-112B	110138	290-262	111194
250-142	110641	280-127	110179	290-128	110137	290-264	111194
250-150	112835	280-128	111289	290-130	110138	290-265	111194
250-150A	112835	280-134	111361	290-138	110563	290-265A	111194

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>PIC Continued</b>							
290-275	111193	340-33	110505	901-106	110529	902-413	110932
290-275A	111193	340-38	110505	901-111	110529	902-422	110205
290-275B	111193	340-43	110505	901-116	112289	902-457	110205
290-275C	112833	340-47	111388	901-118	112289	902-500	110218
290-275D	111193	340-55	110233	901-125	110312	902-702	110522
290-275E	112833	340-73	110505	901-188	110708	902-711	112258
290-284	111435	340-85	110505	901-190	110708	902-800	112089
290-284A	111435	340-94	110505	901-191	110708	902-823	112089
290-286	111435	340-99	110505	901-196	111447	902-940	110347
290-288A	111435	50-157A	111252	901-213	110421	902-976	110347
290-291	112101	900-001	111059	901-236	110154	902-977	110347
290-302	111193	900-003	110212	901-319	111561	903-136	110436
290-305A	113077	900-004	110213	901-390	110367	903-239	112269
290-306A	110496	900-014	110206	901-470	110835	903-483	112243
290-307	111435	900-018	110512	901-509	111068	903-517	112255
290-307A	111435	900-023	111217	901-570	112249	903-757	111131
290-307B	111435	900-030	110601	901-579	110367	903-811	111100
290-311	112102	900-091	111219	901-581	110856	903-815	110364
290-312	110496	900-139	111636	901-620	110440	903-828	110608
290-313	113636	900-149	111637	901-627	110817	903-829	110608
290-314	111536	900-191	110771	901-635	110439	903-840	111003
290-316	110679	900-236	110536	901-641	110461	903-850	111304
290-317	112746	900-248	112135	901-642	110461	903-865	110412
290-332	110682	900-295	110520	901-655	111737	903-866	110144
290-342	112181	900-312	110524	901-657	110459	903-867	110617
290-343	111482	900-316	110527	901-685	110518	903-876	111393
290-350	111965	900-322	110527	901-692	110814	903-881	110580
290-354A	111468	900-337	110771	901-693	110812	903-896	110154
290-355	111517	900-382	111637	901-695	110312	903-898	110152
290-358	111517	900-428	111637	901-697	110312	903-907	110278
290-358A	111517	900-447	112074	901-702	110421	903-919	110865
290-363	111537	900-605	110512	901-747	112742	903-926	111310
290-366A	111579	900-612	110537	901-777	112747	903-957	111461
290-367	111579	900-615	110512	901-786	110707	903-979	110367
290-369	111285	900-633	110856	901-801	110128	903-980	110367
290-369A	111285	900-634	110856	901-808A	110178	903-986	111064
290-386	111678	900-644	111212	901-809	110969	903-998	110156
290-386D	111678	900-645	111212	901-813	110179	904-001	110617
290-387	111468	900-683	110386	901-826	110179	904-029	110868
290-402	110445	900-720	110144	901-844	110136	904-036	111103
290-402A	110445	900-800	110465	901-845	110672	904-045	110640
290-405	111215	900-802	110465	901-879	110970	904-057	111102
290-419	112252	900-810	110818	901-890	110975	904-065	110771
290-437	111048	900-830	110439	901-907	110877	904-071	110868
290-439	111048	900-836	110460	901-919	110913	904-097	110365
290-442	113715	900-837	111573	901-964	111179	904-106	110708
290-461	110563	900-842	110565	902-022	111072	904-107	110708
290-468	111278	900-843	110615	902-027	112755	904-118	110154
290-473	111261	900-848	110460	902-058	110612	904-124	110152
290-480	111507	900-853	110461	902-071	110882	904-125	110152
290-487	113433	900-854	110461	902-086	111578	904-197	112290
290-5010	113094	900-869	110459	902-103	110881	904-244	111562
290-5010A	113094	900-911	110809	902-104	112753	904-276	110521
290-5016	111779	900-916	110578	902-123	112771	904-278	110522
290-5020	111779	900-924	111565	902-139	111364	904-294	110640
290-5037	113628	900-942	111475	902-142	111364	904-331	110152
290-5037A	113628	900-946	111310	902-145	110770	904-333B	111100
290-5044	111468	900-957	110315	902-147	110770	904-333F	111100
290-5068	113902	900-993	110292	902-148	111362	904-344	111053
290-5095	113027	900-994	110277	902-162	111138	904-377	110154
290-5103	111194	901-018	110365	902-172	111428	904-478	111291
290-5110	111194	901-029	110365	902-185	111428	904-484	111613
290-5112	113559	901-045	110338	902-214	111075	904-592	111546
290-5112A	113607	901-047	110365	902-218	111072	904-822	112303
290-5112C	113607	901-053	110352	902-220	111071	904-829	110300
290-5118	113803	901-054	110352	902-221	111071	904-830	112260
290-5166	113921	901-055	110352	902-225	111156	904-831	112260
290-5401	113903	901-070	110352	902-230	111397	904-832	112260
290-5475	113904	901-077	110521	902-232	111397	904-862	110371
293-11	110959	901-078	110518	902-236	111686	904-863	111065
293-12	110540	901-079	110529	902-237	111156	904-989	112649
293-13	111710	901-086	110813	902-252	111010	905-002	110911
293-13A	111710	901-087	110814	902-254	112455	905-024	112110
293-14	111710	901-088	110517	902-275	111052	905-039	110759
293-18	110959	901-096	110814	902-282	110368	905-040	110759
293-18A	111710	901-097	110812	902-293	110336	905-052	111078
340-07	110505	901-100	110517	902-372	110998	905-053	112719
340-111	110505	901-102	110521	902-373	110565	905-054	111035
340-13	110505	901-103	110521	902-406	110210	905-055	110612

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
905-056	110612	910-779	111082	02121-9021	114766	ANB7004	110427
905-057	112719	910-780	111082	02131-9040	112334	ETK4102	111863
905-060	111035	910-790	110800	02131-9110	113328	EVC4002	111864
905-061	111036	910-795	110562	02131-9111	113328	FPOR4001	111861
905-062	111078	910-820	111565	02131-9112	113328	JFZ2110A2	114374
905-064	111035	910-831	110256	02131-9113	113328	M105R3507SE	113827
905-066	111035	910-842	110386	02131-9130	114827	MBJ4201	112577
905-068	110912	910-904	110075	02131-9131	114827	MBJ4202	112577
905-069	112719	910-945	110075	02131-9212	114287	MBJ4209	112577
905-071	111654	910-951	110075	02131-9221	114662	MBJ4402	112577
905-076	111621	910-952	110075	02131-9261	114509	MBJ4407	112577
905-082	111654	910-992	110075	02131-9310	113328	MBJ6201	112577
905-085	111654	911-010	110075	02131-9311	113328	MBJ6202	112577
905-086	111620	911-020	110724	02142-5070	114414	MBJ6304	112577
905-088	111620	911-117	110745	03101-3030	111683	MCD4007	110647
905-089	111654	911-126	111082	03101-3031	111683	MDF7024	112318
905-092	111686	911-127	110882	03101-3050	110389	MDH4001	111043
905-095	112719	911-133	112270	03101-3051	110389	MDH4002M	111043
905-108	110975	911-138	111314	03101-3170	113329	MDH4102M	111043
905-126	110913	911-140	110307	03101-3190	113329	MDW4002M	111043
905-132	110173	911-141	110168	03101-3220	113329	MDW4204M	111043
905-144	110175	911-156	111071	03111-4040	111065	MDX7047	112317
905-161	110408	911-158	111397	03111-4041	111065	MDY6116	112317
905-173	110408	911-215	111705	03111-4140	113327	MDY6139	112130
905-284	110173	911-228	110447	03111-4200	114762	MDY7037	112317
905-608	110371	911-437	110445	03111-4240	114732	MDY7039	112317
905-609	110408	911-449	111435	03111-4241	114732	MDY7040	112317
905-676	110408	911-601	112260	03111-5020	112344	MDY7054	112130
905-682	110408	911-614	110801	03111-5021	112344	MDY7055	112317
905-709	110408	911-621	110408	03112-7021	112502	MDY7061	112317
905-719	110487	911-624	110408	37300-2W000	113903	MDY7066	112317
905-720	110488	911-632	110408	37300-2W001	113903	MEO005A	110934
908-101	111171	911-634	110408			MEO6005	112249
908-102	111171	911-641	110408			MF7034	112317
910-108	110218	911-694	110205	<b>PRESTOLITE</b>		MF4001	112317
910-144	110218	911-723	112775	462415	111861	MFX4001	112317
910-156	110218	911-781	110152	855694	111000	MFX4004	112317
910-161	112897	911-796	111189	858320	110518	MFX4005	112317
910-284	110347	911-823	111050	858884	112345	MF7012	112317
910-307	110814	920-032	110771	859232	110895	MFY6201I	110999
910-323	111254	920-088	111100	859327	111295	MFY6201K	110999
910-407	110702	920-098	110212	859371	113342	MFY6401K	110999
9104-203	112537	920-101	112159	860053	110173	MFY6401L	110999
910-422	112270	920-200	110856	860141	112097	MFY6601I	110999
910-423	110264	920-205	110585	860177	110043	MFY6601K	110999
910-424	110264	920-206	110793	860507	111231	MGD4002A	111043
910-433	112270	920-208	110585	860541	111219	MGD4002C	111043
910-434	110168	940-360	110347	860543	111218	MGD4002M	111043
910-435	110168	940-530	112165	860557	111886	MGD4007	110647
910-436	110168	940-531	112165	860561	112189	MGD4007A	110647
910-437	110168	940-532	111426	860650	112224	MGD4013	110647
910-438	110168	940-534	111514	860705	111771	MGD4102A	111043
910-554	111339	940-541	111426	860715	114388	MGD4102C	111043
910-575	111042	950-003	110226	860803	112656	MGD4106	110240
910-580	111653	980-005	110461	860804	114212	MGD4108	110648
910-581	111653	980-006	110525	860807	113351	MGD4108A	110648
910-623	112097	980-007	110814	860809	113284	MGD4110	110240
910-651	112730	983-001	113269	1277700	112343	MGD4113	110647
910-672	111428	983-004	110551	1285515	111808	MGD4115	110240
910-695	110179			11925115	110793	MGL4001B	110648
910-696	110179	<b>POLARIS</b>		110-872	112159	MGL4002	110636
910-702	111035	3084403	113527	40-259	111863	MGL4004	111835
910-704	111176	3084981	113528	46-2415	111860	MGL4008	110644
910-705	111176	3085393	113527	46-4157	112577	MGL4012	110649
910-708	111368	3240110	112010	51-178	110427	MGL4013	110636
910-712	111754	3240281	112010	51-212	110427	MGL4014	110636
910-713	111754	3585393	113527	859371Z	113342	MGL4105	111861
910-714	111364	4010675	112010	860305Z	111910	MGL4109	110644
910-715	111362	4060118	112010	8AL2014F	110408	MHA7010	112130
910-718	111740			8AL2025F	110408	MHA7013	112130
910-725	110745	<b>POONG SUNG</b>		8AL2026F	110408	MHJ7003	112318
910-725B	110745	02121-8025	112506	8LHA3159R	113342	MHJ7005	112318
910-725C	110745	02121-8026	112506	8SC3133U	110175	MHJ7024	112318
910-727	110745	02121-8027	112506	AELB697	110895	MHX4001	112318
910-728	110745	02121-8070	112506	ANB6001	110427	MJL4002	110649
910-768	110913	02121-8071	112506	ANB6002	110427	MJL4002A	110649
910-773	110887	02121-8072	112506	ANB6004	110427	MJL4003B	110649
910-777	111072	02121-8073	112506	ANB7001	110427	MJL4005	110645
910-778	112728	02121-8074	113903	ANB7002	110427	MKW4001	110644
				ANB7003	110427	MKW4005	110636

Cross reference list

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>PRESTOLITE</b> <i>Continued</i>							
MKW4006	110647	717	112775	1100125	110233	1100222	110233
MKW4007	111861	719	111168	1100127	110505	1100223	110235
MKW4008	110647	734	111178	1100128	110233	1100225	110233
MS1-410A	113333	739	111166	1100129	110233	1100226	110233
MUE6102S	112311	741	112056	1100130	110233	1100227	110233
POA4001	110240	791	112056	1100131	110233	1100228	110233
POA4002	110240	814	111514	1100132	110233	1100229	110233
POB4001	111043	823	111426	1100133	110233	1100230	110233
POC4001	110644	824	111426	1100135	110233	1100231	110233
		847	112229	1100136	110233	1100232	110233
		848	112229	1100137	110233	1100233	110233
		855	111514	1100138	110233	1100234	110233
		914	111514	1100139	110233	1100235	110233
		922	112720	1100140	110233	1100236	110233
		923	111426	1100141	110233	1100237	110508
		947	112229	1100142	110233	1100238	110233
		955	111514	1100143	110233	1100239	110508
		110002	111709	1100144	110233	1100240	110508
		110397	111065	1100145	110235	1100241	110508
		110566	112365	1100146	110233	1100242	110508
		111018	110807	1100147	110233	1100243	110508
		111089	110808	1100148	110233	1100246	110508
		111534	111805	1100149	110233	1100247	110508
		112161	112251	1100150	110233	1100249	110508
		112816	110808	1100151	110505	1100250	110508
		112847	114885	1100152	110233	1100251	110508
		113136	113659	1100153	110233	1100252	110508
		199903	111000	1100154	110233	1100254	110508
		219051	113458	1100155	110233	1100255	110508
		219053	112297	1100156	110233	1100256	110233
		219055	113457	1100157	110233	1100257	110508
		219072	112657	1100158	110233	1100259	110508
		219091	111708	1100159	110505	1100260	110508
		219137	113498	1100162	110233	1100263	110508
		219138	113349	1100163	110233	1100264	110508
		219139	113350	1100164	110233	1100265	110508
		219170	114114	1100165	110505	1100266	110508
		219187	111846	1100166	110233	1100268	110233
		219199	113498	1100167	110233	1100269	110508
		219202	113349	1100168	110233	1100270	110508
		219235	114114	1100170	110505	1100271	110235
		219251	114114	1100171	110505	1100272	110508
		219292	114114	1100174	110233	1100273	110508
		219298	111708	1100175	110233	1100274	110300
		323436	111786	1100176	110233	1100275	110508
		390049	113457	1100179	110233	1100276	110508
		390087	111647	1100181	110233	1100280	110505
		1100072	112260	1100182	110233	1100281	110505
		1100073	112260	1100183	110235	1100282	110235
		1100075	112303	1100184	110235	1100287	110508
		1100076	112303	1100185	112260	1100288	110508
		1100077	110300	1100187	110235	1100289	110508
		1100078	110591	1100188	112260	1100290	110508
		1100080	112260	1100189	112260	1100291	110508
		1100081	112260	1100192	110235	1100292	110505
		1100082	112303	1100196	110233	1100294	110505
		1100083	112303	1100197	110233	1100296	110235
		1100084	112260	1100198	110505	1100297	110505
		1100086	112260	1100199	110233	1100298	110508
		1100087	112260	1100200	110508	1100299	110508
		1100088	112303	1100201	110233	1100300	110505
		1100089	112260	1100201	110505	1100374	110505
		1100090	112260	1100202	110233	1100419	110505
		1100092	110325	1100203	110233	1100422	110505
		1100093	110300	1100203	110505	1100438	110505
		1100109	110233	1100204	110233	1100441	110505
		1100110	110233	1100204	110505	1100444	110505
		1100111	110233	1100205	110508	1100481	110233
		1100113	110233	1100206	110508	1100485	110505
		1100115	110233	1100207	110508	1100486	110233
		1100116	110233	1100208	110508	1100487	110233
		1100117	110233	1100209	110508	1100490	110505
		1100118	110505	1100211	110300	1100491	110505
		1100119	110233	1100212	112260	1100492	110505
		1100120	110233	1100213	112260	1100493	110505
		1100121	110233	1100214	112303	1100494	110233
		1100122	110233	1100217	110508	1100495	110505
		1100123	110505	1100218	110233	1100496	110505
		1100124	110233	1100221	110233	1100497	110233

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
1100498	110505	1100638	110075	1100740	110075	1100847	110075
1100499	110325	1100639	110075	1100741	110075	1100849	110075
1100533	110075	1100640	110075	1100742	110075	1100851	110075
1100542	110233	1100642	110075	1100744	110075	1100852	110233
1100543	110233	1100646	110075	1100745	110075	1100853	110233
1100544	110233	1100647	110075	1100750	110075	1100854	110233
1100545	110233	1100648	110075	1100752	110075	1100855	110233
1100546	110233	1100649	110075	1100755	110075	1100856	110075
1100547	110233	1100651	110075	1100758	110075	1100857	110075
1100548	110233	1100655	110075	1100759	110075	1100859	110233
1100549	110233	1100656	110075	1100760	110075	1100860	110075
1100550	110233	1100657	110075	1100761	110075	1100861	110233
1100551	110505	1100658	110075	1100762	110075	1100865	110233
1100552	110233	1100659	110075	1100763	110075	1100866	110075
1100553	110075	1100661	110075	1100764	110075	1100870	110075
1100556	110233	1100662	110075	1100765	110075	1100871	110075
1100557	110075	1100663	110075	1100767	110075	1100872	110233
1100558	110075	1100664	110075	1100768	110075	1100873	110233
1100559	110233	1100665	110075	1100769	110075	1100874	110233
1100560	110233	1100668	110075	1100770	110075	1100875	110075
1100561	110505	1100669	110075	1100771	110075	1100878	110075
1100562	110505	1100670	110075	1100772	110075	1100879	110075
1100563	110233	1100671	110075	1100774	110075	1100880	110505
1100564	110233	1100672	110075	1100775	110075	1100881	110233
1100565	110505	1100674	110075	1100777	110075	1100882	110233
1100566	110075	1100675	110075	1100778	110075	1100883	110075
1100567	110075	1100676	110075	1100779	110075	1100884	110233
1100568	110075	1100677	110075	1100780	110075	1100885	110075
1100569	110075	1100678	110075	1100781	110075	1100886	110075
1100570	110075	1100679	110075	1100782	110075	1100888	110075
1100571	110075	1100680	110075	1100784	110075	1100889	110075
1100572	110075	1100681	110075	1100787	110075	1100890	110233
1100573	110233	1100682	110075	1100788	110075	1100891	110075
1100574	110233	1100683	110075	1100789	110075	1100892	110075
1100575	110233	1100684	110075	1100790	110075	1100893	110075
1100576	111250	1100686	110075	1100791	110075	1100894	111250
1100577	111250	1100687	110075	1100793	110075	1100895	110075
1100578	110233	1100688	110075	1100794	110075	1100896	110075
1100579	110233	1100689	110075	1100795	110075	1100897	110233
1100580	110233	1100690	110075	1100796	110075	1100899	110233
1100581	110233	1100691	110075	1100797	110075	1100900	110233
1100582	110505	1100692	110075	1100798	110233	1100901	110233
1100583	110505	1100693	110075	1100799	110233	1100902	110233
1100584	110505	1100694	110075	1100800	110233	1100903	110233
1100585	110505	1100695	110075	1100801	110233	1100904	110233
1100587	110505	1100696	110075	1100802	110075	1100905	110075
1100588	110233	1100697	110075	1100803	110075	1100906	110075
1100589	110504	1100698	110075	1100804	110075	1100907	110075
1100590	110075	1100699	110075	1100805	110075	1100908	110075
1100591	110075	1100700	110075	1100807	110075	1100909	110075
1100592	110233	1100701	110075	1100808	110075	1100910	110075
1100593	110233	1100702	110075	1100809	110075	1100911	110233
1100595	110233	1100703	110075	1100810	110075	1100916	110075
1100596	110233	1100704	110075	1100811	110075	1100917	110075
1100597	110233	1100705	110075	1100813	110075	1100919	110233
1100598	110505	1100706	110075	1100814	110075	1100920	110233
1100600	110075	1100707	110075	1100815	110075	1100921	110075
1100601	110075	1100708	110075	1100816	110075	1100922	110233
1100605	110075	1100709	110075	1100817	110075	1100923	110233
1100613	110075	1100710	110075	1100818	110075	1100924	110233
1100616	110075	1100711	110075	1100819	110075	1100925	110233
1100617	110075	1100713	110075	1100820	110075	1100926	110505
1100618	110075	1100714	110075	1100825	110233	1100927	110505
1100620	110075	1100719	110075	1100826	110505	1100928	110233
1100621	110075	1100720	110075	1100828	110075	1100929	110505
1100622	110075	1100724	110075	1100830	110233	1100930	110233
1100623	110075	1100725	110075	1100831	110505	1100930	110505
1100624	110075	1100726	110075	1100832	110233	1100931	110075
1100625	110075	1100727	110075	1100833	110505	1100932	110075
1100627	110075	1100728	110075	1100834	110075	1100933	110075
1100628	110075	1100729	110075	1100836	110075	1100934	110505
1100629	110075	1100730	110075	1100837	110075	1100935	110233
1100630	110075	1100731	110075	1100838	110075	1100936	110233
1100631	110075	1100733	110075	1100839	110075	1100937	110233
1100632	110075	1100734	110075	1100841	110075	1100939	110075
1100633	110075	1100736	110075	1100842	110075	1100940	110233
1100634	110075	1100737	110075	1100843	110075	1100943	110075
1100636	110075	1100738	110075	1100845	110075	1100944	110075
1100637	110075	1100739	110075	1100846	110075	1100946	110233

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>REMY (DELCO) Continued</b>							
1100947	110233	1101137	110498	1101440	111713	1102361	110505
1100948	110233	1101138	110498	1101442	110235	1102362	110505
1100949	110233	1101139	110499	1101443	110235	1102363	110505
1100950	110233	1101140	110499	1101444	110235	1102364	110505
1100951	110075	1101141	110498	1101445	110235	1102367	110233
1101015	110234	1101142	110499	1101448	110235	1102368	110233
1101016	110234	1101143	110499	1101449	110235	1102369	110233
1101017	110234	1101155	110505	1101461	110503	1102370	110075
1101018	110234	1101156	110508	1101483	110724	1102375	110233
1101019	110234	1101157	110471	1101484	110471	1102375	110505
1101020	112448	1101157	110508	1101518	112880	1102376	110233
1101021	110234	1101159	110505	1101551	111169	1102380	110233
1101022	110234	1101162	110499	1101571	110984	1102381	110233
1101023	110234	1101167	110986	1101582	112337	1102382	110233
1101024	110234	1101170	110986	1101583	110499	1102382	110505
1101025	110234	1101176	110724	1101593	110499	1102383	110233
1101026	110234	1101178	112448	1101595	110499	1102384	110505
1101027	110234	1101192	110505	1101596	110499	1102385	110233
1101028	110234	1101194	111713	1101599	112629	1102386	110233
1101029	110234	1101199	111800	1101600	112629	1102387	110233
1101030	110234	1101203	110505	1101601	111090	1102388	110233
1101031	110234	1101204	110952	1101605	110503	1102389	110233
1101032	110234	1101205	111713	1101612	111388	1102390	110233
1101033	110234	1101215	112988	1101620	112338	1102391	110233
1101034	110234	1101222	110505	1101628	112338	1102392	110233
1101035	110234	1101224	110492	1101629	112338	1102393	111250
1101036	110234	1101225	110235	1101632	112640	1102394	110505
1101037	110235	1101228	110508	1101633	112640	1102395	110233
1101038	110235	1101231	110499	1101634	110984	1102397	110505
1101039	110235	1101239	112880	1101635	110984	1102399	110233
1101040	110235	1101240	110471	1101636	110984	1102400	110233
1101041	110235	1101241	110471	1101644	111854	1102455	110233
1101042	110235	1101242	110471	1101645	112629	1102457	110233
1101043	110234	1101243	110471	1101646	112629	1102460	110233
1101044	110235	1101243	110505	1101647	112629	1102461	110233
1101045	110235	1101244	110471	1101691	113598	1102462	110505
1101046	110234	1101245	110471	1101692	113598	1102465	110233
1101047	110234	1101251	112260	1101694	111388	1102466	110233
1101048	110234	1101253	110985	1101696	111388	1102467	110233
1101049	110235	1101254	110985	1101697	111388	1102468	110233
1101050	112448	1101255	110985	1101700	110235	1102469	110233
1101058	110234	1101264	111090	1101806	110502	1102471	110505
1101059	112448	1101266	112447	1101810	110499	1102472	110233
1101060	110234	1101267	112447	1101814	110984	1102473	110505
1101061	110234	1101268	110508	1101822	110499	1102474	110233
1101062	110234	1101276	110508	1101832	111388	1102475	110233
1101063	110234	1101277	110499	1101843	111090	1102476	110233
1101064	110234	1101278	110499	1101846	111388	1102477	110505
1101066	110235	1101279	110508	1101924	110235	1102478	110233
1101067	110235	1101282	110505	1101925	110235	1102479	110233
1101071	110235	1101288	112260	1101951	113142	1102480	110233
1101072	110235	1101289	112260	1101967	113598	1102481	110505
1101073	110234	1101290	112988	1101986	113142	1102482	110233
1101074	110235	1101291	110724	1101987	111388	1102483	110505
1101075	110235	1101293	112338	1101996	113598	1102484	110233
1101078	110235	1101296	112880	1101997	113598	1102485	110505
1101080	110235	1101298	110471	1101998	113142	1102486	110233
1101081	110235	1101299	110471	1102188	110505	1102487	110233
1101082	110235	1101300	110471	1102210	110505	1102488	110233
1101083	110235	1101301	110471	1102228	110505	1102489	110505
1101084	110235	1101303	110508	1102287	110505	1102490	110233
1101085	110235	1101304	110471	1102311	110505	1102491	110505
1101086	110235	1101305	110471	1102329	110505	1102492	110505
1101087	110235	1101307	110508	1102337	110505	1102493	110233
1101088	110235	1101310	112636	1102343	110233	1102494	110233
1101090	110234	1101317	112338	1102344	110505	1102495	110233
1101091	112448	1101318	112338	1102345	110508	1102496	111250
1101093	110235	1101323	110235	1102346	110233	1102497	110233
1101094	110235	1101324	110471	1102347	110233	1102498	110233
1101095	110235	1101329	112880	1102349	110505	1102499	110505
1101097	110235	1101332	110471	1102350	110233	1102500	110233
1101098	110235	1101333	110508	1102351	110233	1102548	110233
1101104	112260	1101345	110508	1102352	110233	1102549	110233
1101105	112260	1101432	113143	1102353	110233	1102550	110233
1101109	112448	1101434	110234	1102354	110233	1102551	111713
1101110	112640	1101435	112448	1102355	110505	1102553	112260
1101111	112640	1101436	110235	1102356	110505	1102578	110505
1101113	110492	1101437	110235	1102358	110505	1102581	110233
1101127	111090	1101439	111713	1102359	110505	1102593	110505

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
1102600	110499	1102921	110505	1103095	110233	1103190	110325
1102601	110499	1102922	110505	1103096	110233	1103195	110233
1102607	111220	1102925	110505	1103097	110505	1103196	110505
1102614	110503	1102926	110505	1103098	110505	1103197	110233
1102615	110724	1102927	110505	1103099	110505	1103198	110233
1102629	110984	1102928	110505	1103100	110233	1103199	110233
1102630	110984	1102929	110505	1103101	110505	1105022	110508
1102631	110984	1102930	110505	1103102	110233	1105023	110508
1102644	112447	1102932	110505	1103103	110233	1105025	110508
1102839	110233	1102933	110508	1103104	110505	1105029	110508
1102840	110233	1102935	110508	1103105	110233	1105033	110233
1102841	110233	1102936	110505	1103106	110233	1105034	110508
1102842	110233	1102937	110505	1103108	110233	1105036	110508
1102843	110233	1102938	110233	1103109	110505	1105041	110508
1102844	110233	1102940	110505	1103110	110233	1105043	110505
1102847	110505	1102941	110233	1103111	110233	1105044	110508
1102848	110233	1102942	110508	1103112	110233	1105045	110508
1102849	110233	1102945	110075	1103116	110505	1105046	110508
1102850	110505	1103031	110952	1103117	110233	1105047	110508
1102851	110233	1103033	110233	1103118	110505	1105048	110508
1102852	110233	1103033	110505	1103119	110233	1105049	110508
1102853	110233	1103034	110233	1103120	110233	1105050	110505
1102854	110233	1103035	110505	1103121	110233	1105056	110233
1102856	110233	1103036	110233	1103122	110233	1105058	110508
1102857	110233	1103037	110233	1103123	110952	1105059	110508
1102858	110233	1103039	110505	1103124	110505	1105060	110508
1102859	110233	1103040	110505	1103125	110505	1105063	110325
1102860	110233	1103041	110233	1103126	110505	1105066	110505
1102861	110505	1103042	110233	1103127	110505	1105067	110233
1102862	110233	1103043	110233	1103128	110505	1105068	110505
1102863	110233	1103044	110233	1103130	110505	1105069	110505
1102864	110233	1103045	110233	1103131	110505	1105070	110505
1102865	110233	1103046	110505	1103133	110505	1105072	110505
1102866	110505	1103047	110233	1103134	110325	1105073	110504
1102867	110505	1103048	110233	1103135	110505	1105074	110505
1102869	110233	1103049	110233	1103138	110505	1105075	110508
1102871	110325	1103050	110505	1103139	110505	1105076	110325
1102875	110504	1103051	110233	1103140	110233	1105078	110233
1102876	110505	1103052	110233	1103141	110505	1105079	110505
1102877	110505	1103053	110505	1103142	110233	1105080	110505
1102878	110233	1103054	110505	1103143	110233	1105081	110508
1102879	110505	1103055	110505	1103144	110505	1105082	110508
1102880	110233	1103056	110233	1103145	110233	1105083	110508
1102881	110505	1103057	110233	1103146	110233	1105084	110508
1102882	110233	1103058	110233	1103147	110233	1105085	110492
1102883	110233	1103059	110233	1103148	110505	1105091	110508
1102884	110233	1103060	110233	1103149	110505	1105092	110508
1102885	110233	1103061	110233	1103150	110505	1105098	110505
1102886	110233	1103062	110233	1103151	110505	1105160	110505
1102887	110505	1103063	110233	1103152	110505	1105161	110505
1102888	110233	1103064	110233	1103153	110233	1105162	110505
1102889	110233	1103065	110233	1103154	110505	1105163	110505
1102891	110233	1103066	110233	1103155	110233	1105164	110505
1102892	110233	1103067	110233	1103156	110233	1105165	110505
1102893	110233	1103068	110233	1103157	110233	1105166	110505
1102894	110233	1103069	110505	1103158	110505	1105167	110505
1102895	110233	1103070	110233	1103159	110505	1105168	110505
1102896	110505	1103071	110505	1103160	110505	1105169	110505
1102897	110233	1103072	110508	1103161	110233	1105170	110505
1102898	110505	1103073	110233	1103162	110505	1105171	110505
1102899	110233	1103074	110233	1103163	110233	1105172	110505
1102900	110505	1103075	110505	1103165	110505	1105173	110505
1102901	110233	1103076	110233	1103166	110505	1105174	110505
1102902	110233	1103078	110233	1103168	110233	1105175	110505
1102903	110233	1103078	110505	1103169	110233	1105176	110505
1102904	110233	1103079	110505	1103170	110233	1105177	110505
1102905	110233	1103082	110233	1103171	110505	1105178	110505
1102906	110233	1103083	110233	1103172	110505	1105181	110505
1102907	110508	1103084	110233	1103173	110505	1105182	110508
1102908	110233	1103085	110233	1103174	110505	1105183	110508
1102909	110233	1103086	110233	1103175	110505	1105185	110233
1102910	110233	1103087	110233	1103180	110508	1105186	110235
1102911	110233	1103088	110233	1103182	110233	1105188	110505
1102913	110233	1103089	110233	1103183	110505	1105189	110235
1102914	110233	1103090	110233	1103184	110505	1105193	110505
1102915	110233	1103091	110233	1103186	110233	1105195	110233
1102918	110952	1103092	110233	1103187	110505	1105196	110235
1102919	110952	1103093	110233	1103188	110505	1105197	110235
1102920	110505	1103094	110233	1103189	110508	1105198	110235

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>REMY (DELCO) Continued</b>							
1105199	110235	1105497	110492	1105627	110508	1107377	110468
1105200	110235	1105499	112988	1105628	110508	1107378	110468
1105243	110235	1105506	110471	1105629	110471	1107379	111190
1105244	110505	1105507	110471	1105630	110471	1107388	111258
1105245	110508	1105509	110492	1105632	110233	1107391	112897
1105246	110235	1105510	110952	1105633	110508	1107396	110218
1105249	110235	1105511	110508	1105635	110508	1107399	112897
1105250	110235	1105512	110235	1105637	112448	1107400	112897
1105328	110235	1105513	110492	1105639	110492	1107496	112897
1105330	110235	1105514	110505	1105645	110505	1107514	110590
1105332	110235	1105515	110492	1105647	110508	1107539	110590
1105333	110235	1105516	110508	1105649	110233	1107540	112268
1105335	110235	1105520	110505	1105650	110508	1107557	110472
1105339	110235	1105521	110508	1105651	110471	1107567	110604
1105342	110235	1105522	110505	1105652	110508	1107577	111221
1105343	110235	1105523	110508	1105653	110508	1107580	111041
1105345	112448	1105535	111713	1105654	110471	1107582	110472
1105346	110235	1105536	111713	1105657	112880	1107587	110604
1105347	110235	1105537	110952	1105658	112988	1107588	110602
1105348	110233	1105538	111713	1105661	110984	1107596	112897
1105351	110505	1105539	111713	1105673	110508	1107599	111221
1105354	110492	1105540	111713	1105674	110508	1107652	110218
1105356	110492	1105541	110471	1105675	110508	1107655	111260
1105357	110505	1105542	110471	1105676	110508	1107681	111260
1105360	110233	1105543	110471	1105677	110502	1107709	112233
1105361	110505	1105544	110471	1105678	110502	1107710	112233
1105362	110505	1105545	110471	1105681	110492	1107711	111258
1105363	110505	1105547	110471	1105686	110505	1107781	110216
1105365	110233	1105549	110492	1105689	110984	1107862	112660
1105366	110492	1105552	110235	1105690	112988	1107863	111221
1105371	110508	1105553	110492	1105691	110508	1107867	112660
1105372	110508	1105555	110508	1105692	110508	1107871	111221
1105402	110471	1105556	110505	1105693	110234	1107872	110590
1105415	110235	1105558	110505	1105694	111388	1108026	110218
1105418	111713	1105559	110505	1105697	110503	1108197	110468
1105419	110505	1105560	111713	1105698	111388	1108224	110218
1105420	110505	1105561	110471	1105701	110503	1108225	110218
1105421	110505	1105562	110471	1105703	110508	1108226	110218
1105422	110505	1105564	110508	1105704	110508	1108227	112233
1105423	110505	1105565	110471	1105705	110508	1108331	112897
1105424	110505	1105566	110471	1105706	110508	1108333	110218
1105425	110508	1105567	110471	1105707	110508	1108335	110218
1105426	110508	1105568	110471	1105708	110508	1108338	111258
1105427	110505	1105569	110471	1105710	112337	1108348	110218
1105428	110471	1105570	110492	1105711	112629	1108349	110218
1105429	110505	1105571	110492	1105715	112629	1108351	112897
1105433	110235	1105572	110471	1107194	110506	1108353	110218
1105434	110505	1105573	110505	1107196	110218	1108361	112897
1105441	110471	1105574	110505	1107203	110469	1108363	112897
1105442	110471	1105576	110508	1107204	110506	1108365	112897
1105443	110471	1105577	112448	1107205	110506	1108366	112897
1105444	110471	1105578	110234	1107209	110491	1108367	112897
1105445	110471	1105579	111713	1107237	112897	1108371	112897
1105446	110471	1105580	110508	1107242	112897	1108373	112233
1105447	110471	1105581	110471	1107247	112897	1108374	112232
1105449	110471	1105582	110471	1107248	112897	1108375	112897
1105451	110492	1105584	110505	1107259	112897	1108380	112897
1105460	112260	1105587	110492	1107260	112897	1108382	111258
1105461	112303	1105588	110508	1107287	110506	1108383	110218
1105462	112260	1105590	110508	1107289	111258	1108386	110218
1105463	112260	1105591	110508	1107293	110218	1108387	110218
1105464	112260	1105592	110471	1107294	110218	1108389	110218
1105465	112260	1105594	110508	1107295	110506	1108391	112897
1105466	112303	1105597	110508	1107298	110218	1108400	111258
1105467	112260	1105599	110508	1107299	110218	1108418	111258
1105468	112303	1105600	110508	1107301	112897	1108421	110469
1105469	112260	1105602	110471	1107302	112897	1108422	110506
1105470	112260	1105603	110508	1107306	112897	1108423	110506
1105471	112303	1105604	110471	1107308	111190	1108427	110216
1105474	110300	1105607	110508	1107320	112897	1108428	110216
1105475	110300	1105608	110508	1107330	110218	1108429	110216
1105476	110300	1105609	111713	1107335	113172	1108430	110216
1105478	111250	1105610	110508	1107336	112897	1108434	110218
1105479	110492	1105611	110508	1107342	111258	1108435	110218
1105481	110492	1105619	110505	1107355	110218	1108436	110218
1105493	110471	1105620	110508	1107365	111258	1108439	112897
1105494	110508	1105621	110508	1107370	112897	1108443	113172
1105495	110471	1105623	110508	1107373	112897	1108445	110218
1105496	110471	1105624	110508	1107374	112897	1108446	110218

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
1108448	112897	1109093	110469	1109723	111000	1113402	111224
1108450	111258	1109095	110506	1109745	111000	1113403	112243
1108477	112897	1109098	110491	1109755	110347	1113436	112243
1108479	112897	1109192	110590	1109759	110347	1113479	112243
1108480	110216	1109219	112341	1109760	111000	1113481	112243
1108481	110216	1109222	110347	1109762	111000	1113488	110436
1108493	113172	1109251	111221	1109765	111000	1113494	112243
1108495	110218	1109253	110590	1109768	110347	1113510	110241
1108496	112897	1109261	110590	1109769	113384	1113518	110241
1108498	110218	1109263	110590	1109771	110347	1113534	112243
1108500	110218	1109272	110604	1109772	110347	1113535	112243
1108501	110216	1109276	113384	1109773	110347	1113536	112243
1108502	110216	1109281	113384	1109774	110347	1113541	112243
1108503	112897	1109282	113384	1109775	110347	1113552	110241
1108505	110491	1109285	110347	1109776	110347	1113553	110241
1108506	112897	1109286	110347	1109777	110347	1113569	110241
1108508	111190	1109287	110347	1109778	110347	1113577	110241
1108511	111259	1109288	110347	1109780	110347	1113589	112341
1108512	112897	1109289	110347	1109782	110347	1113590	112341
1108513	110216	1109290	110347	1109787	110347	1113591	113435
1108516	110218	1109291	110347	1109788	110347	1113593	112267
1108517	110218	1109292	110347	1109789	110347	1113594	111760
1108519	110218	1109293	110347	1109791	110347	1113597	112268
1108521	112897	1109294	112254	1109793	112254	1113639	111007
1108597	112897	1109296	110347	1109798	110347	1113640	111224
1108692	110602	1109298	110999	1109831	110999	1113641	111224
1108745	110216	1109299	112254	1109833	110347	1113644	111224
1108746	110216	1109356	112233	1109834	110347	1113645	112089
1108747	110216	1109358	112233	1109835	112254	1113650	111224
1108748	110216	1109364	112897	1109836	110347	1113651	111224
1108755	111277	1109365	112897	1109838	110347	1113652	110569
1108756	111277	1109369	112232	1109839	110347	1113653	111224
1108758	110218	1109385	110347	1109840	110347	1113656	111224
1108759	110218	1109415	112897	1109841	110347	1113660	111007
1108762	112897	1109418	113172	1109842	110347	1113672	111224
1108765	110218	1109420	112007	1109845	110347	1113676	111224
1108766	110218	1109422	111190	1109846	110347	1113683	110569
1108770	112897	1109423	113172	1109861	111000	1113706	111000
1108774	112897	1109430	111259	1109960	110347	1113707	111000
1108776	111034	1109431	110218	1109961	110347	1113708	111000
1108777	112897	1109439	111049	1109965	110347	1113709	111000
1108778	110216	1109446	111260	1109969	112254	1113710	111000
1108779	110216	1109482	110216	1109971	110347	1113713	111000
1108780	110216	1109484	112233	1109972	110347	1113717	111000
1108781	110216	1109485	112232	1109973	110347	1113726	111000
1108782	110216	1109486	111277	1109977	110347	1113738	111000
1108788	111258	1109487	111277	1109978	110347	1113739	111000
1108790	112897	1109488	111277	1109979	110347	1113741	111000
1108794	110218	1109489	111277	1109986	110347	1113745	111000
1108795	110216	1109490	111277	1109987	110347	1113748	111000
1108796	110216	1109494	110347	1113248	112668	1113749	111000
1108797	112897	1109521	110414	1113266	112341	1113778	111000
1108798	110216	1109524	110414	1113267	112341	1113781	111000
1108799	111258	1109526	110221	1113269	112341	1113783	111000
1108857	111000	1109530	110221	1113270	112341	1113792	111000
1108918	110216	1109534	110414	1113271	111221	1113800	111000
1109022	110218	1109538	110221	1113272	113007	1113809	111000
1109025	110216	1109540	111222	1113273	110602	1113811	110999
1109026	110218	1109550	111041	1113274	112268	1113813	111000
1109029	111258	1109553	110347	1113275	111041	1113814	111000
1109036	110216	1109560	110221	1113276	112267	1113815	111000
1109038	112897	1109563	112341	1113277	111760	1113817	110999
1109052	110216	1109564	112911	1113278	111041	1113818	111000
1109056	110216	1109568	111259	1113279	110604	1113820	111000
1109057	110216	1109597	112897	1113280	110604	1113823	111000
1109059	111258	1109627	113384	1113281	110590	1113824	111000
1109061	112897	1109631	110347	1113282	110590	1113825	111000
1109062	110216	1109633	112254	1113284	112668	1113827	110999
1109064	111034	1109636	110347	1113285	111383	1113828	111000
1109065	110216	1109638	110347	1113288	111222	1113831	111000
1109066	110216	1109641	112254	1113290	112268	1113834	111000
1109067	111258	1109642	110347	1113291	111760	1113835	111000
1109068	110216	1109643	110347	1113292	112267	1113836	111000
1109072	110218	1109644	112254	1113294	111760	1113840	110999
1109074	111258	1109647	110347	1113295	112341	1113842	111000
1109087	111190	1109649	110347	1113296	112341	1113844	111000
1109088	111190	1109661	110347	1113353	112243	1113845	111000
1109090	110468	1109702	111000	1113370	112243	1113846	111000
1109091	110468	1109704	111000	1113371	112243	1113847	111000

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>REMY (DELCO) Continued</b>							
1113849	111000	1113975	111000	1114145	112089	1114777	110999
1113850	111000	1113976	111000	1114148	112089	1114789	112258
1113851	111000	1113977	111000	1114149	112089	1114790	111000
1113853	110999	1113978	111000	1114150	112089	1114791	112089
1113855	111000	1113980	111000	1114151	110436	1114793	110999
1113858	111000	1113981	111000	1114152	110436	1114796	112258
1113859	111000	1113982	110999	1114153	110436	1114799	112089
1113860	111000	1113983	111000	1114156	110436	1114802	110436
1113861	111000	1113989	111000	1114157	112089	1114805	110999
1113862	111000	1113990	110999	1114158	110436	1114812	112089
1113866	111000	1113991	111000	1114162	110436	1114813	112089
1113868	111000	1113992	110999	1114164	112089	1114814	112089
1113872	111000	1113993	110999	1114165	112089	1114815	112089
1113876	111000	1113994	111000	1114167	110436	1114816	112089
1113877	111000	1113995	111000	1114168	112258	1114819	110347
1113878	111000	1113997	111000	1114169	110436	1114820	112089
1113880	111000	1113998	110999	1114170	112089	1114823	110436
1113883	111000	1113999	111000	1114172	112089	1114824	110436
1113884	111000	1114002	112089	1114174	110436	1114825	110436
1113885	111000	1114009	112089	1114175	110436	1114826	110436
1113887	111000	1114012	112089	1114179	112089	1114827	110436
1113890	111000	1114022	112089	1114180	112089	1114828	110436
1113892	111000	1114025	112089	1114185	112089	1114832	110436
1113893	111000	1114041	112089	1114186	112089	1114833	110436
1113894	111000	1114051	112089	1114187	112089	1114834	110436
1113895	111000	1114052	112258	1114188	112089	1114835	110436
1113898	111000	1114054	112089	1114189	112089	1114842	111000
1113899	111000	1114055	112089	1114190	110436	1114843	110999
1113900	111000	1114056	112089	1114193	112089	1114844	111000
1113901	110999	1114058	112089	1114194	112089	1114845	110999
1113902	111000	1114064	112089	1114197	112089	1114846	111000
1113903	111000	1114067	112089	1114199	110436	1114847	111000
1113904	110999	1114072	112089	1114703	110436	1114848	111000
1113905	111000	1114073	112089	1114704	110436	1114849	111000
1113906	111000	1114074	112089	1114705	110436	1114850	111000
1113908	111000	1114076	112089	1114706	110999	1114851	111000
1113910	110999	1114077	112258	1114708	110436	1114852	111000
1113911	111000	1114078	112089	1114710	111000	1114853	111000
1113912	111000	1114081	112089	1114711	110999	1114854	111000
1113913	111000	1114082	112089	1114712	110999	1114855	111000
1113914	111000	1114084	112089	1114714	110436	1114856	110999
1113915	111000	1114085	112089	1114715	111000	1114859	110999
1113916	111000	1114086	112089	1114716	112089	1114860	110999
1113919	110999	1114087	112089	1114720	112089	1114872	110999
1113920	111000	1114088	112089	1114722	112089	1114873	111000
1113923	110999	1114090	112089	1114723	112089	1114874	111000
1113924	111000	1114091	112089	1114724	110436	1114875	111000
1113925	111000	1114092	112089	1114725	112089	1114878	111000
1113926	111000	1114095	112089	1114726	112089	1114879	111000
1113928	110999	1114096	112089	1114727	111000	1114880	111000
1113929	111000	1114098	112089	1114728	111000	1114882	110436
1113930	110999	1114099	112089	1114729	110999	1114883	110436
1113934	110999	1114101	112258	1114730	111000	1114885	110436
1113935	111000	1114102	112089	1114735	110999	1114888	110436
1113941	111000	1114107	112089	1114737	111000	1114889	112089
1113942	110999	1114109	110436	1114738	111000	1114890	112089
1113943	110999	1114110	110436	1114740	110999	1114891	112089
1113944	111000	1114111	112089	1114741	112089	1114892	112089
1113948	111000	1114113	112089	1114742	110999	1114893	112089
1113949	110999	1114114	110436	1114747	112089	1114894	112089
1113950	110999	1114115	112089	1114748	110436	1114895	112089
1113951	111000	1114118	112089	1114749	112089	1114896	112089
1113952	111000	1114119	112089	1114750	112089	1114897	112089
1113955	111000	1114122	112089	1114751	112089	1114898	112089
1113956	111000	1114124	112089	1114752	112089	1114899	112089
1113957	111000	1114126	112089	1114754	110436	1114900	112089
1113958	111000	1114127	110436	1114755	111000	1114901	111000
1113959	110999	1114128	112089	1114756	111000	1114903	111000
1113960	110999	1114129	110436	1114759	110999	1114904	112258
1113962	110999	1114130	112089	1114760	111000	1114905	110999
1113965	111000	1114131	112089	1114761	112089	1114906	112089
1113966	111000	1114133	112089	1114762	111000	1114907	112089
1113967	110999	1114136	110436	1114766	112089	1114909	111000
1113968	111000	1114138	110436	1114767	110999	1114910	110999
1113969	110999	1114139	110436	1114769	112089	1114911	110436
1113970	111000	1114140	112089	1114770	112258	1114913	112089
1113971	111000	1114141	110436	1114771	112258	1114914	110999
1113972	111000	1114143	112089	1114775	112258	1114915	111000
1113973	111000	1114144	110436	1114776	111000	1114916	111000

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
1114917	110999	1117655	110801	1979858	110508	1990357	110999
1114920	112258	1117734	112261	1979859	110508	1990358	112089
1114923	111000	1117735	110937	1979860	110233	1990359	110999
1114927	112258	1117743	110937	1979861	110233	1990360	110999
1114928	112089	1117744	112262	1979862	110233	1990361	111000
1114934	112258	1117746	112261	1979863	110233	1990362	110436
1114935	111000	1117801	112264	1979865	110233	1990363	112089
1114936	112258	1117805	112261	1979866	110233	1990364	110999
1114937	112089	1117809	112264	1979867	110233	1990366	110999
1114941	112089	1117811	112264	1988430	110221	1990367	110999
1114944	112258	1117812	112264	1988723	110221	1990368	111000
1114945	110999	1117813	112264	1990202	111000	1990370	110436
1114946	112089	1117814	112262	1990204	110999	1990373	110999
1114947	111000	1117816	112264	1990205	110436	1990374	110436
1114949	110999	1117817	112265	1990219	110436	1990375	112089
1114950	111000	1117828	112265	1990220	110436	1990376	112089
1114951	111000	1117836	112265	1990221	110436	1990377	112258
1114953	110999	1117846	112261	1990224	112089	1990378	111000
1114958	111000	1117880	111232	1990226	113384	1990379	110436
1114961	112089	1117885	112994	1990227	112254	1990382	111000
1114963	111000	1117886	112994	1990229	110347	1990383	111000
1114964	111000	1117887	112994	1990231	110347	1990384	111000
1114967	110436	1117889	112993	1990235	110347	1990385	110436
1114968	110999	1117890	112994	1990237	110347	1990386	112089
1114970	111000	1117891	112996	1990238	112254	1990387	110436
1114971	112089	1117892	112994	1990239	110347	1990388	111000
1114977	110436	1117894	111232	1990246	113384	1990390	111000
1114978	112089	1117897	112160	1990248	110347	1990391	113153
1114979	111000	1117898	112996	1990249	110347	1990393	113153
1114980	110999	1117900	112160	1990250	110347	1990394	110436
1114983	112089	1117905	112994	1990251	110347	1990398	112089
1114984	112089	1117906	111232	1990259	110347	1990399	110436
1114985	112089	1117907	111232	1990260	110347	1990400	112089
1114987	111000	1117909	112995	1990262	110347	1990402	110999
1114989	110999	1117910	112995	1990263	110347	1990403	110436
1117067	112262	1117911	111232	1990264	110347	1990409	111000
1117068	112262	1117912	111232	1990266	110347	1990410	111000
1117069	110591	1117914	112993	1990268	110347	1990411	111000
1117147	110937	1117915	112992	1990269	110347	1990412	111000
1117148	110937	1117916	113432	1990270	110347	1990413	110999
1117160	110937	1117917	112995	1990271	110347	1990414	110999
1117164	110937	1117919	112995	1990272	110347	1990416	111000
1117226	111261	1117920	112995	1990273	110347	1990418	111000
1117229	111261	1117921	112995	1990274	110347	1990420	112089
1117230	111261	1117922	112995	1990276	110347	1990422	111000
1117236	111261	1117924	113432	1990279	111000	1990423	112089
1117238	110591	1117925	111232	1990281	110436	1990424	112089
1117239	111261	1117929	111232	1990282	111000	1990425	110436
1117243	111261	1117931	111232	1990283	110999	1990426	113153
1117248	111261	1117933	113432	1990284	110347	1990429	110436
1117249	110591	1117934	112995	1990290	110436	1990432	110999
1117250	111261	1117941	112996	1990297	110999	1990433	110999
1117253	111261	1117942	111232	1990300	110999	1990437	111000
1117256	110591	1117943	112996	1990304	110436	1990438	112258
1117258	111261	1117947	111232	1990306	112089	1990441	110436
1117481	112262	1117948	113432	1990309	111224	1990443	110436
1117483	112262	1117949	111232	1990310	112255	1990452	110436
1117484	112262	1117950	111232	1990313	112255	1990453	110999
1117485	112262	1117951	111232	1990315	111224	1990455	110999
1117611	112989	1117952	113432	1990316	112255	1990456	111000
1117612	112989	1117953	111232	1990317	112255	1990458	112089
1117613	112989	1117954	111232	1990318	111224	1990460	111000
1117615	110801	1117955	111232	1990319	112255	1990466	110436
1117618	112989	1117956	111232	1990323	112089	1990468	112089
1117619	110801	1117957	112993	1990324	110999	1990469	110436
1117620	112989	1117958	112993	1990325	110436	1990470	112089
1117621	112989	1117959	112993	1990326	111224	1990471	110436
1117622	110801	1117961	112996	1990330	112243	1990474	110999
1117623	110801	1117962	112993	1990332	112243	1990475	112089
1117628	112989	1117964	112995	1990333	113384	1990476	110436
1117640	110801	1117965	111232	1990337	112089	1990477	112089
1117641	112989	1117966	111232	1990343	110999	1990478	112089
1117642	110801	1876552	111258	1990344	111000	1990480	110436
1117643	110801	1901158	113001	1990347	113125	1990483	112089
1117644	110801	1901160	113001	1990348	112089	1990484	113153
1117645	110801	1955603	110216	1990352	112089	1990485	111000
1117647	110801	1970445	111258	1990353	110436	1990487	110436
1117648	110591	1972724	112448	1990354	112089	1990490	112089
1117650	110801	1979857	110508	1990356	110436	1990491	111000

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>REMY (DELCO) Continued</b>							
1990492	110436	1993945	110999	1998438	110216	3471396	110839
1990493	111000	1993954	112169	1998439	110216	3471850	111122
1990495	112089	1993961	110436	1998440	110216	3472021	111364
1990496	110436	1993963	113126	1998441	110216	3472022	113376
1990497	110999	1993974	112255	1998442	112341	3472023	111656
1990499	112256	1993983	110436	1998448	110221	3472024	113376
1990703	110436	1993986	112256	1998450	110221	3472026	111656
1990719	111786	1993988	111224	1998456	112267	3472037	111656
1990809	110999	1998210	111190	1998457	112267	3472038	113376
1990838	111000	1998211	110216	1998460	112233	3472039	113376
1993700	111000	1998213	112897	1998466	112910	3472048	111656
1993701	112256	1998217	110216	1998467	110216	3472049	113376
1993704	110999	1998222	110216	1998468	112268	3472050	110972
1993705	111224	1998223	110216	1998480	110590	3472051	111168
1993707	112243	1998225	111258	1998481	111041	3472052	110972
1993712	111224	1998226	110216	1998484	112268	3472053	110914
1993713	112255	1998227	112897	1998488	111760	3472059	111656
1993719	112255	1998234	112897	1998490	112267	3472061	113376
1993729	112243	1998235	112897	1998502	112911	3472065	110914
1993732	112243	1998236	112897	1998503	112911	3472066	111168
1993741	112256	1998238	110216	1998504	112911	3472067	110972
1993754	111224	1998241	110216	1998506	112267	3472068	110972
1993756	114325	1998242	110216	1998510	112911	3472069	112056
1993762	111224	1998243	110216	1998513	111786	3472070	111800
1993763	112255	1998244	110216	1998514	110221	3472082	111166
1993767	113125	1998246	110216	1998515	110221	3472104	113376
1993769	111224	1998247	110216	1998516	112897	3472105	111166
1993772	110436	1998253	110216	1998520	112911	3472106	111166
1993775	110436	1998266	110468	1998521	110221	3472120	111169
1993778	112255	1998267	110468	1998522	112267	3472121	111169
1993785	112258	1998269	110469	1998523	112911	3472130	112056
1993790	111224	1998270	110469	1998524	111034	3472134	111178
1993794	112255	1998271	110506	1998526	110221	3472139	111166
1993795	110436	1998274	110491	1998527	112910	3472144	112056
1993796	110999	1998280	112233	1998530	110221	3472152	112056
1993797	110999	1998281	110469	1998533	112911	3472188	111800
1993799	111224	1998282	112233	1998544	110221	3472204	113376
1993802	111000	1998295	112007	1998548	112910	3472206	110914
1993803	112089	1998305	111259	1998557	112897	3472208	111168
1993804	110999	1998313	111260	1998558	110216	3472220	110914
1993805	111000	1998314	111786	1998560	110216	3472641	112056
1993806	110436	1998315	112233	1998561	110216	3472706	111166
1993807	112089	1998316	112232	1998562	110216	3491190	111055
1993808	110999	1998317	111277	1998564	112897	3493204	113376
1993810	111000	1998318	111277	1998566	110216	3493214	112165
1993811	110436	1998330	110590	1998568	110216	3493220	111169
1993814	110999	1998334	110604	1998569	110216	3493225	112416
1993815	110999	1998335	110590	1998570	110216	3493230	112056
1993816	112089	1998336	111041	1998574	110216	3493234	111178
1993819	112255	1998337	110472	1998576	111049	3493239	111166
1993820	110436	1998338	110604	1998577	112897	3493244	112056
1993831	113695	1998339	110602	1998579	110218	3493273	112720
1993833	110999	1998340	112268	1998580	111277	3493409	111426
1993836	113153	1998342	110590	1998583	110216	3493454	111514
1993840	110347	1998350	112268	1998584	110216	3493455	111514
1993842	111000	1998351	112269	1998589	110216	3493459	112416
1993854	113125	1998357	112268	1998590	110216	3493604	111166
1993869	112255	1998359	110590	1998591	112897	3493606	111166
1993871	112255	1998373	112268	1998599	112233	3493619	111168
1993874	112255	1998376	110590	2191166	111647	3493620	111800
1993879	114325	1998378	110604	3182972	110509	3493621	111169
1993881	111224	1998383	111041	3471143	110364	3493634	111178
1993885	111007	1998387	111041	3471150	111055	3493639	111166
1993886	111224	1998389	111222	3471155	111056	3493641	112056
1993894	111224	1998394	110604	3471163	110364	3493704	112805
1993901	112243	1998396	112897	3471168	111055	3493706	112775
1993902	112243	1998400	112897	3471169	111127	3493714	111166
1993903	112169	1998401	112341	3471170	111122	3493715	112805
1993909	112243	1998404	112233	3471171	110364	3493716	111166
1993910	112243	1998405	112232	3471172	111055	3493717	112775
1993918	113695	1998408	112267	3471173	111127	3493719	111168
1993924	111000	1998409	110604	3471174	111122	3493721	111169
1993931	112255	1998421	112233	3471177	111055	3493734	111178
1993935	110436	1998423	112267	3471214	110972	3493739	111166
1993937	110436	1998427	111034	3471371	111055	3493741	112056
1993938	110436	1998429	112911	3471377	111056	3493791	112056
1993939	110436	1998435	112897	3471390	110364	3493814	111514
1993942	110436	1998436	110216	3471393	111055	3493823	111426
1993943	110436	1998437	110216	3471394	111056	3493824	111426

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
3493847	112229	9000797	112898	10455340	110469	10459259	113001
3493848	112229	9000798	112897	10455343	110216	10459260	113001
3493855	111514	9000801	111684	10455355	110469	10459261	112160
3493914	111514	9000802	111127	10455503	111849	10459301	112994
3493923	111426	9000804	112907	10455506	111123	10459318	113579
3493927	111426	9000805	112904	10455513	112546	10459320	113579
3493955	111514	9000806	112898	10455516	112546	10459321	113579
8000004	114431	9000819	111786	10455600	112233	10459353	114864
8000006	114460	9000820	111699	10455601	112233	10459367	112996
8000048	114298	9000821	111786	10455602	112232	10459472	112834
8000174	113659	9000822	111699	10455603	110216	10459498	112996
8000180	114341	9000833	112900	10456414	110075	10459510	112996
8000193	111699	9000834	112906	10456415	110075	10459547	112996
8000282	111786	9000837	112902	10456492	112898	10459599	114271
8000286	112534	9000839	112239	10459002	112261	10461006	113125
8000387	114298	9000840	112239	10459006	111261	10461008	112255
8000400	114443	9000841	112241	10459007	110591	10461011	113125
8000484	114443	9000842	112902	10459011	110591	10461021	110436
8200022	114330	9000847	112900	10459016	110937	10461022	112258
8200023	114325	9000850	111699	10459020	112989	10461024	111000
8200029	114013	9000851	111786	10459026	112160	10461025	110999
8200032	114330	9000853	112906	10459037	112996	10461028	113153
8200033	113550	9000854	112902	10459038	112996	10461030	111000
8200034	114330	9000856	112899	10459040	112996	10461031	110999
8200039	114330	9000859	112900	10459041	112996	10461032	110436
8200040	113550	9000860	112240	10459050	113432	10461033	112089
8200041	114330	9000862	112904	10459051	113432	10461034	110436
8200077	114325	9000863	112898	10459052	111232	10461038	112089
8200078	114326	9000866	112906	10459053	111232	10461039	111224
8200086	114013	9000871	112241	10459054	111232	10461042	112089
8200138	111982	9000874	112907	10459059	112996	10461043	111000
8200321	114331	9000875	112905	10459061	111261	10461045	112089
8200330	114330	9000876	112904	10459062	110591	10461046	110436
8200519	113851	9000878	112898	10459064	111261	10461047	111000
8300016	114330	9000879	112240	10459071	110591	10461050	110436
8300018	114330	9000882	112898	10459072	111261	10461051	110436
8300023	114326	9000884	111786	10459076	110591	10461052	112089
8300024	114325	9000885	113679	10459105	112994	10461053	112089
8400156	114512	9000895	111699	10459109	112994	10461054	111000
8400157	114665	9000899	112240	10459111	112996	10461055	113153
8400158	114512	9000902	114341	10459113	111232	10461057	110347
8400159	114665	9000910	112241	10459134	112994	10461059	112258
8400218	114512	9000925	112902	10459135	112996	10461067	112089
8400219	114665	9000926	112905	10459137	111261	10461068	111000
8600015	114359	9000934	114341	10459141	113002	10461075	112089
8600050	114864	9000939	112902	10459142	113002	10461076	112089
8600055	114359	9000967	114341	10459143	113001	10461077	112089
8600060	114359	9000981	111123	10459144	113001	10461080	114416
8600073	114359	10436058	110508	10459148	110591	10461081	113126
8600127	114359	10455004	110221	10459155	112996	10461089	112255
8600171	114359	10455006	110221	10459156	113002	10461107	110999
8600178	114359	10455010	112911	10459157	112994	10461114	112089
8600203	114359	10455011	111034	10459158	112994	10461125	110347
8600313	114351	10455013	111034	10459159	112996	10461126	112089
8600479	114864	10455016	111034	10459160	113002	10461127	112089
8700039	114359	10455017	110221	10459174	112994	10461133	112258
8700040	114359	10455019	112911	10459175	112996	10461136	110999
8700047	114359	10455023	112911	10459176	113002	10461141	114416
9000700	111127	10455024	110221	10459177	112994	10461178	112089
9000719	111786	10455025	112911	10459178	112996	10461179	111000
9000725	111786	10455042	111034	10459179	113002	10461184	111000
9000735	111786	10455048	112911	10459180	113002	10461185	112089
9000751	111127	10455050	111034	10459181	113002	10461194	112258
9000756	111127	10455053	112911	10459182	113001	10461229	112255
9000758	111127	10455054	111034	10459183	113001	10461277	111000
9000761	111786	10455055	112911	10459188	112824	10461278	111000
9000762	111786	10455060	112911	10459189	112824	10461279	112255
9000763	111699	10455065	112912	10459190	112824	10461280	112255
9000768	111786	10455066	112898	10459191	112824	10461285	112267
9000772	111127	10455069	112911	10459192	112824	10461303	111224
9000773	112897	10455070	111034	10459193	112824	10461334	113550
9000775	112904	10455081	112911	10459194	113001	10461357	110999
9000776	112898	10455300	112897	10459195	113002	10461362	114416
9000781	111055	10455301	110216	10459200	112989	10461402	113695
9000785	111127	10455304	110469	10459205	112834	10461405	113695
9000786	112240	10455305	110216	10459210	112996	10461444	113007
9000789	111786	10455306	110216	10459211	111232	10461446	111041
9000791	111127	10455308	110216	10459217	112834	10461447	111041
9000795	111123	10455332	111190	10459254	112834	10461448	110604

Cross reference list

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>REMY (DELCO) Continued</b>							
10461449	110604	10463636	112893	10465167	112240	10479384	111426
10461453	113435	10463651	111712	10465168	112341	10479600	112269
10461459	112269	10463652	111712	10465211	112267	10479604	112653
10461460	112653	10463655	110508	10465293	112897	10479605	112652
10461461	112652	10463678	112884	10465294	112904	10479607	112268
10461463	112268	10463680	112888	10465295	112268	10479611	113435
10461465	112668	10463689	112980	10465309	112898	10479613	110602
10461466	113452	10463690	111712	10465312	112911	10479614	112667
10461469	111760	10463692	112893	10465314	112253	10479615	112253
10461470	111982	10463728	110659	10465365	112267	10479616	111760
10461483	112668	10463734	110703	10465384	112900	10479617	113452
10461486	111760	10463753	113077	10465385	112906	10479618	112253
10461533	110999	10463807	110802	10465386	112907	10479621	112267
10461645	113429	10463820	111406	10465389	112912	10479622	111760
10461753	113550	10463839	112868	10465393	111034	10479623	111760
10461754	114330	10463940	111712	10465399	112267	10479624	112267
10461756	114330	10463966	112615	10465402	112667	10479625	112253
10463007	111090	10464073	112615	10465406	111041	10479626	111982
10463011	110498	10464075	112615	10465440	110485	10479627	110524
10463012	110498	10464078	112980	10465459	112900	10479638	112253
10463013	110499	10464079	112873	10465463	112902	10479641	112253
10463014	110499	10464080	112873	10465490	112911	10479647	114710
10463015	110498	10464081	112893	10465492	112898	10479656	111760
10463016	110499	10464084	112665	10465494	112911	10479802	112338
10463017	110499	10464088	112873	10465520	112241	10479805	110682
10463035	110986	10464089	112873	10465523	112904	10479807	112338
10463036	110986	10464097	112869	10465527	112905	10479808	112338
10463037	110986	10464158	111264	10465537	113429	10479811	110499
10463040	111388	10464165	111315	10465540	113725	10479814	110499
10463043	110503	10464174	111285	10465542	112900	10479815	110503
10463045	112629	10464206	111807	10465546	112898	10479825	110235
10463069	112880	10464209	112977	10465554	112240	10479826	110235
10463072	112260	10464388	111807	10465584	110485	10479827	110235
10463074	112303	10464401	112869	10469143	113001	10479850	110508
10463092	112338	10464403	112874	10478803	110436	10479858	110492
10463094	112636	10464404	112850	10478806	113126	10479874	110984
10463097	110984	10464405	112853	10478809	110347	10479883	110984
10463098	112338	10464409	112615	10478811	113695	10479891	112884
10463099	110985	10464438	112850	10478828	113384	10479902	110499
10463104	112629	10464451	112850	10478846	112254	10479903	111388
10463114	110503	10464477	112861	10478855	110347	10479905	111388
10463118	110724	10465001	111786	10478861	111000	10479906	112629
10463158	112629	10465008	112911	10478864	110999	10479909	110499
10463160	110300	10465009	111786	10478879	110347	10479910	110499
10463164	112338	10465013	112341	10478880	110347	10479911	110499
10463165	112338	10465014	112341	10478883	112254	10479912	112629
10463169	110499	10465015	113435	10478884	110347	10479913	110499
10463175	110503	10465016	110724	10478907	112254	10479914	111514
10463186	110984	10465018	110221	10478911	110347	10479915	112988
10463187	111388	10465021	111127	10478912	110347	10479916	110724
10463206	110499	10465022	111127	10478943	111000	10479921	112338
10463211	110499	10465026	112267	10478946	111000	10479922	112338
10463214	111220	10465027	110221	10478960	113695	10479923	111426
10463245	112338	10465028	110221	10478962	110436	10479924	111713
10463264	110503	10465033	110221	10478963	112089	10479925	111713
10463267	110682	10465034	112911	10478980	111000	10479926	111713
10463308	112448	10465042	111786	10478985	112258	10479927	111713
10463338	112884	10465043	112267	10478986	111000	10479929	111713
10463375	111854	10465044	111041	10478997	110436	10479930	111713
10463377	112886	10465045	111041	10478998	111000	10479947	112229
10463389	111711	10465046	111041	10479052	110436	10479955	111514
10463398	112860	10465047	110604	10479054	111224	10479962	111220
10463406	112613	10465048	110604	10479067	114416	10479963	110503
10463407	112614	10465049	110590	10479079	110471	10479976	112641
10463408	111223	10465050	110590	10479082	113153	10479981	112613
10463413	111711	10465053	112341	10479104	112089	10479984	112614
10463415	112639	10465054	112341	10479107	114325	10479990	111708
10463417	112640	10465058	110602	10479108	112169	10479991	111223
10463418	111711	10465065	111034	10479111	111000	10479993	112337
10463419	110502	10465066	112898	10479115	110999	10479994	112640
10463424	112639	10465075	110225	10479118	110999	10479995	112886
10463425	112640	10465081	110231	10479130	114416	10479997	112640
10463443	111223	10465082	110231	10479142	114416	10479998	110499
10463523	112888	10465096	112911	10479175	112243	10479999	111708
10463531	111388	10465098	112911	10479252	111000	10480000	111846
10463532	111388	10465130	112341	10479264	110999	10480017	111223
10463624	111854	10465143	112897	10479339	110347	10480028	110500
10463630	112615	10465149	112267	10479340	110347	10480036	110499
10463632	112613	10465151	112253	10479343	110347	10480058	110505

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
10480068	110499	10496873	110216	19010175	111232	19020616	113691
10480069	111711	10496874	110216	19010176	111232	19020801	112824
10480072	111223	10496882	112267	19010179	111232	19020803	113579
10480073	111846	10496883	112267	19010181	112994	19020804	113579
10480082	111711	10497079	110471	19010182	112160	19020889	113579
10480084	112639	10497111	112880	19010185	112160	19023060	113827
10480085	110498	10497122	110502	19010187	112996	19024000	110537
10480086	112640	10497145	110502	19010188	112996	19024001	110409
10480087	111711	10497177	112260	19010189	111232	19024005	110538
10480088	110502	10497425	110508	19010191	112996	19024008	110539
10480092	110984	10499176	111232	19010192	111232	19024010	110206
10480093	110984	10663530	110499	19010193	112160	19024011	110533
10480094	112639	10754097	112853	19010195	112160	19024012	111003
10480095	112860	11056709	110234	19010196	112996	19024013	110207
10480096	112860	12301334	111699	19010199	112160	19024015	110208
10480097	110500	12558851	112912	19010200	112160	19024016	110208
10480099	112640	12560672	112902	19010202	112995	19024018	110582
10480104	110500	12563863	112905	19010207	112996	19024024	110512
10480105	110499	12563907	112906	19010212	111232	19024025	110206
10480111	112888	12563908	112902	19010507	114330	19024026	112507
10480114	110499	12563916	112907	19010509	114330	19024027	111249
10480130	112893	12563919	112904	19010615	112232	19024028	111218
10480134	110499	12564089	112899	19010617	112233	19024030	110534
10480136	111388	12564107	112241	19011150	113001	19024035	110535
10480137	111388	12564108	112240	19011151	113001	19024040	110932
10480157	111854	12564109	112898	19011152	113002	19024042	110212
10480167	111712	12567398	112898	19011154	113001	19024046	110582
10480168	111712	12567585	114341	19011155	113002	19024047	111219
10480177	112980	12573853	112902	19011156	113002	19024048	110980
10480182	112615	15750871	112853	19011158	113001	19024049	110981
10480184	112868	15754097	113777	19011159	113002	19024051	110210
10480187	112614	15768830	112853	19011160	113001	19024052	111046
10480188	112613	18000004	114431	19011161	113002	19024053	110213
10480189	111223	19010000	110591	19011162	113001	19024054	110532
10480190	111223	19010001	111261	19011163	113002	19024063	111219
10480198	111712	19010002	110591	19011171	113002	19024071	110531
10480201	112884	19010006	111261	19011173	113002	19024072	112120
10480203	112888	19010008	110591	19011174	113001	19024075	110205
10480206	112893	19010020	111261	19011189	114864	19024076	112119
10480214	112165	19010024	110591	19011191	114271	19024077	110214
10480215	112165	19010100	111232	19011195	114864	19024078	110212
10480222	111426	19010101	112994	19011205	114271	19024080	111231
10480225	112416	19010104	112996	19011206	114271	19024085	112116
10480226	111514	19010105	112994	19011501	113851	19024099	110208
10480229	112850	19010108	112160	19011504	114003	19024101	113850
10480234	112853	19010111	112160	19011506	113550	19024106	110981
10480240	112615	19010115	112995	19011507	114330	19024109	110206
10480251	112665	19010116	112996	19011509	114330	19024179	111771
10480252	111223	19010120	112993	19011511	114013	19024196	113851
10480254	112665	19010126	112995	19011516	113550	19024201	110520
10480255	112893	19010127	112995	19011518	113550	19024202	110522
10480262	112615	19010128	112995	19011521	113550	19024204	110524
10480264	112615	19010134	111232	19011522	114330	19024205	110525
10480273	112720	19010136	112993	19011523	114330	19024223	110525
10480282	112980	19010137	112993	19011530	113550	19024224	110536
10480296	112873	19010138	111232	19020300	112824	19024225	110524
10480297	112873	19010139	112995	19020302	112824	19024226	110523
10480299	112869	19010145	112996	19020303	112824	19024229	110519
10480307	112615	19010147	112996	19020305	112834	19024230	110529
10480310	112873	19010148	112160	19020306	112834	19024231	110521
10480311	112873	19010150	112996	19020307	112160	19024232	110518
10480313	112873	19010153	111232	19020310	112834	19024233	110527
10480326	112850	19010154	112993	19020323	112824	19024234	110523
10480332	112869	19010155	111232	19020376	112160	19024235	110536
10480347	112874	19010156	113432	19020377	112824	19024236	110524
10480366	112873	19010157	112993	19020382	112160	19024238	110530
10480378	112615	19010158	112993	19020383	112160	19024239	110368
10480384	111426	19010159	112993	19020387	113579	19024241	110812
10480388	112850	19010160	112993	19020388	113579	19024242	110517
10480390	112853	19010161	112993	19020389	113579	19024249	110368
10480407	113771	19010162	112993	19020391	112160	19024250	111001
10490000	111846	19010163	112993	19020501	110233	19024252	110536
10490073	111846	19010166	112993	19020507	111216	19024253	110522
10495397	112911	19010168	112995	19020600	114172	19024255	110814
10495425	110508	19010170	112996	19020601	113685	19024256	110518
10495426	110508	19010171	111232	19020608	113692	19024257	111752
10495427	110508	19010172	111232	19020609	113685	19024258	110524
10495429	110508	19010173	111232	19020614	113693	19024260	112037
10496871	112897	19010174	111232	19020615	113694	19024261	111793

Cross reference list

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>REMY (DELCO) Continued</b>							
19024262	111399	19025772	110350	321-1797	112615	323-864	113153
19024264	111640	19025786	110612	321-1798	112850	323-871	112089
19024272	110529	19025787	111035	321-1811	112850	323-879	113126
19024273	110521	19025789	111035	321-1846	112861	334-2145	112448
19024280	113466	19025791	111036	321-275	112880	336-2002	112902
19024286	113468	19025799	111032	321-339	112629	CER3087	112251
19024294	114397	19026026	113827	321-367	112880	DRA0005	114524
19024550	110512	19026031	114325	321-409	110724	DRA0006	113919
19024553	110207	19026032	114326	321-431	110984	DRA0007	113718
19024554	111249	19070006	112561	321-439	112629	DRA0007N	113718
19024555	110208	19070007	113351	321-452	112629	DRA0009	113407
19024556	110512	19070008	113351	321-479	112629	DRA0014	113791
19024561	110537	19070009	113351	321-503	112629	DRA0017	113954
19024562	110537	19070014	113351	321-523	110682	DRA0021	113253
19024563	110409	19070015	113351	321-594	112884	DRA0023	113709
19024565	111217	19070016	113351	321-602	111261	DRA0023N	113709
19024566	111217	19070032	112581	321-603	112260	DRA0024	113710
19024576	110208	19070033	113608	321-654	110300	DRA0024N	113710
19024578	110601	19070036	112224	321-655	110591	DRA0035	113439
19024654	110429	19070039	111982	321-660	110801	DRA0036	113996
19024660	110429	19070058	112561	321-665	110801	DRA0042	114701
19024678	111091	21022992	112861	321-666	112989	DRA0061N	112327
19024688	112487	21023969	112861	321-667	111713	DRA0067	113946
19024706	111092	21024485	112861	321-687	112996	DRA0074	113792
19024709	112487	21024486	112861	321-688	113432	DRA0075	113792
19024713	112487	21024726	112861	321-697	110591	DRA0078	113253
19024729	112864	21024727	112861	321-698	111261	DRA0079	111309
19024730	112317	21025094	112861	321-731	113002	DRA0082	115317
19024731	112318	21025339	112861	321-732	113002	DRA0093	114352
19024732	112318	24507410	112911	321-733	113001	DRA0095	112355
19024743	112317	29219091	111708	321-734	113001	DRA0098	114250
19024813	110523	89000853	112906	321-739	112824	DRA0099	112351
19024815	110551	94039465	113131	323-1062	112900	DRA0104	114354
19024817	110565	94052175	113131	323-1063	112906	DRA0107	115309
19024821	110819	96206871	113498	323-1064	112912	DRA0110	111649
19024824	110536	96208781	111123	323-1065	112912	DRA0112	110236
19024833	110608	96208782	111684	323-1145	112907	DRA0112	114005
19024838	111025	96208785	111848	323-1188	112667	DRA0113	113535
19024839	110352	96224431	111846	323-1396	112900	DRA0115	114112
19025037	110611	96224432	111708	323-1400	112902	DRA0116	113348
19025042	111180	96252115	113498	323-1430	112907	DRA0119	113978
19025044	112097	96252547	111846	323-1432	112904	DRA0120	110899
19025045	111138	96252551	111846	323-1434	112241	DRA0120	111035
19025046	110890	96255115	113498	323-1446	112905	DRA0120	111180
19025049	110912	96275481	111849	323-1449	112898	DRA0120	111418
19025051	111035	96289430	113860	323-1476	112905	DRA0130	110641
19025056	110912	96341300	113498	323-1483	112902	DRA0135	110514
19025057	112097	96380673	114114	323-287	112910	DRA0135	113283
19025059	111654	96404010	113349	323-350	112911	DRA0138	113896
19025060	111686	96404011	113498	323-394	111786	DRA0140	110641
19025062	111654	96450663	111848	323-404	111786	DRA0140	111662
19025063	111180	96550792	111684	323-408	113435	DRA0149	114210
19025066	110612	96566262	111847	323-411	110221	DRA0150	112098
19025067	110912	96567255	114114	323-419	112267	DRA0154	114245
19025068	111418	96569440	111849	323-421	110221	DRA0159	114736
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19025070	111093	15754097M	113777	323-427	110221	DRA0164	110542
19025071	110913	17610-Q1010	111805	323-428	112911	DRA0167	111719
19025074	110112	321-1006	112886	323-429	112911	DRA0170	112098
19025075	110043	321-1015	110508	323-457	112898	DRA0177	113883
19025076	111621	321-1016	112629	323-472	112911	DRA0177N	113883
19025100	112159	321-1018	112860	323-474	112911	DRA0178	113912
19025101	112076	321-1056	112888	323-480	112897	DRA0179	114042
19025107	112159	321-1095	112893	323-488	112897	DRA0181	112469
19025109	113448	321-1131	112980	323-489	112904	DRA0182	113941
19025110	113448	321-1134	112893	323-501	112898	DRA0186	113742
19025111	113448	321-1139	112868	323-503	112911	DRA0188	111808
19025112	113448	321-136	112448	323-529	112911	DRA0190	111141
19025113	112561	321-1426	112980	323-531	112898	DRA0191	113755
19025114	111886	321-1427	112873	323-533	112911	DRA0192	113600
19025304	110544	321-1428	112873	323-540	110394	DRA0195	114111
19025330	111833	321-1429	112893	323-677	111699	DRA0198	114102
19025333	111842	321-1436	112873	323-823	112267	DRA0201	114109
19025339	112424	321-1437	112873	323-824	112267	DRA0205	113946
19025347	110544	321-1441	112869	323-829	110436	DRA0208	114080
19025600	110060	321-1747	112874	323-830	110436	DRA0211	112688
19025602	110061	321-1748	112850	323-840	113125	DRA0218	114088
19025761	110612	321-1749	112853	323-842	112255	DRA0220	110735
19025771	110349	321-1753	112615	323-855	110436	DRA0221	113863

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
DRA0221N	113863	DRA0590	111652	DRA0970	111686	DRA1680	110179
DRA0225	114857	DRA0600	111652	DRA0980	110890	DRA1680	110969
DRA0225N	114857	DRA0610	110360	DRA0980	110912	DRA1680	111184
DRA0229	114658	DRA0610	111287	DRA0980	111138	DRA1691	110178
DRA0231	113993	DRA0620	110913	DRA0980	112719	DRA1691	110179
DRA0234	113970	DRA0637	111847	DRA0990	110769	DRA1691	110759
DRA0240	110877	DRA0667	114813	DRA0993	111156	DRA1691	111185
DRA0240	110887	DRA0670	110877	DRA1000	110916	DRA1691	113378
DRA0246	113969	DRA0680	110877	DRA1000	111075	DRA1741	110745
DRA0248	114090	DRA0684	113971	DRA1001	110916	DRA1741	110769
DRA0252	114110	DRA0696	114694	DRA1002	111075	DRA1751	110745
DRA0253	112142	DRA0700	110877	DRA1003	111075	DRA1931	110743
DRA0259	111796	DRA0700	112310	DRA1010	111652	DRA1932	110743
DRA0262	113529	DRA0710	110911	DRA1023	114081	DRA1941	110745
DRA0263	113961	DRA0710	110975	DRA1030	110975	DRA1981	110144
DRA0264	113763	DRA0722	114662	DRA1040	110911	DRA2011	110745
DRA0265	110175	DRA0730	111085	DRA1040	111652	DRA2061	111075
DRA0265	110176	DRA0730	112310	DRA1040	111078	DRA2074	114665
DRA0267	110176	DRA0740	110360	DRA1050	110759	DRA2074N	114665
DRA0272	111576	DRA0740	110913	DRA1050	111289	DRA2101	110611
DRA0273	111761	DRA0750	110913	DRA1050	112683	DRA2111	112097
DRA0274	113549	DRA0750	112098	DRA1060	110975	DRA2121	110349
DRA0277	113283	DRA0760	110759	DRA1060	111652	DRA2121	110890
DRA0278	112357	DRA0760	111086	DRA1080	110730	DRA2241	111071
DRA0279	112583	DRA0760	111289	DRA1080	110968	DRA2301	111289
DRA0280	111166	DRA0770	110969	DRA1090	111153	DRA2311	111072
DRA0286	115494	DRA0770	111086	DRA1100	110360	DRA2341	111035
DRA0293	113862	DRA0770	111184	DRA1100	110913	DRA2341	111078
DRA0295	113488	DRA0770	111289	DRA1110	110913	DRA2341N	111078
DRA0299	114025	DRA0780	110969	DRA1114	114845	DRA2381	110137
DRA0300	110116	DRA0780	111086	DRA1120	111096	DRA2381	110138
DRA0301	112384	DRA0780	111289	DRA1190	110112	DRA2381	110258
DRA0303	112144	DRA0781	114287	DRA1193	110048	DRA2391	110138
DRA0305	112144	DRA0790	110612	DRA1210	110911	DRA2401	110137
DRA0316	112721	DRA0790	110968	DRA1210	113758	DRA2401	110138
DRA0316	114251	DRA0790	111289	DRA1230	110116	DRA2401	110258
DRA0319	114114	DRA0790	113574	DRA1240	110880	DRA2421	110138
DRA0321	113640	DRA0800	110179	DRA1250	110043	DRA2431	110128
DRA0324	113634	DRA0800	110759	DRA1251	110043	DRA2431	110264
DRA0325	112327	DRA0800	111086	DRA1251	111834	DRA2441	110129
DRA0326	113212	DRA0810	111178	DRA1260	110766	DRA2451	110133
DRA0329	110801	DRA0810	112775	DRA1262	110766	DRA2541	110129
DRA0331	111261	DRA0830	111166	DRA1270	112098	DRA2571	110138
DRA0331	112261	DRA0830	111178	DRA1272	112098	DRA2571	110258
DRA0334	110801	DRA0830	112098	DRA1290	110751	DRA2581	110138
DRA0335	112360	DRA0834	114379	DRA1300	111141	DRA2591	110138
DRA0336	114043	DRA0840	111178	DRA1310	110113	DRA2591	110248
DRA0337	114218	DRA0840	112271	DRA1310	110358	DRA2601	110318
DRA0340	111478	DRA0843	111178	DRA1320	110117	DRA2601	111796
DRA0342	114704	DRA0850	110077	DRA1320	110766	DRA2611	110318
DRA0343	112394	DRA0850	110914	DRA1330	112736	DRA2621	110134
DRA0345	110540	DRA0850	111767	DRA1340	112097	DRA2641	110134
DRA0347	113856	DRA0850	111841	DRA1350	111086	DRA2641	110136
DRA0349	113698	DRA0864	115340	DRA1350	111289	DRA2651	110168
DRA0350	110887	DRA0870	111656	DRA1350	111362	DRA2651	110307
DRA0351	113559	DRA0880	111166	DRA1360	110971	DRA2661	110168
DRA0368	114806	DRA0880	111187	DRA1360	112098	DRA2661	110307
DRA0376	113987	DRA0880	111467	DRA1380	110178	DRA2661	110318
DRA0382	112352	DRA0880	113376	DRA1380	110968	DRA2671	110260
DRA0386	113324	DRA0882	111166	DRA1380	111185	DRA2671	110307
DRA0387	114023	DRA0882	113376	DRA1380	111289	DRA2671	110458
DRA0389	112384	DRA0900	110914	DRA1390	110880	DRA2681	110168
DRA0399	113489	DRA0900	110972	DRA1410	111138	DRA2691	110273
DRA0404	114664	DRA0900	111168	DRA1410	112768	DRA2710	112742
DRA0406	114079	DRA0903	114779	DRA1430	110358	DRA2720	110076
DRA0407	114518	DRA0909	114229	DRA1450	110761	DRA2720	111834
DRA0408	112492	DRA0910	110914	DRA1470	110360	DRA2721	110076
DRA0409	113991	DRA0920	110972	DRA1480	110767	DRA2741	110920
DRA0411	113972	DRA0920	111168	DRA1500	110919	DRA2781	110349
DRA0415	115381	DRA0920	112056	DRA1500	110975	DRA2781	110350
DRA0416	114158	DRA0923	111168	DRA1500	111652	DRA2790	111076
DRA0453	114827	DRA0930	110972	DRA1520	111652	DRA2790	112149
DRA0520	110895	DRA0930	111168	DRA1520	111653	DRA2790	112162
DRA0534	114304	DRA0933	111168	DRA1530	111653	DRA2793	112162
DRA0540	111139	DRA0940	110612	DRA1540	111670	DRA2800	110358
DRA0560	110891	DRA0940	111035	DRA1590	111629	DRA2930	110881
DRA0562	114247	DRA0940	111085	DRA1600	111629	DRA2940	110881
DRA0576	111381	DRA0940	111148	DRA1671	110975	DRA2950	112753
DRA0580	111652	DRA0970	110890	DRA1680	110178	DRA2950	112813

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>REMY (DELCO) Continued</b>							
DRA2960	110881	DRA3127	110445	DRA3267	111352	DRA3384	112772
DRA3013	110178	DRA3128	112125	DRA3267	111891	DRA3385	112298
DRA3013	110968	DRA3129	112769	DRA3268	111479	DRA3386	110448
DRA3013	111289	DRA3130	112730	DRA3269	111477	DRA3393	111610
DRA3013	113474	DRA3135	111319	DRA3269	111820	DRA3394	111413
DRA3015	111184	DRA3137	111319	DRA3274	111176	DRA3396	113536
DRA3015	111185	DRA3140	111149	DRA3274	111289	DRA3397	111689
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DRA3023	110927	DRA3145	110802	DRA3275N	111187	DRA3403	111409
DRA3024	110138	DRA3145	110804	DRA3276	111238	DRA3403	113942
DRA3025	110664	DRA3145N	110802	DRA3276N	111238	DRA3406	111416
DRA3025	110692	DRA3146	110802	DRA3278	111406	DRA3408	113471
DRA3027	112297	DRA3148	110957	DRA3279	111294	DRA3408N	111036
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DRA3036	110805	DRA3157	110675	DRA3284	111654	DRA3415	111505
DRA3037	110660	DRA3157	111428	DRA3286	111738	DRA3416	111416
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DRA3046	111692	DRA3167	111342	DRA3293	111366	DRA3423	112681
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DRA3049	110684	DRA3174	111337	DRA3294	111355	DRA3427	111368
DRA3049	114203	DRA3176	111237	DRA3294	112238	DRA3428	112325
DRA3053	110678	DRA3178	113519	DRA3294	112722	DRA3429	111176
DRA3055	110496	DRA3180	110919	DRA3295	111427	DRA3433	112718
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DRA3055	111705	DRA3184	110666	DRA3296N	111186	DRA3434	110891
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DRA3059	111428	DRA3185	110804	DRA3298N	111467	DRA3435	111185
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DRA3063	111754	DRA3189	112210	DRA3304	111435	DRA3437	111609
DRA3064	110258	DRA3190	111652	DRA3305	110679	DRA3438	111309
DRA3064	111483	DRA3193	111372	DRA3306	110663	DRA3439	111405
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DRA3064	114288	DRA3195	110631	DRA3310	110968	DRA3445	113632
DRA3064N	111483	DRA3199	111361	DRA3310	111289	DRA3448	111787
DRA3066	110745	DRA3203	111264	DRA3314	110811	DRA3449	110564
DRA3069	111156	DRA3203	111268	DRA3314N	110811	DRA3453	110620
DRA3070	113469	DRA3204	111266	DRA3316	111240	DRA3454	112191
DRA3074	111171	DRA3206	110707	DRA3316N	111240	DRA3455	111409
DRA3076	111171	DRA3208	110700	DRA3320	110105	DRA3455	113939
DRA3078	112755	DRA3208	111316	DRA3326	111268	DRA3457	110891
DRA3083	111321	DRA3208N	110700	DRA3330	110766	DRA3458	110970
DRA3083	111403	DRA3209	111747	DRA3334	111614	DRA3458	111948
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DRA3084	111403	DRA3213	110702	DRA3336	111279	DRA3461	110137
DRA3084	113839	DRA3215	110701	DRA3337	110967	DRA3461	110138
DRA3086	112756	DRA3215N	110701	DRA3339	111435	DRA3461	110258
DRA3087	111841	DRA3216	112093	DRA3344	111616	DRA3461	110374
DRA3087	112744	DRA3216N	112093	DRA3345	111613	DRA3463	111948
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DRA3098	110664	DRA3225	110682	DRA3350	110913	DRA3466	113832
DRA3099	110694	DRA3226	110686	DRA3353	111411	DRA3468	110672
DRA3100	111146	DRA3229	111280	DRA3355	111418	DRA3469	111872
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DRA3103	110706	DRA3235	114026	DRA3364	111326	DRA3471	110168
DRA3104	110659	DRA3236	112230	DRA3367	111743	DRA3471	110267
DRA3104	110957	DRA3236	112292	DRA3368	110607	DRA3471	110307
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DRA3105	111179	DRA3243	110619	DRA3369	111623	DRA3473	111626
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DRA3117	111578	DRA3249	111326	DRA3375N	111587	DRA3474	112128
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DRA3120	111147	DRA3263	111820	DRA3377N	111491	DRA3478	112207
DRA3124	110567	DRA3265	111803	DRA3377N	114081	DRA3478	112329
DRA3124N	110567	DRA3266	111352	DRA3379	113832	DRA3479	111426

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
DRA3479N	111426	DRA3643	113684	DRA3794N	112271	DRA3940	113574
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DRA3483N	112228	DRA3646	111802	DRA3799	114242	DRA3946	113317
DRA3484	112087	DRA3648	111795	DRA3799N	114242	DRA3947	113697
DRA3484N	112087	DRA3649	112143	DRA3806N	113887	DRA3948	113317
DRA3487	111512	DRA3653	112142	DRA3807	112465	DRA3949	112648
DRA3494	110622	DRA3654	110968	DRA3808	113407	DRA3953	113404
DRA3498	111517	DRA3655	111797	DRA3809	112462	DRA3964	111179
DRA3503	111579	DRA3655N	111797	DRA3815	112648	DRA3966	113758
DRA3504	111605	DRA3656	113914	DRA3816	113404	DRA3967	111741
DRA3505	114203	DRA3663	111767	DRA3820	110116	DRA3970	111156
DRA3506	111518	DRA3664	112406	DRA3823	112461	DRA3993	110622
DRA3507	111678	DRA3667	112722	DRA3823	114798	DRA3994	110891
DRA3508	111518	DRA3673	111788	DRA3824	114114	DRA4003	111072
DRA3509	111705	DRA3674	112025	DRA3824N	114114	DRA4010	112725
DRA3514	111482	DRA3677	113763	DRA3827	111951	DRA4020	112734
DRA3514	111536	DRA3679	112021	DRA3830	110770	DRA4027	112151
DRA3515	111537	DRA3683	111384	DRA3830	111289	DRA4033	112472
DRA3517	112356	DRA3686	112194	DRA3830	111356	DRA4034	111652
DRA3517	113078	DRA3686	112539	DRA3830	111364	DRA4035	113772
DRA3518	111483	DRA3687	112528	DRA3830	111366	DRA4035N	113772
DRA3518N	111483	DRA3689	111376	DRA3834	111293	DRA4036	111720
DRA3519	110629	DRA3693	111627	DRA3835	113952	DRA4037	111409
DRA3519N	110629	DRA3695	112129	DRA3836	112718	DRA4039	112458
DRA3525	112815	DRA3696	111806	DRA3837	111740	DRA4040	110911
DRA3526	112810	DRA3697	111704	DRA3840	111528	DRA4040	111652
DRA3527	111631	DRA3698	111812	DRA3841	111658	DRA4040	111653
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DRA3536	112121	DRA3704	111514	DRA3848	111929	DRA4049	113249
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DRA3538	112696	DRA3706	112058	DRA3849	111493	DRA4058	111947
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DRA3543	112679	DRA3708	110931	DRA3860	111086	DRA4065	112468
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DRA3550	111629	DRA3727	112679	DRA3869	112205	DRA4079	112349
DRA3553	111569	DRA3728	111934	DRA3874	112210	DRA4080	111147
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DRA3556	110178	DRA3735	111937	DRA3875N	111626	DRA4087	111384
DRA3556	110968	DRA3736	112165	DRA3880	110882	DRA4088	113251
DRA3557	112705	DRA3736N	112165	DRA3880	112768	DRA4088N	113251
DRA3558	111629	DRA3738	111598	DRA3887	112069	DRA4089	112425
DRA3558	112343	DRA3739	111507	DRA3888	112068	DRA4093	112327
DRA3559	110969	DRA3740	110923	DRA3889	111955	DRA4094	112328
DRA3563	111184	DRA3740	111093	DRA3890	110912	DRA4095	113383
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DRA3575	110179	DRA3745N	111601	DRA3895	111264	DRA4099	112457
DRA3575	110969	DRA3746	111484	DRA3896	111726	DRA4105	113296
DRA3583	111756	DRA3748	111596	DRA3897	110707	DRA4108	112101
DRA3586	112939	DRA3749	111538	DRA3898	110660	DRA4110	111147
DRA3587	112021	DRA3753	112557	DRA3899	110660	DRA4113	112199
DRA3588	110891	DRA3754	112144	DRA3903	112416	DRA4114	113640
DRA3589	111846	DRA3755	113405	DRA3903N	112416	DRA4116	113888
DRA3589N	111846	DRA3756	112203	DRA3904	112720	DRA4119	113486
DRA3593	111708	DRA3757	112202	DRA3904N	112720	DRA4124	111536
DRA3593N	111708	DRA3759	114386	DRA3905	112272	DRA4126	112042
DRA3608	111295	DRA3764	111498	DRA3905N	112272	DRA4128	113640
DRA3616	112540	DRA3766	111568	DRA3906	113575	DRA4136	113864
DRA3619	113848	DRA3768	113336	DRA3906N	113575	DRA4137	113349
DRA3620	112288	DRA3768	113943	DRA3907	112469	DRA4137N	113349
DRA3623	111397	DRA3769	111860	DRA3907N	112469	DRA4139	111342
DRA3625	112467	DRA3773	112798	DRA3914	113403	DRA4140	112730
DRA3625N	112467	DRA3777	111176	DRA3915	112470	DRA4143	113708
DRA3627	111723	DRA3778	111176	DRA3917	111722	DRA4143N	113708
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DRA3637	113349	DRA3786	111296	DRA3926	111779	DRA4146N	113771
DRA3637	113498	DRA3787	112324	DRA3927	111950	DRA4148	114673
DRA3637N	113498	DRA3789	111831	DRA3928	111779	DRA4149	113248
DRA3638	113350	DRA3789N	111831	DRA3929	112332	DRA4153	112387
DRA3638N	113350	DRA3794	112271	DRA3933	111965	DRA4155	113836

## STARTERS & ALTERNATORS

O. E. M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>REMY (DELCO) Continued</b>							
DRA4156	113510	DRA4291	110136	DRA5501N	111705	DRA7112	110891
DRA4157	112428	DRA4311	110138	DRA5521	110248	DRA7160	113472
DRA4164	113947	DRA4311	112270	DRA5630	111686	DRA7221	110163
DRA4166	112428	DRA4321	110250	DRA5641	111036	DRA7231	110163
DRA4166N	112428	DRA4341	110563	DRA5641N	111036	DRA7241	111331
DRA4173	112333	DRA4350	112784	DRA5700	112771	DRA7271	110620
DRA4173N	112333	DRA4370	111658	DRA5720	112780	DRA7271	111048
DRA4174	113328	DRA4370	112345	DRA5760	110882	DRA7301	111171
DRA4174N	113328	DRA4391	110348	DRA5760	111418	DRA7311	113500
DRA4175	113519	DRA4400	110895	DRA5841	110908	DRA7321	111325
DRA4176	113519	DRA4400N	110895	DRA5871	110692	DRA7321	112756
DRA4177	113517	DRA4420	111419	DRA5890	112774	DRA7340	112194
DRA4178	113657	DRA4420	111987	DRA5910	113470	DRA7380	112194
DRA4179	111529	DRA4430	112747	DRA6000	111157	DRA7380	112539
DRA4180	110107	DRA4450	111164	DRA6010	110770	DRA7410	110895
DRA4186	113245	DRA4460	111169	DRA6010	111289	DRA7410N	110895
DRA4187	113253	DRA4460	111800	DRA6010	111362	DRA7420	111629
DRA4188	113253	DRA4460	112056	DRA6020	111289	DRA7440	113920
DRA4194	112471	DRA4463	111169	DRA6041	111176	DRA7440N	113920
DRA4195	113503	DRA4463	111800	DRA6050	112725	DRA7450	110105
DRA4196	112363	DRA4463	112056	DRA6060	111356	DRA7450	113632
DRA4197	113948	DRA4463	112229	DRA6060	111364	DRA7460	112764
DRA4199	112506	DRA4470	110891	DRA6110	111289	DRA7760	112803
DRA4200	111289	DRA4480	111148	DRA6150	111293	DRA7770	112159
DRA4203	113331	DRA4490	111154	DRA6150	111741	DRA7890	110881
DRA4203N	113331	DRA4500	111094	DRA6160	112759	DRA7970	112539
DRA4204	112334	DRA4520	111288	DRA6215	112056	DRA7990	112194
DRA4206	113536	DRA4530	110902	DRA6230	112768	DRA8080	111154
DRA4207	113939	DRA4550	111287	DRA6240	112076	DRA8100	112729
DRA4208	113245	DRA4560	111095	DRA6240	112758	DRA8160	111369
DRA4209	110107	DRA4560	111287	DRA6241	112758	DRA8170	112529
DRA4209	111948	DRA4570	112149	DRA6250	112056	DRA8180	112806
DRA4210	112779	DRA4580	112735	DRA6251	112056	DRA8260	112530
DRA4213	113949	DRA4590	110877	DRA6260	112763	DRA8281	110631
DRA4214	113755	DRA4600	111842	DRA6263	111288	DRA8290	111833
DRA4217	112772	DRA4610	112343	DRA6263	112763	DRA8300	112777
DRA4218	112299	DRA4620	110358	DRA6270	112777	DRA8320	112812
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DRA4220	112149	DRA4650	111178	DRA6301	110675	DRA8600	111732
DRA4223	112334	DRA4652	111166	DRA6301	111428	DRA8600	112229
DRA4226	112128	DRA4660	112056	DRA6360	112734	DRA8600N	112229
DRA4227	111594	DRA4662	112056	DRA6370	112774	DRA8610	111676
DRA4228	113956	DRA4700	112746	DRA6390	112774	DRA8610	113885
DRA4228N	113956	DRA4710	112746	DRA6480	112162	DRA8630	112557
DRA4230	112149	DRA4730	110993	DRA6501	110385	DRA8791	112299
DRA4233	114120	DRA4740	110920	DRA6510	111287	DRA8791	112772
DRA4234	113786	DRA4740	111082	DRA6530	111170	DRA8791N	112299
DRA4236	113922	DRA4740	112298	DRA6532	111170	DRA8841	111803
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DRA4238	113710	DRA4801	111171	DRA6542	111170	DRA8930N	112086
DRA4238N	113710	DRA4810	112744	DRA6561	111368	DRA8940	112712
DRA4239	113849	DRA4821	110921	DRA6581	111754	DRA8950	111991
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DRA4243	113720	DRA4832	112754	DRA6641	110374	DRA9030	112709
DRA4244	113722	DRA4861	110889	DRA6641	110620	DRA9080	113885
DRA4246	114129	DRA4890	112739	DRA6651	111035	DRA9090	111988
DRA4247	113912	DRA4910	111629	DRA6660	111157	DRA9100	112687
DRA4247N	113912	DRA4940	113611	DRA6660	112750	DRA9130	111987
DRA4248	114128	DRA4990	111152	DRA6690	111293	DRA9150	112810
DRA4249	113721	DRA4990	111154	DRA6750	111620	DRA9150	112813
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DRA4250	111152	DRA5020	112453	DRA6750	111686	DRA9210	111991
DRA4253	113720	DRA5061	110137	DRA6770	113864	DRA9230	112689
DRA4260	111141	DRA5061	110258	DRA6780	111860	DRA9240	111426
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DRA4266	113881	DRA5331	110631	DRA6810	111354	DRA9300	113485
DRA4268	113330	DRA5331	110632	DRA6820	111354	DRA9340	112076
DRA4270	110906	DRA5341	112970	DRA6820	112529	DRA9350	111903
DRA4273	114130	DRA5411	110264	DRA6860	113839	DRA9370	111902
DRA4275	114115	DRA5411	112270	DRA6920	111146	DRA9450	112799
DRA4278	114214	DRA5431	110267	DRA6930	110360	DRA9460	112860
DRA4283	114215	DRA5431	110703	DRA6941	113500	DRA9481	112683
DRA4284	114010	DRA5501	110678	DRA6961	110622	DRA9490	111886
DRA4285	113956	DRA5501	111435	DRA7031	110692	DRA9501	111687
DRA4289	114877	DRA5501	111705	DRA7040	111157	DRA9501N	111687

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
DRA9510	113447	DRB1500N	111989	DRB4010	113352	DRS0037	113937
DRA9520	111988	DRB1500N	115482	DRB4011	113352	DRS0040	110364
DRA9520	112045	DRB1510	112075	DRB4020	113352	DRS0048	113702
DRA9530	111842	DRB1510N	112075	DRB4030	112415	DRS0049N	114047
DRA9570	111891	DRB1530	112197	DRB4060	112424	DRS0051	112053
DRA9650	111895	DRB1550	113489	DRB4210	111824	DRS0053	114171
DRA9690	112777	DRB1590	112197	DRB4300	112399	DRS0054	113756
DRA9690	113758	DRB1640	111833	DRB4310	113283	DRS0056	114523
DRA9700	113833	DRB1650	111850	DRB4320	113882	DRS0057	111982
DRA9711	110968	DRB1730	112072	DRB4340	112398	DRS0061	114001
DRA9760	111893	DRB1750	112426	DRB4460	113252	DRS0063	113719
DRA9780	111318	DRB1750N	112426	DRB4850	112396	DRS0065	112373
DRA9790	112561	DRB1750X	112426	DRB5160	113188	DRS0067	112442
DRA9800	112098	DRB1760	112428	DRB5160	115484	DRS0068	114123
DRA9810	113531	DRB1760N	112428	DRB5170N	113923	DRS0071	113796
DRA9831	113868	DRB1840	112046	DRB5170X	113923	DRS0077	114169
DRA9870	112693	DRB1860	112002	DRB5290	113351	DRS0079	114108
DRA9881	111623	DRB1860	114797	DRB5290	115557	DRS0091	113638
DRA9881	111742	DRB1870	112397	DRB5290N	113351	DRS0093	114161
DRA9891	112698	DRB1870N	112397	DRB5290N	115557	DRS0094	114283
DRA9941	112703	DRB1890	113754	DRB5300	113874	DRS0095	113977
DRB0004	114036	DRB1900	112402	DRB5340	113992	DRS0098	114477
DRB0004N	114036	DRB1910	112273	DRB5360	113884	DRS0099	113931
DRB0170	113442	DRB1920	112274	DRB5370	113913	DRS0099N	113931
DRB0180	111890	DRB1920N	112274	DRB5370N	113913	DRS0100	113851
DRB0201	112287	DRB1930	112460	DRB5380	113877	DRS0103	113960
DRB0201N	112287	DRB1940	112097	DRB5420	113274	DRS0104	113727
DRB0211	112688	DRB1950	112198	DRB5691	113788	DRS0105	111273
DRB0211N	112688	DRB1960	112407	DRB5801	113322	DRS0106	112374
DRB0221	111318	DRB1980	112406	DRB5891	112063	DRS0110	110997
DRB0221N	111318	DRB1990	112073	DRB5990	112343	DRS0113	114074
DRB0231	111532	DRB2000	112190	DRB6000	112529	DRS0116	112367
DRB0231N	111532	DRB2041	112057	DRB6030	112062	DRS0119	114237
DRB0260	112561	DRB2091	112480	DRB6040	112427	DRS0120	110341
DRB0270	111894	DRB2350	112189	DRB6040N	112427	DRS0121	110341
DRB0280	111843	DRB2360N	113351	DRB6060	113279	DRS0122	113964
DRB0290	111888	DRB2360X	113351	DRB6090	113536	DRS0123	114029
DRB0310	111895	DRB2370	113351	DRB6160	113878	DRS0124	113672
DRB0330	111899	DRB2370X	113351	DRB6190	113273	DRS0125	114193
DRB0340	111478	DRB2390	113351	DRB6200	114257	DRS0130	114820
DRB0350	113770	DRB2390N	113351	DRB6210	114765	DRS0130N	114820
DRB0360	111898	DRB2390X	113351	DRB6220	113858	DRS0134	113797
DRB0360	111988	DRB2400	113351	DRB6250	114122	DRS0134N	113797
DRB0370	112557	DRB2400N	113351	DRB6260	113837	DRS0136	113797
DRB0380	111946	DRB2410	113351	DRB6270	113871	DRS0142	114526
DRB0600	112045	DRB2410N	113351	DRB6320	113951	DRS0151	110835
DRB0830	112209	DRB2470	112414	DRB6330	113953	DRS0152	113478
DRB0850	111980	DRB2520	113889	DRB6340	113944	DRS0154	111557
DRB0910	111993	DRB2530	113889	DRB6440	114131	DRS0157	113906
DRB0940	111820	DRB2530	115485	DRB6560	113284	DRS0157N	113906
DRB0950	111884	DRB2540	112535	DRB6560	115491	DRS0159	111906
DRB0960	111468	DRB2550	113300	DRB6570	113284	DRS0159N	111906
DRB1030	113448	DRB2570	113302	DRB6570N	113284	DRS0160	113910
DRB1060	112196	DRB2570	113835	DRB7160	111842	DRS0160N	113910
DRB1080	112413	DRB2580	113295	DRB7220	114200	DRS0161	113911
DRB1090	112159	DRB2590	113289	DRB7410	114036	DRS0161N	113911
DRB1120	111883	DRB2590N	113289	DRB7460	114663	DRS0162	110942
DRB1150	112078	DRB2600	112075	DRB7530	113835	DRS0163	110485
DRB1160	112860	DRB2600N	112075	DRB7870	110895	DRS0164	113466
DRB1170	111468	DRB2600N	113873	DRB7910	113958	DRS0165	113980
DRB1190	112413	DRB2620	113870	DRB8040	114768	DRS0166	112055
DRB1200	113867	DRB2640	112419	DRB9030	114463	DRS0167	114047
DRB1210	111902	DRB2650	113285	DRB9320	114089	DRS0170	110771
DRB1230	112043	DRB2650N	113285	DRB9320	115495	DRS0171	112507
DRB1240	111824	DRB2660	113296	DRS0008	111087	DRS0175	115328
DRB1250	113879	DRB2670	113280	DRS0013	114053	DRS0178	115394
DRB1260	111990	DRB2680	112418	DRS0015	113906	DRS0183	110485
DRB1260	112416	DRB2710	112401	DRS0015N	113906	DRS0183	114400
DRB1280	113848	DRB2720	112144	DRS0016N	113907	DRS0185	112441
DRB1290	112193	DRB2790	113298	DRS0017	113909	DRS0185	115505
DRB1300	111828	DRB2810	113275	DRS0017N	113909	DRS0186	114057
DRB1320	111902	DRB2840	113272	DRS0022	115556	DRS0188	115394
DRB1401	113604	DRB3041	111517	DRS0022X	115556	DRS0193	112382
DRB1451	111788	DRB3130	112196	DRS0024	110813	DRS0194	113132
DRB1461	113439	DRB3650	113889	DRS0025	110522	DRS0196	113194
DRB1480	113340	DRB3660	112197	DRS0027	114196	DRS0197	113203
DRB1490	112079	DRB3890	113448	DRS0030	111055	DRS0199	114299
DRB1500	111989	DRB3900	112197	DRS0030	111127	DRS0200	110793
DRB1500	115482	DRB3910	112425	DRS0035	114837	DRS0200	111066

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>REMY (DELCO) Continued</b>							
DRS0201	111005	DRS0674	114886	DRS1380	111637	DRS2380	112440
DRS0202	112177	DRS0689	115330	DRS1400	110537	DRS2420	111755
DRS0205	112649	DRS0690	110341	DRS1410	110512	DRS2460	114181
DRS0210	113860	DRS0703	113481	DRS1420	110512	DRS2470	110465
DRS0213	114279	DRS0710	110336	DRS1430	110214	DRS2480	110212
DRS0214	111694	DRS0710	110831	DRS1440	110531	DRS2590	111059
DRS0215	115398	DRS0730	110840	DRS1440	111219	DRS2590	111748
DRS0216	114849	DRS0730	111741	DRS1450	110205	DRS2600	111059
DRS0218	113618	DRS0770	111209	DRS1450	110207	DRS2620	112533
DRS0222	115336	DRS0776	114838	DRS1450	110932	DRS2620	113446
DRS0226	114746	DRS0780	110824	DRS1460	110534	DRS2623	112533
DRS0229	113984	DRS0787	114833	DRS1470	110209	DRS2640	110824
DRS0234	113931	DRS0800	110824	DRS1490	110206	DRS2660	113845
DRS0242	113959	DRS0800	111010	DRS1490	110210	DRS2670	110529
DRS0244	114775	DRS0810	113845	DRS1510	110210	DRS2670	110813
DRS0244	115502	DRS0820	110368	DRS1520	110205	DRS2670	113381
DRS0250	111056	DRS0850	110869	DRS1520	110209	DRS2680	112135
DRS0253	111050	DRS0850	110997	DRS1530	110537	DRS2690	110368
DRS0256	110556	DRS0870	111052	DRS1540	110537	DRS2700	113464
DRS0259	110436	DRS0890	110862	DRS1550	110512	DRS2710	110530
DRS0260	111068	DRS0900	110838	DRS1550	110601	DRS2720	110522
DRS0261	111068	DRS0920	110996	DRS1570	110206	DRS2730	110535
DRS0266	113982	DRS0920	111060	DRS1580	110533	DRS2740	110208
DRS0267	114002	DRS0930	110839	DRS1611	111102	DRS2780	111047
DRS0271	113532	DRS0950	110461	DRS1651	110367	DRS2831	110182
DRS0272	115389	DRS0950	112251	DRS1671	110856	DRS2851	110411
DRS0275	112496	DRS0950	113380	DRS1691	111068	DRS2871	110158
DRS0278	111398	DRS0950N	110461	DRS1731	111100	DRS2871	110315
DRS0288	114216	DRS0960	110536	DRS1741	110367	DRS2872	110315
DRS0290	111106	DRS0960	113465	DRS1771	111063	DRS2872	110479
DRS0300	110337	DRS0970	113466	DRS1780	110835	DRS2881	110421
DRS0300	111053	DRS0980	110520	DRS1783	110835	DRS2881	111475
DRS0300	111131	DRS0980	111638	DRS1811	111064	DRS2901	111451
DRS0309	115399	DRS0980	114047	DRS1812	111064	DRS2911	110278
DRS0310	110367	DRS0990	110536	DRS1831	110367	DRS2921	111728
DRS0310	110585	DRS1000	110775	DRS1831	110866	DRS2931	110155
DRS0310	111251	DRS1020	111332	DRS1871	110338	DRS2931	110256
DRS0311	115400	DRS1040	111004	DRS1871	110365	DRS2932	110256
DRS0335	115323	DRS1050	110368	DRS1891	110365	DRS2932	111452
DRS0360	110858	DRS1060	110520	DRS1891	111585	DRS2933	110156
DRS0390	111053	DRS1060	110536	DRS1910	110352	DRS2950	110524
DRS0390	111131	DRS1060	110615	DRS1941	110608	DRS2970	110531
DRS0390	111750	DRS1060	110814	DRS1951	110521	DRS2980	110838
DRS0392	114323	DRS1060	111737	DRS1981	110421	DRS2990	110530
DRS0400	110336	DRS1063	111693	DRS2021	110152	DRS2990	110869
DRS0400	111131	DRS1070	110847	DRS2021	110154	DRS3010	111347
DRS0406	115337	DRS1080	110812	DRS2031	110152	DRS3015	111386
DRS0410	111058	DRS1090	111112	DRS2061	110152	DRS3017	113097
DRS0415	115402	DRS1130	111752	DRS2061	110154	DRS3018	110708
DRS0420	111058	DRS1140	110536	DRS2071	110277	DRS3018	111387
DRS0440	111228	DRS1140	112660	DRS2091	110144	DRS3018	112336
DRS0445	114742	DRS1143	110536	DRS2101	110277	DRS3018N	111387
DRS0450	112289	DRS1150	110368	DRS2111	110256	DRS3019	110708
DRS0460	110865	DRS1150	110439	DRS2131	110283	DRS3023	110397
DRS0462	115401	DRS1160	110517	DRS2171	110157	DRS3024	110323
DRS0470	111061	DRS1170	111636	DRS2171	110158	DRS3025	110709
DRS0478	114764	DRS1180	113467	DRS2171	110315	DRS3027	110351
DRS0490	111058	DRS1190	112249	DRS2172	110315	DRS3030	112174
DRS0510	110771	DRS1200	110536	DRS2172	110479	DRS3036	110809
DRS0526	115338	DRS1210	111332	DRS2172	110958	DRS3036	111461
DRS0530	110363	DRS1220	110519	DRS2231	110142	DRS3036	111476
DRS0541	114086	DRS1220	110529	DRS2231	110277	DRS3036N	110809
DRS0545	114818	DRS1220	110640	DRS2251	110152	DRS3038	110386
DRS0548	114001	DRS1240	110525	DRS2251	110154	DRS3038	110573
DRS0564	115376	DRS1240	113482	DRS2271	110149	DRS3038	110719
DRS0566	114690	DRS1270	110523	DRS2271	111310	DRS3043	111310
DRS0570	110864	DRS1270	113464	DRS2291	110279	DRS3045	110394
DRS0585	114738	DRS1280	110527	DRS2301	110158	DRS3046	110811
DRS0590	111114	DRS1280	112132	DRS2301	110315	DRS3050	111060
DRS0590	112541	DRS1290	111640	DRS2301	110479	DRS3052	111544
DRS0610	110772	DRS1290N	111640	DRS2301N	110315	DRS3057	111451
DRS0611	115395	DRS1310	110517	DRS2311	110399	DRS3058	110713
DRS0625	114341	DRS1310	110521	DRS2320	110824	DRS3065	111102
DRS0628	114305	DRS1321	110521	DRS2320	111010	DRS3068	111103
DRS0630	111052	DRS1330	110518	DRS2340	110587	DRS3075	111114
DRS0640	110868	DRS1330	110520	DRS2343	111130	DRS3075	112541
DRS0650	110160	DRS1351	110520	DRS2360	110865	DRS3076	111063
DRS0650	111054	DRS1360	110524	DRS2380	111065	DRS3078	111115
DRS0650	111489	DRS1370N	112132	DRS2380	111851	DRS3080	110839

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
DRS3084	110354	DRS3202	112295	DRS3334	110566	DRS3511	110808
DRS3084	112439	DRS3205	113346	DRS3336	110443	DRS3516	111097
DRS3086	110249	DRS3207	111608	DRS3336	111461	DRS3518	111760
DRS3086	110312	DRS3208	110581	DRS3337	112136	DRS3535	112251
DRS3088	110576	DRS3214	112214	DRS3339	111461	DRS3535N	112251
DRS3088N	110576	DRS3215	111546	DRS3343	111476	DRS3545	110584
DRS3090	110867	DRS3216	111274	DRS3343	111565	DRS3545	111994
DRS3090	112290	DRS3217	110580	DRS3343N	111476	DRS3546	111464
DRS3093	110157	DRS3217	113499	DRS3344	111565	DRS3547	111525
DRS3096	110332	DRS3218	110412	DRS3345	111108	DRS3549	111684
DRS3098	110402	DRS3219	110723	DRS3348	111728	DRS3551	110280
DRS3098	111385	DRS3220	111030	DRS3350	111069	DRS3554	111123
DRS3100	110844	DRS3223	111559	DRS3353	111459	DRS3555	112382
DRS3103	111117	DRS3223	112083	DRS3354	111549	DRS3557	112026
DRS3104	111228	DRS3224	110421	DRS3355	110142	DRS3558	111485
DRS3104	112124	DRS3225	110245	DRS3357	111312	DRS3561	110154
DRS3105	112289	DRS3226	110720	DRS3360	111131	DRS3561	110396
DRS3106	112295	DRS3228	110940	DRS3360	111269	DRS3561	110444
DRS3107	111251	DRS3229	110447	DRS3363	110415	DRS3563	110337
DRS3108	110584	DRS3233	110356	DRS3364	110616	DRS3563	111053
DRS3109	113443	DRS3235	113668	DRS3365	110617	DRS3564	110337
DRS3113	111130	DRS3237	111558	DRS3366	111097	DRS3564	111131
DRS3114	111129	DRS3239	111562	DRS3369	111214	DRS3565	111053
DRS3115	111070	DRS3240	111070	DRS3373	111454	DRS3565	111131
DRS3115	114460	DRS3243	110256	DRS3374	111182	DRS3566	110840
DRS3116	110585	DRS3243	111452	DRS3375	111385	DRS3567	112141
DRS3117	111070	DRS3244	110486	DRS3376	110820	DRS3567	112235
DRS3117	114460	DRS3245	111683	DRS3378	111550	DRS3568	111374
DRS3119	111251	DRS3247	110485	DRS3379	113665	DRS3576	111442
DRS3123	110459	DRS3248	111023	DRS3380	113844	DRS3576	112214
DRS3128	110938	DRS3253	111386	DRS3383	110323	DRS3576	113024
DRS3129	110854	DRS3253	111564	DRS3384	111455	DRS3577	111307
DRS3130	110867	DRS3254	110396	DRS3385	111386	DRS3579	110808
DRS3133	110940	DRS3256	110507	DRS3386	111785	DRS3585	111685
DRS3133	111548	DRS3257	110490	DRS3389	110411	DRS3589	114123
DRS3134	111548	DRS3258	110411	DRS3394	111534	DRS3590	111058
DRS3139	110811	DRS3259	110417	DRS3394N	111534	DRS3593	110441
DRS3140	111112	DRS3260	110208	DRS3396	110438	DRS3595	113038
DRS3140	111120	DRS3260	110209	DRS3399	110831	DRS3595	113040
DRS3143	111241	DRS3263	113129	DRS3404	110831	DRS3598	110947
DRS3143N	111241	DRS3264	110818	DRS3404	110840	DRS3600	111489
DRS3144	111683	DRS3264	111499	DRS3405	110640	DRS3603	111382
DRS3150	111851	DRS3267	110867	DRS3405	113381	DRS3608	111303
DRS3150N	111851	DRS3267	112290	DRS3406	111030	DRS3610	110847
DRS3154	110810	DRS3268	111251	DRS3406	111442	DRS3610	111122
DRS3155	111311	DRS3269	111333	DRS3407	110454	DRS3610N	110847
DRS3156	110810	DRS3270	110337	DRS3407	110465	DRS3611	111122
DRS3158	110578	DRS3270	111131	DRS3408	110465	DRS3611N	111122
DRS3159	111305	DRS3273	111047	DRS3409	110465	DRS3616	112083
DRS3159N	111305	DRS3274	111422	DRS3410	112537	DRS3617	114460
DRS3160	111270	DRS3277	111508	DRS3420	110582	DRS3618	111070
DRS3163	111241	DRS3278	113210	DRS3423	110444	DRS3620	110522
DRS3164	110574	DRS3279	111272	DRS3425	110464	DRS3623	111251
DRS3164	111303	DRS3280	111131	DRS3426	111574	DRS3624	112218
DRS3165	110574	DRS3280	111851	DRS3427	110819	DRS3625	112080
DRS3165	111805	DRS3284	111913	DRS3428	110462	DRS3625	113605
DRS3165N	111805	DRS3286	110439	DRS3430	110213	DRS3627	111103
DRS3166	110719	DRS3287	110565	DRS3440	110532	DRS3630	112125
DRS3168	111445	DRS3287	111346	DRS3447	110460	DRS3635	113361
DRS3169	110386	DRS3288	111685	DRS3450	112119	DRS3635N	113361
DRS3169	110719	DRS3289	110465	DRS3456	111573	DRS3636	112236
DRS3173	114318	DRS3289	110615	DRS3457	110831	DRS3637	111463
DRS3176	111682	DRS3293	112055	DRS3458	110817	DRS3637	111708
DRS3177	111544	DRS3294	110449	DRS3464	110440	DRS3638	111550
DRS3177	113168	DRS3294	111024	DRS3466	110831	DRS3643	111455
DRS3178	111455	DRS3295	110961	DRS3470	110865	DRS3644	110713
DRS3179	111455	DRS3297	110962	DRS3474	113346	DRS3644	112033
DRS3180	110998	DRS3303	110941	DRS3476	112340	DRS3645	113936
DRS3183	110811	DRS3304	111679	DRS3479	111029	DRS3646	111785
DRS3189	111136	DRS3307	111088	DRS3480	110525	DRS3650	113134
DRS3196	110462	DRS3308	111420	DRS3483	111554	DRS3654	112295
DRS3196	111131	DRS3314	113430	DRS3484	111690	DRS3660	113846
DRS3196	111750	DRS3320	110539	DRS3484N	111690	DRS3673	111097
DRS3197	110462	DRS3324	111003	DRS3490	110524	DRS3676	114119
DRS3197	113380	DRS3325	110530	DRS3501	110149	DRS3676N	114119
DRS3198	111865	DRS3326	111001	DRS3501	110808	DRS3679	112320
DRS3198N	111865	DRS3327	111098	DRS3508	110566	DRS3679N	112320
DRS3199	111865	DRS3333	110462	DRS3511	110149	DRS3680	110536
DRS3200	112295	DRS3333	110565			DRS3683	111685

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>REMY (DELCO) Continued</b>							
DRS3684	113446	DRS3863N	112370	DRS4461	110411	DRS6190	112167
DRS3688	111300	DRS3864	113313	DRS4560	110981	DRS6240	111694
DRS3689	110584	DRS3866	113314	DRS4570	112455	DRS6290	111748
DRS3690	110545	DRS3867	113314	DRS4590	111029	DRS6300	111749
DRS3693	111849	DRS3869	113445	DRS4600	111030	DRS6310	112286
DRS3696	111332	DRS3869N	113445	DRS4610	110842	DRS6330	112321
DRS3697	112124	DRS3878	112380	DRS4620	111694	DRS6330	113761
DRS3699	112235	DRS3885	112300	DRS4630	112321	DRS6340	112052
DRS3703	110552	DRS3887	113962	DRS4690	111125	DRS6350	111131
DRS3704	112214	DRS3888	113521	DRS4700	111619	DRS6350	111750
DRS3706	112217	DRS3893	111931	DRS4711	110365	DRS6380	111347
DRS3708	112322	DRS3897	112823	DRS4730	111755	DRS6390	111065
DRS3713	110933	DRS3899	112822	DRS4740	111755	DRS6390	112440
DRS3715	112304	DRS3899N	112822	DRS4740	111793	DRS6431	111552
DRS3718	113662	DRS3903	113254	DRS4780	110512	DRS6441	111548
DRS3719	111865	DRS3904	113927	DRS4800	111118	DRS6470	112235
DRS3720	113468	DRS3906	113629	DRS4803	111118	DRS6500	111984
DRS3723	111970	DRS3908	112474	DRS4810	111751	DRS6520	110210
DRS3724	112215	DRS3910	113389	DRS4810	111900	DRS6550	112555
DRS3725	111730	DRS3913	113638	DRS4820	111751	DRS6570	110585
DRS3728	111971	DRS3913N	113638	DRS4820	112131	DRS6570	113481
DRS3729	111608	DRS3916	113323	DRS4830	113847	DRS6600	113753
DRS3730	110206	DRS3917	113319	DRS4840	111400	DRS6660	112818
DRS3734	111728	DRS3923	113329	DRS4850	113482	DRS6700	112166
DRS3735	112103	DRS3923N	113329	DRS4860	111055	DRS6730	113644
DRS3738	113481	DRS3924	113327	DRS4860	111123	DRS6740	111805
DRS3739	112475	DRS3924N	113327	DRS4860	111127	DRS6750	112306
DRS3740	110365	DRS3925	114762	DRS4860N	111123	DRS6780	112309
DRS3743	112295	DRS3927	113020	DRS4861	111127	DRS6790	113750
DRS3745	111310	DRS3928	114723	DRS4870	110209	DRS6800	112307
DRS3747	111984	DRS3929	113925	DRS4890	112172	DRS6800	113750
DRS3748	113649	DRS3938	112534	DRS4900	111052	DRS6870	113752
DRS3749	111969	DRS3940	111025	DRS4900	111911	DRS6880	111848
DRS3755	111906	DRS3944	110574	DRS4900	114118	DRS6880N	111848
DRS3758	112368	DRS3945	114199	DRS4910	110206	DRS6890	110847
DRS3764	111218	DRS3946	115522	DRS4910	110207	DRS6900	111619
DRS3770	112670	DRS3947	111885	DRS4920	110205	DRS6920	112553
DRS3773	112080	DRS3948	113932	DRS4971	110389	DRS6950	112053
DRS3774	111136	DRS3949	113926	DRS4991	110149	DRS6980	111900
DRS3775	111251	DRS3954	114388	DRS4991	110808	DRS6990	112306
DRS3776	112218	DRS3955	112474	DRS4991	112215	DRS6990	113387
DRS3778	112290	DRS3957	113905	DRS4991	114885	DRS7000	111900
DRS3783	112656	DRS3957N	113905	DRS5010	110585	DRS7000	112286
DRS3789	110461	DRS3958	114127	DRS5010	111251	DRS7020	113451
DRS3796	110442	DRS3959N	113307	DRS5040	112660	DRS7041	111585
DRS3797	112821	DRS3960	110368	DRS5040	113380	DRS7041N	111585
DRS3797N	112821	DRS3963	113929	DRS5050	112497	DRS7050	112116
DRS3798	113928	DRS3964	112497	DRS5090	112290	DRS7060	111906
DRS3799	113701	DRS3965	113938	DRS5100	110227	DRS7060N	111906
DRS3799N	113701	DRS3968	113908	DRS5106	110224	DRS7070	111906
DRS3801	110793	DRS3968N	113908	DRS5118	110227	DRS7070N	111906
DRS3805	113965	DRS3969	113911	DRS5150	111131	DRS7090	111636
DRS3808	111724	DRS3969N	113911	DRS5150	111750	DRS7100	110212
DRS3809	112014	DRS3971	111447	DRS5150N	111750	DRS7110	111911
DRS3817	112474	DRS3974	114106	DRS5161	111425	DRS7120	111123
DRS3818	112442	DRS3975	111374	DRS5173	111349	DRS7120N	111123
DRS3823	112444	DRS3975N	111374	DRS5178	111396	DRS7180	111908
DRS3825	113794	DRS3976	113933	DRS5200	111030	DRS7220	112125
DRS3825N	113794	DRS3977	112382	DRS5270	111030	DRS7230	112125
DRS3826	112388	DRS3978	112382	DRS5341	110386	DRS7240	114523
DRS3828	113277	DRS3979	112382	DRS5341	110719	DRS7240N	114523
DRS3829	113282	DRS3985	113897	DRS5420	112041	DRS7250	112119
DRS3836	113276	DRS3985N	113897	DRS5430	110980	DRS7260	111851
DRS3836N	113276	DRS3991	110473	DRS5490	111030	DRS7260N	111851
DRS3838	112475	DRS4051	110249	DRS5540	110368	DRS7270	113980
DRS3839	113281	DRS4051	110312	DRS5610	112454	DRS7280	111752
DRS3845	111586	DRS4051	111442	DRS5670	111231	DRS7290	112135
DRS3846	111305	DRS4061	110312	DRS5701	111214	DRS7300	113446
DRS3847	111783	DRS4061	111442	DRS5721	111543	DRS7300	115506
DRS3848	111784	DRS4061	111546	DRS5740	113745	DRS7310	112039
DRS3849	111763	DRS4071	110573	DRS5751	111312	DRS7320	111771
DRS3850	110584	DRS4071	110719	DRS5751	111459	DRS7330	112459
DRS3850	110640	DRS4141	110809	DRS5781	111447	DRS7381	112295
DRS3853	111912	DRS4151	110292	DRS5910	112125	DRS7391	112295
DRS3855	113757	DRS4331	111182	DRS5930	111421	DRS7420	113674
DRS3856	112365	DRS4341	111451	DRS5970	112286	DRS7420N	113674
DRS3859	112369	DRS4361	111561	DRS5981	110807	DRS7430	111855
DRS3861	111063	DRS4451	110411	DRS6021	110575	DRS7450	111904
DRS3863	112370	DRS4461	110260	DRS6110	112131	DRS7450N	111904

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
DRS7460	111900	DRT0250	113842	DRZ0141	110540	DRZ5120	112341
DRS7490	111996	DRT0250	115508	DRZ0142	110801	DRZ5121	110414
DRS7500	111874	DRT0260	113841	DRZ0143	110952	DRZ5122	110468
DRS7500	112006	DRT0270	113678	DRZ0144	110499	DRZ5123	110469
DRS7510	112074	DRT0270	115507	DRZ0147	112636	DRZ5124	111222
DRS7520	111399	DRT0280	113509	DRZ0151	112629	DRZ5125	110472
DRS7530	111680	DRT0350	113513	DRZ0151	112640	DRZ5127	110231
DRS7530	113701	DRT0611	114223	DRZ0154	110499	DRZ5128	110491
DRS7530N	111680	DRT0631	112367	DRZ0154	112448	DRZ5129	110506
DRS7750	111793	DRT0631	113244	DRZ0155	112880	DRZ5130	110569
DRS7760	111910	DRT0780	113515	DRZ0156	110503	DRZ5132	110590
DRS7810	112224	DRT0880	113608	DRZ0158	110499	DRZ5133	110602
DRS7830	111909	DRT0900	114162	DRZ0160	111388	DRZ5133	111221
DRS7840	111641	DRT1190	113760	DRZ0161	110502	DRZ5134	112267
DRS7860	111640	DRT1200	112581	DRZ0165	112337	DRZ5144	110216
DRS7860N	111640	DRT1220	114096	DRZ0168	110984	DRZ5144	110347
DRS7870	113468	DRT1230	114091	DRZ0169	110984	DRZ5144	111034
DRS7920	111848	DRT1240	113843	DRZ0170	111193	DRZ5146	112911
DRS7940	111823	DRT1360	114093	DRZ0170	113051	DRZ5147	110221
DRS7950	112454	DRT1360	115512	DRZ0170	113058	DRZ5150	111425
DRS7980	112055	DRT1480	113891	DRZ0172	112447	DRZ5152	112911
DRS8010	111123	DRT1480X	113891	DRZ0173	112835	DRZ5153	111034
DRS8010N	111123	DRT1490	113934	DRZ0174	112921	DRZ5155	111034
DRS8020	111995	DRT1500	114740	DRZ0175	112927	DRZ5156	111183
DRS8040	112005	DRT1520	111637	DRZ0176	111252	DRZ5157	112584
DRS8040N	112005	DRT1530	114886	DRZ0176	112842	DRZ5158	112592
DRS8060	111817	DRT1560	114068	DRZ0177	111090	DRZ5160	113222
DRS8090	112116	DRT1690	113183	DRZ0179	111220	DRZ5161	111425
DRS8090N	112116	DRT1810	113959	DRZ0182	110471	DRZ5162	111490
DRS8110	111015	DRT1810	115510	DRZ0182	110508	DRZ5163	111456
DRS8210	110839	DRT1820	114092	DRZ0183	110514	DRZ5164	110221
DRS8230	111131	DRT2250	113859	DRZ0185	111193	DRZ5165	110602
DRS8240	111131	DRT2260	114073	DRZ0185	113055	DRZ5166	110999
DRS8240	111269	DRT2260X	114073	DRZ0185	113056	DRZ5167	111000
DRS8250	112537	DRT2290	115333	DRZ0186	113051	DRZ5168	111760
DRS8270	112440	DRT2411	113962	DRZ0187	111199	DRZ5170	111786
DRS8270N	112440	DRT2490	114052	DRZ0188	111200	DRZ5171	111190
DRS8310	114460	DRT2640	114031	DRZ0189	111815	DRZ5172	112301
DRS8310N	114460	DRT2640X	114031	DRZ0191	111232	DRZ5173	111349
DRS8340	111769	DRZ0100	110233	DRZ0191	112994	DRZ5174	110218
DRS8350	112431	DRZ0100	110325	DRZ0191	112995	DRZ5175	110436
DRS8370	113609	DRZ0100	110504	DRZ0191	112996	DRZ5175	112089
DRS8380	112221	DRZ0100	110505	DRZ0195	111223	DRZ5176	112341
DRS8380N	112221	DRZ0102	110075	DRZ0196	111712	DRZ5177	111492
DRS8390	112429	DRZ0104	110170	DRZ0197	111530	DRZ5178	111396
DRS8420	110582	DRZ0109	110986	DRZ0198	113067	DRZ5179	110229
DRS8450	114321	DRZ0110	110233	DRZ0199	113235	DRZ5180	110226
DRS8480	113271	DRZ0110	110234	DRZ0200	112195	DRZ5180	110227
DRS8490	112441	DRZ0110	112448	DRZ0201	111814	DRZ5182	110221
DRS8500	112438	DRZ0111	110234	DRZ0201	111815	DRZ5184	112846
DRS8571	111931	DRZ0111	110235	DRZ0202	110238	DRZ5185	111034
DRS8630	113267	DRZ0111	112260	DRZ0208	110504	DRZ5188	113695
DRS8680	112006	DRZ0112	110236	DRZ0208	110505	DRZ5189	110347
DRS8770	113761	DRZ0113	110237	DRZ0209	110801	DRX08378	112165
DRS8780	112581	DRZ0114	110239	DRZ0210	110801	DRX67095	111982
DRS8800	112437	DRZ0115	110300	DRZ5100	110224	DRX67131	110524
DRS8810	110532	DRZ0116	110325	DRZ5100	110227	DRX67149	111982
DRS8840	113286	DRZ0118	110427	DRZ5101	110509	DSR1167L	112365
DRS8850	111347	DRZ0119	110985	DRZ5104	110347	RS41058	114888
DRS8860	114814	DRZ0121	110488	DRZ5104	110999	X16478	111127
DRS8880	112445	DRZ0122	110492	DRZ5104	111000	RS41001	110241
DRS8890	113292	DRZ0123	110498	DRZ5105	110223	RS41016	112145
DRS8940	112430	DRZ0128	110503	DRZ5105	111000	RS41021	112156
DRS8950	112441	DRZ0129	110233	DRZ5106	110224		
DRS8950	115505	DRZ0129	110235	DRZ5109	110228		
DRS8960	112436	DRZ0129	110504	DRZ5110	110230	<b>RENAULT</b>	
DRS8960N	112436	DRZ0129	110505	DRZ5111	110216	0000434120	110585
DRS9020	112071	DRZ0130	110505	DRZ5111	110218	5014648	115481
DRS9020	112555	DRZ0131	110233	DRZ5111	110347	0025841042	113465
DRS9030	113346	DRZ0131	110471	DRZ5111	112897	0025841044	113466
DRS9040	111015	DRZ0131	110502	DRZ5114	110216	0028115085	111231
DRS9220	111456	DRZ0131	110505	DRZ5114	112897	0028115088	111231
DRS9550	114160	DRZ0131	110508	DRZ5115	110347	0028115089	111231
DRS9820	113181	DRZ0132	110591	DRZ5115	110999	820053977	115354
DRS9980	113446	DRZ0132	111261	DRZ5115	111000	0855787900	112039
DRT0070	113759	DRZ0133	110724	DRZ5116	110602	5000041221	113466
DRT0170	112498	DRZ0135	110514	DRZ5117	110604	5000049122	110210
DRT0230	113773	DRZ0137	113051	DRZ5119	110347	5000049124	113465
DRT0240	114163	DRZ0140	110408	DRZ5119	110999	5000080750	110512
						5000241777	110210

Cross reference list

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>RENAULT</b> <i>Continued</i>							
5000270909	110208	5010390082	112343	7700101279	112199	7700625428	111063
5000296466	111231	5010437728	114032	7700103386	112818	7700625429	111063
5000559254	113466	5010437730	113993	7700104674	112218	7700627394	111332
5000559361	113465	5010480196	113672	7700105119	112218	7700638420	110367
5000592182	110512	5010480432	114100	7700105333	111718	7700650287	110866
5000725698	110889	5010480435	113673	7700105539	112059	7700665612	111072
5000785288	111231	5010480765	114508	7700106209	112295	7700665613	112541
5000785698	110163	5010480878	112189	7700106426	113481	7700681068	111064
5000785715	111331	5010508379	113676	7700106500	111775	7700694096	110866
5000785941	110043	5010508380	113672	7700106501	111719	7700703490	110585
5000786439	110163	5010508382	114100	7700106763	113481	7700710343	112739
5000786512	111331	5010508443	113466	7700107124	111722	7700710964	111072
5000786538	110163	5010589136	114303	7700113207	113481	7700714313	110889
5000789048	110512	5010589137	114303	7700113208	113481	7700715102	111063
5000790629	111231	5010589305	114407	7700113209	112295	7700721797	112744
5000791211	113466	5010589525	114212	7700113627	113929	7700721977	112744
5000791383	111231	5010589551	114212	7700115294	113761	7700729300	112744
5000804191	110533	5010853716	114100	7700115479	112474	7700730363	112744
5000808251	110512	5830000132	111231	7700116260	112474	7700730756	113134
5000811448	110347	5830000632	111231	7700260505	110835	7700731740	110889
5000822346	110206	6000100325	110641	7700260710	111333	7700735712	112295
5001000061	110206	6000102270	110536	7700268275	110835	7700740076	111063
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5001014175	110163	6001548554	114673	7700300408	112057	7700750306	110866
5001014178	110889	6001549062	114180	7700300522	112103	7700751337	112744
5001014181	110889	6005001146	110536	7700301993	113134	7700751401	111072
5001014184	110163	6005003145	110178	7700308989	112076	7700751442	111072
5001014187	113465	6005003149	110641	7700313447	112103	7700751495	110835
5001014196	111231	6005003152	111332	7700352049	111251	7700754831	111072
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5001014218	113262	6005003155	110536	7700377091	114701	7700754852	111319
5001014221	113466	6005003156	110536	7700377092	113280	7700754853	111179
5001014227	111231	6005007547	111086	7700414371	112679	7700758217	110585
5001014230	113134	6005007548	110819	7700416958	112679	7700759289	111063
5001306801	112189	6005007750	110178	7700421477	112144	7700759861	111333
5001824629	111231	6005011729	111332	7700422142	111775	7700761416	112295
5001833966	110163	6005012976	111755	7700422143	111719	7700762458	112728
5001837972	112159	6005016395	110536	7700422237	112199	7700764382	111082
5001847428	113673	6005700082	110819	7700424583	111934	7700764429	111114
5001849990	112441	6005700083	110178	7700424585	111934	7700767420	111082
5001853707	113673	6005700084	110641	7700424596	111722	7700777478	112295
5001853710	113676	6005701121	111289	7700426849	112471	7700780507	112728
5001853716	114100	6005701122	111086	7700427476	113245	7700780773	112755
5001859572	113466	6005701125	111332	7700427880	113577	7700780774	111179
5001860274	112189	6005701129	111086	7700427932	112144	7700784482	111325
5001866291	114212	6006000076	110889	7700429310	112144	7700784890	111325
5001866293	114872	6010347544	112343	7700430181	111722	7700784891	111325
5001866702	114193	6021330030	110367	7700431943	112458	7700784977	111082
5001868231	114303	7420466317	114212	7700431944	112470	7700784979	113500
5001868233	114733	7420714203	114872	7700431945	111719	7700791211	111082
5001874640	114244	7420732977	114193	7700431946	111775	7700793594	111171
5010050785	110163	7420842441	114407	7700432331	112199	7700796488	111251
5010058424	110163	7420853850	114212	7700434899	112144	7700796768	112728
5010058981	113262	7420862899	114212	7700434900	112144	7700796914	111319
5010090370	113466	7420997672	114733	7700436623	111722	7700807041	111082
5010090371	113465	7421036377	114193	7700436624	111934	7700808647	111319
5010090683	113466	7421598449	114193	7700436627	111934	7700811462	111326
5010090684	113465	7485003033	114323	7700436671	112059	7700814146	111326
5010096027	111231	7485003131	114032	7700499251	111082	7700814147	111326
5010149120	110163	7485003228	112189	7700499460	111082	7700820794	111803
5010217215	110207	7485003371	114193	7700501670	111332	7700851491	111063
5010217533	111231	7485115899	114032	7700509355	110367	7700852395	112769
5010217961	112159	7700010614	110178	7700509855	110367	7700852853	112295
5010235984	110163	7700017032	110178	7700519797	111332	7700853827	111251
5010306000	112227	7700026780	111332	7700525064	111332	7700854954	110585
5010306007	112189	7700042474	114513	7700525547	111332	7700854955	111251
5010306143	113466	7700046783	114513	7700543483	110367	7700857073	112679
5010306413	113466	7700046893	111332	7700561416	110856	7700858442	113753
5010306533	113673	7700048828	114514	7700569256	110367	7700859724	111803
5010306592	113672	7700061622	113532	7700569257	110367	7700860915	113481
5010306631	114100	7700068173	114050	7700572689	110866	7700861013	112295
5010306777	113676	7700068501	113986	7700621302	110856	7700862613	112696
5010306801	112189	7700076731	115357	7700622528	111068	7700862838	111333
5010306910	113673	7700100647	111251	7700622529	111068	7700862865	111512
5010347544	112343	7700101274	112144	7700622951	110367	7700864608	111641

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
7700865213	112295	7701499249	112744	8200054588	112458	8200538407	112471
7700865719	111251	7701499251	111082	8200060488	113577	8200538408	113919
7700865985	113605	7701499253	111082	8200060816	113403	8200538815	113248
7700866505	112295	7701499258	111072	8200064344	113403	8200538816	113245
7700867838	111641	7701499288	111179	8200064465	112474	8200568535	114074
7700870818	112165	7701499433	110920	8200064685	112458	8200584658	113927
7700871057	111251	7701499436	112756	8200065730	113403	8200584664	114180
7700872258	112165	7701499438	113500	8200069377	114814	8200584675	113897
7700872348	112165	7701499440	111171	8200075362	112474	8200584685	113927
7700875450	113761	7701499451	111072	8200082782	112218	8200584837	114057
7700972258	112165	7701499452	112739	8200086130	113248	8200584843	113897
7701015006	110766	7701499456	111072	8200086162	113919	8200590255	113248
7701028780	110819	7701499459	111841	8200096510	112474	8200621305	114074
7701028801	110178	7701499466	112541	8200100907	113940	8200628419	112474
7701028804	111086	7701499467	110585	8200103726	112144	8200628426	112474
7701030289	110819	7701499468	110866	8200103744	112199	8200628430	114074
7701032400	111086	7701499473	110367	8200106788	112475	8200634602	112475
7701042288	112557	7701499478	110835	8200107686	112458	8200634603	112475
7701056687	112475	7701499479	111063	8200112065	113249	8200634604	114161
7701065384	115341	7701499480	111063	8200120286	112457	8200654541	114131
7701067297	112103	7701499482	110585	8200121413	111719	8200660022	114700
7701348278	111064	7701499484	111064	8200122976	113945	8200660033	114463
7701348746	110856	7701499601	112295	8200130624	112475	8200660034	114721
7701348964	110367	7701499615	113605	8200143045	113929	8200660035	113837
7701349263	110920	7701499645	112744	8200153713	113245	8200660037	114131
7701349264	110585	7701499646	112744	8200162474	112471	8200660040	112144
7701349591	110866	7701499648	111068	8200175210	114122	8200660045	113403
7701351026	112541	7701499649	110866	8200182178	113932	8200667603	113940
7701351027	110585	7701499651	114095	8200186144	113761	8200667605	112199
7701351052	110920	7701499959	111718	8200186148	114814	8200667608	113940
7701351120	110835	7702004621	110367	8200190721	113837	8200690190	112471
7701351390	111251	7702007262	110367	8200193100	112059	8200690202	113245
7701351391	112295	7702046211	110367	8200199737	114814	8200692863	112144
7701351392	112295	7702082972	113753	8200206251	113245	8200692865	112144
7701351394	110367	7702102137	110367	8200225336	112475	8200692868	113837
7701351757	111325	7702111083	110367	8200227092	113927	8200692869	114122
7701351759	113500	7702145531	111082	8200228289	114301	8200726639	114768
7701351762	111171	7702146495	112295	8200229907	114353	8200727051	112144
7701351764	111319	7702150654	111325	8200237594	114161	8200728292	114354
7701351772	111251	7709758174	110585	8200240487	114180	8200815083	113932
7701352050	113481	7711134216	113577	8200251006	114700	8200836473	113897
7701352055	111114	7711134260	111251	8200251007	113897	8953002125	111490
7701352115	111326	7711134267	112059	8200262462	114122	8953002577	112541
7701352125	110889	7711134297	113929	8200266777	113932	8982775029	113500
7701352209	111803	7711134312	113248	8200285128	113897	233002654R	114074
7701352210	113753	7711134316	112471	8200290217	113919	233003329R	113897
7701352350	110585	7711134329	113245	8200298371	114057	8200064465B	112474
7701353827	111251	7711134330	112475	8200299173	114301		
7701362052	110889	7711134530	112218	8200306595	113897	<b>ROMANIA (E/P)</b>	
7701381535	110889	7711134564	112144	8200317008	114526	2130	110640
7701381632	110856	7711134617	111937	8200325823	114463	DM1130	110639
7701381633	110367	7711134622	112103	8200331251	112474	DM1132	110639
7701381640	110835	7711134758	113249	8200356669	114768	DM2120	110640
7701381644	111114	7711134792	112474	8200360480	114463	DM2130	110640
7701381647	113134	7711134795	112165	8200369521	114095	DM2134	110640
7701473614	114673	7711135101	114814	8200373636	112457	DM2138	110529
7701473636	112144	7711135112	113945	8200385098	113862	DM2140	110367
7701474326	113945	7711135333	113919	8200386806	113940	DM2140	110866
7701474416	113940	7711135502	114161	8200390667	114354	DM2146	110367
7701475896	114463	7711135519	114122	8200390675	114463	DM91134	110639
7701476808	113945	7711135521	113927	8200390676	114721	DM92140	110367
7701476809	112144	7711135812	113837	8200392926	111718		
7701476810	112144	7711135849	113932	8200399594	113897	<b>ROVER GROUP</b>	
7701476812	114463	7711368060	114057	8200402016	114074	38522296F	114405
7701477001	114673	7711368323	112475	8200404300	113837	AMR2938	112025
7701477694	112144	7711368381	114721	8200404459	114509	AMR4248	112021
7701478093	113940	7711497093	112471	8200406207	114131	AMR5425	112021
7701499199	110856	7711497095	113940	8200426577	113927	AMR5425E	112021
7701499200	110367	7711497098	113945	8200429898	114131	ERR5009	112439
7701499208	111072	7711497099	112457	8200438148	112144	ERR5445	112533
7701499219	111064	7711497409	114721	8200458765	114074	ERR5834	114452
7701499225	112739	8200018818	112475	8200466763	113481	ERR6999	114300
7701499229	112295	8200021396	113927	8200468131	112457	GEU2255	111356
7701499230	112744	8200022774	114673	8200495301	113248	GNU2327	111578
7701499231	112744	8200030635	112144	8200495302	112471	GNU2331	111364
7701499233	111063	8200040415	112474	8200495304	113245	GNU2333	112705
7701499238	112755	8200049826	112218	8200495305	113919	GNU2335	111841
7701499246	111114	8200050150	113761	8200523616	114673	GNU2336	112324
7701499247	110585	8200054336	112474	8200537415	113862	GNU2393	112238

## STARTERS & ALTERNATORS



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>ROVER GROUP</b> <i>Continued</i>							
GNU2397	114386	YLE102020	112472	354858	110076	70229802	111397
GNU2478	111756	YLE102060	114242	357736	110076	70230002	111397
GNU2480	111993	YLE10208	114386	371972	110076	70230202	111397
GNU2521	112203	YLE102080	114386	410676	110076	70230302	111397
GNU2562	112472	YLE102200	111176	420247	112343	70230502	111397
GNU2727	114386	YLE102400	114147	460675	112343	71212702	110887
GNU2728	114386	YLE102420	112414	472302	112343	71226802	110745
GNU4737	111442	YLE102430	112414	475885	112424	71229002	110745
GNU4773	112214	YLE102500	112472	0518064	114028	71233002	110931
GNU4814	113346	YLE102500L	112472	549276	111720	71236002	111139
GNU4900	113346	YLE500090	114352	571167	112224	71249002	110052
NAD000090	113446	YLE500170	113881	571168	111910	71270702	110887
NAD10033	113346	YLE500180	112468	571169	112437	71271402	110887
NAD10038	111865	YLE500200	114704	5711413	111834	71273402	110048
NAD100380	111865	YLE500290	113990	571414	112757	71314202	111226
NAD100390	112439	YLE500300	113990	571416	111886	71340002	110052
NAD10046	111269	YLE500310	114064	571419	112424	71420102	110127
NAD100580	113928	YLE500340	113990	571420	110527	71427002	110048
NAD100740	113346	YLE500400	114704	571427	111910	71427012	110048
NAD100750	113346	YLE500430	113990	571438	111886	71427052	110127
NAD100790	113361	YLE500440	113990	571453	112119	71427102	110127
NAD101070	113346			571454	110214	71427302	110127
NAD101080	113346	<b>SAMSUNG</b>		571462	112224	71429702	110127
NAD101090	113601	7383-10000	112365	571463	111910	71429802	110127
NAD101140	113965			571464	112437	71430402	110127
NAD101190	111865	<b>SAWAFUJI</b>		571467	113891	71470302	110127
NAD101240	113662	0201-102-3015	114423	571468	113859	71470402	110048
NAD101260	113346	0330-402-0010	114337	571497	112424	71470502	110127
NAD101340	113281	0330-402-0011	114337	571498	111886	71470602	110048
NAD101420	113601	0330-402-0012	114337	571500	110043	71473602	110127
NAD101420E	113601	0330-402-0012	114337	571501	110043	71473802	110048
NAD101481	114295	0330-402-0310	114337	571503	110043	71490502	110052
NAD101490	111865	0330-402-0311	114337	571505	110076	71490702	110052
NAD101500	113965	0330-402-0320	114337	571506	110076	71490802	110052
NAD101520	113601	0350-402-0111	113130	571516	111527	71491002	110052
NAD500210	112439	0350-402-0112	113130	571518	112076	71523002	110127
NAD500270	113959	0350-402-0113	113130	571518	112758	71523102	110127
PRC6578	111865	0350-402-0115	113130	571519	112343	71543002	110052
RTC6061N	111865	0350-402-0210	113130	571520	112343	71554102	110112
STC2227	111788	0350-402-0211	113130	571523	111720	71636402	110916
YLE000010	114386	0350-402-0327	113130	571527	111720	71716600	112230
YLE000040	112426	0350-502-0130	110616	571613	114028	71473902(2)	110048
YLE000051	112468	0350-502-0131	110616	0579261	113891		
YLE000070	113407	0350-552-0014	114337	1105367	112757	<b>SMART</b>	
YLE000090	114352	0350-552-0061	114337	1105368	112076	0001477V006	114051
YLE000260	112472	0350-552-0311	114017	1117252	111834	0002801V003	114025
YLE10011	110770	0350-552-0321	113130	1332903	112224	0002801V004	114025
YLE10018	111364	0350-552-0322	113130	1335929	112224	0002801V005	112384
YLE10019	111738	0350-552-0323	113130	1336136	111886	0002801V006	112384
YLE10021	111364	0350-552-0325	113130	1357709	111910	0003188V004	112380
YLE10025	112238	0350-552-0326	113130	1371679	111720	0003188V005	112380
YLE10035	111738	0350-552-0330	114017	1377400	111720	0003188V006	112380
YLE10050	111364	0350-552-0357	114441	1382290	112437	0003188V007	112380
YLE10065	112722	0350-602-0118	114344	1394969	111886	0003188V008	112380
YLE10066	110770	0350-602-0261	114421	1404788	110527	0003250V007	114025
YLE10067	111355	0350-702-0024	114345	1409378	111886	0003250V008	114025
YLE10072	111738	0350-702-0025	114345	1409380	111886	0003250V009	112384
YLE10075	112021	0350-702-0180	114345	1433688	111720	0003250V010	112384
YLE10082	111364	0350-702-0226	114345	1433689	111720	0003250V011	112384
YLE10083	112324	0350-702-0294	114345	1440768	111720	0004717V005	114040
YLE10088	110891	0350-702-0339	114345	1440769	111720	0004717V006	114040
YLE10099	113763	0355-502-0019	114436	1447911	113891	A6601510101	114051
YLE10105	111176	0355-502-0040	114436	1447912	113859	Q0002801V003000000	114025
YLE10113	112021	0355-502-0041	114436	1475570	114028	Q0002801V004000000	114025
YLE10118	113763			1796026	113891	Q0002801V005000000	112384
YLE10124	112025	<b>SCANIA</b>		2031368	113891	Q0002801V006000000	112384
YLE101500	114386	160675	112343	2148650	113891	Q0002801V006000000	112380
YLE101520	111756	163394	110214	2148650	115509	Q0003188V004000000	112380
YLE101530	112202	183868	110527	2809251	111720	Q0003188V005000000	112380
YLE101560	112238	257592	111834			Q0003188V006000000	112380
YLE101570	111355	263356	110527	<b>SEAT → VOLKSWAGEN</b>		Q0003188V007000000	112380
YLE101580	111355	279698	110043	<b>SEV</b>		Q0003188V008000000	112380
YLE101640	111289	279699	110043	26650	110745	Q0003250V007000000	114025
YLE101700	112238	309220	110212	70229002	110048	Q0003250V008000000	114025
YLE101730	111993	310563	110527	70229102	111397	Q0003250V009000000	112384
YLE101790	112203	326353	110043	70229502	111397	Q0003250V010000000	112384
YLE101870	112324	349575	112119	70229602	111397	Q0003250V011000000	112384
YLE101890	114241	349576	110214	70229702	110127		
YLE102000	114386	349578	110212				

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>SJCE</b>		23700-AA36A	113315	31100-79610	110402	31400-60A20	111279
3ES0200S	112161	23700-AA370	113634	31100-79611	110402	31400-60A21	111279
3M0101	110637	23700-AA37A	113634	31100-79620	111385	31400-60AC0	111279
3M0101PSE	112250	23700-AA380	114214	31100-79621	111385	31400-60AC1	111279
3M0110/10	111645	23700-AA390	113634	31100-79628	111385	31400-60B11	110967
3PN0001	112339	23700-AA420	114214	31100-79630	110402	31400-60B31	111279
3PN0001/3	111646	23700-AA430	113634	31100-79631	110402	31400-60B40	110967
3PN0001H	114252	23700-AA450	114214	31100-79650	110402	31400-60B50	111279
ES200S	112161	23700-AA540	114214	31100-79660	110402	31400-60E10	111279
MO101	110637	32990-0100	110128	31100-79661	110402	31400-60E11	111279
MO101PSE	112250	42990-5600	110385	31100-79680	110402	31400-60G10	111779
MO101/10	111645	42990-7040	110703	31100-79F00	111310	31400-60G11	111779
PN0001	112339	42990-7050	110703	31100-79J00	113430	31400-60G12	111779
PN0001A	113737	42990-7100	110703	31100-80091	111475	31400-60G13	111779
PN001/3	111646	42990-7110	110703	31100-80092	111475	31400-65D00	114247
		42990-7330	110267	31100-80094	111475	31400-65G00	113485
		42990-7340	110267	31100-80E00	111310	31400-66002	113322
		42990-7400	110267	31100-80E10	111310	31400-66010	110258
		42990-7600	110703	31100-80G0	114060	31400-66D00	113322
		42991-6200	111182	31100-80G00	114060	31400-66D01	113322
		42991-6400	111182	31100-80G1	115349	31400-66D02	113322
		42991-6500	111182	31100-80G10	115349	31400-66D10	111779
		42991-6710	111182	31100-80X51	111475	31400-66D11	111779
		42991-7300	111451	31100-81010	111561	31400-68D02	112461
		42991-7310	111451	31100-82010	111310	31400-68D02	114798
		42991-7500	111451	31100-82011	111310	31400-70010	110258
		82990-6110	110128	31100-82016	111310	31400-70F60	110967
				31100-82021	110394	31400-71310	110258
				31100-82030	111310	31400-71C10	111279
				31100-82031	111310	31400-71C20	111279
				31100-820D1	111310	31400-71C30	111279
				31100-82610	111310	31400-71C50	110967
				31100-82612	111310	31400-72010	110258
				31100-82632	111310	31400-72011	110258
				31100-826A0	111310	31400-73J00	113755
				31100-826A1	111310	31400-74010	110258
				31100-826D2	111310	31400-75F00	113322
				31100-83010	110394	31400-75F01	113322
				31100-83011	110394	31400-75F50	111779
				31100-83020	110394	31400-75FD5	111779
				31100-83030	110394	31400-77E10	111950
				31100-83031	110394	31400-77E11	111950
				31100-83421	110394	31400-77E12	111950
				31100-83E00	111310	31400-77E20	111779
				31100-84350	111561	31400-77E21	111779
				31100-84A00	113927	31400-77E22	111779
				31100-84A10	113897	31400-77E23	111779
				31100-84ECO	113843	31400-77E90	112332
				31100-85010	111385	31400-78010	110258
				31100-85020	111385	31400-78210	110258
				31100-85291	110402	31400-79G00	111779
				31100-85C00	110394	31400-79J00	113996
				31100-85E00	113843	31400-80010	110385
				31100-86130	111310	31400-80011	110385
				31100-86CB1	111070	31400-80E00	110967
				31100-86G00	114060	31400-80G00	111779
				31100-92330	111310	31400-80G10	114215
				31100-94400	112008	31400-80G10ATO	114215
				31100-94401	112008	31400-81A00	113322
				31100-94402	112008	31400-82610	110965
				31100-96310	112008	31400-82611	110965
				31100-96311	112008	31400-83010	110965
				31100-A83010	110394	31400-83E00	111779
				31100-A83031	110394	31400-84A00	114207
				31100-M70F00	111310	31400-84E00	114245
				31100-M79F00	111310	31400-84E01	114245
				31100-M81110	111561	31400-84E10	114247
				31100-M82011	111310	31400-85E00	113720
				31100-M82012	111310	31400-86010	110965
				31100-M82013	111310	31400-86520	111279
				31100-M82020	111310	31400-86521	111279
				31100-M82021	111310	31400-86G00	114023
				31100-M86J01	113843	31400-M70F60	110967
				31100-W0100	113527	31400-M79G00	111779
				31400-50G10	111279	31400-T85E00	113722
				31400-52D10	111950	32A66-00101	111272
				31400-60A00	111279	32A66-00600	111272
				31400-60A10	111279	32A66-10101	111272
				31400-60A11	111279	32A66-20601	111272
						34466-15102	111913

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>SAAB</b>				<b>TOYOTA</b>			
4070428	110847	3D97386G03	110487	00591-33580-81	111495	27020-31080	110138
4235610	110847	3D97387G01	110488	00591-55973-81	111495	27020-31090	110137
4670428	110847	3D97387G02	110488	27020-10940	110563	27020-32011	110138
4966842	110847	4116D22G03	110487	27020-12011	110137	27020-33010	110138
4966847	110847	4117D21G01	110177	27020-12012	110137	27020-33011	110138
5248372	113273	4117D21G02	110177	27020-12030	110137	27020-33020	110138
5340419	114526	41-5458	111216	27020-13010	110138	27020-33021	110138
5470513	114656	41-6780	111216	27020-13013	110138	27020-33022	110138
7532153	111270	41-6781	113716	27020-13030	110258	27020-33030	110138
8512311	113474	41-6782	113716	27020-13050	110138	27020-33036	110138
8530446	113474	41-7912	111216	27020-13060	110138	27020-33040	110138
8545543	113474	41-7913	113716	27020-13070	110138	27020-34030	110138
8545683	111270	41-7914	113716	27020-13080	110138	27020-34031	110138
8545691	111270	44-4021	110175	27020-13210	110138	27020-36021	110138
8828238	110847	44-4731	110590	27020-13220	110138	27020-36041	110138
9376799	111270	44-4751	110590	27020-13290	110138	27020-36042	110138
9544537	113674	44-5674	111683	27020-13290	110138	27020-36043	110138
12759595	114284	44-6257	110177	27020-15010	110273	27020-36060	110138
12762730	113352	44-6266	110177	27020-15020	110273	27020-36061	110138
12785604	114257	44-7154	110487	27020-15021	110273	27020-36070	110138
12785605	114468	44-7155	110487	27020-15022	110273	27020-36071	110138
55352882	114058	44-7156	110488	27020-15030	110273	27020-36080	110138
<b>TALBOT</b>				44-7376	110487	27020-15140	110273
9104009880	111070	44-7924	110487	27020-16030	110250	27020-38011	110138
A04009880	111070	44-7925	110487	27020-16040	110250	27020-38012	110137
<b>TARASOV WORKS</b>				44-7927	110488	27020-38031	110138
24.3708	111350	44-8091	110487	27020-18010	110138	27020-38120	110138
2406-3708	113431	44-8091	110487	27020-18011	110138	27020-39020	110138
<b>TECUMSEH</b>				44-8901	110487	27020-40060	110138
32423	112570	44-8902	110487	27020-21010	110138	27020-40061	110138
32468	112564	44-8902	110487	27020-21011	110138	27020-40062	110138
33306	112312	44-8903	110487	27020-22010	110137	27020-41032	110138
33329	112570	44-8904	110488	27020-22011	110137	27020-41033	110138
33519	112570	44-8939	110487	27020-22012	110137	27020-41034	110138
33605	112312	44-8940	110488	27020-22020	110137	27020-44030	110138
33606	112312	44-8950	111216	27020-22021	110137	27020-44042	110138
33835	112313	44-9571	111216	27020-22022	110137	27020-45031	110248
35096	112570	44-9572	113716	27020-23011	110137	27020-45071	112763
35763	112312	44-9716	113716	27020-23012	110137	27020-54150	114203
35765	112564	44-9750	110487	27020-23021	110137	27020-54160	114288
36264	112565	44-9751	110487	27020-23022	110137	27020-54210	114288
36463	112312	44-9752	110487	27020-24010	110137	27020-54250	111483
36680	112312	44-9753	110488	27020-24020	110137	27020-54351	111483
36795	112565	44-9754	110487	27020-24021	110137	27020-54352	111483
37000	112570	44-9755	110488	27020-24031	110138	27020-54354	111483
37425	112566	45-1170	110934	27020-24050	110138	27020-54383	112054
32468A	112564	45-1251	110486	27020-24060	110138	27020-56110	111613
32468B	112564	45-1263	110820	27020-24061	110138	27020-56180	111484
33329A	112570	45-1312	110485	27020-24062	110138	27020-56230	111613
33329B	112570	45-1335	110485	27020-24063	110138	27020-60070	110138
33329C	112570	45-1671	110820	27020-24090	110137	27020-63010	110250
33329D	112570	45-1688	112371	27020-25010	110138	27020-64020	110684
33329E	112570	45-1718	110485	27020-25021	110138	27020-64030	110684
33519A	112570	45-1993	110820	27020-26020	110138	27020-64080	110684
33519B	112570	45-220	112249	27020-26021	110138	27020-64100	110684
35763A	112312	45-2254	111216	27020-26022	110138	27020-64160	110684
35765A	112564	45-267	112249	27020-26031	110138	27020-68040	111596
<b>THERMO KING</b>				45-338	112249	27020-68130	111596
1E32215G01	111216	45-5657	111683	27020-26040	110138	27020-72010	110248
1E51760G01	111216	45-904	110486	27020-26050	110138	27020-72030	110248
25-35458-00	110246	46-237	111043	27020-26051	110138	27020-72050	110248
25-35465-00	110246	46-2663	112249	27020-26080	110138	27020-72060	110248
27D2786G01	110487	46-304	111043	27020-26090	110138	27020-72200	110248
2D72785G01	110487	46-372	111043	27020-26110	110138	27020-72230	110248
2D72786G01	110487	46-452	111043	27020-26150	110138	27020-72240	110248
2D72786G02	110487	46-462	111043	27020-29010	110138	27020-78601-71	110563
2D72787G01	110488	46-587	111043	27020-31010	110138	27020-87102	110137
2D72787G02	110488	46-781	111043	27020-31011	110138	27020-87103	110137
30-363-03	110371	5D33839G01	111216	27020-31020	110137	27020-87209	110137
3041C58G01	112249	5D35740G01	110487	27020-31030	110137	27020-87216	110258
3185C37G01	110590	5D35741G01	110487	27020-31031	110137	27020-87507	110258
3D97385G01	110487	5D35741G02	110487	27020-31032	110137	27020-87509	110258
3D97386G01	110487	5D35741G03	110487	27020-31033	110137	27020-87701	110138
		5D35741G04	110487	27020-31034	110137	27020-87702	110138
		5D35742G01	110488	27020-31040	110138	27020-87705	110137
		5D35742G02	110488	27020-31041	110138	27020-96601	110563
		5D35742G03	110488	27020-31042	110138	27030-54130	114288
		5D37920G01	113716	27020-31043	110138	27030-54140	114288
		5D38603G01	111216	27020-31050	110137	27030-54150	114288
		5D38604G01	113716	27020-31051	110137	27030-54160	114288
		5D50461G01	113716	27020-31071	110138		

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
27030-54190	111483	27060-0D030	113296	27060-16170	110682	27060-43090	111428
27030-54210	114288	27060-0D050	114361	27060-16230	110682	27060-43110	111428
27030-54241	111483	27060-0D110	114361	27060-16260	110682	27060-43111	111428
27030-54242	111483	27060-0D160	113296	27060-16280	111705	27060-43120	111428
27030-54243	111483	27060-0F020	114434	27060-16320	111517	27060-43990	110675
27030-54244	111483	27060-0G021	114410	27060-16350	111517	27060-46050	113089
27030-54250	111483	27060-0H070	115416	27060-16370	112860	27060-46060	113089
27030-54251	112054	27060-0J010	114005	27060-16390	112860	27060-46140	113089
27030-54252	112054	27060-0J020	114006	27060-16430	112860	27060-46250	113089
27030-54253	112054	27060-0J030	114005	27060-16460	112860	27060-50010	113085
27030-54260	111483	27060-0J040	114006	27060-17010	111780	27060-50011	113085
27030-54261	111483	27060-0L020	114024	27060-17020	111780	27060-50040	112181
27030-54262	111483	27060-0L021	114024	27060-17030	111781	27060-50070	113090
27030-54263	111483	27060-0L022	114024	27060-17060	111782	27060-50080	113090
27030-56080	111613	27060-0L080	114024	27060-17160	112360	27060-50140	113090
27030-56090	111613	27060-0L081	114024	27060-17170	112356	27060-50250	114433
27030-56150	111484	27060-0N011	114291	27060-17171	112356	27060-50260	114433
27030-56220	111613	27060-0N020	113972	27060-17220	112356	27060-54070	111605
27030-56250	111613	27060-0N021	113972	27060-18010	110496	27060-54080	111605
27030-56340	111613	27060-0Q010	114090	27060-20010	113081	27060-54140	111963
27030-68040	111596	27060-0Q011	114090	27060-20020	113081	27060-54210	111601
27030-68120	111596	27060-0Q020	114099	27060-20070	113081	27060-54290	111963
27030-YE010	114372	27060-0Q021	114099	27060-20120	113081	27060-55020	110496
27040-54030	114203	27060-0Q040	114311	27060-22020	114361	27060-58010	111616
27040-54050	114203	27060-0Q120	114090	27060-22030	114361	27060-58220	112211
27040-54060	114203	27060-0Q130	114099	27060-22040	114361	27060-58260	114363
27040-54080	114203	27060-0R011	114490	27060-22060	114158	27060-62011	111480
27040-54100	114203	27060-0T050	114694	27060-22100	114361	27060-62012	111480
27040-54130	111605	27060-0T051	114694	27060-22120	114361	27060-62090	111965
27040-54151	114203	27060-0Y040	114682	27060-22130	114361	27060-62160	114362
27040-54160	111605	27060-10010	110496	27060-22140	114158	27060-62190	114362
27040-54190	111605	27060-10011	110496	27060-22160	114361	27060-63012	110678
27040-54191	111605	27060-10030	110628	27060-22180	114361	27060-63020	111705
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27040-54220	111605	27060-10051	110628	27060-23030	114231	27060-63030	110678
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27040-54240	111605	27060-10061	110496	27060-26030	114410	27060-63040	110678
27040-54272	114203	27060-10070	110628	27060-27040	114115	27060-63041	110678
27040-54280	111963	27060-10071	110628	27060-27060	114101	27060-63060	110678
27040-54300	111963	27060-10080	110628	27060-27070	114115	27060-63061	110678
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27040-54320	111601	27060-10100	110628	27060-27100	114115	27060-63081	111705
27040-54340	111601	27060-11000	110628	27060-28060	113902	27060-63082	111705
27040-54350	111960	27060-11050	110496	27060-28070	114273	27060-63100	110678
27040-54360	114369	27060-11120	110496	27060-28080	113902	27060-63101	111705
27040-54370	111963	27060-11160	110496	27060-28090	113902	27060-63102	110678
27040-54380	111963	27060-11170	111518	27060-28100	113902	27060-64080	111507
27040-54410	111963	27060-11200	113636	27060-28110	114186	27060-64100	111507
27040-54440	111963	27060-11250	111678	27060-28120	114186	27060-64130	111598
27040-54450	111963	27060-11260	111678	27060-28260	114273	27060-64150	111598
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27040-64030	110684	27060-11340	111518	27060-30050	114024	27060-67020	112063
27040-64060	110684	27060-15080	111579	27060-30060	113969	27060-67030	112063
27040-64070	110684	27060-15090	111579	27060-30120	114024	27060-67070	112063
27040-64080	110684	27060-15100	111579	27060-30130	113969	27060-67110	112063
27040-64090	110684	27060-15110	111579	27060-30150	114024	27060-70050	111705
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27040-64110	110684	27060-15130	111579	27060-30154	114024	27060-72050	110675
27040-64120	110684	27060-15140	111579	27060-30154	114024	27060-72060	110675
27040-64130	110686	27060-15150	111579	27060-33020	114012	27060-72061	110675
27040-64131	110686	27060-16010	110496	27060-33030	114012	27060-72062	111428
27040-64140	110686	27060-16011	110496	27060-33040	114206	27060-72062	111428
27040-64141	110686	27060-16012	110496	27060-33050	113970	27060-72070	111428
27060-02020	110682	27060-16040	110678	27060-33051	113970	27060-72071	111428
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27060-02060	112860	27060-16050	110496	27060-35060	113077	27060-72090	111428
27060-02061	112860	27060-16051	110496	27060-35061	113077	27060-72100	111428
27060-02070	112860	27060-16060	111705	27060-35071	113077	27060-72101	111428
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27060-0D020	113296	27060-16160	110682	27060-43060	111428	27060-73020	113715
				27060-43062	111428	27060-74010	111705

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>TOYOTA</b> <i>Continued</i>							
27060-74020	111705	28100-05030	112336	28100-20552-71	110411	28100-36090	110152
27060-74070	111705	28100-05801	110397	28100-20553-71	110411	28100-37010	110152
27060-74100	111705	28100-07010	113119	28100-20557	110411	28100-37011-71	110152
27060-74110	111435	28100-08010	111874	28100-20571	110411	28100-40010	110154
27060-74120	111435	28100-08020	110411	28100-20572	110411	28100-40011	110154
27060-74130	111435	28100-08040	113108	28100-21020	113314	28100-40012	110154
27060-74140	111435	28100-0A010	114342	28100-21021	113314	28100-40013	110154
27060-74150	111435	28100-0B010	112006	28100-21030	113314	28100-40014	110154
27060-74160	111538	28100-0B020	112006	28100-21031	113314	28100-40015	110154
27060-74170	111538	28100-0C010	111784	28100-21060	114239	28100-40040	110152
27060-74180	112102	28100-0D010	113620	28100-21061	114239	28100-40041	110152
27060-74190	111435	28100-0D030	113271	28100-21062	114239	28100-40050	110152
27060-74210	111435	28100-0D050	113271	28100-21063	114239	28100-40060	110152
27060-74250	111538	28100-0D080	114419	28100-22000	110411	28100-40061	110152
27060-74270	111705	28100-0D090	114056	28100-22010	110421	28100-40100	110154
27060-74290	111435	28100-0D130	113271	28100-22011	110421	28100-40110	110154
27060-74320	111538	28100-0D180	114056	28100-22012	110421	28100-40120	110154
27060-74330	112102	28100-0E010	113649	28100-22020	110421	28100-40130	110154
27060-74360	111468	28100-0G010	112006	28100-22021	110421	28100-40140	110154
27060-74370	111517	28100-0G020	112006	28100-22022	110421	28100-40291-71	112036
27060-74380	111517	28100-0G040	114216	28100-22040	113271	28100-41010	110396
27060-74400	111517	28100-0H050	114817	28100-22041	113271	28100-41011	110396
27060-74410	111468	28100-0H051	114817	28100-22050	113620	28100-41012	110396
27060-74430	112101	28100-0H060	114037	28100-22060	110490	28100-41013	110396
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27060-74560	111468	28100-0H110	114037	28100-22061	110490	28100-41030	110396
27060-74590	111468	28100-0J010	113313	28100-22061-71	110490	28100-41060	110396
27060-74630	111517	28100-0L030	114731	28100-22070	113620	28100-42010	110396
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27060-74750	111468	28100-0L050	114853	28100-23020	113313	28100-44050	110396
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27060-75030	112358	28100-0N010	114068	28100-23660-71	113238	28100-45021	110396
27060-75040	113091	28100-0Q012	113963	28100-23800-71	111189	28100-45022	110396
27060-75080	111428	28100-0Q021	113963	28100-23810-71	110260	28100-45023	110396
27060-75100	112357	28100-0R010	114216	28100-28010	113244	28100-45030	110396
27060-75150	112357	28100-0T030	114886	28100-28041	114037	28100-45031	110396
27060-75190	112358	28100-0T060	114886	28100-30050	113938	28100-45032	110396
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27060-78003-71	110629	28100-14014	110154	28100-33020	110152	28100-50062	113171
27060-78153	114725	28100-15020	110399	28100-33040	114071	28100-50070	113171
27060-78153-71	114725	28100-16010	111455	28100-33080	114071	28100-50090	114440
27060-78154-71	112358	28100-16020	110713	28100-34010	110152	28100-54010	110708
27060-78203-71	113989	28100-16040	111455	28100-34020	110152	28100-54011	110708
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27060-78304-71	112252	28100-16070	111455	28100-34042	110411	28100-54042	110708
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27060-87603	111610	28100-16150	112033	28100-34070	110152	28100-54100	111387
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27060-87Z06	111437	28100-16180	111984	28100-34090	110152	28100-54140	110708
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27060-97203	113306	28100-16210	110713	28100-35030	110260	28100-54180	111387
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27060-YV010	112469	28100-16270	111984	28100-35060	110411	28100-54220	110708
27060-YV020	113755	28100-17010	113239	28100-35090	113108	28100-54250	110708
27070-23000-71	111017	28100-17020	111679	28100-35100	113109	28100-54270	112336
27070-23001-71	111018	28100-17030	111679	28100-35140	110411	28100-54290	111387
28100-01030	110713	28100-17040	113239	28100-36020	110152	28100-54310	112336
28100-02040	111984	28100-17060	113239	28100-36030	110152	28100-54320	113936
28100-02060	111984	28100-17090	113239	28100-36040	110152	28100-54340	112336
28100-02080	111984	28100-20540	110152	28100-36050	110152	28100-54370	113936
28100-03030	111544	28100-20550-71	110411	28100-36051	110152	28100-54380	112336
28100-03070	111550	28100-20551-71	110411	28100-36060	110152	28100-54390	113936
28100-03100	112367	28100-20552	110411	28100-36070	110152	28100-54400	112336

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
28100-54410	112336	ALT-0106	112345	ALT-1601	112949	ALT-2119	114036
28100-54460	112336	ALT-0107	111987	ALT-1603	112951	ALT-2120	114355
28100-54470	113936	ALT-0108	111834	ALT-1605	112953	ALT-2122	112170
28100-54490	113936	ALT-0109	111146	ALT-1606	112954	ALT-2230	114413
28100-54491	113936	ALT-0110	110895	ALT-1607	112961	ALT-2232	111843
28100-56040	114417	ALT-0111	112803	ALT-1608	112959	ALT-2235	111216
28100-60070	113097	ALT-0112	112189	ALT-1612	110724	ALT-2237	113716
28100-62020	111544	ALT-0113	111631	ALT-1616	112958	ALT-2251	114089
28100-62021	111544	ALT-0113X	111746	ALT-1701	112936	ALT-2252	112056
28100-62030	113173	ALT-0130	110427	ALT-1702	112931	ALT-2253	111076
28100-62040	113312	ALT-0136	114423	ALT-1705	111200	ALT-2300	112197
28100-62050	113119	ALT-0170	112294	ALT-1706	112993	ALT-2310	113992
28100-64020	111386	ALT-0173	114374	ALT-1706A	112933	ALT-2311	113751
28100-64040	111564	ALT-0190	114347	ALT-1708	112939	ALT-2312	112397
28100-64130	111554	ALT-0191	114348	ALT-1711	112927	ALT-2351	113958
28100-64140	111564	ALT-0192	114349	ALT-1713	112932	ALT-2352	113947
28100-64180	111386	ALT-0193	110176	ALT-1715	112925	ALT-2420	113274
28100-64190	111564	ALT-1002	112824	ALT-1720	112924	ALT-2421	113951
28100-64200	111554	ALT-1003	113579	ALT-1721	112947	ALT-2422	113944
28100-64210	111564	ALT-1004	112834	ALT-1723	112956	ALT-3013	113656
28100-64280	111386	ALT-1010A	110233	ALT-1803	113236	ALT-3022	113657
28100-64290	111564	ALT-1010AS	110505	ALT-1804	112940	ALT-3025	113563
28100-64310	111874	ALT-1022	110075	ALT-1805	111199	ALT-3027	114129
28100-64350	111969	ALT-1023	110504	ALT-1806	112921	ALT-3030	111405
28100-64430	111874	ALT-1030	110508	ALT-1808	112151	ALT-3032	113373
28100-65090	111783	ALT-1031	110471	ALT-1815	113544	ALT-3034	113634
28100-66050	113169	ALT-1032	110471	ALT-1815V	113285	ALT-3036	114356
28100-66060	113169	ALT-1032B	110471	ALT-1817	112298	ALT-3040	111956
28100-67030	113757	ALT-1069	112893	ALT-1902	112942	ALT-3040A	111626
28100-67050	113757	ALT-1070	112884	ALT-1903	112944	ALT-3041	110804
28100-67051	113757	ALT-1083	112886	ALT-1904	112943	ALT-3042	111529
28100-67070	113938	ALT-1096	112888	ALT-1905	112946	ALT-3047	112328
28100-70050	114223	ALT-1098	112980	ALT-2030	111477	ALT-3048	114357
28100-72010	110397	ALT-1099	112873	ALT-2030C	111820	ALT-3049	113503
28100-72030	110397	ALT-1101	112160	ALT-2030D	111899	ALT-3051T	110663
28100-72060	110397	ALT-1150	110801	ALT-2030U	111884	ALT-3053	111317
28100-72080	110397	ALT-1208	111708	ALT-2031	111369	ALT-3055	110631
28100-72100	110397	ALT-1209	113349	ALT-2031U	111890	ALT-3057	111530
28100-74020	111544	ALT-1210	113350	ALT-2031V	113442	ALT-3058	111611
28100-74021	111544	ALT-1211	111846	ALT-2031X	112529	ALT-3059	111264
28100-74050	111544	ALT-1212	114350	ALT-2034	111354	ALT-3065	110664
28100-74070	111544	ALT-1214	112861	ALT-2035	111353	ALT-3071B	112067
28100-74090	111544	ALT-1281	114351	ALT-2038	111676	ALT-3071D	111384
28100-74100	111544	ALT-1301A	111711	ALT-2043	111479	ALT-3072	111807
28100-74130	111550	ALT-1301B	112639	ALT-2048	113298	ALT-3073	111237
28100-74140	111550	ALT-1301C	112629	ALT-2050	113889	ALT-3077	111375
28100-74200	111463	ALT-1307C	110984	ALT-2056	112079	ALT-3077D	111309
28100-74240	113244	ALT-1309A	111854	ALT-2057	111989	ALT-3078	111704
28100-74250	111463	ALT-1310C	110503	ALT-2060	111732	ALT-3094	113371
28100-74260	112367	ALT-1311B	111388	ALT-2061A	111898	ALT-3095	113375
28100-74270	112367	ALT-1311C	110499	ALT-2062	111991	ALT-3098	113360
28100-74280	111550	ALT-1315C	110986	ALT-2065	112557	ALT-3101	113506
28100-74290	112367	ALT-1317A	112447	ALT-2066	111427	ALT-3104	114456
28100-75010	111785	ALT-1321C	110985	ALT-2072	111988	ALT-3105	113497
28100-75090	111784	ALT-1322B	110502	ALT-2073	112194	ALT-3212	111381
28100-75130	111784	ALT-1323C	112636	ALT-2077	114431	ALT-3301	114424
28100-76060	111682	ALT-1325B	111220	ALT-2082	112072	ALT-3351	114425
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28100-77090	110507	ALT-1329C	112640	ALT-2085	112539	ALT-3504	111315
28100-87213	111455	ALT-1334B	112338	ALT-2085A	114352	ALT-3508	111806
28100-87510	111088	ALT-1339B	110500	ALT-2085U	111883	ALT-3515	114432
28100-87517	111088	ALT-1402	111712	ALT-2085V	113869	ALT-3516	114461
28100-87601	110473	ALT-1406	112614	ALT-2086	112144	ALT-3517	110802
28100-87603	111464	ALT-1407	112229	ALT-2087	112416	ALT-3518	110804
28100-87803	113208	ALT-1410	112165	ALT-2089	114656	ALT-3522	111406
28100-89106	113214	ALT-1411	111223	ALT-2089A	113272	ALT-3523	112427
28100-U2100-71	113108	ALT-1412	112615	ALT-2089B	113510	ALT-3523A	112427
28100-YV010	113254	ALT-1415	112613	ALT-2090	113352	ALT-3523B	112427
28100-YV020	113933	ALT-1418	112868	ALT-2094	114122	ALT-3523B	113923
28300-22003-71	110411	ALT-1420	112665	ALT-2094U	114353	ALT-3532	114508
		ALT-1421	111891	ALT-2096U	113640	ALT-3533	112457
		ALT-1432	112869	ALT-2097	113837	ALT-3600	114359
		ALT-1433	111426	ALT-2097W	114354	ALT-3632	113002
		ALT-1447	113498	ALT-2111A	113351	ALT-3702	111285
		ALT-1500	112853	ALT-2113	113289	ALT-3704	112977
		ALT-1503	112850	ALT-2114	113284	ALT-3705	113035
		ALT-1509	112850	ALT-2115	114296	ALT-3710	113954
		ALT-1511	112853	ALT-2117B	114212	ALT-3718	112349
		ALT-1511	113777	ALT-2118	113998	ALT-3725	113952
<b>UNIPOINT</b>							
ALT-0050	110937						
ALT-0071	114430						
ALT-0101	112076						
ALT-0102	112159						
ALT-0103A	112561						
ALT-0104	111886						
ALT-0105	112757						

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>UNIPOINT</b> <i>Continued</i>							
ALT-3729	113697	ALT-5111B	113296	ALT-T158	114365	STR-2014	114118
ALT-4025	110970	ALT-5113	114433	ALT-V001	114415	STR-2016	111059
ALT-4026	110607	ALT-5115	114362	ALT-V002	111831	STR-2017	111456
ALT-4026P	111754	ALT-5117	113628	ALT-V003	111294	STR-2018	111680
ALT-4027	111623	ALT-5119	110683	ALT-V004	111797	STR-2019	111748
ALT-4028	110770	ALT-5129	111779	ALT-V005	111515	STR-2020	112131
ALT-4028A	114360	ALT-5132	113902	ALT-V008	111467	STR-2022	111749
ALT-4028F	112722	ALT-5136	113763	ALT-V009	111186	STR-2023	110351
ALT-4028FP	110968	ALT-5204	112583	ALT-V010	111187	STR-2028	111347
ALT-4029	110891	ALT-5209	112833	ALT-V012	112093	STR-2030	112306
ALT-4029FP	113574	ALT-5214	113358	ALT-V014	111291	STR-2031	112307
ALT-4029P	110178	ALT-5301P	110629	ALT-V016	111344	STR-2035A	112321
ALT-4030	111176	ALT-5302	111048	ALT-V017	110806	STR-2036	111131
ALT-4030FP	112238	ALT-5305	110620	ALT-V018	111872	STR-2036A	110337
ALT-4031	111741	ALT-6080	111194	ALT-V019	111267	STR-2037	111906
ALT-4032	111738	ALT-6081	113058	ALT-V021	114366	STR-2038	112141
ALT-4032A	113474	ALT-6082A	113051	ALT-V022	112272	STR-2044	112309
ALT-4036	110497	ALT-6087	113071	ALT-V023	112271	STR-2045	111769
ALT-4036A	112237	ALT-6090	113069	ALT-V023U	113941	STR-2046	111750
ALT-4036B	111356	ALT-6096	113362	ALT-V024	111767	STR-2050	111065
ALT-4039	111740	ALT-6180	114363	ALT-V026	112129	STR-2053	112541
ALT-4050	111418	ALT-6182	114364	ALT-V027	114367	STR-2056	112431
ALT-4051	111148	ALT-6204	113433	ALT-V028	114368	STR-2059	113430
ALT-4071	113471	ALT-6208	113235	ALT-V029	114426	STR-2060	113276
ALT-4206	113405	ALT-6209	113559	ALT-V034	114018	STR-2061	113387
ALT-4207	113667	ALT-6210	113365	ALT-V035	114369	STR-2062	110336
ALT-4208	111413	ALT-6213	114434	ALT-V036	110700	STR-2101	110847
ALT-4210	111505	ALT-7001	111990	ALT-V038	111493	STR-2103	112818
ALT-4211	111689	ALT-7007	111718	ALT-V039A	111491	STR-2107	112005
ALT-4212	112202	ALT-7008	113485	ALT-V041	114370	STR-2109	112459
ALT-4214	111416	ALT-7009	114114	ALT-V043	114014	STR-2111	113613
ALT-4215	112121	ALT-7011	112162	ALT-V051	114371	STR-2112	111909
ALT-4216	111411	ALT-7012	112696	ALT-V052	114372	STR-2113	111823
ALT-4217	111795	ALT-7013	112769	ALT-V055H	114427	STR-2119	113963
ALT-4218	112142	ALT-7014	111325	ALT-V056	113956	STR-2121	113750
ALT-4219	112143	ALT-7015	112287	ALT-V057	112205	STR-2200	110867
ALT-4220	113599	ALT-7016	112681	ALT-V059	114373	STR-2201	112166
ALT-4221	111756	ALT-7017	112230	ALT-V060	114428	STR-2203	111060
ALT-4222	112325	ALT-7018	112688	STR-0124	114325	STR-2203A	112286
ALT-4228	113621	ALT-7019	111093	STR-0130	113827	STR-2204	111855
ALT-4230	114204	ALT-7020	111532	STR-0131	114326	STR-2205	112167
ALT-4231U	113904	ALT-7021	110619	STR-0132	114435	STR-2209	111851
ALT-4233	113718	ALT-7022	112299	STR-0303	114436	STR-2210	112440
ALT-4234	113535	ALT-7023	112782	STR-0310	114343	STR-2213A	113959
ALT-4237	113943	ALT-7150	111051	STR-1001A	110634	STR-2214	111619
ALT-4238	113336	ALT-7151A	110562	STR-1002A	110635	STR-2215	112295
ALT-5016	113989	ALT-7151B	110657	STR-1005A	112563	STR-2216	111694
ALT-5019	112559	ALT-7154	113386	STR-1006A	112242	STR-2218H	112251
ALT-5020	111678	ALT-7202	113652	STR-1007	112312	STR-2219	112553
ALT-5021	110965	ALT-7204	112458	STR-1009	112566	STR-2220	111900
ALT-5022	110967	ALT-7215	112471	STR-1012	113853	STR-2228	111865
ALT-5024	113401	ALT-7216	113247	STR-1047	112565	STR-2229	111751
ALT-5025	111279	ALT-7217	113248	STR-1051	111700	STR-2230	113749
ALT-5031	111578	ALT-7218	113245	STR-1052	110510	STR-2231	112172
ALT-5035	110682	ALT-7222	112460	STR-1055	111701	STR-2232	112821
ALT-5041	111579	ALT-7224	113755	STR-1058	111012	STR-2233	111724
ALT-5042	111193	ALT-7225	113950	STR-1060	111043	STR-2234	114160
ALT-5045	113056	ALT-7226	114026	STR-1061	110645	STR-2236	113674
ALT-5046	113055	ALT-7227	112461	STR-1062	110241	STR-2238	112534
ALT-5048	113067	ALT-7228	112480	STR-1063	110648	STR-2240	111904
ALT-5050	111428	ALT-7229	112703	STR-1064	110649	STR-2241	113678
ALT-5052	113076	ALT-7500	114414	STR-1065	110240	STR-2242	113842
ALT-5055	110675	ALT-D016	113803	STR-1066	110644	STR-2243	113843
ALT-5056	113077	ALT-F005	112914	STR-1067	110647	STR-2244	114093
ALT-5059B	113078	ALT-F008	113710	STR-1068	110650	STR-2245	112441
ALT-5059C	111517	ALT-F009	113709	STR-1069	110636	STR-2246	113841
ALT-5062	111518	ALT-F010	113913	STR-1070	110949	STR-2247	113446
ALT-5066	113063	ALT-F050	112835	STR-1071B	111840	STR-2301	110536
ALT-5067	111705	ALT-F051	111252	STR-1100	112218	STR-2302	110529
ALT-5069	111480	ALT-F057	112842	STR-2003	111489	STR-2311	111982
ALT-5070	111609	ALT-L030	110349	STR-2004	111010	STR-2312	113466
ALT-5087	113081	ALT-L031	110350	STR-2005	111029	STR-2313	113979
ALT-5089	113089	ALT-L032	110348	STR-2006	111400	STR-2314	113760
ALT-5092	111468	ALT-T140	112343	STR-2007	111269	STR-2315	112498
ALT-5094	111018	ALT-T142	112392	STR-2009	111030	STR-2316	113277
ALT-5095	110564	ALT-T145	111833	STR-2010	111490	STR-2317	113759
ALT-5097	111285	ALT-T145A	111629	STR-2011	111425	STR-2319	112494
ALT-5103	113094	ALT-T151	111842	STR-2012	110862	STR-2320	114523
ALT-5111A	114361	ALT-T156	113488	STR-2013	111270	STR-2322	112055

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
STR-2351	112224	STR-3039	111396	STR-4390	114330	STR-6079	114335
STR-2352	111910	STR-3045	111534	STR-4391	114013	STR-6081	113239
STR-2358	112436	STR-3050	111311	STR-4392	114331	STR-6086	113114
STR-2370	111771	STR-3052	113136	STR-4394	113851	STR-6088	113206
STR-2371	113609	STR-3053	111305	STR-4501	113346	STR-6090	113725
STR-2372	112581	STR-3055	113044	STR-4502	113962	STR-6092	110942
STR-2374	113608	STR-3056	111690	STR-4514	111685	STR-6093	110961
STR-2380	110206	STR-3059	112986	STR-4518	112379	STR-6102	111247
STR-23801	114437	STR-3069	112301	STR-4519	112382	STR-6103	110723
STR-23802	114438	STR-3069C	114238	STR-4600	111123	STR-6107	113675
STR-23804	110535	STR-3070	111451	STR-4603	111130	STR-6133	113194
STR-23806	110209	STR-3073	112900	STR-4604	111055	STR-6138	110576
STR-23807	110932	STR-3077	111307	STR-4606	113254	STR-6144	111913
STR-23809	110980	STR-3080	111608	STR-4607	110584	STR-6157	110507
STR-2381	110207	STR-3091	114328	STR-4608	110866	STR-6159	114336
STR-2382	110208	STR-3093	113618	STR-4609	111251	STR-6160	110580
STR-2384	110582	STR-3098	111312	STR-4610	113932	STR-6161	110581
STR-2385	110601	STR-3099	111034	STR-4613	114460	STR-6163	110490
STR-2386	110512	STR-3101	112912	STR-4614	112322	STR-6165	113129
STR-2388	111218	STR-3102	112911	STR-4615	111641	STR-6170	113130
STR-2389	110534	STR-3106	113521	STR-4616	111994	STR-6171	114337
STR-2390	110532	STR-3109	112898	STR-4617	113929	STR-6176	112649
STR-23902	110531	STR-3118	112241	STR-4618	113719	STR-6177A	114338
STR-23903	112120	STR-3119	113642	STR-4619	113933	STR-6180	114339
STR-23904	112119	STR-3124	114225	STR-4700	111070	STR-6182	111679
STR-23905	110212	STR-3200	114058	STR-4703	112475	STR-6183	112822
STR-23906	112116	STR-3301	111382	STR-4704	112474	STR-6187	113203
STR-2391	110210	STR-3308	112320	STR-4707	114029	STR-6196	114340
STR-2392	111046	STR-3309	113408	STR-4708	113897	STR-7002	113668
STR-2394	111231	STR-3501	113139	STR-5001	111386	STR-7006	112276
STR-2395	110214	STR-3501A	111025	STR-5002	111525	STR-7010	114418
STR-2396	111219	STR-3502	111970	STR-5003	111387	STR-7013	113703
STR-2411	113891	STR-3503	110811	STR-5004	114071	STR-7030	112370
STR-2412	114327	STR-3504	112368	STR-5005	110389	STR-7035	111023
STR-2413	113934	STR-3505	113045	STR-5008	114332	STR-7037	112103
STR-2414	114073	STR-3514	112300	STR-5011H	113132	STR-7039	113445
STR-2415	114031	STR-3521	113805	STR-5012	111683	STR-7040	111912
STR-2503	112911	STR-3522	113020	STR-5014	113168	STR-7052	110602
STR-2521	110216	STR-3523	111730	STR-5015	113169	STR-7053	110590
STR-2602	111786	STR-3528	114329	STR-5017	113171	STR-7054	111041
STR-2603	112240	STR-3529	110810	STR-5022	113172	STR-7056	112253
STR-2604	112904	STR-3556	110479	STR-5025	113696	STR-7057	112267
STR-2606	112906	STR-3556	113659	STR-5027	113662	STR-7063	113452
STR-2607	112907	STR-3557	110808	STR-5028	112336	STR-7065	110604
STR-2612	112897	STR-3558	113040	STR-5030	114429	STR-7066	112268
STR-2618	112902	STR-3561	110158	STR-5032	113702	STR-7067	112653
STR-2660	111684	STR-3562	110149	STR-5034	113459	STR-7068	112341
STR-2661	111848	STR-3564	110144	STR-5037	113965	STR-7072	111221
STR-2703	112965	STR-3567	110155	STR-5201	113173	STR-7073	111383
STR-2716	114119	STR-3568	110279	STR-5204	112214	STR-7075	112667
STR-2807	112340	STR-3569	110447	STR-5207	113361	STR-7076	112668
STR-2808	112235	STR-3571	110421	STR-5300	114333	STR-7107	113669
STR-2823	112592	STR-3573	110154	STR-6000	110573	STR-7108	114169
STR-2825	112600	STR-3574	110152	STR-6006	110820	STR-7131	113195
STR-2826	111844	STR-3576	111452	STR-6007	114213	STR-7149	111558
STR-2831	111374	STR-3577	110277	STR-6009	112371	STR-7158	111760
STR-2832	111183	STR-3579	110394	STR-6011	110574	STR-7159	112269
STR-2833	112584	STR-3581	110278	STR-6012	111559	STR-7169	113435
STR-2834	111370	STR-3585	111310	STR-6016	112676	STR-7900	113672
STR-2839	112608	STR-3593	110292	STR-6021B	111136	STR-7901	113676
STR-2843	112603	STR-3595	110958	STR-6023	111274	STR-7902	113673
STR-2845	111374	STR-3596	113644	STR-6024	112365	STR-7903	114872
STR-2857	113910	STR-3600	113024	STR-6027	114439	STR-7904	113746
STR-2901	110809	STR-3603	113392	STR-6032	110575	STR-7905	114193
STR-3002	110315	STR-3606	113398	STR-6033	114334	STR-7906	113830
STR-3003B	110810	STR-3607	110312	STR-6034	111272	STR-7908	113984
STR-3004	111241	STR-3609	113409	STR-6037A	111703	STR-7913	115556
STR-3010	111459	STR-3612	113394	STR-6039	110578	STR-7914	114733
STR-3010A	113267	STR-3801	112373	STR-6041	110386	STR-7952	114310
STR-3015	111485	STR-3802	113661	STR-6046	111461	STR-7953	113851
STR-3015A	111108	STR-3803	113680	STR-6047	111273	STR-8001	113108
STR-3016	110142	STR-3806	112478	STR-6048	111275	STR-8001A	113108
STR-3022B	111349	STR-4201	113153	STR-6050	114232	STR-8002	111492
STR-3024	111764	STR-4202	110436	STR-6051	114417	STR-8006	110411
STR-3027	110572	STR-4204	112089	STR-6052	110627	STR-8015	111682
STR-3028	112845	STR-4290	113550	STR-6055	113428	STR-8016	113402
STR-3032	112846	STR-4302	110347	STR-6056	110941	STR-8018	110182
STR-3034A	111699	STR-4303	110999	STR-6066	113214	STR-8019	110720
STR-3036	111127	STR-4304	114416	STR-6073	113238	STR-8023	113116

## STARTERS & ALTERNATORS

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>UNIPOINT</b> <i>Continued</i>							
STR-8025	111442	0996140MO30SM	110241	SM02556	111043	SMH12A102	110510
STR-8027	113119	1065240MO30SM	110649	SM02610	110240	SMH12A2	110510
STR-8028	113120	1079540MO30SM	112567	SM05994	110510	SMH12A201	110510
STR-8032	111550	1122921-M030SM	110647	SM05995	111700	SMH12A3	111700
STR-8033	111984	1122940-M030SM	110647	SM08041	110647	SMH12A4	110510
STR-8034	111783	1146340-M030SM	110510	SM08142	110645	SMH12A5	111700
STR-8043	111552	1147840MO30SM	110649	SM09961	110241	SMH12B31	110241
STR-8044	111454	1250740-M030SM	110510	SM09962	110648	SMH12B41	110240
STR-8055	113242	1491624MO30SM	110650	SM09964	110648	SMH12B42	110647
STR-8057	110938	1570140MO30SM	110510	SM10629	110240	SMH12B43	110647
STR-8064	113244	1574440MO30SM	110510	SM10652	110649	SMH12C1	111701
STR-8085	112367	1574540MO30SM	111701	SM10790	110654	SMH12C31	110648
STR-8090	112547	1635323-M030SM	110510	SM10970	110654	SMH12C41	110644
STR-8091	112033	1635340-M030SM	110510	SM11229	110647	SMO1965	110634
STR-8100	114440	177054030SM	110949	SM1122940	110647	SMO2469	110644
STR-8102	113620	1799640MO30SM	110240	SM11279	110647		
STR-8103	114135	1819040MO30SM	110949	SM11463	110510	<b>VALEO</b>	
STR-8104	112545	1819140MO30SM	112568	SM11478	110649	57158	112758
STR-8261	113665	2070240MO30SM	110644	SM12507	110510	076517	113466
STR-8263	111455	2134940MO30SM	112831	SM14916	110650	76517	113466
STR-8264	113271	2-2432-UT	113593	SM15701	110510	076571	110512
STR-8268	113314	4412040MO30SM	110636	SM15745	111701	098208	111231
STR-8270	113629	4509809S030SM	110510	SM16353	110510	098209	111231
STR-8272	113601	4733040MO30SM	111012	SM17916	110644	100363	110163
STR-8273	114341	4754840MO30SM	112567	SM17917	110644	100894	111331
STR-8274	113630	4769040MO30SM	112145	SM17996	110240	101368	110931
STR-8276	112546	4786240MO30SM	110645	SM18190	110949	101375	110163
STR-8277	114419	4820340MO30SM	110654	SM18191	112568	102334	110076
STR-8279	113649	4836940MO30SM	110649	SM20521	112247	180620	113477
STR-8282	110323	4886540MO30SM	110648	SM20702	110644	181598	111231
STR-8284	112006	5071240MO30SM	112156	SM20703	110644	182551	111130
STR-9001	113131	5213140MO30SM	110949	SM21349	112831	182604	111070
STR-9020	113237	5213240MO30SM	112831	SM43672	113015	184030	111130
STR-9103	114420	5216040MO25SM	112247	SM43790	113015	184202	111047
STR-9104	114017	5225040MO30SM	112244	SM44120	110636	184413	111130
STR-9106	114343	5239740MO30SM	112150	SM47330	111012	184470	111130
STR-9107	112342	5249840MO30SM	112157	SM47548	112567	184643	111070
STR-9108	114344	5273440MO30SM	110636	SM47690	112145	185547	111251
STR-9109	114345	5278340MO30SM	112244	SM47764	110654	185562	110585
STR-9110	114441	5278440MO30SM	112150	SM47862	110645	185625	111070
STR-9111	114421	5665940MO30SM	111701	SM48201	110648	185994	111070
STR-9113	112823	5666140MO30SM	110510	SM48202	110654	186269	111130
STR-9114	114442	5666240MO30SM	110949	SM48203	110654	186561	110585
STR-9116	114422	5666340MO30SM	112568	SM48204	110650	186625	113307
STR-9118	110944	5666440MO30SM	112831	SM48369	110649	186887	111130
STR-9119	111020	5666640MO30SM	111012	SM48826	111861	187031	113478
STR-9121	114346	5666740MO30SM	111701	SM48865	110648	190396	111909
STR-9152	112544	5667040MO30SM	112150	SM50497	110510	190895	113933
STR-B001	113389	5667140MO30SM	113017	SM52132	112831	191335	113842
STR-B002	110844	5667640MO30SM	112146	SM52160	112247	219137	113498
STR-B003	112290	5671440MO30SM	112145	SM52397	112150	219138	113349
STR-B008	112533	5675640MO30SM	112826	SM52784	112150	219139	113350
STR-B010	113134	5676940MO30SM	112827	SM56657	111700	219187	111846
STR-B014	111996	5680640MO30SM	113594	SM56659	111701	219199	113498
STR-B015	112041	5705340MO30SM	110647	SM56661	110510	219202	113349
STR-L020	112304	6013840MO30SM	112832	SM56662	110949	219235	114114
STR-L021	110352	6019440MO30SM	112832	SM56663	112568	310426	110113
		6020940MO30SM	113376	SM56664	112831	390086	112657
		6502540MO30SM	115388	SM56666	111012	425300	114664
		6585840MO30SM	112157	SM56669	112244	432503	110365
		6727040MO30SM	113017	SM56670	112150	432510	110585
		6743040MO30SM	112830	SM56676	112146	432512	111066
		6743240-M030SM	113591	SM56714	112145	432538	112541
		6767540MO30SM	112829	SM56756	112826	432546	110587
		6873740-M030SM	113592	SM56769	112827	432550	111064
		9G4338	110999	SM56804	113594	432551	111068
		M055014A	110241	SM57047	110644	432553	110835
		M055017A	110241	SM57053	110647	432555	111063
		M0551014A	110241	SM59535	110644	432557	110856
		M0551017	110241	SM60138	112832	432558	111100
		M0551046A	111861	SM60194	112832	432561	111070
		MM48826	111861	SM60209	113476	432565	110866
		M0551014A	110241	SM60917	112832	432566	110585
		SM01399	110644	SM67432	113591	432567	110819
		SM01446	110648	SM67675	112829	432569	111332
		SM01965	110634	SM68737	113592	432570	110819
		SM02289	110644	SME12A11	110510	432571	110819
		SM02465	110644	SME12A8	110510	432572	111332
		SMO2466	110644	SMH1201399	110644	432573	110587

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
432575	110584	433154	110619	433303	110587	433462	111171
432576	110584	433158	111326	433305	111070	433465	111072
432581	110585	433162	112292	433307	111063	433466	111319
432582	112295	433176	111319	433309	110585	433467	111171
432586	111334	433179	112683	433310	111114	433482	110349
432588	110587	433190	112299	433310	112541	433483	110348
432590	111251	433200	111100	433311	110584	433483	110350
432591	110584	433204	111068	433311	110640	433485	110179
432598	110584	433205	110587	433314	111332	433485	110969
432606	110865	433207	111063	433315	111332	433485	111184
432607	110368	433209	111063	433316	110565	433486	112238
432614	110585	433215	111115	433318	110536	433487	112162
432621	110585	433223	110793	433320	110585	434005	110766
432622	111251	433223	111066	433320	111251	434009	112288
432623	110584	433229	111125	433321	111029	434010	112288
432626	111055	433231	110793	433321	111129	434013	113470
432628	111251	433232	111029	433322	111130	434014	111629
432629	112295	433237	110835	433322	113443	434016	111833
432634	111025	433243	110856	433323	111029	434017	112046
432636	111130	433244	110367	433324	111070	434026	111842
432637	112295	433245	110367	433325	111025	434027	111833
432638	111333	433245	110866	433326	111115	434029	113351
432643	111422	433246	110367	433332	112295	434030	113351
432644	111851	433246	110866	433333	110365	434032	113295
432653	111053	433247	110367	433335	111061	434035	111842
432659	112289	433247	110866	433336	111069	434036	113351
432662	111056	433248	111347	433337	110336	436000	110772
432663	110338	433248	112295	433340	110867	436000	111052
432666	111029	433249	110585	433340	112290	436002	111065
432670	113605	433254	111064	433341	111131	436002	112440
432672	112295	433255	111064	433343	111117	436003	111347
432673	111508	433256	111114	433344	110839	436004	110862
432675	111347	433256	112541	433346	111118	436005	110862
432684	112295	433257	110835	433347	110337	436006	110838
432685	114095	433261	111058	433347	111131	436007	111228
432700	110880	433262	110824	433347	113346	436007	112124
432726	111082	433262	111010	433351	110743	436007	112289
432739	111075	433264	110865	433352	110743	436009	110771
432765	112744	433267	110869	433353	110144	436009	110831
432772	111153	433268	110996	433353	111075	436010	110771
432776	110931	433269	110363	433354	110916	436010	110868
432783	110889	433272	111102	433358	110916	436013	111056
432799	111319	433273	111102	433358	111075	436014	111010
432808	111071	433274	110772	433359	110179	436016	110865
432814	112755	433276	110365	433364	111076	436018	110864
432819	111086	433276	111585	433364	112162	436019	111059
432825	111289	433278	110338	433368	111071	436020	111060
432834	110743	433278	110365	433373	113839	436021	111058
432835	111086	433278	112295	433375	110769	436022	111059
432836	111289	433279	110352	433392	110745	436022	111748
432845	110913	433279	111106	433404	110745	436023	110997
432853	111652	433282	110812	433404	110975	436024	110858
432854	110358	433283	110608	433405	110751	436025	111054
432868	111686	433286	110336	433417	110920	436026	112289
432973	110178	433286	111131	433418	110920	436029	112125
432984	111948	433287	110336	433420	111072	436030	112321
432989	112098	433287	110337	433429	112728	436031	112125
433016	110865	433287	111053	433437	111072	436032	112455
433036	110916	433287	111131	433440	111082	436033	112289
433040	110993	433287	111750	433442	111082	436034	110847
433042	112744	433289	110336	433442	112298	436034	111122
433043	112149	433289	110831	433442	112728	436035	110854
433047	111152	433289	111131	433444	112744	436037	110814
433050	111288	433289	111269	433446	112739	436037	111693
433054	111656	433292	110459	433447	111072	436038	111112
433066	112744	433292	110461	433448	111072	436040	112533
433069	111841	433292	112251	433448	111171	436040	113446
433077	111072	433293	110530	433449	112744	436041	110844
433079	111321	433293	110869	433451	111171	436042	111112
433082	112162	433293	110997	433452	112755	436042	111120
433085	111036	433294	110368	433453	110889	436043	112537
433096	112756	433295	110775	433454	110993	436044	110522
433097	111325	433296	110364	433455	111841	436044	113134
433115	111035	433297	111055	433457	112162	436045	113846
433117	110912	433297	111127	433458	111179	436048	111694
433118	111035	433298	110341	433459	111325	436049	111619
433121	111171	433300	111064	433459	112756	436051	112295
433138	111093	433301	110352	433460	113500	436052	110354
433149	112769	433301	111106	433461	113500	436052	110441

## STARTERS & ALTERNATORS

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>VALEO</b> <i>Continued</i>							
436052	112439	436121	110358	436170	111086	436254	113485
436053	110394	436121	110735	436173	111086	436255	112769
436055	110368	436121	111138	436173	111364	436256	111082
436056	111055	436121	111146	436175	110178	436256	112795
436056	111123	436121	112098	436179	110178	436258	110619
436056	111127	436125	110730	436179	110759	436260	112782
436058	110585	436126	111093	436179	110770	436263	110970
436058	113481	436127	111649	436179	111289	436263	111948
436059	110585	436127	112098	436179	111362	436264	110107
436059	113481	436130	110877	436179	112683	436264	111649
436060	111251	436130	112310	436180	111289	436264	111948
436061	111114	436131	110877	436181	110968	436265	110641
436061	112541	436132	111147	436181	111289	436266	111662
436062	110584	436134	111147	436181	111362	436266	112098
436064	110587	436134	112774	436184	111096	436267	110105
436064	111130	436136	110880	436189	110911	436267	111649
436065	111130	436137	110911	436189	110919	436269	110735
436070	111755	436137	110975	436189	110975	436269	111662
436072	110442	436140	110178	436189	111652	436269	112098
436072	110565	436140	110968	436189	111653	436272	112736
436072	112660	436140	111185	436191	110919	436273	111355
436073	110529	436140	111834	436191	111094	436287	110911
436073	110813	436140	113378	436191	111095	436287	110971
436074	110529	436144	110968	436191	112149	436290	111149
436074	110813	436144	111184	436192	110767	436291	112729
436075	112135	436144	111185	436192	112149	436293	110913
436076	110818	436144	113378	436192	112735	436294	110107
436077	110536	436145	111289	436193	110902	436295	111169
436077	111752	436146	110358	436193	111152	436295	111800
436078	110835	436148	110914	436194	110360	436295	112056
436078	111333	436148	110972	436194	110913	436296	111287
436081	110585	436148	111168	436196	110913	436296	111288
436081	111251	436149	111086	436197	110913	436296	111652
436083	111270	436149	111166	436199	110911	436296	112763
436084	110585	436149	111656	436199	111094	436297	111166
436085	111489	436149	112056	436199	111652	436297	111178
436086	110524	436150	111166	436199	113758	436297	111686
436091	113465	436150	111187	436208	110767	436297	112775
436095	111231	436150	111467	436208	110975	436299	111095
436096	113466	436150	113376	436208	111652	436299	111288
436097	111231	436153	110077	436208	111653	436299	112763
436098	111231	436153	110914	436208	113758	436301	111170
436100	110880	436153	111656	436211	111139	436302	111170
436100	110975	436153	111767	436211	113611	436303	112750
436100	111653	436153	111891	436212	111139	436306	111085
436102	110887	436155	111178	436215	110360	436306	111321
436102	111153	436157	111166	436215	110913	436306	112753
436103	112719	436157	111178	436215	111287	436308	110921
436105	110882	436157	112056	436220	110919	436309	111321
436105	110890	436157	112775	436223	111364	436309	113839
436105	111686	436159	111178	436225	111095	436310	111321
436109	110899	436159	111656	436225	111287	436310	112753
436109	111180	436160	110914	436228	111094	436311	111149
436111	110890	436160	111168	436228	111154	436313	111072
436111	110912	436161	110914	436228	112149	436313	111156
436111	111138	436161	110972	436230	111036	436314	112754
436112	110611	436161	111168	436230	111621	436315	110877
436112	110882	436161	111800	436235	110612	436316	110769
436112	110890	436166	110178	436235	110882	436316	111071
436112	110912	436166	110179	436235	111148	436316	113839
436112	111138	436166	110759	436236	111035	436330	112683
436112	112719	436166	110969	436236	111148	436333	112687
436112	112768	436166	111086	436237	110882	436336	112230
436113	110611	436166	111289	436237	110890	436338	112230
436113	110912	436166	111364	436237	111078	436338	112292
436113	111035	436167	110178	436237	111418	436339	112230
436113	111078	436167	110179	436237	111686	436340	112298
436113	111138	436167	110612	436239	111620	436340	114026
436113	112768	436167	110759	436239	111654	436346	113439
436114	110612	436167	110968	436239	111686	436347	110163
436114	111035	436167	111184	436241	110912	436348	111331
436114	111085	436167	111185	436241	111620	436349	110889
436114	111148	436167	111289	436242	113472	436351	110743
436117	111035	436169	110179	436243	111620	436352	110163
436118	111036	436169	111086	436244	113472	436355	110043
436118	111621	436169	111184	436245	110612	436355	110076
436120	110923	436169	111185	436246	111156	436355	111085
436120	111093	436169	111289	436248	111071	436355	111834
436120	113866	436169	111364	436250	111325	436356	111171

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
436360	110889	436450	112529	436541	110682	436682	113864
436363	111352	436451	111354	436542	112297	436683	111426
436364	111352	436451	111369	436543	110666	436683	111732
436366	112299	436452	111319	436544	110660	436684	112229
436371	112705	436454	112795	436544	112531	436685	111427
436373	111402	436455	110043	436545	110693	436686	112725
436374	111403	436455	111841	436545	112970	436687	111289
436374	113839	436455	112744	436547	111361	436687	111362
436376	112183	436457	111179	436548	110664	436689	112780
436378	111397	436458	111319	436549	110134	436690	112725
436380	112800	436463	111326	436549	110168	436692	110770
436382	111326	436467	112679	436551	110128	436695	113474
436385	112687	436472	111403	436551	110267	436699	111356
436389	112750	436472	113839	436551	110703	436699	111364
436392	111364	436476	112298	436557	110906	436701	112165
436393	111631	436477	112772	436560	112779	436702	112557
436394	111987	436478	112688	436561	111670	436703	111658
436395	111987	436478	112703	436565	111629	436705	112056
436398	112764	436479	110908	436566	111629	436706	111937
436399	111095	436479	111948	436567	112742	436713	111722
436399	112763	436481	111411	436568	110113	436715	111940
436400	111152	436482	111353	436569	111629	436717	111940
436400	111154	436483	111820	436570	111629	436718	112529
436400	111288	436484	111477	436571	110113	436719	111514
436400	112763	436489	112287	436572	110116	436720	111514
436412	110076	436491	112548	436574	112734	436721	112056
436412	111834	436493	113991	436576	112729	436722	111169
436414	112098	436496	111226	436577	112779	436722	111800
436416	111419	436497	111048	436578	111141	436722	112056
436416	112097	436498	110374	436582	111842	436723	111164
436417	111419	436500	110318	436583	112343	436724	111187
436417	111987	436501	110318	436584	111629	436725	111186
436418	112747	436502	110128	436585	113611	436726	110972
436419	110766	436502	110129	436586	110882	436727	112775
436420	110117	436502	110666	436586	111418	436729	112679
436420	110766	436503	110660	436587	112453	436731	112557
436421	110116	436503	110957	436588	111146	436732	111967
436422	110113	436503	112531	436589	113920	436734	111658
436422	110895	436504	110802	436590	112803	436735	111719
436422	111146	436505	110168	436591	112159	436735	111775
436423	110895	436505	110264	436592	110931	436736	111775
436424	110113	436505	110307	436592	113500	436737	111934
436424	110761	436506	110168	436602	113868	436738	111722
436424	110895	436506	110267	436607	110802	436740	111934
436425	111141	436507	110264	436609	110804	436741	111723
436426	111141	436507	112270	436610	110804	436741	111723
436427	110113	436508	110630	436611	111532	436743	112057
436427	110761	436508	110630	436613	112688	436748	112059
436427	110906	436515	110675	436618	112696	436750	112199
436427	113920	436515	110927	436619	111788	436754	111754
436428	110895	436518	110267	436619	111788	436755	110607
436429	110751	436518	110703	436625	112734	436755	111754
436430	111141	436519	111578	436629	111149	436774	110891
436431	110113	436521	111578	436631	113864	436785	111093
436433	111527	436522	110136	436632	112812	436786	112730
436433	112757	436525	110137	436633	112765	437052	111741
436434	111886	436525	110138	436635	112681	437058	111157
436434	112076	436525	110374	436635	112681	437058	111157
436434	112758	436526	110138	436636	111498	437072	111149
436436	110043	436526	110138	436638	113382	437081	112759
436436	111834	436527	111264	436640	113382	437111	111176
436437	110112	436528	110631	436642	111318	437112	111718
436437	112784	436529	110631	436645	111321	437113	111267
436437	113477	436530	112270	436645	111512	437114	111943
436438	111528	436531	110969	436649	111512	437114	111943
436438	111658	436533	110248	436650	111987	437115	112193
436438	113477	436534	110138	436652	112758	437116	112462
436439	110902	436534	110258	436653	112557	437117	112413
436439	111658	436535	110273	436654	113604	437118	112465
436439	112784	436535	110273	436662	112679	437119	112165
436440	112345	436536	110678	436664	110163	437119	113577
436442	111353	436536	111435	436666	110163	437120	111186
436443	111479	436536	111538	436665	111947	437121	112087
436444	111477	436537	111705	436667	111369	437122	112087
436444	111820	436537	110496	436668	113485	437122	112087
436446	111803	436537	110678	436669	112467	437125	111369
436449	111676	436537	110682	436673	111720	437126	112529
436449	113885	436537	111705	436674	111720	437126	112529
436450	111354	436537	111705	436675	111946	437130	112228
		436538	110138	436676	111397	437131	111291
		436538	110496	436677	111397	437134	111515
		436538	110628	436680	111886	437135	111467
		436540	110250	436680	112076	437137	112058
				436680	112758	437138	113603

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>VALEO</b> <i>Continued</i>							
437139	112480	437348	112399	437464	112720	437632	110967
437140	111722	437349	113247	437465	113503	437633	111779
437143	110805	437351	113248	437467	112712	437634	112151
437147	111491	437352	111631	437471	113640	437636	113486
437148	110806	437355	113405	437472	113755	437638	111279
437149	110128	437356	113575	437473	113720	437640	113296
437150	111692	437357	112469	437474	113722	437641	113832
437151	110632	437358	113751	437475	113721	437642	113889
437152	111294	437359	113510	437476	111746	437643	111518
437153	110374	437361	113249	437477	111820	437644	111756
437156	110706	437362	112413	437481	113280	437648	111237
437158	111611	437363	112465	437483	112406	437649	111824
437160	112468	437364	113878	437485	112407	437650	111384
437162	110385	437365	113510	437486	113289	437652	113939
437163	110965	437370	111687	437489	111890	437653	113489
437164	112772	437371	110622	437491	112530	437654	112209
437169	112274	437372	112813	437492	113770	437656	111828
437170	112273	437376	113302	437493	113867	437657	112777
437171	112460	437377	113252	437496	111514	437659	113298
437172	113406	437378	113920	437497	112271	437660	111883
437173	113751	437379	111362	437499	112529	437663	112693
437174	112399	437380	111176	437501	113317	437664	113832
437176	113283	437381	111289	437502	113874	437665	110496
437177	112398	437382	111176	437503	113720	437666	113350
437178	113751	437386	113885	437504	113722	437667	112073
437180	111831	437387	112680	437505	110993	437668	111688
437184	112458	437388	113447	437508	111268	437669	111689
437185	113404	437389	113833	437509	111518	437670	111413
437186	113404	437390	111623	437510	111756	437672	112190
437188	113882	437391	111293	437513	112043	437674	112418
437190	112648	437392	111988	437514	111579	437675	112194
437192	113405	437393	112199	437515	111993	437676	111376
437193	112469	437394	112056	437516	112557	437677	112774
437194	113575	437395	113340	437517	112860	437680	111578
437197	112458	437396	112075	437519	112860	437681	111342
437198	111719	437398	113870	437520	111517	437683	111381
437199	111775	437399	112273	437522	113442	437684	110666
437200	112470	437400	112079	437523	112746	437685	111316
437203	111722	437401	113887	437525	112198	437686	111860
437204	111934	437404	112274	437526	113992	437688	112939
437205	111512	437405	112765	437534	113889	437690	113285
437207	111891	437406	112468	437536	112759	437694	112539
437208	112471	437409	113246	437539	114042	437695	111747
437210	112461	437410	113407	437540	112197	437697	111626
437210	114798	437413	113879	437545	114130	437698	111779
437211	112689	437414	111990	437546	112415	437700	110706
437213	111732	437415	113251	437547	111884	437701	112196
437222	113300	437417	113407	437548	111828	437702	111814
437224	113302	437418	113510	437550	113946	437704	111708
437225	112535	437420	113882	437551	113471	437705	111483
437227	112472	437421	112468	437555	114109	437706	112128
437306	112059	437422	112416	437557	114524	437707	111437
437309	113407	437423	113245	437559	113862	437710	112419
437311	112144	437425	114352	437563	114736	437711	112072
437312	113835	437426	114080	437565	111315	437713	111903
437313	113577	437427	112325	437570	111824	437714	111955
437315	112075	437428	113403	437575	113755	437715	111980
437316	111989	437430	113877	437580	111354	437718	110679
437316	115482	437431	113950	437584	113946	437725	111432
437317	112002	437432	114128	437587	112529	437726	111950
437317	114797	437434	113940	437588	111886	437727	111883
437317	115483	437435	113871	437594	112076	437729	111902
437319	111895	437436	113755	437595	112806	437735	113667
437320	115307	437437	113919	437597	113667	437742	112401
437322	112458	437440	112561	437609	112072	437743	112730
437323	113403	437441	113448	437612	113952	437744	112195
437324	111895	437442	112561	437613	111824	437745	113848
437333	110659	437444	113253	437614	111899	437747	111280
437336	111309	437446	112189	437615	111902	437753	111598
437337	113518	437447	112189	437616	111807	437754	111894
437338	111405	437450	113896	437617	111375	437755	112334
437340	112396	437452	113881	437618	111898	437756	112121
437341	112397	437454	113992	437619	112142	437765	111406
437342	113404	437455	114877	437620	112143	437766	111767
437343	113404	437456	114769	437621	113889	437770	111860
437344	113404	437457	113948	437623	111795	437774	112698
437345	112648	437458	113640	437625	112197	437775	110692
437346	111943	437459	112805	437626	112428	437776	111601
437347	112458	437460	113250	437627	111317	437777	110701

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
437778	111812	438104	110810	439103	112467	439404	110706
437781	111587	438105	110158	439130	113864	439408	110957
437787	111623	438112	113929	439180	111072	439410	111406
437787	111742	438114	110810	439181	111397	439415	110804
437794	111372	438115	110808	439182	111937	439420	113302
437795	112746	438115	112215	439184	114084	439427	111426
437796	111614	438117	110389	439185	111397	439429	113403
437801	111902	438118	110811	439190	112548	439430	112199
437802	112078	438119	111305	439192	113991	439435	113503
437806	111850	438121	111461	439206	111946	439437	112075
437807	111883	438123	110809	439206	111967	439439	113870
437810	110686	438133	113254	439208	111719	439440	112273
437812	110567	438134	112218	439226	112199	439441	112079
437813	111620	438135	115522	439230	111718	439442	113887
437814	111416	438137	113267	439231	111631	439445	112274
437815	111568	438138	111909	439232	111943	439446	112468
437819	112191	438141	111805	439233	114084	439450	113407
437820	111779	438144	113962	439234	112193	439451	113253
437821	110684	438147	113756	439235	112462	439453	113879
437822	112332	438148	112290	439236	112413	439454	111990
437825	112021	438151	114127	439237	112465	439455	113251
437828	113498	438152	112429	439240	110889	439457	112229
437834	111850	438156	114199	439241	113920	439458	111293
437841	110684	438158	112475	439243	111075	439459	113881
437842	111726	438159	111312	439244	111369	439460	113510
437849	112194	438162	114161	439245	112529	439461	113887
437851	111802	438163	113932	439248	112480	439463	112468
437860	110697	438165	113926	439252	112468	439464	113245
437861	110694	438166	113933	439255	112419	439468	114352
437864	111480	438168	113719	439258	113406	439469	114080
437869	111032	438170	112475	439261	112399	439471	113877
437875	111266	438171	114163	439263	113283	439472	113950
437876	112093	438172	114034	439265	113751	439473	114128
437877	112086	438173	114176	439268	113404	439475	113940
437881	112228	438174	113773	439270	112688	439478	113919
438009	112227	438175	113842	439271	113882	439481	113253
438010	112224	438176	113841	439275	113405	439485	113896
438015	112217	438178	111690	439282	111719	439487	113881
438017	111307	438183	111123	439283	111775	439489	113992
438024	112214	438184	114171	439284	112470	439490	114877
438027	111931	438186	112053	439287	111722	439493	113640
438030	111070	438193	113926	439289	111934	439495	113405
438031	110205	438198	111849	439292	112471	439502	113640
438035	110206	438224	113897	439294	112461	439503	113755
438037	110209	438225	114299	439294	114798	439504	113720
438039	110980	438227	115376	439296	113300	439505	113722
438040	110981	438240	114878	439298	113302	439506	113721
438041	110210	438257	115402	439299	112535	439511	113874
438042	110213	438263	114074	439299	112535	439511	113874
438043	110532	438322	111552	439301	112472	439523	113720
438045	112119	439000	111352	439302	112059	439524	113722
438047	110212	439000	111352	439305	113407	439525	113317
438051	112116	439001	111353	439306	112144	439529	112043
438052	112289	439002	111479	439307	113835	439530	112529
438053	111619	439003	111477	439307	113577	439531	113442
438054	112218	439007	111946	439308	113577	439531	113442
438060	112235	439023	112298	439310	112075	439540	112197
438061	112340	439024	112298	439311	111989	439552	114130
438065	112251	439025	112772	439312	112002	439553	113946
438068	114460	439025	112703	439312	114797	439555	112194
438069	111070	439030	111411	439312	114797	439555	112194
438070	112217	439034	113471	439319	112458	439558	114109
438071	112476	439038	112800	439325	111326	439560	114524
438074	113481	439039	112287	439326	112002	439560	114524
438075	112286	439045	111082	439326	114797	439564	114736
438076	111900	439045	111082	439327	112396	439573	112469
438077	113387	439047	112739	439327	112396	439575	114673
438079	111931	439047	112739	439328	112397	439580	113861
438081	111251	439048	110920	439328	112397	439580	113861
438090	112474	439048	110920	439330	113404	439584	113862
438093	111994	439053	113868	439331	113404	439594	111732
438095	112474	439054	111532	439333	111943	439595	114293
438096	112474	439054	111532	439338	112399	439619	114102
438097	110315	439056	112688	439338	112399	439619	114102
438098	110958	439062	111788	439339	113247	439625	114131
438099	113521	439064	112681	439339	113247	439625	114131
438101	112322	439064	112681	439341	113248	439638	113134
438103	111307	439065	111498	439343	110659	439642	114322
438104	110807	439069	111478	439346	111309	439651	113657
		439079	111987	439384	113518	439664	113992
		439083	113604	439384	113518	439664	113992
		439092	113864	439385	111405	439667	114109
		439093	111947	439385	111405	439669	111988
		439095	111369	439391	113751	439677	114463
		439099	111940	439392	113510	439691	113405
		439101	114077	439394	113249	439692	113575
				439395	113878	439705	113720
				439398	112193		

## STARTERS & ALTERNATORS

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>VALEO</b> <i>Continued</i>							
439900	114044	455514	111070	455585	110154	455715	112214
439901	114045	455514	114460	455587	111543	455716	112214
439902	114046	455516	110523	455587	111546	455717	111442
440001	113942	455516	113464	455588	110249	455719	112295
440008	112073	455517	110517	455589	111442	455720	111851
440017	112469	455517	110521	455591	113097	455720	112440
440024	112698	455518	110518	455592	110389	455722	114095
440026	112272	455519	113464	455593	110807	455723	112227
440027	112763	455520	110517	455593	110810	455723	114100
440028	114673	455521	110520	455595	110708	455724	112141
440038	113861	455522	110582	455595	111387	455724	112235
440044	113836	455523	110213	455596	111386	455725	112290
440048	112045	455524	110532	455596	111564	455727	112286
440051	112165	455525	111636	455598	111447	455728	112307
440056	113862	455526	110209	455600	111548	455728	113750
440057	114102	455526	111421	455601	111447	455733	112224
440058	110631	455527	110525	455603	111386	455735	113478
440061	114122	455528	110524	455603	111564	455737	112217
440062	112144	455529	110524	455604	110260	455738	111251
440064	113858	455530	110206	455604	111544	455739	111307
440067	114122	455530	110210	455605	110389	455743	111136
440069	110891	455531	110206	455606	110149	455744	111274
440074	114293	455532	111640	455606	110808	455746	110867
440099	111518	455533	110527	455606	112215	455747	111931
440102	113035	455534	110214	455607	110158	455748	110584
440103	113657	455535	110212	455607	110315	455749	111070
440104	113657	455536	110520	455607	110479	455871	112116
440105	113440	455536	111638	455609	110149	455872	112124
440112	111240	455536	114047	455609	110808	455876	112218
440113	111482	455537	111047	455609	111310	455879	111848
440116	113697	455538	110980	455611	110152	455884	111303
440118	112328	455539	110207	455612	110397	455885	112459
440119	113328	455540	110207	455613	110323	455886	111136
440120	113785	455541	112119	455614	111637	455886	111534
440121	112328	455542	110981	455615	110512	455887	111534
440122	114114	455543	110205	455616	110535	455889	113446
440129	114036	455544	110205	455618	110524	455889	115506
440131	111569	455546	110209	455621	110525	455890	112235
440134	112097	455548	111059	455622	113468	455891	112340
440176	114102	455548	111748	455623	110206	455892	111374
440185	114131	455549	111063	455624	113389	455893	112235
440191	112142	455550	112295	455625	113847	455894	111680
440192	113709	455551	111333	455626	111421	455895	112251
440193	113710	455553	111422	455628	112167	455896	112290
440194	111623	455554	111065	455629	112052	455897	111865
440196	111797	455554	112440	455632	111334	455899	112053
440208	114322	455555	110157	455634	111015	455900	112053
440212	113837	455555	110158	455635	113307	455901	110394
440220	112414	455555	110315	455661	111131	455902	111385
440221	112414	455560	111312	455665	110149	455903	111750
440222	113599	455561	110157	455669	110522	455904	111131
440223	112202	455561	110158	455671	111911	455905	110809
440224	113708	455561	110315	455671	114118	455906	110576
440226	112144	455562	110158	455672	111749	455907	111241
440228	113888	455562	110315	455673	111751	455908	110155
440229	112402	455562	110479	455673	112131	455910	110155
440234	112457	455564	110142	455674	111851	455910	110256
440236	114673	455564	110332	455676	111400	455910	111452
440249	113992	455565	110144	455677	112172	455911	110574
440253	114109	455566	110277	455678	110351	455912	111445
440254	112729	455567	110575	455679	113844	455915	110808
440262	114463	455568	110278	455680	112321	455915	110810
440279	113946	455569	110279	455681	111052	455916	111451
440296	113720	455569	110280	455684	111030	455917	111182
440348	113922	455569	111312	455685	110840	455918	111552
455022	111131	455570	110280	455686	110842	455919	111552
455502	111231	455571	111558	455687	111029	455922	110152
455503	113262	455573	110249	455690	110585	455923	110709
455504	110512	455574	110386	455690	113753	455924	111984
455505	110512	455574	110719	455691	111070	455925	111683
455506	110149	455578	110249	455693	113605	455926	110512
455507	113269	455578	110312	455694	112295	455927	111900
455508	113134	455578	111442	455695	112295	455927	115503
455509	111231	455581	111608	455696	110839	455928	114460
455511	111025	455582	110149	455697	111508	455929	111070
455512	110587	455582	110808	455699	111123	455930	112286
455512	111070	455582	111311	455700	111127	455931	112217
455512	111130	455583	111303	455713	111442	455932	112476
455512	113443	455585	110152	455714	113024	455933	111694

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
455935	111030	458217	113842	458515	111969	594085	111015
455936	113481	458218	113841	458518	113361	594091	113307
455937	113443	458219	112320	458520	111728	594094	111231
455939	111900	458220	111995	458522	113040	600000	111807
455940	111690	458221	112005	458523	112454	600001	114114
455942	112131	458222	110847	458526	111805	600003	111339
455943	112295	458224	112431	458527	111182	600005	113331
455945	110587	458226	111251	458528	111908	600006	113519
455946	110584	458228	111123	458532	113024	600007	111787
455947	111347	458230	111420	458533	111544	600010	113330
455949	111931	458231	114171	458537	111023	600011	111565
455950	111251	458233	111730	458538	112430	600012	112333
455954	112475	458239	113927	458540	113845	600017	113791
455955	110584	458249	113926	458545	113745	600018	113519
455959	112474	458253	111865	458545	113745	600022	111787
455960	111130	458257	112309	458546	110811	600024	113331
455962	110584	458260	112006	458547	112083	600026	111726
455962	111994	458263	113761	458552	112236	600027	113652
455963	110315	458269	113759	458553	111382	600028	113791
455964	110958	458280	112441	458556	112454	600029	113791
455969	111307	458285	111550	458558	111349	600030	110660
455971	112474	458288	113928	458559	111562	600032	110805
455972	112474	458315	111554	458564	111848	600034	111406
455973	111123	458318	111310	458565	113936	600040	111314
455974	112218	458319	111310	458566	111865	600041	110804
455976	113929	458320	113314	458569	113845	600043	111314
455977	111214	458322	111552	458573	111492	600044	111309
455979	112306	458323	111552	458577	112300	600045	110666
455981	113750	458324	113329	458579	111565	600046	113792
455982	113254	458326	111970	458580	111874	600049	113331
455983	112218	458329	113760	458584	111525	600052	111279
455985	114199	458334	112823	458585	112379	600054	112128
458027	110713	458336	111640	458585	114321	600055	111238
458041	113387	458340	110208	458586	112438	600058	110808
458116	111906	458341	111399	458587	111679	600059	110807
458117	111906	458342	112581	458590	111785	600062	113638
458118	112290	458351	114029	458593	112125	600070	113638
458159	113267	458370	111906	458599	110411	600072	111476
458160	111909	458371	112821	458607	113928	600074	114885
458160	112005	458374	113794	458611	110473	600076	111241
458161	110574	458378	113662	458612	112301	600077	113937
458161	111805	458379	113965	458620	111550	600078	113937
458162	113962	458382	111485	458621	110260	600081	113445
458165	113756	458385	111909	458623	110396	600083	112322
458166	114127	458386	113446	458629	111561	600087	111710
458167	112429	458388	113897	458631	111763	600089	111710
458169	113674	458389	114299	458632	111456	600091	111786
458170	114199	458391	115376	458634	110713	600092	113129
458172	112475	458393	114175	499526	112162	626614	112290
458173	111312	458423	114074	510372	110113	726000	110584
458174	111910	458460	111911	510391	112097	726001	111251
458175	112581	458463	113644	510426	110766	726002	111123
458176	111771	458464	112309	510803	110127	726003	111641
458177	114523	458466	113701	510804	110052	726004	114460
458178	114161	458467	111823	510816	110127	726005	111070
458179	113932	458469	112440	510819	110127	726006	112251
458180	113926	458470	112821	510821	112110	726007	112320
458184	111848	458471	112380	510823	112112	726008	111851
458185	113933	458473	112553	510834	110127	726009	113481
458187	112215	458480	111550	510847	110916	726010	111130
458188	111123	458481	111311	514002	110880	726012	110867
458189	113761	458483	111459	518039	111397	726013	111534
458190	112818	458484	112166	523158	111141	726014	112295
458191	113719	458485	113271	523159	111141	726015	110585
458192	111996	458486	112436	523161	110895	726016	113346
458198	113609	458487	111451	523161	111146	726017	111130
458199	112437	458490	112214	541178	112758	726018	113387
458200	112224	458491	111476	541314	112705	726019	111900
458201	112116	458492	111904	549277	111720	726020	111422
458205	111849	458495	112221	567051	111515	726021	112053
458206	111608	458501	112103	573387	113134	726022	111994
458207	110810	458503	110323	578147	112290	726023	113750
458208	112441	458504	113451	582783	110706	726024	112218
458210	112475	458505	112445	592601	113477	726025	113929
458211	111769	458506	111912	592772	111397	726026	111748
458212	113430	458509	111455	592776	111658	726029	111900
458213	114163	458512	114123	592778	112758	726031	112475
458214	114034	458513	111817	592798	110759	726032	111911
458216	113773	458514	112006	594082	113307	726033	112295

## STARTERS & ALTERNATORS

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>VALEO</b> <i>Continued</i>							
726034	112286	1250295	113797	2541328	112769	2541759	113485
726035	110585	1250299	111307	2541329	112758	2541760	112703
726036	112307	1250301	111307	2541341	111168	2541763	110619
726039	113719	1250303	114892	2541359	111326	2541767	112782
726040	111680	1250449	114778	2541360	114026	2541768	111226
726041	111123	1250902	114760	2541363	111841	2541770	113868
726042	112440	2104264	110906	2541364	112754	2541775	112529
726043	113430	2180620	111528	2541366	111076	2541776	111369
726044	111694	2181693	110163	2541367	112162	2541777	110163
726047	111070	2181730	111072	2541368	112162	2541784	113604
726051	111063	2181991	113477	2541399	111621	2541785	111318
726809	113481	2325158	111141	2541400	111355	2541789	111512
726824	112218	2455023	113657	2541410	111352	2541801	111820
746000	112461	2518028	111036	2541415	111352	2541807	111321
746000	114798	2518039	111397	2541416	111479	2541809	112557
746001	112471	2518044	111093	2541417	111477	2541813	111326
746003	111426	2518046	110923	2541423	111419	2541815	111477
746005	112292	2518051	111948	2541434	112149	2541817	111676
746006	113485	2518085	111179	2541435	111288	2541819	111353
746007	112271	2518086	112755	2541438	111154	2541821	111352
746008	112397	2521682	112683	2541439	112763	2541828	111658
746010	112229	2522104	111658	2541441	111288	2541838	112529
746011	112058	2523162	110766	2541442	111288	2541839	111369
746012	112458	2523202	111152	2541445	111321	2541848	111947
746013	111803	2523203	111154	2541446	113839	2541849	112758
746014	112460	2523204	112149	2541447	112782	2541850	111658
746015	112480	2523205	112149	2541452	110759	2541854	112292
746016	112287	2523234	110178	2541459	112292	2541856	111478
746017	112416	2541115	112764	2541461	112230	2541863	112467
746018	113405	2541117	112756	2541465	112728	2541873	111720
746020	112079	2541118	111325	2541466	112744	2541879	112557
746021	112688	2541124	113500	2541471	111082	2541880	112557
746022	112162	2541127	112795	2541476	113920	2541884	111947
746023	111515	2541130	111948	2541478	113839	2541887	112679
746024	113500	2541131	111948	2541489	111076	2541895	111478
746025	112002	2541133	112183	2541490	111321	2541903	112679
746025	114797	2541135	111036	2541491	113839	2541906	112679
746025	115483	2541139	110908	2541494	112687	2541911	111369
746026	111718	2541142	112162	2541609	112557	2541916	111720
746027	113940	2541147	111527	2541610	112679	2541919	112529
746029	112728	2541148	111948	2541618	111987	2541920	111369
746030	112769	2541156	111171	2541619	111353	2541922	111967
746031	110619	2541160	111171	2541620	113864	2541927	112057
746032	113640	2541168	113477	2541624	111631	2541928	111937
746033	112121	2541169	111841	2541626	111676	2541942	111512
746034	112151	2541170	112754	2541635	111987	2541950	112298
746036	112703	2541171	112162	2541637	111987	2541951	112299
746038	113603	2541173	111321	2541641	112696	2541953	111718
746041	112782	2541174	113839	2541645	112763	2541954	112059
746042	111989	2541178	112758	2541648	111987	2541959	112529
746042	115482	2541180	111076	2541659	112183	2541960	111369
746043	113948	2541181	112162	2541663	111397	2541961	112413
746044	111947	2541182	112162	2541665	112299	2541962	112465
746046	112696	2541191	111397	2541671	114084	2541963	112193
746047	112230	2541197	111319	2541675	111477	2541965	111723
746049	111186	2541199	111658	2541676	111353	2541968	111943
746051	112299	2541204	110889	2541678	112681	2541969	112058
746053	111352	2541221	112763	2541679	111498	2541970	113603
746055	110923	2541222	111288	2541680	111354	2541971	112480
746056	111411	2541233	110912	2541683	111354	2541976	111719
746057	111353	2541234	110912	2541694	111788	2541977	111775
746058	111722	2541235	111035	2541695	111803	2541978	111722
746059	112648	2541236	111035	2541697	111946	2541979	111934
746060	111532	2541239	110759	2541699	111354	2541980	112199
746061	113406	2541251	112461	2541703	112298	2541982	112679
746062	112458	2541251	114798	2541710	112292	2541984	111934
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746064	111687	2541264	110358	2541712	111940	2541997	112273
746065	111477	2541290	111355	2541714	111940	2541998	112274
746066	111479	2541297	111093	2541719	110619	2541999	111722
746067	112681	2541298	110619	2541724	112782	2542225	112399
746068	113471	2541300	110908	2541725	112287	2542228	112460
746069	111036	2541307	111319	2541726	111532	2542231	111722
893633	110540	2541313	112769	2541728	111411	2542232	113882
1195239	114443	2541314	111076	2541735	112292	2542233	113751
1195248	112322	2541321	112800	2541738	114026	2542234	112397
1195921	114820	2541324	110889	2541740	112230	2542237	112002
1195925	113797	2541325	111326	2541741	113439	2542237	114797
1250128	113937	2541327	112795	2541758	112688	2542238	112398

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
2542239	112396	2542433	111720	2542686	112468	2543304	113896
2542240	112075	2542441	113247	2542689	112229	2543320	111989
2542241	111989	2542461	112002	2542691	112059	2543328	111989
2542244	113340	2542461	114797	2542693	113640	2543337	113919
2542245	112079	2542464	113403	2542694	114877	2543338	113245
2542251	112462	2542466	112458	2542695	113992	2543339	112471
2542252	113577	2542470	114673	2542696	113874	2543340	113248
2542253	113485	2542472	113755	2542704	113755	2543363	114130
2542254	112688	2542479	111720	2542705	113948	2543366	114673
2542255	111318	2542480	113577	2542708	113950	2543369	114722
2542256	113604	2542481	112199	2542720	114524	2543378	113862
2542260	113887	2542483	112058	2542722	113245	2543384	112471
2542262	112772	2542484	113405	2542725	113640	2543385	113919
2542264	112468	2542485	113250	2542729	114451	2543386	113245
2542265	112472	2542486	113603	2542730	115370	2543387	113248
2542267	112772	2542487	113575	2542731	114769	2543412	114130
2542272	112471	2542489	112480	2542738	113878	2543413	113858
2542273	111426	2542490	112469	2542739	114722	2543441	113248
2542279	113870	2542491	113246	2542746	113253	2543477	113722
2542281	112273	2542494	114722	2542747	113253	2543479	114451
2542282	112274	2542495	112458	2542753	113871	2543480	113720
2542284	114522	2542496	113252	2542767	111989	2543481	113720
2542285	113405	2542497	113510	2542771	113251	2543484	113721
2542286	113575	2542500	112461	2542772	114130	2543488	114293
2542291	111967	2542500	114798	2542783	114109	2543492	112460
2542294	113406	2542507	112396	2542785	114189	2543493	112461
2542295	113283	2542508	112397	2542793	113575	2543493	114798
2542297	112469	2542509	113878	2542794	113405	2543498	114102
2542300	113961	2542514	111631	2542797	112472	2543509	114131
2542305	112648	2542515	112413	2542802	113575	2543520	113250
2542307	113404	2542516	112465	2542812	112468	2543521	113405
2542312	114680	2542523	113248	2542813	111720	2543522	113946
2542315	111719	2542524	113251	2542814	111720	2543523	113575
2542316	111775	2542525	113404	2542817	113919	2543524	113946
2542317	113300	2542531	112460	2542824	112468	2543526	113640
2542319	113302	2542538	113407	2542826	112468	2543527	113755
2542320	113835	2542540	113403	2542832	113640	2543550	113403
2542324	113751	2542543	111990	2542838	114352	2543554	112199
2542327	112470	2542545	113879	2542839	113948	2543557	113245
2542342	112199	2542546	113751	2542841	113720	2543558	112471
2542343	113407	2542547	113503	2542849	114680	2543560	113940
2542344	113404	2542548	112144	2542850	113720	2543562	113940
2542345	112535	2542551	112458	2542851	113722	2543570	114130
2542347	111943	2542554	113919	2542852	113407	2543639	112471
2542350	112689	2542556	112460	2542852	113881	2565994	111686
2542351	112461	2542557	113755	2542861	113722	2565995	111686
2542351	114798	2542564	112461	2542875	112193	2574347	113882
2542352	112688	2542564	114798	2542880	112298	2603260	114044
2542354	112059	2542565	114128	2542883	113720	2605717	114109
2542355	111318	2542572	113302	2542884	113722	2606237	114722
2542356	113604	2542573	113249	2542894	114736	2606272	114721
2542357	113485	2542577	113253	2542897	111718	2606288	114463
2542358	112688	2542578	113253	2542898	113992	2606333	113720
2542359	111631	2542582	113877	2542920	113405	2606334	113722
2542363	111722	2542587	113510	2542921	113250	2606924	114045
2542366	111934	2542591	114352	2542922	113575	2607208	113405
2542367	111934	2542602	113407	2542924	113640	2607209	113250
2542375	112467	2542603	111719	2542925	113755	2607210	113575
2542376	112688	2542605	113407	2542928	113946	2607211	113246
2542377	112193	2542608	113871	2542938	113946	2607212	113946
2542393	112471	2542609	113871	2542945	113940	2607395	113862
2542394	113405	2542611	113896	2542946	113862	2608371	113657
2542396	113575	2542613	113896	2542948	112079	2613270	114128
2542397	112469	2542615	113640	2542949	112002	2655103	113863
2542398	112648	2542619	113640	2542949	114797	2655300	114664
2542399	113404	2542640	113245	2542952	114130	2655301	114664
2542400	113404	2542650	113887	2542966	114509	2655447	114467
2542402	113510	2542653	112471	2542989	114042	2655476	111847
2542412	111967	2542662	112468	2543210	113946	2655516	113652
2542413	111943	2542664	113940	2543215	112469	2655517	113791
2542414	111943	2542669	114080	2543221	114189	2655635	114857
2542415	111720	2542670	113722	2543236	113881	2655721	113331
2542416	111720	2542671	113721	2543237	112193	2655866	115366
2542417	112298	2542672	113881	2543248	114102	2809249	111720
2542418	112299	2542678	112058	2543289	114042	2809464	113575
2542420	112144	2542680	113882	2543291	113861	2925330	110891
2542427	113250	2542681	112460	2543292	113858	2926300	111362
2542429	113246	2542684	112461	2543293	114189	2927060	111086
2542432	115307	2542685	113858	2543296	113877	2927070	111289

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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2927440	..112112	2541321E	..112800	2541968D	..111943	2542356A	..113604
2927750	..110048	2541321F	..112800	2541969A	..112058	2542358A	..112688
2927990	..110077	2541321H	..112800	2541970A	..113603	2542363A	..111722
2928580	..112112	2541415H	..111352	2541971B	..112480	2542366A	..111934
2928610	..111948	2541416F	..111479	2541976D	..111719	2542367A	..111934
2929510	..111686	2541417K	..111477	2541977B	..111775	2542376A	..112688
2929580	..112112	2541434A	..112149	2541978A	..111722	2542377B	..112193
2929780	..111289	2541447A	..112782	2541979A	..111934	2542393A	..112471
2937130	..110052	2541461B	..112230	2541980A	..112199	2542393D	..112471
2937390	..110112	2541494A	..112687	2541980B	..112199	2542394B	..113405
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2940275	..111071	2541665B	..112299	2542228A	..112460	2542402B	..113510
2940303	..111288	2541665C	..112299	2542228B	..112460	2542412A	..111967
2940304	..112149	2541678B	..112681	2542228C	..112460	2542412B	..111967
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2940349	..111800	2541711C	..112772	2542237D	..114797	2542420C	..112144
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2541191B	..111397	2541961A	..112413	2542345C	..112535	2542516A	..112465
2541199B	..111658	2541962A	..112465	2542347A	..111943	2542523C	..113248
2541199D	..111658	2541963A	..112193	2542351A	..112461	2542523F	..113248
2541298A	..110619	2541965A	..111723	2542351B	..112461	2542524A	..113251
2541307C	..111319	2541968A	..111943	2542354A	..112059	2542525A	..113404

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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2542538C	113407	2542746B	113253	2543522A	113946	A11M6	110743
2542540C	113403	2542746E	113253	2543526A	113640	A11V102	112648
2542540D	113403	2542747A	113253	2543557B	113245	A11V104	111722
2542545A	113879	2542747B	113253	2543570B	114130	A11V105	111934
2542546B	113751	2542747F	113253	2543570C	114130	A11V106	113405
2542551A	112458	2542753B	113871	2603260B	114044	A11V108	112648
2542554D	113919	2542771B	113251	2605717A	114109	A11V109	113250
2542556A	112460	2542783C	114109	2606237A	114722	A11V111	110619
2542557A	113755	2542783D	114109	2606272A	114721	A11V110	113403
2542564A	112461	2542785A	114189	2606288A	114463	A11V111	113577
2542564A	114798	2542785B	114189	2606333A	113720	A11V121	111352
2542565A	114128	2542793A	113575	2607208A	113405	A11V122	111352
2542565B	114128	2542794A	113405	2607209A	113250	A11V125	112292
2542572A	113302	2542797A	112472	2607210A	113575	A11V136	111353
2542573A	113249	2542797B	112472	2607211A	113246	A11V140	112292
2542573C	113249	2542812A	112468	2607395A	113862	A11V143	110619
2542573D	113249	2542817B	113919	2607703A	113992	A11V145	112287
2542573E	113249	2542826A	112468	2613270A	114128	A11V146	111411
2542577C	113253	2542832A	113640	2809249A	111720	A11V151	112292
2542578C	113253	2542839A	113948	2937130A	110052	A11V155	110619
2542582A	113877	2542841A	113720	2940130A	110908	A11V164	111353
2542582B	113877	2542841B	113720	2940303A	111288	A11V166	111352
2542587B	113510	2542850A	113720	2940304A	112149	A11V172	112292
2542602A	113407	2542850C	113720	2940305A	112149	A11V181	111937
2542602C	113407	2542851A	113722	2940306A	111152	A11V188	111718
2542605C	113407	2542851B	113722	2940310A	112735	A11V189	111723
2542611A	113896	2542851C	113722	2940311A	111094	A11V191	112058
2542611B	113896	2542861A	113722	2940373A	112735	A11V192	111722
2542613C	113896	2542880A	112298	2940426A	110769	A11V193	111934
2542615A	113640	2542884A	113722	2941253A	110877	A11V194	112199
2542619A	113640	2542884C	113722	2EA0411	110706	A11V195	112273
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2542653A	112471	2542920A	113405	2EA0467C	110540	A11V198	113577
2542653D	112471	2542922A	113575	2EA0501A	111344	A11V199	113405
2542662B	112468	2542922B	113575	2EA0550A1	110805	A12R21	110745
2542664A	113940	2542924A	113640	2EA0550D3	110806	A12R223	110745
2542664B	113940	2542925A	113755	2EA0629	110694	A12R36	110916
2542664C	113940	2542928A	113946	2EM0659	110578	A12R37	110916
2542664D	113940	2542948A	112079	310023W	111066	A12R56	110743
2542669A	114080	2542949A	112002	310031X	110367	A13E09	111154
2542670A	113722	2542949A	114797	310058L	110743	A13E1	111036
2542670B	113722	2542952B	114130	310118Z	110367	A13E23	110912
2542671A	113721	2542966B	114509	310146G	110585	A13E25	111035
2542671B	113721	2542966D	114509	310154H	110920	A13E26	111035
2542672B	113881	2542966E	114509	310213V	110587	A13E39	111095
2542678A	112058	2542966F	114509	310221W	110743	A13E41	111288
2542680C	113882	2542966G	114509	310231Z	110743	A13E43	111154
2542681A	112460	2542989A	114042	534054M	110584	A13E45	111094
2542684A	112460	2543210A	113946	75653A	110367	A13E50	111621
2542685B	113858	2543215A	112469	94170X	110367	A13E58	111154
2542686B	112468	2543221D	114189	94612K	111066	A13E63	113471
2542689A	112229	2543236A	113881	94955E	112651	A13E66	113472
2542689C	112229	2543248A	114102	99680X	110587	A13E67	113472
2542691C	112059	2543289A	114042	A0002655009	112327	A13E68	111148
2542693A	113640	2543293A	114189	A0002655023	113657	A13N104	112728
2542694A	114877	2543296A	113877	A0002655103	113863	A13N11	111834
2542694B	114877	2543304A	113896	A000265516	113652	A13N110	111082
2542695A	113992	2543337A	113919	A0002655221	113317	A13N12	110920
2542695B	113992	2543338A	113245	A0002655300	114664	A13N120	112744
2542695C	113992	2543339A	112471	A0002655301	114664	A13N121	111082
2542695D	113992	2543340A	113248	A0002655516	113652	A13N123	110993
2542695F	113992	2543378C	113862	A000A002	110660	A13N124	112744
2542695G	113992	2543384A	112471	A000A003	110659	A13N129	111841
2542696C	113874	2543387A	113248	A000A0062	111929	A13N130	112754
2542704A	113755	2543398A	114322	A000A0063	111929	A13N133	111321
2542705A	113948	2543413A	113858	A000A0190	110957	A13N135	110745
2542708A	113950	2543441A	113248	A000B015	110699	A13N138	111403
2542708B	113950	2543477A	113722	A000B016	110706	A13N138	113839
2542720D	114524	2543479A	114451	A000B0301	110802	A13N139	111072
2542720J	114524	2543480A	113720	A000B0331	110959	A13N140	110163
2542722A	113245	2543484A	113721	A000B0341	113633	A13N140T	110163
2542722B	113245	2543488A	114293	A000B0391	111309	A13N147	111397
2542722C	113245	2543488B	114293	A000B0431	110540	A13N147M	111397
2542725A	113640	2543498A	114102	A000B0441	110804	A13N148M	111397
2542738A	113878	2543498B	114102	A0B09601	110540	A13N149M	111397
2542738B	113878	2543509A	114131	A11M11	110743	A13N151	112162
2542739A	114722	2543509B	114131	A11M12	110743	A13N157	112756
2542739B	114722	2543509C	114131	A11M4	110743	A13N158	111325

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>VALEO</b> <i>Continued</i>							
A13N161	112769	A13N57M	110048	A13VI231	112688	A14N133	110076
A13N163	113500	A13N5T	110163	A13VI232	111318	A14N135	111527
A13N164	113500	A13N62	111171	A13VI233	113604	A14N137M	113477
A13N165	112183	A13N63	111072	A13VI234	112472	A14N138	112758
A13N166	110906	A13N64	110921	A13VI236	113575	A14N140	111319
A13N167	112162	A13N65	111072	A13VI237	111967	A14N141M	111658
A13N171	111171	A13N80	111153	A13VI241	113406	A14N144	110889
A13N175	111841	A13N87	111072	A13VI242	112469	A14N160	112758
A13N176	112754	A13N89	112744	A13VI243	113961	A14N163	110889
A13N177	112162	A13N94	111075	A13VI246	113404	A14N164	112795
A13N178	111321	A13N95	111076	A13VI252	112458	A14N182	111987
A13N179	111403	A13R121	110887	A13VI253	112470	A14N183M	111631
A13N179	113839	A13R15	110745	A13VI254	111719	A14N185	111987
A13N181	111076	A13R157	110745	A13VI255	111775	A14N190	111987
A13N182	112162	A13R170	110745	A13VI256	113404	A14N2	111071
A13N183	112162	A13R182	110801	A13VI257	111943	A14N200M	111658
A13N186M	111397	A13R192	111153	A13VI258	112688	A14N205	112758
A13N190	114077	A13R214	110043	A13VI259	112059	A14N206M	111658
A13N1M	111397	A13R22	110745	A13VI260	113485	A14N207M	111631
A13N2	111397	A13R228	111072	A13VI261	112688	A14N208M	111631
A13N206	112769	A13R260	111072	A13VI262	111318	A14N23	111156
A13N207	112705	A13R269	111072	A13VI263	113604	A14N28T	111331
A13N209	112769	A13R38	110745	A13VI266	111934	A14N3	111331
A13N214	111168	A13R95	110745	A13VI27	112782	A14N36	111156
A13N215	111841	A13V02	111093	A13VI273	112467	A14N39	110076
A13N216	112754	A13V05	110923	A13VI274	112688	A14N3T	111331
A13N218	111076	A13V07	111093	A13VI276	113575	A14N4	110889
A13N219	112162	A13VI100	111369	A13VI277	112469	A14N43M	111331
A13N220	112162	A13VI101	113604	A13VI278	113404	A14N44M	111331
A13N226	111171	A13VI102	111318	A13VI279	113404	A14N47M	113477
A13N228	111171	A13VI105	111512	A13VI28	111326	A14N53	111171
A13N229T	110163	A13VI114	111820	A13VI280	112298	A14N55	111071
A13N22T	110163	A13VI118	112557	A13VI281	112299	A14N62	111171
A13N23	113920	A13VI121	111477	A13VI283	113246	A14N73	111319
A13N232	111321	A13VI122	111326	A13VI285	112458	A14N75	111319
A13N233	111403	A13VI123	111479	A13VI286	112413	A14N76	111179
A13N233	113839	A13VI124	111477	A13VI287	112465	A14N78	111156
A13N234	111397	A13VI126	111676	A13VI288	113404	A14N79	111156
A13N236	113920	A13VI13	111319	A13VI289	112458	A14N81M	113477
A13N236M	113920	A13VI130	111947	A13VI292	111719	A14N95	111179
A13N237	111402	A13VI134	112529	A13VI30	111326	A14N96	112755
A13N238	111403	A13VI135	111369	A13VI300	112059	A14R23	111156
A13N238	113839	A13VI138	111478	A13VI31	114026	A14R26	111071
A13N239	110769	A13VI142	112467	A13VI40	111479	A14R28	111071
A13N240	111076	A13VI150	111947	A13VI41	111477	A14R33	110076
A13N241	111321	A13VI151	112557	A13VI46	112782	A14R41	111156
A13N242	113839	A13VI152	112557	A13VI49	112230	A14S054	112468
A13N255	112183	A13VI153	112679	A13VI54	112687	A14S055	112468
A13N257	114077	A13VI156	111478	A13VI57	112679	A14V04	112764
A13N259	111397	A13VI164	112679	A13VI61	113864	A14V13	112683
A13N259M	111397	A13VI165	112696	A13VI63	111676	A14VI10	112772
A13N260	114084	A13VI167	112679	A13VI64	112696	A14VI13	112703
A13N269	111803	A13VI169	111369	A13VI71	112299	A14VI19	111720
A13N270	110052	A13VI170	111369	A13VI72	112681	A14VI20	111720
A13N271	112548	A13VI175	112529	A13VI73	111498	A14VI22	112193
A13N272	114077	A13VI176	111369	A13VI74	111354	A14VI27	112460
A13N273	113991	A13VI178	111967	A13VI75	111354	A14VI28	112462
A13N274	111940	A13VI179	112057	A13VI76	111788	A14VI29	112468
A13N276	111940	A13VI18	112800	A13VI78	111946	A14VI30	112772
A13N28	111226	A13VI185	111512	A13VI81	112298	A14VI31	112772
A13N281	111226	A13VI189	112298	A13VI83	112782	A14VI34	113407
A13N283	110163	A13VI190	112413	A13VI84	111532	A14VI35	112461
A13N283M	110163	A13VI191	112299	A13VI85	114026	A14VI35	114798
A13N285	113382	A13VI195	112059	A13VI87	112230	A14VI36	113510
A13N285M	113382	A13VI197	112529	A13VI94	112688	A14VI40	113755
A13N289	111321	A13VI198	111369	A13VI95	113485	A14VI41	112461
A13N291	114084	A13VI200	112465	A13VI96	112782	A14VI41	114798
A13N293	111075	A13VI202	111943	A13VI97	113868	A14VI42	112460
A13N2M	111397	A13VI203	113603	A13VI99	112529	A14VI45	113407
A13N33	110116	A13VI204	112480	A14N1	111071	A14VI46	113407
A13N35M	111397	A13VI207	111719	A14N100	113477	A14VI47	113407
A13N38	111075	A13VI208	111775	A14N100M	113477	A14VI48	113640
A13N39	111085	A13VI210	112679	A14N104	112758	A14VI49	113640
A13N3M	110048	A13VI212	111934	A14N11	110931	A14VI52	112468
A13N43	111075	A13VI220	111369	A14N112M	113477	A14VI53	112468
A13N4T	110163	A13VI222	111890	A14N117	112755	AB111033	111406
A13N50	112739	A13VI223	112274	A14N118M	111658	AB111057	111406
A13N52	111226	A13VI224	111722	A14N119M	113477	AB160108	113518
A13N56M	110163	A13VI230	113485	A14N132	112795	AB165014	110660

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
AB165104	114114	AR175AA	110957	D6RA108	114198	D6RA811	112476
AB170035	111787	BM51267AR	111929	D6RA109	111130	D6RA83	111931
AB170036	111237	D10E59	110835	D6RA11	111404	D6RA92	111848
AB170066	111807	D10E75	110824	D6RA110	113254	D6RA93	111123
AB170094	111237	D10E81	110824	D6RA112	112295	D6RAP229	111931
AB175015	110659	D10E83	110824	D6RA115	113929	D6RAP404	115354
AB175019	111309	D10E85	112295	D6RA12	111129	D7E1	111641
AB175020	110802	D10E92	112295	D6RA13	110394	D7E15	111251
AB175036	111237	D10E921	112295	D6RA132	111123	D7E16	110584
AB175051	110957	D10E922	112295	D6RA133	111251	D7E18	111931
AB175053	110659	D11E104	113465	D6RA137	114035	D7E19	112218
AB175054	111309	D11E118	113269	D6RA138	114035	D7E2	110584
AB175068	111309	D11E119	113465	D6RA15	111334	D7E20	111251
AB180128	111309	D11E119T	113465	D6RA16	111130	D7E22	112218
AB180140	113656	D11E120	111332	D6RA161	111130	D7E23	110584
AB190025	110804	D11E122	113466	D6RA162	111123	D7E25	110584
AB190058	111405	D11E122T	113466	D6RA163	111123	D7E26	112218
AB190072	110804	D11E131	111332	D6RA167	112217	D7E27	113932
AB190097	111314	D11E137	110565	D6RA168	111347	D7E29	115522
AB190119	110804	D11E141	110439	D6RA18	111130	D7E30	114199
AB190147	113657	D11E146	113269	D6RA181	112476	D7E31	113267
AB190205	111314	D11E149	112651	D6RA187	114035	D7E32	114199
AB190386	111314	D11E154	110565	D6RA188	114035	D7E38	111931
AB1950116	113652	D11E155	110439	D6RA19	113307	D7E39	114095
AB1950133	113652	D11E158	111332	D6RA20	110584	D7E4	111931
AB195116	113652	D11E15H	110565	D6RA21	113974	D7E40	114199
AB195126	112327	D11E167T	111047	D6RA210	113974	D7E41	113267
AB195133	113652	D11E172	112541	D6RA22	111015	D7E42	114199
AB195141	113517	D11E272	112541	D6RA23	110587	D7E47	113932
AC155513	110540	D11E35	110818	D6RA249	111123	D7E5	110584
AC155515	110540	D11E59	110818	D6RA28	111052	D7E52	113962
AC155602	110959	D11E84	110439	D6RA29	113307	D7E6	112218
AC155603	110959	D11E99	113466	D6RA293	111123	D7E7	111994
AC155604	110959	D13E101	110205	D6RA30	110365	D7E71	111994
AC155616	111710	D13E101TE	110205	D6RA32	111123	D7E8	111931
AC155907	110540	D13E107	111231	D6RA33	111251	D7ED28	113756
AC165610	111710	D13E107TE	111231	D6RA34	113307	D7ED281	113756
AC165616	111710	D13E110	111231	D6RA37	110584	D7EP12	111123
AC165617	111710	D13E110TE	111231	D6RA38	111130	D7ES1	111909
AC165618	111710	D13E111	111231	D6RA39	111025	D7ES5	111909
AD150413	110805	D13E111TE	111231	D6RA40	111404	D7G11	112475
AD155325	110699	D13E117	111231	D6RA42	110856	D7G22	114878
AD155326	110706	D13E117TE	111231	D6RA43	111100	D7G26	114030
AD160209	110706	D13E118	111231	D6RA431	111100	D7G3	113933
AD165202	111929	D13E118TE	111231	D6RA45	111333	D7G4	114127
AD165206	113343	D13E119TE	111231	D6RA46	111251	D7GS10	113841
AD165309	110806	D13E120TE	113262	D6RA47	111106	D7GS8	113842
AD165320	111929	D13E121TE	111231	D6RA48	111127	D7GS9	114171
AD165320Q	111929	D13E123	111231	D6RA5	110584	D7R1	111029
AD165321	111929	D13E1231TE	111231	D6RA50	113307	D7R11	111029
AD165321Q	111929	D13E123TE	111231	D6RA52	111015	D7R12	111070
AD165439	113343	D13E63	110512	D6RA53	111333	D7R127	111070
AD165440	113343	D13E63T	110512	D6RA54	113307	D7R13	112295
AD165454	113343	D13E69	110512	D6RA55	111335	D7R14	113478
AD165471	113343	D13E69T	110512	D6RA56	111251	D7R15	111029
AD225412	111344	D13E81	110512	D6RA57	110584	D7R151	111029
AF111225	113331	D13E81T	110512	D6RA571	110584	D7R18	112295
AF111364	112333	D13HP601	112224	D6RA572	110584	D7R19	111851
AF111382	113792	D13HP613	112227	D6RA59	111422	D7R2	114460
AF111390	113331	D13HP613	114100	D6RA6	111251	D7R20	111070
AF111393	113792	D13HP703	111231	D6RA61	111251	D7R24	114460
AF175207	113519	D13HP709	112227	D6RA62	111123	D7R25	112295
AF175362	113519	D13HP709	114100	D6RA63	113605	D7R26	114460
AF175363	113330	D6G1	113719	D6RA64	111130	D7R27	111070
AF175385	113519	D6G3	110584	D6RA66	111130	D7R28	111851
AF175476	113330	D6G32	113719	D6RA661	111130	D7R281	112440
AF175503	111491	D6G321	113719	D6RA67	112217	D7R3	111029
AF185452	112334	D6G33	113843	D6RA68	111347	D7R32	111070
AF190216	113519	D6G5	111931	D6RA7	111334	D7R33	111694
AF190217	113519	D6GS11	114163	D6RA70	115354	D7R34	112475
APR140AB	111237	D6GS12	114034	D6RA72	111129	D7R35	112295
APR140AA	110694	D6GS13	114176	D6RA721	111129	D7R4	114460
APR155BA	110706	D6GS14	113773	D6RA73	111251	D7R41	113134
APR165AA	110806	D6RA10	110584	D6RA75	111335	D7R42	111619
APR225AA	111344	D6RA100	110584	D6RA76	111508	D7R43	111851
AR150BA	110959	D6RA101	113481	D6RA78	111307	D7R44	112474
AR150CA	110540	D6RA104	113481	D6RA8	111130	D7R45	111029
AR150DA	110540	D6RA105	113929	D6RA80	112217	D7R46	111851
AR150AA	110959	D6RA107	115354	D6RA81	112476	D7R47	112474

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>VALEO</b> <i>Continued</i>							
D7R48	112474	D9E200	110835	HD90S019ZD	111720	MC109025	110315
D7R49	112474	D9E22	110367	HD90S020ZD	111720	MC109028	110808
D7R5	112295	D9E237	110585	HK988300	111476	MC109032	110958
D7R53	112475	D9E238	110585	HQ808670	111565	MC109036	110808
D7R56	112475	D9E243	112289	M000A0171	110807	MC109039	110808
D7R57	112053	D9E27	110793	M000A01901	110958	MC109046	110808
D7R61	111996	D9E276	110585	M000A0191	110958	MF250671	113676
D7R64	112290	D9E278	110866	M000A0240Z	110808	MG112014	110811
D7R70	112251	D9E300	110835	M000A0241	110808	MG112022	111241
D7R8	111070	D9E34	110367	M000A025	110809	MG117559	110245
D7RP123	112440	D9E36	111066	M000A026	110576	MG120413	110809
D7RP204	112475	D9E39	110585	M000A0271	112342	MG120416	110578
D7RS1	111442	D9E46	110866	M000A0291	113129	MG120445	111476
D7RS129	112286	D9E48	110587	M000A0301	113456	MG120558	112374
D7RS130	111900	D9E49	110587	M04418	110806	MG120559	110245
D7RS131	113387	D9E50	113307	M04419	111344	MG120906	110809
D7RS150	112429	D9E51	111398	M04501	110576	MG122202	111565
D7RS29	112286	D9E52	110585	M04686	110807	MG122404	110389
D7RS30	111900	D9E53	111068	M11C40	112317	MG122423	114762
D7RS301	111900	D9E54	111066	M24698	113129	MG122433	111461
D7RS31	113387	D9E55	110866	M24798	113129	MG232415	110576
D7RS50	112429	D9E56	111064	M31612	110959	MG250302	113129
D7RS7	111442	D9E61	111066	M32909	110389	MG255301	112342
D7RSA10	112214	D9E62	111066	M34377	110540	MP112033	111305
D7RSA11	112214	D9E64	111068	M34466	112342	MP112038	110810
D7RSA2	111442	D9E66	111064	M35216	114885	MP112040	110811
D7RSA3	113024	D9E68	110866	M35529	110694	MP112041	111241
D7RSA4	112214	D9E70	111063	M36203	110578	MP112042	111305
D7RSA5	112214	D9E701	111063	M36311	110957	MP112045	110810
D7RSA7	111442	D9E702	111063	M36336	110808	NA3169	110810
D7RSA9	113024	D9E72	110585	M36370	110315	NA014	110969
D8E104	110793	D9E74	111064	M36505	110807	NA028	111362
D8E111	110856	D9E75	111068	M36709	110706	NA036	111289
D8E115	110835	D9E76	110585	M36710	110699	NA058	111948
D8E116	111100	D9E761	110585	M36873	110479	NA065	111185
D8E121	110367	D9E77	110585	M36880	110660	NA066	113574
D8E122	110793	D9E771	110585	M36881	110659	NA098	112744
D8E124	110793	D9E772	110585	M36934	111929	NA116	110769
D8E130	110856	D9E773	110585	M37156	110808	NA117	110743
D8E131	110856	D9E774	110585	M37208	111309	NA118	111948
D8E132	110835	D9E776	110585	M37454	110315	NA120	110913
D8E148	111100	D9E78	110866	M38382	110149	NA122	111653
D8E152	110367	D9E79	110866	M39376	110958	NA123	111652
D8E158	110363	D9E81	110835	M39378	110958	NA128	110360
D8E21	110367	D9E85	111063	M39419	110808	NA129	110913
D8E41	110367	D9E851	111063	M39589	110802	NA135	112097
D8E54	110856	D9E852	111063	M39590	113633	NA181	112097
D8E60	110367	D9E9	110793	M39646	110315	NA183	110116
D8E64	110367	D9E92	110856	M39882	110804	NA201	111154
D8E66	110367	D9E93	111100	M40185	110808	NA202	111094
D8E70	110856	D9EP119	110587	M40237	110245	NA214	110912
D8E74	110856	D9R112	112295	M40472	110959	NA216	111686
D8E75	110367	D9R116	111047	M40473	110540	NA224	111656
D8E76	110793	D9R119	111065	M40546	110663	NA225	111800
D8E81	110367	D9R121	111070	M42373	110810	NA226	111800
D8E86	110856	D9R141	110368	M43005	110811	NA232	110921
D8E96	110793	D9R144	111047	M43006	111241	NA251	110889
D8E99	111100	D9R149	112440	M43007	110811	NA252	111171
D8R1	114161	D9R237	110585	M43195	110808	NA255	111075
D8R27	113926	D9R73	111114	M43196	110808	NA256	111076
D8R28	114854	D9R84	111070	M44684	110808	NA266	112739
D8R29	113926	D9R89	111125	M53436	111307	NA273	111075
D9E100	110835	D9R90	111115	M53486	111307	NA281	111082
D9E107	110336	D9R91	110354	M56290	112322	NA282	110993
D9E108	111053	D9RP160	111065	M60062	113521	NA284	111180
D9E114	111058	D9RP256	112295	M60081	113638	NA285	111153
D9E12	110367	ESW20ER121	115336	M60082	113521	NA287	110931
D9E123	112289	ESW20ER123	115402	M62956	113805	NA294	111171
D9E124	110341	FG18T033	114109	M62957	113020	NA302	111319
D9E125	111056	FG18T062	114697	MC107012	110479	NA305	111156
D9E127	110338	FS60PR019	113934	MC107023	110479	NA312	110076
D9E128	110364	HD90S010	111720	MC108024	110808	NA316	111841
D9E129	111055	HD90S011	111720	MC108027	110807	NA317	112754
D9E136	110865	HD90S013	111720	MC108029	110808	NA320	111171
D9E137	110585	HD90S013ZD	111720	MC108030	110807	NA335	111036
D9E138	110585	HD90S014	111720	MC109011	110807	NA336	112162
D9E140	111059	HD90S014ZD	111720	MC109015	114885	NA337	111331
D9E167	110336	HD90S016ZD	111720	MC109018	110315	NA345	112162
D9E20	110367	HD90S017ZD	111720	MC109021	110808	NA346	111321

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
NA350	111171	NA548	111934	ND156	111251	SG12B107	113245
NA352	111403	NA549	112057	ND158	112289	SG12B108	113248
NA352	113839	NA551	112059	ND159	111422	SG12B109	113919
NA360	110163	NA552	113577	ND160	111347	SG12B110	112471
NA361	110163	NA553	110889	ND162	111851	SG12B116	113248
NA363	113477	NA557	112557	ND162	112440	SG12B122	113245
NA365	110895	ND002	110365	ND163	112295	SG12B123	112471
NA366	112758	ND007	111106	ND164	113605	SG12S055	113503
NA371	110895	ND011	110793	ND165	111641	SG12S073	114080
NA374	112756	ND011	111066	ND169	112295	SG14B010	114722
NA379	112795	ND020	110824	ND171	111251	SG14B011	113252
NA380	111035	ND025	112295	ND172	112227	SG14B012	113510
NA386	111419	ND034	111125	ND172	114100	SG14B013	113510
NA387	111397	ND036	111114	ND204	111070	SG14B016	114722
NA388	111397	ND036	112541	ND209	111931	SG14B017	113871
NA391	111325	ND039	110793	ND211	111029	SG14B019	112193
NA392	113500	ND043	111064	ND212	110584	SG14B020	112193
NA398	111319	ND044	111064	ND213	111333	SG14B022	114722
NA402	110908	ND045	111064	ND216	112218	SG15L012	113251
NA408	112769	ND046	111068	ND217	111508	SG15L026	113251
NA414	111326	ND047	111063	S0001250303	114892	SG15S010	114680
NA423	112230	ND048	110835	S000V1196228	111307	SG15S016	112460
NA425	111527	ND049	110856	S635329A	113934	SG15S017	113755
NA433	112292	ND050	111100	SG09B063	113575	SG15S018	112461
NA435	111718	ND053	111070	SG10B010	112458	SG15S018	114798
NA436	111803	ND055	111115	SG10B012	111426	SG15S019	114128
NA437	111479	ND057	110367	SG10B019	112458	SG15S021	112460
NA438	111477	ND057	110866	SG10B021	112480	SG15S022	112461
NA440	111676	ND058	110585	SG10B022	112469	SG15S024	113640
NA442	112299	ND059	111025	SG10B023	113246	SG15S030	112468
NA444	112529	ND061	110336	SG10B041	111426	SG15S031	113948
NA445	111369	ND062	111053	SG10B048	113946	SG15S032	114680
NA446	112683	ND068	110367	SG12B010	113882	SG15S037	114128
NA450	111352	ND068	110866	SG12B011	113751	SG6S010	112689
NA454	110619	ND069	111063	SG12B012	112397	SG7S010	112199
NA455	111353	ND070	110835	SG12B015	112002	SG7S012	113403
NA457	112800	ND073	110585	SG12B015	114797	SG7S013	112199
NA461	112679	ND074	112295	SG12B017	112471	SG7S014	112058
NA465	111653	ND076	113466	SG12B018	113283	SG7S015	113405
NA466	111411	ND078	110354	SG12B021	113300	SG7S016	113250
NA467	111498	ND079	110439	SG12B023	113302	SG7S020	113879
NA468	112681	ND086	112541	SG12B024	113835	SG7S021	111990
NA469	112287	ND091	110338	SG12B025	113751	SG7S024	112058
NA473	113864	ND094	111055	SG12B027	112535	SG7S025	112229
NA475	112696	ND095	111056	SG12B029	112193	SG7S028	113577
NA477	112298	ND096	111058	SG12B030	113245	SG7S070	113403
NA478	111532	ND108	110584	SG12B038	114673	SG7S071	112199
NA479	112688	ND109	111129	SG12B039	115307	SG7S074	113577
NA480	112772	ND110	110584	SG12B040	113247	SG8B010	112398
NA481	112703	ND111	110587	SG12B042	112002	SG8B011	112075
NA485	113604	ND111	111130	SG12B042	114797	SG8B017	113870
NA492	111148	ND113	111334	SG12B047	113878	SG8B018	112273
NA494	111987	ND114	110585	SG12B049	112397	SG8B020	113603
NA500	113485	ND119	110365	SG12B050	113248	SG8B021	113575
NA503	111478	ND121	111251	SG12B052	113919	SG8B023	113253
NA504	111369	ND122	110394	SG12B054	113751	SG8B026	113253
NA506	111720	ND123	111070	SG12B055	113249	SG8B027	113340
NA507	112758	ND124	111052	SG12B060	113302	SG9B010	112399
NA509	110163	ND128	111029	SG12B062	113877	SG9B011	112399
NA511	111141	ND129	111029	SG12B063	114352	SG9B013	111989
NA514	110163	ND130	110585	SG12B065	113871	SG9B015	112079
NA518	110113	ND131	110584	SG12B068	113245	SG9B017	112396
NA520	111658	ND134	111123	SG12B071	112471	SG9B018	113887
NA521	112467	ND135	111065	SG12B072	113245	SG9B024	112274
NA524	111723	ND136	111251	SG12B074	113882	SG9B025	114522
NA526	113868	ND137	112295	SG12B075	113878	SG9B027	112399
NA528	111947	ND138	111070	SG12B080	112472	SG9B033	112144
NA530	112462	ND138	113307	SG12B081	113919	SG9B037	111967
NA531	112413	ND138	114460	SG12B082	114352	SG9B038	111943
NA532	112465	ND139	113307	SG12B087	112197	SG9B039	111943
NA533	111890	ND140	111015	SG12B089	113862	SG9B042	112396
NA534	111967	ND141	111059	SG12B090	112002	SG9B047	112144
NA535	111943	ND145	110585	SG12B090	114797	SG9B048	113253
NA536	111788	ND146	111231	SG12B095	113248	SG9B049	111989
NA540	111512	ND147	111047	SG12B096	112471	SG9B050	113871
NA541	112557	ND148	113307	SG12B097	113245	SG9B054	113950
NA542	112679	ND149	111398	SG12B098	113919	SG9B055	113887
NA544	112679	ND150	111404	SG12B103	114673	SG9B057	113253
NA547	111775	ND152	112295	SG12B105	113862	SG9B059	111989

## STARTERS & ALTERNATORS



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>VALEO</b> <i>Continued</i>							
SG9B063	113575	TG15C058	114509	TM000A14301	113805	VA106	110770
SG9B065	113575	TG15C064	113881	TM000A14401	113020	VA106	111362
SG9B066	113575	TG15C098	113858	TM000A14901	111476	VA106	111364
SG9B077	112298	TG15C115	112460	TM000A15701	111851	VA106	111366
SG9B078	112079	TG15C116	112461	TM000A18001	114885	VA107	110179
SG9B087	111989	TG15C116	114798	TM000A18601	111565	VA107	110969
SG9B088	111989	TG15C118	113640	TM000A19301	111241	VA107	111086
ST35C010	114044	TG15C119	113755	TM000A21901	113141	VA107	111184
ST35C013	114045	TG15C121	114130	TM000A23501	111849	VA107	111364
ST35C015	114046	TG15C146	114721	TM000A23601	113937	VA108	110921
ST35C016	114045	TG16C011	114736	TM000A24301	111786	VA109	111076
ST35C017	114045	TG17C010	113896	TM000A27301	113659	VA109	112162
TA00023301	111710	TG17C010B	113896	TM000A28901	113727	VA110	110770
TA000A06101	111344	TG17C011	113896	TM000A31001	112322	VA111	110178
TA000A07401	111406	TG17C015	114524	TM000A31201	113796	VA111	110179
TA000A08101	111787	TG17C019	114109	TM000A33401	113797	VA111	110759
TA000A11001	110663	TG17C021	114189	TM000A34001	114270	VA111	110968
TA000A14501	111405	TG17C021B	114189	TM000A34101	113445	VA111	111184
TA000A15101	110659	TG17C028	114042	TM000A35301	111849	VA111	111185
TA000A17301	113518	TG17C030	114042	TM000A36101	113445	VA111	111289
TA000A30601	114114	TG17C030B	114042	TM000A37001	112322	VA112	110178
TA000A33001	112530	TG17C035	114189	TM000A37201	113659	VA112	111185
TA000A34801	110802	TG17C041	114102	TM000A38001	114820	VA112	111289
TA000A35201	111309	TG17C048	113896	TS10E1	113963	VA113	110916
TA000A39101	111309	TG17C061	114102	TS10E26	114034	VA113	111075
TA000A44301	113517	TG7S010	113405	TS10E3	113932	VA114	111166
TA000A47001	110666	TG7S011	113250	TS10E4	112218	VA114	111656
TA000A48201	113792	TG7S013	113250	TS10E5	112218	VA114	113376
TA000A48401	113600	TG7S014	113405	TS12E10	111906	VA115	110914
TA000A48402	113600	TG7S015	113250	TS12E9	113897	VA115	110972
TA000A52202	111847	TG8C011	114877	TS14E11	113905	VA115	111168
TA000A55401	111515	TG8S010	113721	TS14E110	113254	VA116	110972
TA000A55601	113791	TG8S012	113720	TS18E1	113842	VA116	111168
TA000A56901	113331	TG8S013	113720	TS18E13	113933	VA116	111800
TA000A57301	112333	TG8S014	113720	TS18E3	113841	VA117	110360
TA000A57401	113330	TG8S016	113720	TS18E33	114029	VA117	110913
TA000A58101	114219	TG8S017	111718	TS18E331	114029	VA119	110891
TA000A58201	113343	TG8S021	113721	TS18ER121	114299	VA119	111289
TA000A58602	113519	TG8S022	113720	TS18ER123	113841	VA120	110350
TA000A61201	113331	TG8S023	113720	TS18ER20	115376	VA121	110179
TA000A62401	113792	TG8S024	114293	TS22E26	114030	VA121	110969
TA000B13001	111710	TG8S025	111718	TS22E5	114074	VA121	111086
TA000B16701	110664	TG9B024	113575	TS22E5B	114074	VA122	113474
TA000B28101	111710	TG9B026	113946	TS22E8	114074	VA123	110360
TA000B33801	110802	TG9B028	112469	TS22E9	114074	VA123	110913
TA0B09601	110540	TG9B042	114131	TS8E1	111641	VA123	111287
TC15C020	113640	TG9B043	113405	TS8E2	110584	VA124	111075
TG10B013	113946	TG9B044	113946	TS8E3	114199	VA125	110916
TG10B024	113946	TG9B045	113575	TS8E4	113267	VA126	110920
TG11C011	113940	TG9B064	113575	TS8E5	114199	VA127	110919
TG11C014	113874	TG9B065	113246	TS8E6	114095	VA128	110975
TG11C015	114769	TG9B066	113946	VA100	110178	VA128	111652
TG11C017	115370	TG9S010	113722	VA100	110968	VA128	111653
TG11C034	113940	TG9S011	114451	VA100	111185	VA130	111071
TG11C048	113861	TG9S015	113722	VA101	110179	VA131	111072
TG11C062	113940	TG9S016	113722	VA101	110969	VA132	110358
TG11C064	113940	TG9S021	113722	VA102	110178	VA132	110730
TG12C026	113877	TG9S022	113722	VA102	110612	VA132	110735
TG12C078	114463	TG9S036	113722	VA102	110770	VA132	110890
TG12C094	113862	TG9S039	114451	VA102	110968	VA132	110968
TG14C011	113992	TM000A0191	110958	VA102	111185	VA132	111100
TG14C015	113992	TM000A0241	110808	VA102	111289	VA133	112725
TG14C020	114322	TM000A0301	113456	VA102	111362	VA133	112730
TG14C025	114722	TM000A03801	110810	VA103	110969	VA133	112759
TG14C026	113992	TM000A03901	110808	VA103	111086	VA135	111738
TG15C011	113510	TM000A04001	110811	VA103	111289	VA135	112238
TG15C012	113881	TM000A04101	111241	VA103	111364	VA138	110877
TG15C018	113858	TM000A04201	111305	VA103	111366	VA138	110887
TG15C020	113640	TM000A05101	110810	VA104	110759	VA138	112310
TG15C022	113755	TM000A05501	110808	VA104	110770	VA140	111355
TG15C023	113948	TM000A06001	110576	VA104	110968	VA140	112238
TG15C028	113640	TM000A06101	110809	VA104	111086	VA141	110365
TG15C034	114130	TM000A06701	110389	VA104	111289	VA141	110913
TG15C038	113881	TM000A06901	110389	VA104	111362	VA143	110889
TG15C043	113510	TM000A07101	110245	VA104	111364	VA144	111036
TG15C053	113640	TM000A08401	111307	VA104	113574	VA144	111621
TG15C054	113755	TM000A08701	113129	VA105	110968	VA147	111948
TG15C056	114130	TM000A13701	113638	VA105	111185	VA150	110993
TG15C057	114130	TM000A13901	113521	VA105	113378	VA151	110360

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
VA151	110913	VA215	112056	VA284	112162	VA388	111512
VA153	110367	VA216	111166	VA285	112299	VA390	111317
VA153	112298	VA217	112162	VA286	112292	VA391	111354
VA153	112744	VA218	110137	VA287	112230	VA391	111369
VA154	112744	VA218	110138	VA289	112772	VA392	111354
VA155	110913	VA219	110129	VA291	110619	VA392	112529
VA155	110919	VA220	110128	VA295	112298	VA393	112056
VA155	110975	VA220	110264	VA296	112782	VA98	110178
VA155	111652	VA221	110168	VA297	110769	VA99	110179
VA155	112098	VA221	110264	VA298	110374	VA99	110969
VA159	110972	VA222	110318	VA298	111148	VS101	111053
VA159	111168	VA224	110138	VA298	111166	VS102	111102
VA159	111800	VA225	110168	VA298	113376	VS103	110585
VA159	112056	VA225	113793	VA300	111620	VS104	110354
VA160	111043	VA226	110129	VA300	111654	VS104	110440
VA162	110890	VA226	110168	VA300	111686	VS104	110441
VA162	111156	VA226	110267	VA301	110611	VS104	112439
VA163	111166	VA226	110307	VA301	110882	VS106	110337
VA163	111187	VA226	110458	VA301	110890	VS106	111053
VA163	111467	VA227	110134	VA301	110912	VS106	111123
VA163	113376	VA227	110136	VA301	111138	VS106	111131
VA164	110743	VA227	110168	VA301	111620	VS107	110771
VA165	110969	VA229	110134	VA301	112719	VS107	110831
VA165	112128	VA230	110168	VA301	112768	VS108	110831
VA166	110612	VA231	111176	VA304	111654	VS109	111103
VA166	111035	VA232	111741	VA304	112771	VS111	111102
VA166	112719	VA233	111741	VA305	111411	VS112	111064
VA167	111178	VA234	113920	VA306	110882	VS113	110831
VA167	112775	VA235	111361	VA307	112681	VS114	110847
VA172	110971	VA236	110348	VA308	111498	VS114	111056
VA173	111082	VA237	110385	VA309	111356	VS115	111055
VA173	112728	VA238	111578	VA309	111364	VS116	111114
VA174	110891	VA239	111157	VA310	111176	VS116	112541
VA174	110968	VA242	110250	VA310	111293	VS117	110587
VA175	110178	VA243	110496	VA311	112759	VS117	111070
VA175	110179	VA243	110628	VA313	111368	VS118	111063
VA175	110759	VA243	110678	VA323	111176	VS119	110867
VA175	110969	VA244	110138	VA324	110891	VS120	110867
VA175	111086	VA244	110248	VA325	110631	VS121	110840
VA175	111184	VA245	111364	VA326	110358	VS123	110337
VA175	111289	VA245	112725	VA327	110660	VS123	111131
VA180	110743	VA246	110968	VA328	112531	VS123	111750
VA181	111085	VA248	110607	VA331	111264	VS124	110831
VA181	112753	VA248	111362	VA332	110631	VS126	111058
VA182	111362	VA248	111743	VA334	111532	VS128	110461
VA186	110975	VA248	111754	VA335	111318	VS129	110793
VA187	110767	VA249	110630	VA336	113604	VS129	111066
VA187	111652	VA250	110927	VA338	112688	VS131	110341
VA187	111653	VA251	112297	VA338	113485	VS132	111100
VA189	111841	VA252	110664	VA339	112703	VS134	111064
VA191	111289	VA253	110693	VA343	110628	VS137	110336
VA194	111157	VA256	110607	VA343	112744	VS138	111053
VA195	111095	VA256	111754	VA344	112769	VS138	111131
VA195	111171	VA256	112149	VA345	113500	VS139	110338
VA195	111287	VA259	110607	VA346	111171	VS140	111070
VA196	111166	VA259	111754	VA349	112769	VS141	110771
VA196	111178	VA261	111147	VA350	112795	VS141	110868
VA196	111180	VA263	111093	VA353	112679	VS142	110367
VA196	111767	VA263	111149	VA362	112705	VS142	110866
VA196	111891	VA264	110923	VA364	111353	VS143	110367
VA199	111289	VA264	111093	VA365	111477	VS144	111068
VA200	110077	VA266	111325	VA366	111352	VS145	110365
VA200	111841	VA266	112756	VA367	111479	VS146	110835
VA202	111094	VA269	110902	VA374	110682	VS148	110368
VA202	112149	VA269	111152	VA376	111170	VS148	111112
VA202	112735	VA269	111154	VA377	112229	VS149	110824
VA203	111035	VA271	111321	VA378	111187	VS149	111010
VA203	111078	VA274	110880	VA378	111467	VS152	110364
VA207	110349	VA274	110975	VA380	110913	VS153	112651
VA207	110890	VA274	111653	VA381	110107	VS154	110997
VA209	111082	VA275	110887	VA382	111154	VS156	111025
VA209	112728	VA275	111153	VA382	111288	VS164	110524
VA211	110920	VA277	110248	VA382	111652	VS168	111114
VA211	112728	VA277	112750	VA382	112735	VS168	112541
VA212	111289	VA280	112683	VA382	112763	VS169	110352
VA214	111166	VA281	112687	VA383	111288	VS172	111125
VA214	111169	VA282	112800	VA383	112763	VS173	110844
VA214	111800	VA283	112754	VA384	111095	VS173	113269
VA214	112056	VA284	111076	VA384	112162	VS174	110839

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>VALEO</b> <i>Continued</i>							
VS174	..110996	VS264	..111131	<b>VENDOR</b>		023903023	..111353
VS177	..110868	VS265	..111030	A000B0431	..110540	025911023	..113847
VS178	..110444	VS267	..111052			026903015	..112149
VS179	..111865	VS270	..112295	<b>VETUS</b>		026903017	..112149
VS181	..111058	VS271	..110869	31A68-00400	..112492	026911023	..110865
VS182	..110365	VS271	..110997	31A68-00401	..112492	027903015	..111160
VS186	..112295	VS272	..110584	31A68-00402	..112492	027911023	..113844
VS187	..111055	VS274	..112235			028903018	..111353
VS189	..110858	VS277	..112321	<b>VISTEON</b>		028903028	..113770
VS193	..110363	VS278	..110865	20-100-01002	..112340	028903030	..112002
VS194	..110512	VS279	..111029	20-100-01003	..111374	028903030	..114797
VS195	..110839	VS280	..111029	20-100-01005	..112235	028903031	..112397
VS197	..110394	VS281	..111115	20-100-01006	..113701	030903023	..111095
VS201	..113574	VS283	..111070	20-100-01007	..112290	031903023	..111154
VS204	..110160	VS284	..111029	20-100-01008	..112290	034903016	..112777
VS204	..111054	VS284	..111129	20-100-01010	..111906	034911023	..111010
VS204	..111489	VS285	..111070	20-100-01011	..112251	035903015	..110911
VS205	..111055	VS285	..114460	20-100-01014	..113910	035911023	..110824
VS205	..111123	VS286	..110352	20-100-01015	..111900	036903017	..110913
VS205	..111127	VS286	..111106	20-100-01020	..112251	036903021	..111288
VS206	..111063	VS287	..111422	20-100-01021	..113905	036903023	..110360
VS207	..110336	VS288	..112289	20-100-01022	..112821	036903024	..114027
VS207	..111030	VS291	..111619	20-100-01023	..113794	036903025	..112763
VS207	..111131	VS292	..111421	20-100-01025	..112290	036903027	..112763
VS207	..111269	VS293	..110812	20-100-01025	..114119	037911023	..111059
VS209	..110142	VS294	..110337	20-100-01027	..113906	038903018	..113888
VS210	..110144	VS296	..111030	20-100-01028	..113907	038903023	..113340
VS211	..110152	VS297	..110842	20-100-01029	..113908	045903023	..112079
VS215	..110278	VS298	..110842	20-100-01031	..113909	046903015	..113758
VS218	..110279	VS301	..111543	20-100-01032	..111374	046903017	..113758
VS219	..110149	VS302	..110814	20-100-01034	..113910	046911023	..110824
VS219	..110808	VS302	..111693	20-100-01036	..113911	047903015	..111139
VS223	..113380	VS303	..110807	20-100-01044	..114092	047903017	..112419
VS224	..110421	VS305	..110808	20-100-01047	..111906	052903015	..110360
VS224	..111475	VS306	..110810	20-100-01049	..112235	052903017	..110360
VS225	..110402	VS307	..111065	20-100-01050	..112821	052903023	..110360
VS225	..111385	VS308	..111851	20-100-01053	..114119	053911023	..112321
VS226	..110152	VS309	..110862	20-150-01001	..113883	054903015	..112750
VS226	..110157	VS310	..113389	20-150-01002	..113912	055903023	..110360
VS226	..110158	VS312	..111728	20-150-01004	..113708	059903015	..113758
VS226	..110315	VS314	..111312	20-150-01005	..113709	059911024	..114094
VS226	..110479	VS316	..111130	20-150-01006	..113709	060903017	..111652
VS227	..112455	VS317	..111442	20-150-01007	..113913	060911023	..110997
VS228	..110249	VS317	..112214	20-150-01008	..113710	062911023	..114304
VS228	..110312	VS318	..111251	20-150-01009	..113710	063903015	..111139
VS230	..110149	VS319	..111251	20-150-01010	..113710	063903017	..111139
VS230	..110157	VS320	..110585	20-150-01034	..113912	068903017	..110767
VS230	..110808	VS320	..113481	9J	..112943	068903025	..110360
VS230	..111310	VS321	..111063	BF	..112946	068903031	..111154
VS231	..111059	VS321	..111251	CA	..112949	069911023	..111112
VS232	..110365	VS322	..111333	CE	..112947	070903024	..113947
VS233	..110397	VS325	..110835	CN	..112959	070903139	..113947
VS234	..110465	VS326	..112295	CT	..112956	074903023	..111154
VS235	..111030	VS328	..111270	CV	..112951	074903026	..112079
VS236	..110584	VS329	..111748	CW	..112947	075903023	..112729
VS239	..110847	VS333	..110394	CY	..112954	077903015	..112777
VS239	..111122	VS334	..113097	DH	..112958	078903016	..113510
VS240	..110323	VS338	..110152	DK	..112961	078911023	..112309
VS240	..110709	VS339	..111136	KD	..112940	091911023	..110858
VS240	..111749	VS340	..111749	KJ	..112940	176911023	..111060
VS241	..112124	VS343	..111069	PZ	..112933	211903031	..111225
VS243	..111865	VS344	..111489			211911023	..110363
VS244	..111608	VS345	..111251	<b>VM</b>		330903015	..112149
VS246	..110351	VS346	..112125	3.553.2022A	..114265	001911023C	..111823
VS247	..110312	VS358	..112340	3.553.2039F	..114265	00A903025	..111903
VS247	..111442	VS371	..113745	3.553.2053F	..114402	00A903025A	..111902
VS249	..110862	VS456	..112290	3.553.2054F	..114055	0175903015E	..111094
VS249	..111347			3.553.2054F	..114055	020911023A	..111748
VS249	..111911	<b>VALMET</b>		3.553.2055F	..114020	020911023AX	..111748
VS249	..114118	83646400	..113901	3.553.2063F	..114055	020911023B	..112286
VS251	..110522	83646500	..113570	3.553.2064F	..114402	020911023D	..112286
VS251	..113134	835330965	..113484	3.852.2236F	..110890	020911023DX	..112286
VS254	..111059	836640927	..112556	3.852.2313G	..114466	020911023F	..111909
VS255	..111060	836662073	..114254	3.852.2319F	..114019	020911023H	..111909
VS259	..111214	836666039	..113610			020911023J	..111748
VS261	..111750	836666226	..113610	<b>VOLKSWAGEN</b>		020911023L	..111748
VS262	..110867	836666721	..113610	001911023	..111823	020911023M	..111748
VS262	..112290	836673290	..113570	020911023	..111748	020911023MX	..111748
VS263	..111131	836873290	..113570	021903017	..111353	020911023N	..111748

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
020911023P	112286	028903028P	112042	02M911024G	115402	0359110230	111010
020911023PX	112286	028903029A	112396	02M911024P	113841	035911023Q	111010
020911023R	112286	028903029B	112397	02M911024S	115402	035911023QX	111010
020911023S	111909	028903029D	112396	02T911023C	112438	035911023X	110824
020911023T	111909	028903029E	112397	02T911023E	112435	036903017A	110360
020911024A	112286	028903029G	112002	02T911023G	113515	036903017AX	110360
021903017A	111477	028903029G	114797	02T911023H	112438	036903017B	110913
021903020DX	110358	028903029M	113406	02T911023M	114176	036903017F	111152
021903023J	111353	028903029Q	113252	02T911023R	114034	036903017FX	111152
021903025B	111991	028903029R	113252	02T911023S	114034	036903017G	111287
021903025BX	111991	028903029S	112396	02T911023T	114176	036903017GX	111287
021903025C	113885	028903029T	112396	02T911024	114062	036903017H	112763
021903025G	112709	028903030A	112002	02T911024A	114034	036903017HX	112763
021903025K	112002	028903030A	114797	02T911024B	114034	036903017K	111288
021903025K	114797	028903031A	112397	02T911024J	115401	036903017KX	111288
021903026A	113884	028903031X	112397	02Z911023C	114034	036903017L	111095
021903026G	114453	028911023M	113387	02Z911023E	114163	036903017LX	111095
021903026L	114109	02A911023	111751	02Z911023F	113842	036903017X	110913
022903028A	113884	02A911023A	111751	02Z911023FX	113842	036903018B	113874
022903028B	114109	02A911023AX	111751	02Z911023G	114163	036903023B	110360
023903023B	111353	02A911023C	112166	02Z911023H	113842	036903023C	110360
025911023A	113847	02A911023D	112131	02Z911023HX	113842	036903023D	110913
025911023AX	113847	02A911023DX	112131	02Z911023M	114299	036903023E	110913
026903015A	112149	02A911023E	112131	02Z911023N	114299	036903023F	110360
026903015D	112149	02A911023EX	112131	02Z911023P	114299	036903023G	110913
026903015DX	112149	02A911023F	111749	02Z911023R	115338	036903023H	110913
026903015E	112149	02A911023FX	111749	02Z911023RX	115338	036903023K	110913
026903015EX	111094	02A911023H	112166	02Z911023S	115336	036903023L	110360
026903017A	112149	02A911023HX	112166	02Z911024A	115336	036903023M	110913
026903017AX	111094	02A911023J	111900	02Z911024B	115336	036903023N	110360
026903017N	112149	02A911023JX	111900	02Z911024J	113842	036903023NX	110360
026903017X	112149	02A911023L	112005	030903023A	111352	036903023P	110913
026903023A	112149	02A911023LV	112005	030903023B	111352	036903023PX	110913
026903023B	112149	02A911023LX	112005	030903023BX	111352	036903023X	110360
026911023B	110865	02A911023Q	112166	030903023C	111479	036903024D	113874
026911023BX	110865	02A911023R	111900	030903023D	111352	036903024H	113874
026911023C	112321	02A911023S	114160	030903023DX	111352	036903024J	113874
026911023CX	112321	02A911023T	111749	030903023E	111352	036903024N	113874
026911023G	112321	02A911023TX	111749	030903023EX	111352	036903025A	111288
026911023GX	112321	02A911023X	111751	030903023F	111479	036903025B	112763
026911023X	110865	02A911024	111900	030903023FX	111479	036903025E	110913
027903015X	111160	02A911024B	111900	030903023H	112075	036903025G	110913
027911023X	113844	02A911024D	111900	030903023J	111989	036903025L	111288
028903018AX	111820	02A911024E	114160	030903023JX	111989	036903025M	111152
028903018B	111988	02A911024G	111900	030903023M	113887	036903025N	111095
028903018BX	111988	02A911024H	111900	030903023X	111095	036903025Q	111288
028903018F	111676	02A911203	112131	030903029A	113887	036903025QX	111288
028903018FX	111676	02B911023A	112052	031903023D	111154	036903025S	112763
028903018X	111353	02B911023AX	112052	034903015F	112777	036903027B	112763
028903023E	111676	02B911023B	112306	034903015T	112750	036903027C	111288
028903023EX	111676	02B911023BX	112306	034903016A	112750	036903027D	112763
028903025C	113885	02B911023C	112167	034903016D	112750	036903027E	111288
028903025CX	113885	02B911023CX	112167	034903016G	112750	036903027G	111288
028903025E	111676	02B911023D	113387	034903016H	112777	036903028A	113887
028903025EX	111676	02B911023DX	113387	034903016N	113867	036911023C	111058
028903025G	111352	02B911023E	112444	034903017B	112777	036911023E	111058
028903025GX	111352	02B911023F	113677	034903017BX	112777	036911023G	111058
028903025H	111353	02B911023J	113387	034911023A	111010	036911023GX	111058
028903025HX	111353	02B911023L	113387	034911023X	111010	036911023H	111058
028903025P	111479	02B911023M	112444	035903015A	111139	036911023HX	111058
028903025PX	111479	02B911023N	113387	035903015E	111139	036911023K	111058
028903025Q	111477	02E911023H	113509	035903015L	111652	036911023KX	111058
028903025QX	111477	02E911023J	115333	035903015N	111139	036911023M	111058
028903025S	111988	02E911023L	115311	035903015X	110911	036911023MX	111058
028903025SX	111988	02M911023	114174	035903017A	112729	036911023N	111058
028903026G	111828	02M911023A	112429	035903017AX	112729	036911023Q	113750
028903027D	111988	02M911023C	112429	035911023A	110824	036911023QX	113750
028903027E	113770	02M911023D	112429	035911023B	110824	036911023S	112307
028903027L	111820	02M911023F	112429	035911023C	110824	036911023SX	112307
028903027N	111899	02M911023G	113773	035911023D	111010	036911025B	112307
028903027P	111898	02M911023M	113773	035911023E	110824	037903023E	111477
028903028C	112075	02M911023N	113841	035911023EX	110824	037903023G	111477
028903028D	111989	02M911023P	113841	035911023F	110824	037903023GX	111477
028903028DX	111989	02M911023PX	113841	035911023J	110824	037903023P	112149
028903028E	112002	02M911023Q	113678	035911023JX	110824	037903023Q	111353
028903028E	114797	02M911023R	112429	035911023L	111010	037903023QX	111353
028903028F	112045	02M911024	113841	035911023LX	111010	037903025C	111820
028903028G	111820	02M911024A	113841	035911023M	111010	037903025E	112075
028903028J	111884	02M911024C	115402	035911023N	111010	037903025F	113887

Cross reference list

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>VOLKSWAGEN</b> <i>Continued</i>							
037903025G	113870	046903023H	111652	058911023B	112321	068903031D	111287
037903025L	112273	046911023B	112537	058911023BX	112321	068903031E	111152
037903025M	112274	046911023BX	112537	059903015F	113751	068903031EX	111152
037903025N	113870	046911023X	110824	059903015G	113751	068903031F	111152
037903025S	112273	047903015G	112273	059903015GX	113751	068903031G	110902
037903025T	112274	047903015H	112274	059903017DX	111652	068903031GX	110902
037903026C	113887	047903015J	110622	059911023C	110997	068903031H	111154
037911023A	113844	047903015M	112387	059911023CX	110997	068903031J	112735
038903018A	112274	047903015Q	112419	059911023E	110824	068903031JX	112735
038903018B	112402	047911023C	112388	059911023EX	110824	068903031K	111094
038903018EX	112399	047911023G	112388	059911023F	110997	068903031KX	111094
038903018F	113751	049903015C	110911	059911023FX	110997	068903031L	111287
038903018P	112079	049903015F	113758	059911023H	111995	068903031Q	112799
038903018PX	112079	049903015FX	113758	059911023I	114094	068903031RX	112765
038903018R	112274	049903015G	110911	059911023S	114690	068903031SX	111287
038903018RX	112274	049903015GX	110911	059911023SX	114690	068903033B	111094
038903023K	113340	049903015H	112747	059911024C	115375	068911023AX	110368
038903023L	112079	049903015J	111652	059911024D	114094	068911023DX	111060
038903023Q	113340	049903015L	111652	059911024E	114775	068911023XE	110996
038903023R	112079	049903015T	110911	059911024J	114690	068911023EX	111060
038903023S	112002	049903017A	110919	060903017A	111653	068911023G	111060
038903023S	114797	049903017C	110919	060903017AX	111653	068911023GX	111060
038903023T	113888	049903017CX	110919	060903017X	111652	068911023JX	111060
038903024A	112079	049903023B	110911	063903017X	111139	068911023M	111069
038903024B	113340	049903023E	111653	068903017A	110360	068911023MX	111060
038903024D	112079	049903023F	111653	068903017B	110913	068911023S	111694
038903024E	112079	049903023FX	111653	068903017BX	110913	068911023SX	111694
038903024F	112002	049903023G	111652	068903017F	110913	068911023T	112286
038903024F	114797	049903023H	111652	068903017K	111288	068911023TX	112286
038903024G	112002	049903023HX	111652	068903017L	111154	068911024B	111694
038903024G	114797	049903023J	111653	068903017M	111287	068911024BX	111694
038903025A	112401	049903023K	111652	068903017MX	111287	068911024C	111694
038903025M	113888	049903023R	110919	068903017N	111094	068911024E	111694
039903025B	112763	049903023T	110919	068903017NX	111094	068911024F	111694
039903027A	111288	049903023TX	110919	068903017P	112729	068911024G	111694
039903027C	111288	049903027F	110919	068903017PX	112729	068911024K	111060
03C903023	114769	049911023G	110865	068903017Q	112765	068911024L	114171
03C903023B	114769	049911023GX	110865	068903017QX	112765	068911024T	111694
03C903023D	114769	049911023H	110865	068903017R	110902	069903017A	112729
03C903023G	113861	050903015B	112712	068903017RX	110902	069903017AX	112729
03C903023GX	113861	050903015BX	112712	068903017S	112735	069903023D	112729
03D903025D	113253	050903015J	112798	068903017SX	112149	069903023F	111094
03D903025E	113253	050903023J	112798	068903017T	111154	069903023G	112729
03D903025H	113253	051903015D	112777	068903017TX	111154	069903023H	112729
03D903025J	113253	052903017X	110360	068903017X	110767	069911023A	111112
03G903016B	114322	053903015D	112798	068903018B	112729	069911023AX	111112
03G903016BX	114322	053903015E	112798	068903018BX	112729	069911023B	111120
03G903016E	114322	053911023A	112321	068903018P	112729	069911023BX	111120
03G903016EX	114322	053911023AX	112321	068903023B	110360	069911023C	112537
03G903016G	114322	053911023B	112321	068903023C	110913	069911023CX	112537
03G903023	114109	053911023BX	112321	068903023F	110913	069911023D	112537
03G903023F	114697	054903015C	112806	068903023G	111652	069911023DX	112537
03G903023Q	114697	054903015K	112806	068903023J	111653	069911023E	112221
03G903023X	114109	054903015KX	112806	068903023L	110360	069911023F	111855
03G911023	114096	054903015L	112777	068903023N	110913	069911023H	112014
03G911023A	114177	055903023D	111652	068903023T	112729	069911023J	112430
03G911023AX	114177	055903023S	111653	068903025A	110913	069911023K	112014
03L903023E	114109	055911023A	110864	068903025C	110767	069911023L	112221
03L903023F	113992	055911023AX	110864	068903025F	111652	069911023M	112430
040903015G	110911	055911023E	111059	068903025P	111652	069911023V	111112
040903025.3	111096	055911023F	111059	068903025Q	110360	06A903023	111989
043903023A	111096	055911023FX	111059	068903025T	111652	06A903026	111989
043903023B	111096	055911023H	111059	068903027H	110919	06A903026A	111989
043903023C	111096	055911023J	111059	068903027P	110767	06A903026B	112075
043903023CX	111096	055911023K	111059	068903027PX	110767	06B903016	112398
043903023D	111096	055911023L	111059	068903029A	112729	06B903016A	112399
043903023DX	111096	055911023M	111059	068903029D	112729	06B903016AB	114722
043903023G	111096	055911023R	111059	068903029F	112729	06B903016AD	113882
043903025A	111096	056903015H	111652	068903029G	112729	06B903016AE	113878
045903023B	113873	058903016A	111478	068903029K	112765	06B903016AF	114722
045903025B	113873	058903016B	111478	068903029M	112729	06B903016C	112398
045903026C	113887	058903016BX	111478	068903029N	112729	06B903016D	112399
046903015A	110911	058903016C	113867	068903029P	112729	06B903016E	113882
046903015D	112777	058903016E	111478	068903029R	112735	06B903016F	113283
046903015F	113758	058903018A	111478	068903029S	111094	06B903016G	113283
046903015G	112750	058903018B	111478	068903029T	110902	06B903016P	113878
046903017A	110911	058903018C	113867	068903031A	111152	06B903016S	113878
046903017AX	110911	058911023A	110997	068903031B	111288	06B903016AA	114722
046903017X	113758	058911023AX	110997	068903031C	111287	06B911023	112321

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
06B911023A	114179	091911023B	111061	859722	112277	3841359	114818
06B911023X	112321	091911023BX	111061	870977	111054	3860171	111710
06C903016	113751	091911023X	110858	872258	112165	3860566	111786
06C903016A	113751	09A911023	114308	873348	112165	3862665	114664
06C903016B	113510	0AH911023	114175	873633	113382	3884950	114664
06D903016A	114722	0AH911023A	114175	874385	114527	3963143	111631
06D911021B	115394	0AH911023B	114173	874501	114818	3964839	112116
06D911023B	115394	0AH911023BX	114173	874502	113971	3976608	113186
06E903016E	114736	0AM911023D	115376	881683	111218	3978044	114047
06E903016EX	114736	0AM911023F	115337	881684	111219	3978710	114033
06E911023B	114837	0AM911023Q	115376	982200	111277	3986428	111631
06F903023A	113992	111911023BT	110363	983248	111277	3986429	111746
06F903023C	113992	111911023C	110363	1089861	112345	4772059	113850
06F903023D	115370	111911023D	110363	1089862	112803	4778060	111046
06F903023E	113992	113903031G	111225	1096757	111631	4785484	114170
06F903023F	113992	113903031GX	111225	1096758	111746	4785538	113482
06F903023H	113992	113903031K	111225	1219754	111085	4785539	113482
06F903023J	113992	113903031M	111225	1234977	111085	4785541	112132
06H911021A	115394	113903031N	111225	1257938	111112	4880691	112132
06J903023C	114722	113903031P	111225	1257939	111120	4880692	113482
070903023C	111670	113903031PX	111225	1308719	110881	4880693	113482
070903023CX	111670	113903031Q	111225	1308720	111085	4881097	112507
070903023D	111670	175903023K	111652	1323488	110881	4881598	111638
070903024A	113947	175903023L	111652	1323912	110881	5001599	110160
070903024B	113947	1HS911023B	111748	1324957	110881	5001613	110160
070903024F	113947	211903031A	111225	1328392	111120	5001614	110160
070911023B	114723	311911023B	110363	1346707	111054	5001668	110367
071903016G	111478	311911023C	110363	1348508	112753	5001669	110367
074903018A	113884	311911023D	110363	1357199	111489	5001677	110112
074903023H	112750	311911023DX	110363	1359119	111047	5001679	110112
074903023X	111154	441.04003-226.6	112387	1363451	112818	5001680	110207
074903025A	112765	441.04009-219.6	112236	1363496	112746	5001683	110208
074903025B	112799	4Z7903015	113510	1363511	112746	5001686	110205
074903025BX	112799	6K0903028	111884	1367049	111047	5001701	111064
074903025J	113754	6U0911023A	112236	1374082	114157	5001759	111047
074903025K	112043	6U0911023B	111214	1398327	112746	5001782	112742
074903025M	113888	7M5903028	112002	1502272	111528	5001784	111638
074903025N	112402	7M5903028	114797	1505107	110112	5001835	112742
074903025Q	113754	BCA903015	112735	1505307	110112	5001867	111112
074903025R	113754	J2702054352	111483	1509425	112742	5002048	110881
074903025S	113884	J2702054700	111483	1542195	111047	5002050	111120
075903023A	112729	J2706035061	113077	1545417	111047	5002051	111085
076903023D	111653	JUF903031A	110902	1547049	112116	5002054	111064
076903023J	112149	TJG911023B	113346	1578139	112742	5002271	110881
076903023M	111653			1578140	110112	5002476	112541
076903023N	112735			1578938	112742	5002633	112756
076911023A	114317	<b>VOLVO</b>		1607361	110902	5002698	111063
077903015C	112777	240340	110205	1607362	111528	5002701	111333
077903015G	112777	240504	110208	1621048	112803	5002781	111319
077911023E	111817	240519	110537	1676822	114047	5002790	111179
078903015A	112806	240524	111217	1684865	114157	5002898	111085
078903015AX	112806	240847	111217	2557832	110175	5003001	110881
078903015C	112806	241599	113482	3032961	112343	5003009	111638
078903015F	112806	243007	112132	3173821	111631	5003027	110208
078903015FX	112806	308043	110207	3283184	110921	5003028	110207
078903016AB	113510	420718	111638	3412455	110585	5003029	110205
078903016AC	113510	420731	110980	3417316	113839	5003089	112784
078903016CA	113510	420760	114047	3430012	110585	5003261	112742
078903016F	113751	420780	110207	3523301	111489	5003312	110980
078903016H	113751	465471	111793	3523422	112557	5003349	112345
078903016HX	113751	465604	111638	3523478	111085	5003398	112803
078903016R	113510	465929	110208	3523878	112813	5003448	112345
078903016S	113510	465930	110207	3544497	112815	5003508	112753
078911023A	112309	465931	110205	3544624	111085	5003564	111489
078911023D	111769	466772	111638	3545364	112557	5003617	110160
078911023X	112309	468202	110205	3581774	111047	5003665	112746
07K903025A	113992	469414	110208	3587625	111786	5003708	111120
085911023A	111904	477049	110980	3588491	114818	5003746	112813
085911023AX	111904	833031	113705	3594614	114818	5003802	110881
085911023B	113750	834339	111054	3801296	114818	5003803	111085
085911023BX	113750	834893	112130	3803074	111054	5003804	112746
085911023E	113750	834976	111054	3803200	112277	5003806	112753
085911023J	113750	838060	111209	3803646	113303	5003975	112557
085911023JX	113750	841762	111397	3803847	114819	5003996	112557
085911023K	111904	841765	111397	3803912	114845	5240360	110160
085911023L	111904	842765	111397	3803938	114818	6205473	112098
085911023M	111904	845940	111528	3827444	114527	6209191	110766
091911023A	111061	847307	111218	3840181	113971	6226486	110527
091911023AX	111061	858839	111397	3840183	114845	6601769	110537
		859252	111047				

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>VOLVO</b> <i>Continued</i>							
6643669	111217	8253860	113245	9447863	112557	31288155	113849
6643899	110537	8253873	112218	9447866	111894	31288275	111906
6686461	110205	8253975	113249	9459038	112078	36000041	114746
6779261	112345	8253980	113248	9459077	112072	36000221	113911
6779713	112742	8348930	111277	9459092	112072	36000237	113303
6882364	110112	8408080	110160	9459093	113754	36000598	113922
6886493	110112	8410664	110225	9472908	112072	36000599	113849
7240524	111217	8553265	111277	9496882	113303	36002497	113906
8034993	110060	8601699	112072	9519360	112343	36002574	113978
8111001	112078	8601841	112072	9520621	112343	36002642	113303
8111048	111894	8602002	112327	9521761	111746	36002761	111906
8111107	112557	8602083	112295	11030906	110208	36050262	113272
8111119	113754	8602084	112818	11031126	110207	36050997	113849
8111122	113754	8602085	112818	11127679	113827	85000087	113830
8111302	112818	8602096	112557	11170011	111631	85000148	114193
8111509	111619	8602101	112696	11170134	114212	85000186	112116
8111510	112295	8602102	113605	11170321	114212	85000221	112345
8111537	113500	8602103	112080	11716111	113991	85000257	114212
8111568	113753	8602138	112557	20397219	114193	85000295	114310
8111569	111803	8602274	112474	20405828	112494	85000438	110208
8111571	112679	8602276	112072	20409228	114212	85000439	110207
8111572	113481	8602277	112078	20409240	114212	85000440	110980
8111634	112557	8602279	112471	20430564	113830	85000443	114047
8111635	113605	8602343	113272	20431073	113830	85000446	114047
8111699	111512	8602355	113303	20450305	114310	85000447	114033
8111701	111251	8602356	113248	20451445	112116	85000450	110208
8111811	112679	8602556	112458	20466315	114212	85000507	111631
8111838	112165	8602629	113272	20466317	114212	85000526	114310
8111839	112165	8602710	113272	20536466	112116	85000626	114212
8111840	111641	8602806	112471	20553711	110207	85000628	114212
8111887	112557	8602818	113303	20563533	114193	85000629	114212
8111905	111775	8602924	114315	20572417	114872	85000668	114303
8111906	111719	8603182	113922	20714203	114872	85000677	113830
8111910	111934	8603271	113978	20731028	114359	85000709	110112
8111912	111934	8603292	113906	20732404	114310	85000710	112784
8111920	111718	8603377	111906	20732977	114193	85000711	112742
8111921	112059	8603409	113911	20849349	114212	85000712	112803
8111943	111722	8603539	113303	20849350	114212	85000713	111746
8112272	111808	8603689	113906	20849352	114212	85000714	111746
8112614	111631	8603690	113908	20891242	114872	85000715	111746
8113097	113186	8622742	114315	20898062	114303	85000716	112803
8113165	112116	8622786	113272	20900793	114873	85000749	114733
8113258	111631	8637848	113272	20997663	114323	85000750	114323
8113860	114047	8666579	113922	21025968	114193	85000883	114193
8113908	110112	8676015	114157	21036377	114193	85000934	114193
8113909	112784	8676489	113272	21067513	114047	85003104	112343
8113910	112742	8676496	113272	21164603	114733	85003257	114303
8113911	112345	8676498	113272	21289221	114303	85003303	114047
8113912	112803	8688170	113978	21311522	112494	85003304	114033
8113918	112116	9031062	110921	21314102	114873	85003355	114212
8144401	111631	9031081	112744	21423488	114818	85003357	114212
8156816	111631	9031146	111321	21429783	114212	85003983	111631
8156817	111746	9031147	113839	21429789	114212	<b>VTZ - VLADIMIRSKY TRACTORS</b>	
8192262	114047	9031302	110585	21477589	114047	273708	113431
8192965	110980	9031303	112295	21598436	114193	<b>WAI</b>	
8192965	114033	9031312	113839	21598446	114193	22407	113539
8251071	112072	9031316	111326	21598449	114193	2-2062	111382
8251551	112818	9031707	113839	21632125	114872	2-2147	111915
8251635	111719	9033313	110766	22175633	112494	2-2148	112010
8251639	112557	9130002	112557	24437136	113276	2-2149	112010
8251641	112471	9130003	112557	30620870	113248	2-2150	111917
8251643	112474	9130217	112557	30658567	113303	2-2151	111918
8251648	112458	9130273	112557	30667058	113911	2-2153	112010
8251655	112072	9130274	112557	30667067	113922	2-2154	112011
8251725	112471	9130485	112557	30667068	113849	2-2155	112145
8252875	114814	9148665	112557	30667071	113978	2-2156	112146
8252889	112475	9162424	112557	30667102	111906	2-2158	110654
8253502	112199	9162468	112557	30667299	114746	2-2160	110647
8253504	112218	9162617	112818	30667494	113911	2-2161	112156
8253505	113761	9162618	112818	30667874	113911	2-2162	112157
8253507	112144	9162683	112557	30724473	113303	2-2163	112247
8253534	113577	9162684	112557	30755494	113978	2-2164	112827
8253611	112458	9162927	111894	30782052	113303	2-2166	110644
8253632	112144	9164940	112557	30782228	113303	2-2176	113541
8253634	111251	9164941	112557	30795422	113922	2-2177	113540
8253785	112471	9442130	113754	30795423	113849	2-2183	113527
8253786	112474	9442188	112557	30808465	113605	2-2187	111928
8253797	113403	9442841	112078	30854113	112080		
8253813	112458	9442905	111894	31285595	113849		

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
2-2187	111928	1-1114-01HI	112967	1-1308-01PR	112755	1-1452-01BO	111289
2-2188	110634	1-1114-01HI-1	112967	1-1315-01LU	110179	1-1453-01BO	111289
2-2189	110635	1-1116-01HI	110707	1-1321-01LU	110968	1-1460-01BO	111653
2-2190	111804	1-1119-01HI	111266	1-1323-01LU	110968	1-1465-01VA	111154
2-2191	112563	1-1120-01HI	111264	1-1329-01BO	111289	1-1468-01BO	111094
2-2192	112242	1-112-01	110264	1-1336-01PR	111156	1-1469-01BO	111287
2-2193	112313	1-1124-01HI	110307	1-1337-01BO	110890	1-1474-01BO	110911
2-2194	112312	1-1125-01	110693	1-1337-01MM	110611	1-1476-00BO	112777
2-2196	113526	1-1125-01HI	110693	1-1338-01BO	110890	1-1476-01BO	112777
2-2208	113538	1-1125-01MI	110693	1-1338-01BO	110912	1-1491-02ND	113051
2-2241	112244	1-1126-01	110630	1-1338-01MM	110912	1-1503-00ND	111193
2-2242	112150	1-1126-01HI	110630	1-1341-01MM	111035	1-1503-02ND	111193
2-2243	113476	1-1126-01MI	110630	1-1343-01BO	111148	1-1503-03ND	113055
2-2244	112832	1-1126-02HI	110630	1-1343-01IK	111035	1-1503-04ND	113056
2-2245	112568	1-1126-02MI	110630	1-1343-01MM	111035	1-1503-06ND	112833
2-2246	112831	1-1128-01	110632	11343N	115340	1-1504-00ND	113058
2-2247	112564	1-1128-01HI	110632	1-1347-01BO	111620	1-1504-01ND	113058
2-2251	112826	1-1128-01MI	110632	1-1349-01BO	110887	1-1504-02ND	113058
2-2252	112830	1-1136-01MI	112297	1-1351-01BO	112777	1-1507-01ND	111193
2-2253	112829	1-1138-01MI	110134	1-1351-02BO	112777	1-1507-02ND	111193
2-2266	112566	1-1142-01MI	110664	1-1352-01BO	110923	1-1510-01ND	111193
2-2324	113545	1-1142-01MI-2	110664	1-1352-01BO	111093	1-1511-01ND	113063
2-2339	112565	1-1145-01MI	110664	1-1355-01BO	110923	1-1522-01BO	111170
2-2407	113539	1-1147-01MI	110133	1-1356-01BO	112774	1-1523-01BO	111170
2-2502	113528	1-1148-01MI	110133	1-1360-01SV	110931	1-1524-01HI	110128
10932N	114516	1-1152-01MI	112270	1-1361-01PR	110931	1-1527-03ND	111193
10938N	114657	1-1153-01MI	110692	1-1363-01BO	112693	1-1532-01ND	110138
1-1015-01	110927	1-1156-01MI	110318	1-1366-01BO	111139	1-1534-01VA	110769
1-1017-01MI	111578	1-1159-01MI	110136	1-1368-01BO	112730	1-1535-01BO	111156
1-1017-01ND	111578	1-1160-01MI	111342	1-1369-01SV	111139	1-1537-01MI	111279
1-1018-01ND	110138	1-1166-02ND	110496	1-1372-01LU	110178	1-1537-02MI	111279
1-1019-01ND	110675	1-1167-01BO	110759	1-1374-01LU	110891	1-1538-01BO	111991
1-1022-01ND	111432	1-1167-01BO	111289	1-1375-00LU	111185	1-1539-00BO	111820
1-1023-01ND	111609	1-1169-01BO	111157	1-1375-01LU	111185	1-1539-01BO	111820
1-1025-01ND	111705	1-1173-01MI	110692	1-1376-01LU	111185	1-1539-02BO	111477
1-1026-01ND	111705	1-1177-01MI	110663	1-1377-01LU	111184	1-1539-03VA	111477
1-1026-01ND-2	111705	1-1177-01MI-2	110663	1-1378-01LU	110179	1-1546-01ND	111705
1-1027-01ND	110684	1-1186-01MI	110660	1-1386-01BO	111096	1-1549-01LU	110178
1-1028-01ND	111480	1-1187-01MI	110666	1-1387-01BO	111094	1-1551-01LU	110178
1-1033-01ND	110138	1-1189-01MI	110802	1-1387-01BO-1	111094	1-1552-01LU	113378
1-1036-01ND	113077	1-1191-01MI	110957	1-1387-01VA	111094	1-1556-01ND	110137
1-1036-01ND-2	113077	1-1191-01MI	112531	1-1387-01VA	112149	1-1557-01BO	110899
1-1037-01ND	110678	1-1198-01MI	110660	1-1392-00BO	110975	1-1565-01HI	110129
1-1039-01DR	110682	1-1199-01	110659	1-1395-01BO	110767	1-1566-01HI	110458
1-1039-01ND	110682	1-1199-01MD	110659	1-1395-01BO	110880	1-1567-01HI	110168
1-1039-01ND-2	110682	1-1200-01MI	110318	1-1395-01BO	111653	1-1572-01BO	111086
1-1039-02ND	110682	1-1207-02MD	110957	1-1398-01BO	110919	1-1575-01BO	111652
1-1042-01ND	111435	1-1207-02MI	110957	1-1398-01VA	110919	1-1578-01MI	110136
1-1043-01ND	111435	1-1208-01MI	110805	1-1399-01BO	111154	1-1584-00BO	111652
1-1050-02ND	110496	1-1209-01MI	110318	1-1400-01BO	112750	1-1584-01MO	111652
1-1051-01ND	110496	1-1227-01MD	110804	1-1402-01BO	110360	1-1585-00BO	110975
1-1053-01ND	110682	1-1227-01MI	110804	1-1403-00BO	110913	1-1585-00BO	111652
1-1053-01ND-2	110682	1-1228-01ND-1	110965	1-1404-01MO	110913	1-1585-01VA	111652
1-1054-01ND	110496	1-1229-01MI	111279	1-1407-01BO	110360	1-1586-00BO	110360
1-1056-01ND	110248	1-1229-02MI	111279	1-1418-01ND	111538	1-1587-00BO	110913
1-1062-01ND	110675	1-1230-01ND	110967	1-1419-01ND	111538	1-1588-01ND	113636
1-1062-02ND	110675	1-1236-01HI	110697	1-1420-01ND	112102	1-1593-02HI	110267
1-1063-01ND	111705	1-1237-01ND	110679	1-1421-01ND	111536	1-1596-01ND	111435
1-1064-01ND	110138	1-1240-01ND	110679	1-1423-01HI	110631	1-1600-01MI	111315
1-1076-01ND	111435	1-1242-01ND	110675	1-1423-01HI-2	110631	1-1600-01MI-2	111315
1-1077-01ND	113077	1-1250-21DR	111388	1-1426-01HI	111692	1-1605-01ND	112181
1-1085-01ND	110628	1-1250-31DR	110499	1-1427-01	111264	1-1606-01DR	112860
1-1090-01ND	110675	1-1250-32DR	110499	1-1427-01HI	111264	1-1607-01DR	112860
1-1092-01ND	113085	1-1250-33DR	110499	1-1427-01MI	111264	1-1609-30FD	112921
1-1094-01HI	110129	1-1253-01HI	110267	1-1428-01MI	111342	1-1609-31FD	112921
1-1096-01HI	110307	1-1257-01HI	111611	1-1429-01HI	111266	1-1609-32FD	112921
1-1103-01HI	110129	1-1257-01HI-2	111611	1-1431-10FD	111199	1-1611-10FD	112925
1-1103-01MI	110129	1-1263-01BO	110877	1-1431-11FD	111199	1-1611-11FD	112924
1-1104-01HI	110458	1-1264-01BO	111147	1-1431-12FD	111199	1-1611-12FD	112925
1-1105-01	112970	1-1264-01VA	110908	1-1432-01MD	111406	1-1611-13FD	112924
1-1105-01HI	112970	1-1265-01BO	111147	1-1432-01MI	111406	1-1612-30FD	112932
1-1105-01MI	112970	1-1267-01BO	110877	1-1434-01MD	110802	1-1612-31FD	112927
1-1109-01HI	110168	1-1273-01BO	110877	1-1434-01MI	110802	1-1612-32FD	112927
1-1111-01HI	110128	1-1276-01BO	112812	1-1434-01MI-2	110802	1-1613-10FD	111200
1-1111-01MI	110128	1-1282-01MO	110975	1-1436-01ND	110683	1-1613-11FD	111200
1-1112-01	110264	1-1283-24BO	111149	1-1447-01ND	112746	1-1613-12FD	111200
1-1112-01HI	110264	1-1291-01BO	111085	1-1449-01BO	111086	1-1613-13FD	111200
1-1112-01MI	110264	1-1293-01BO	110881	1-1450-01BO	111086	1-1613-14FD	111200
1-1113-01HI	110702	1-1297-01BO	112746	1-1451-01BO	110759	1-1613-32FD	112927

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O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>WAI Continued</b>							
1-1616-00FD	113236	1-1715-12DR	110492	1-1743-12DR	110508	1-1756-22DR	110233
1-1616-01FD	113236	1-1715-13DR	110235	1-1743-13DR	110508	1-1756-23DR	110233
1-1617-00FD	113236	1-1715-23DR	110235	1-1743-15DR	110508	1-1757-21DR	110233
1-1617-01FD	113236	1-1715-25DR	110492	1-1743-17DR	110508	1-1758-11DR	110233
1-1617-02FD	113236	1-1715-27DR	110492	1-1743-19DR	110508	1-1758-13DR	110233
1-1618-21FD	112931	1-1715-30DR	110235	1-1743-20DR	110508	1-1758-18DR	110233
1-1620-31FD	112932	1-1715-31DR	110235	1-1743-212DR	110508	1-1758-21DR	110233
1-1621-21DR	112338	1-1715-33DR	110235	1-1743-21DR	110508	1-1758-23DR	110233
1-1622-21DR	110500	1-1715-34DR	110235	1-1743-23DR	110508	1-1758-29DR	110233
1-1623-31DR	110498	1-1715-35DR	110235	1-1743-24DR	110508	1-1758-31DR	110233
1-1624-31DR	110498	1-1715-36DR	110235	1-1743-25DR	110508	1-1758-35DR	110233
1-1625-21DR	110499	1-1715-40DR	110235	1-1743-26DR	110508	1-1758-410DR	110233
1-1625-22DR	111388	1-1715-41DR	110235	1-1743-28DR	110508	1-1758-41DR	110233
1-1625-31DR	112264	1-1715-42DR	110235	1-1743-312DR	110508	1-1758-43DR	110233
1-1625-32DR	110499	1-1715-43DR	110235	1-1743-313DR	110508	1-1758-44DR	110233
1-1625-33DR	110499	1-1718-31DR	110235	1-1743-31DR	110508	1-1758-45DR	110233
1-1627-32DR	110499	1-1720-10DR	110235	1-1743-38DR	110508	1-1758-46DR	110233
1-1628-21DR	112338	1-1720-11DR	110235	1-1743-39DR	110508	1-1760-21DR	110233
1-1628-32DR	110500	1-1720-16DR	110235	1-1743-40DR	110508	1-1760-22DR	110233
1-1628-33DR	112640	1-1720-17DR	110235	1-1743-410DR	110508	1-1760-33DR	110233
1-1629-21DR	112338	1-1720-21DR	110235	1-1743-411DR	110508	1-1761-21DR	110505
1-1629-31DR	112629	1-1720-31DR	110235	1-1743-41DR	110508	1-1762-21DR	110505
1-1629-33DR	112640	1-1720-32DR	110235	1-1743-43DR	110508	1-1762-41DR	110505
1-1629-34DR	112640	1-1720-33DR	110235	1-1743-48DR	110508	1-1763-01ND	111579
1-1634-32DR	110502	1-1720-34DR	110235	1-1743-49DR	110508	1-1765-20FD	112936
1-1635-31DR	110503	1-1720-43DR	110235	1-1744-21DR	110471	1-1765-21FD	112936
1-1636-31DR	110503	1-1720-45DR	110235	1-1744-22DR	110508	1-1766-12DR	111711
1-1636-32DR	110503	1-1721-32DR	110235	1-1744-41DR	110508	1-1766-21DR	110500
1-1638-32DR	111090	1-1725-10DR	111713	1-1745-20DR	110508	1-1766-22DR	112639
1-1638-33DR	111090	1-1725-12DR	111713	1-1745-21DR	110508	1-1766-32DR	110500
1-1639-35DR	110984	1-1725-13DR	111713	1-1745-22DR	110471	1-1766-33DR	112640
1-1640-31DR	110984	1-1725-30DR	111713	1-1745-42DR	110508	1-1767-00DR	112448
1-1640-35DR	110984	1-1725-31DR	111713	1-1746-21DR	110508	1-1767-01DR	112448
1-1643-31DR	110985	1-1725-34DR	111713	1-1746-40DR	110508	1-1767-02DR	112448
1-1644-31DR	110985	1-1727-40DR	111713	1-1746-41DR	110508	1-1769-00DR	110234
1-1645-31DR	110986	1-1730-31DR	112888	1-1747-30DR	110508	1-1769-01DR	110234
1-1646-31DR	110986	1-1734-11DR	110508	1-1747-31DR	110508	1-1769-02DR	110234
1-1647-31DR	112636	1-1734-12DR	110508	1-1749-11DR	110471	1-1769-03DR	110234
1-1650-01DR	112447	1-1734-19DR	110508	1-1749-13DR	110471	1-1769-05DR	110234
1-1651-01DR	112447	1-1734-21DR	110508	1-1749-14DR	110471	1-1769-06DR	110234
1-1652-31DR	110984	1-1734-23DR	110508	1-1749-15DR	110471	1-1770-00DR	110234
1-1652-32DR	110502	1-1734-24DR	110508	1-1749-17DR	110471	1-1770-01DR	110234
1-1653-21DR	111220	1-1734-25DR	110508	1-1749-21DR	110471	1-1771-001R	112260
1-1659-31DR	110499	1-1734-40DR	110508	1-1749-22DR	110471	1-1771-00DR	112260
1-1665-31DR	110503	1-1734-41DR	110508	1-1749-24DR	110471	1-1772-00DR	112260
1-1666-31DR	110503	1-1734-44DR	110508	1-1749-26DR	110471	1-1772-01DR	112260
1-1668-22DR	110724	1-1734-46DR	110508	1-1749-32DR	110471	1-1772-01R	112260
1-1681-12DR	112880	1-1734-47DR	110508	1-1749-35DR	110471	1-1772-02DR	112260
1-1683-11DR	112880	1-1734-48DR	110508	1-1749-36DR	110471	1-1774-00DR	112303
1-1690-21DR	112884	1-1734-49DR	110508	1-1749-410DR	110471	1-1775-00DR	112303
1-1694-41DR	112886	1-1737-11DR	110508	1-1749-41DR	110471	1-1776-00DR	110300
1-1704-30FD	112933	1-1737-12DR	110508	1-1749-42DR	110471	1-1779-22DR	111388
1-1704-31FD	112933	1-1737-13DR	110508	1-1749-43DR	110471	1-1781-01DR	111854
1-1704-32FD	112933	1-1737-14DR	110508	1-1749-46DR	110471	1-1787-30FD	112835
1-1706-10DR	110492	1-1737-16DR	110508	1-1749-48DR	110471	1-1787-31FD	112835
1-1706-11DR	110492	1-1737-21DR	110508	1-1749-49DR	110471	1-1787-32FD	112835
1-1706-12DR	110492	1-1737-23DR	110508	1-1751-22DR	110471	1-1787-33FD	112835
1-1706-15DR	110492	1-1737-24DR	110508	1-1751-41DR	110471	1-1787-34FD	112835
1-1706-32DR	110492	1-1737-25DR	110508	1-1752-20DR	110471	1-1787-36FD	112835
1-1706-42DR	110492	1-1737-27DR	110508	1-1752-22DR	110471	1-1787-37FD	112835
1-1706-43DR	110492	1-1737-28DR	110508	1-1753-11DR	110471	1-1789-11FD	111252
1-1706-46DR	110492	1-1737-29DR	110508	1-1753-20DR	110471	1-1789-30FD	111252
1-1707-12DR	110724	1-1737-35DR	110508	1-1755-11DR	110233	1-1789-31FD	111252
1-1707-41DR	110235	1-1737-38DR	110508	1-1755-13DR	110233	1-1789-32FD	111252
1-1710-10DR	112988	1-1737-39DR	110508	1-1755-18DR	110233	1-1794-01FD	110237
1-1710-11DR	112988	1-1737-40DR	110508	1-1755-21DR	110233	1-1796-00FD	110237
1-1710-13DR	112988	1-1737-410DR	110508	1-1755-22DR	110233	1-1796-01FD	110237
1-1710-22DR	112988	1-1737-411DR	110508	1-1755-23DR	110233	1-1796-02FD	110237
1-1710-31DR	112988	1-1737-41DR	110508	1-1755-25DR	110233	1-1796-03FD	110237
1-1710-40DR	112988	1-1737-43DR	110508	1-1755-26DR	110233	1-1796-04FD	110237
1-1710-41DR	112988	1-1737-48DR	110508	1-1755-31DR	110233	1-1796-05FD	110237
1-1710-42DR	112988	1-1738-21DR	110508	1-1755-32DR	110233	1-1796-06FD	110237
1-1713-13DR	110492	1-1738-22DR	110471	1-1755-36DR	110233	1-1796-09FD	110237
1-1713-14DR	110492	1-1738-42DR	110508	1-1755-41DR	110233	1-1796-27FD	110237
1-1713-21DR	110492	1-1740-10DR	110508	1-1755-44DR	110233	1-1802-21DR	112613
1-1713-32DR	110492	1-1740-12DR	110508	1-1755-45DR	110233	1-1802-21DR-1	112613
1-1714-30DR	110492	1-1740-21DR	110508	1-1755-46DR	110233	1-1802-21DR-2	112613
1-1714-31DR	110492	1-1740-41DR	110508	1-1755-49DR	110233	1-1802-31DR	112614
1-1715-10DR	110235	1-1743-10DR	110508	1-1756-21DR	110233	1-1802-31DR-1	112614

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
1-1802-42DR-1	111223	1-1876-01MI	111285	1-1991-30FD	112939	1-2119-11HD	110620
1-1805-00FD	110238	1-1878-01HI	112977	1-1991-31FD	112939	1-2119-11ND	110620
1-1805-08FD	110238	1-1883-01ND	113076	1-1992-01MI	113027	1-2122-01ND	113628
1-1805-14FD	110238	1-1886-01MD	110802	1-1993-10FD	112944	1-2124-01HI	113374
1-1805-15FD	110238	1-1888-01ND	110563	1-1993-11FD	112944	1-2128-01MM	112025
1-1805-41FD	110238	1-1894-01MI	110927	1-1993-12FD	112944	1-2128-02MM	112025
1-1805-42FD	110238	1-1895-13DR	110984	1-1995-21DR	111712	1-2135-01DR	112806
1-1805-43FD	110238	1-1904-10FD	112942	1-1995-21DR-1	111712	1-2130-01VA	112683
1-1805-44FD	110238	1-1904-11FD	112942	1-1995-21DR-2	111712	1-2131-01VA	112687
1-1805-45FD	110238	1-1904-12FD	112942	1-1995-22DR	111712	1-2132-01ND	110629
1-1805-46FD	110238	1-1905-01ND	111578	1-1996-21DR	112893	1-2135-01DR	112869
1-1805-47FD	110238	1-1910-01BO	111369	1-1996-21DR-1	112893	1-2135-01DR-1	112869
1-1806-00FD	112914	1-1911-01BO	112557	1-2001-01HI	111704	1-2135-01DR-2	112869
1-1806-01FD	112914	1-1912-01DR	112989	1-2002-01HI	113197	1-2136-01DR	112869
1-1806-04FD	112914	1-1912-02DR	112989	1-2007-01ND	113069	1-2136-41DR	112873
1-1806-12FD	112914	1-1912-03DR	112989	1-2007-01ND-2	113069	1-2136-42DR	112873
1-1806-13FD	112914	1-1914-00DR	110937	1-2007-07ND	113069	1-2138-01ND	113081
1-1806-15FD	112914	1-1915-00DR	112994	1-2009-01ND	111705	1-2147-01MI	111806
1-1806-16FD	112914	1-1915-00DR-1	112994	1-2010-01CH	110236	1-2148-01ND	111779
1-1806-17FD	112914	1-1915-01DR	111232	1-2010-02CH	110236	1-2153-01MI	113310
1-1806-18FD	112914	1-1915-02DR	111232	1-2010-03CH	110236	1-2154-00DR	112834
1-1806-19FD	112914	1-1915-03DR	111232	1-2016-41FD	113765	1-2154-00DR-1	112834
1-1806-25FD	112914	1-1915-04DR	111232	1-2017-20FD	113765	1-2155-21DR	111712
1-1806-26FD	112914	1-1915-05DR	111232	1-2017-21FD	113765	1-2156-21DR	112665
1-1806-42FD	110239	1-1918-00DR	112993	1-2024-20FD	112946	1-2156-21DR-1	112665
1-1806-43FD	110239	1-1918-00DR-1	112993	1-2024-21FD	112946	1-2156-21DR-2	112665
1-1808-01BO	111479	1-1918-02DR	112996	1-2024-22FD	112946	1-2157-01ND	111779
1-1808-01VA	111479	1-1918-03DR	112996	1-2024-22-FD	112946	1-2158-31FD	112947
1-1809-01BO	111352	1-1918-04DR	112996	1-2028-01CH	110514	1-2158-31FD-1	112947
1-1809-01VA	111352	1-1922-11MO	110408	1-2030-30FD	112940	1-2158-31FD-2	112947
1-1810-01BO	112806	1-1928-01MI	111529	1-2030-31FD	112940	1-2162-01MI	110660
1-1812-01BO	112687	1-1929-01MI	112377	1-2032-20DR	110724	1-2170-41DR	112873
1-1813-01BO	111353	1-1930-01ND	113091	1-2038-01DR	111854	1-2170-42DR	112873
1-1813-01VA	111353	1-1931-01ND	111537	1-2040-41DR	112980	1-2171-01DR	111426
1-1814-01BO	112539	1-1936-01ND	111518	1-2044-00DR	112824	1-2173-11FD	112949
1-1814-02BO	112194	1-1937-00LN	110937	1-2044-00DR-1	112824	1-2173-11FD-1	112949
1-1814-11BO	112539	1-1938-01PR	111397	1-2045-01BO	112773	1-2173-11FD-2	112949
1-1815-00BO	112194	1-1939-01MI	110133	1-2046-20FD	112936	12174N-1G	110959
1-1815-01BO	112194	1-1940-01HI	113412	1-2046-21FD	112936	1-2175-31	111223
1-1816-01BO	112557	1-1940-02HI	113412	1-2048-11FD	112151	1-2176-01MI	113027
1-1818-01CH	110236	1-1945-01PR	111397	1-2054-01ND	113433	1-2188-01ND	113365
1-1818-04CH	110236	1-1946-01ND	110564	1-2055-01ND	113094	1-2188-01ND-2	113365
1-1818-05CH	110236	1-1947-01MD	110959	1-2057-00DR	113002	1-2191-01HI	113197
1-1820-01CH	110514	1-1948-01MD	111710	1-2059-01MD	111405	1-2193-01HI	113373
1-1820-02CH	110514	1-1949-01BO	111987	1-2061-01MI	111384	1-2197-21DR	112850
1-1821-01CH	110514	1-1950-01BO	112529	1-2062-01-1	112068	1-2202-01MD	111237
1-1825-01CH	110514	1-1950-03BO	112712	1-2062-MI	112068	1-2203-01MI	112362
1-1826-01CH	110514	1-1950-41VA	111369	1-2064-00DR	112824	1-2204-01MI	112328
1-1826-02CH	110514	1-1950-42BO	111369	1-2065-00DR	112824	12204N	114515
1-1827-01BO	112557	1-1950-42VA	112529	1-2065-00DR-1	112824	1-2206-21FD	112951
1-1829-01MI	111376	1-1950-44BO	111369	1-2065-00DR-2	112824	1-2206-21FD-2	112951
1-1831-01	111285	1-1950-45BO	110890	1-2071-01DR	112868	1-2208-01BO	112557
1-1831-01MI	111285	1-1951-01MD	110659	1-2071-01DR-1	112868	1-2208-02BO	112557
1-1831-01ND	111285	1-1952-01MD	110659	1-2071-01DR-2	112868	1-2209-11FD	112953
1-1833-01MI	111375	1-1955-01MI	110659	1-2073-01ND	112583	1-2209-11FD-2	112953
1-1834-01MD	111309	1-1956-01MI	111807	1-2075-01ND	113235	1-2211-01ND	111518
1-1835-01ND	112102	1-1957-01MI	111807	1-2076-01MI	111406	1-2212-01HI	111807
1-1835-ND	113244	1-1960-01MI	111495	1-2077-00DR	113001	1-2218-01DR	112874
1-1837-01ND	111482	1-1961-01MI	111279	1-2077-00DR-1	113001	1-2221-21DR	112853
1-1838-01ND	111517	1-1964-01ND	111705	1-2080-01ND	111468	1-2223-01MI	113322
1-1839-01ND	111518	1-1966-01ND	113077	1-2081-01ND	111518	1-2224-01ND	113358
1-1840-01ND	111678	1-1967-01ND	110496	1-2087-01ND	113071	1-2224-01ND-2	113358
1-1841-01LU	111948	1-1968-01ND	110967	1-2087-01ND-2	113071	1-2224-02ND	113358
1-1842-01DR	112641	1-1969-01ND	111610	1-2092-01HI	113371	1-2227-01ND	113362
1-1843-01ND	113081	1-1972-01ND	113067	1-2092-01HI-2	113371	1-2228-01ND	113325
1-1844-01BO	111676	1-1972-01ND-2	113067	1-2093-01HI	111726	1-2228-01ND-2	113325
1-1846-01BO	111369	1-1978-01ND	111518	1-2093-01MI	111726	1-2231-01HI	111381
1-1846-01VA	111354	1-1980-01ND	112101	1-2094-01MI	113035	1-2233-01MD	113652
1-1847-01BO	111076	1-1982-01ND	111579	1-2098-01HI	111381	1-2236-01ND	110445
1-1856-01ND	111965	1-1982-01ND-2	111579	1-2103-01HI	113375	1-2236-10ND	110445
1-1858-01ND	111428	1-1983-01ND	111468	1-2104-01MD	111807	1-2237-00BO	111888
1-1859-01ND	111435	1-1983-01ND-2	111468	1-2106-01MD	111787	1-2244-11BO	112078
1-1860-01ND	111435	1-1985-01DR	112615	1-2107-01MD	113360	1-2245-11BO	112072
1-1864-01ND	113089	1-1985-01DR-1	112615	1-2107-01MI	113360	1-2250-01BO	112426
1-1865-01ND	113078	1-1985-01-DR-2	112615	1-2108-01BO	111895	1-2251-01BO	113486
1-1866-01ND	113090	1-1988-10FD	112943	1-2109-11BO	111850	1-2252-11BO	112194
1-1873-01MD	111237	1-1988-11FD	112943	1-2112-01DR	112861	1-2252-31BO	112530
1-1873-01MI	111237	1-1988-12FD	112943	1-2115-01MI	111406	1-2252-42BO	111902
1-1874-01MI	111530	1-1988-13FD	112943	1-2118-01MI	112328	1-2253-01BO	112193

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>WAI Continued</b>							
1-2258-01BO	112530	1-2439-01ND	111018	20-1114	112160	20-142-34	110499
1-2261-01ND	113628	1-2440-01VA	112399	20-1120-40	111223	20-142-34-1	110499
1-2264-31FD	112954	1-2442-01MI	113439	20-1120-41	111223	20-145-20	112338
1-2271-01HI	113413	1-2446-01MD	113656	20-1121-20	112613	20-145-21	112338
12272N	112375	1-2447-01MI	112067	20-1121-21	112613	20-145-21-1	112338
1-2279-00DR	112834	1-2449-01HI	113372	20-1121-30	112614	20-145-30	112337
1-2280-00DR	112834	1-2451-01VA	111478	20-1121-31	112614	20-145-31	112337
1-2280-00DR-1	112834	1-2452-01BO	112075	20-1121-40	111223	20-145-31-1	112337
1-2281-00DR	112834	1-2454-01MM	112718	20-1121-42	111223	20-145-32	112640
1-2287-01ND	111796	1-2458-01ND	113715	20-1124-11	112860	20-145-33	112629
1-2288-01MD	112327	1-2462-31MD	110540	20-1124-11-9	112860	20-145-33-1	112629
1-2290-01DR	112615	1-2463-01MD	110540	20-1129-31	112888	20-146-31-1	111631
1-2290-01DR-1	112615	1-2466-01MD	113600	20-113	111713	20-148-30	110502
1-2291-00DR	112160	1-2471-01HI	110448	20-113-1	111713	20-148-31	110502
1-2291-00DR-1	112160	1-2474-01HI	113418	20-113-2	111713	20-149	112996
1-2292-00DR	112992	1-2476-01ND	111048	20-1132-10	111711	20-149-1	112996
1-2292-00DR-1	112992	1-2476-01ND	113921	20-1132-12	111711	20-150-30	110503
1-2293-00DR	112773	1-2477-01ND	111048	20-1132-12-1	111711	20-150-31	110503
1-2295-00DR	112996	1-2478-01ND	111048	20-1132-20	110500	20-150-31-1	110503
1-2296-00DR	112996	1-2478-01ND	113921	20-1132-21	110500	20-150-32	110503
1-2299-00DR	113432	1-2479-01MI	110802	20-1132-21-1	110500	20-151-30	111090
1-2299-00DR-1	113432	1-2480-01MI	113562	20-1132-22	112639	20-151-31	111090
1-2300-00DR	112996	1-2481-01HI	110694	20-1132-22-1	112639	20-151-31-1	111090
1-2300-00DR-1	112996	1-2484-01DR	113692	20-1132-30	112640	20-151-32	111090
1-2303-00DR	112264	1-2485-01DR	113685	20-1132-32	112640	20-152-10	110984
1-2306-01BO	112712	1-2488-01DR	113693	20-1132-33	112640	20-152-30	110984
1-2307-31MD	111710	1-2489-01DR	113694	20-1132-33-1	112640	20-152-32	110984
1-2308-31MD	110540	1-2490-01HI	113420	20-1135-20	111388	20-152-32-1	110984
1-2309-31MD	111710	1-2497-01ND	113607	20-1135-22	111388	20-152-33	110984
1-2310-31MD	111710	1-2499-01MI	113634	20-1135-22-1	111388	20-154	112995
1-2311-01BO	112709	1-2500-31BO	113531	20-1137-10	111854	20-154-1	112995
1-2312-01HI	112270	1-2501-01DR	113498	20-1137-11	111855	20-159-1	111250
1-2313-01HI	113347	1-2501-31BO	111843	20-1137-11-1	111854	20-159-9	111250
1-2315-01HI	113401	1-2516-01VA	112193	20-1138-11	112641	20-167-30	110985
1-2319-00LN	110937	1-2518-41BO	112170	20-1138-11-1	112641	20-167-31	110985
1-2320-21DR	112850	1-2519-01BO	112079	20-113-9	111713	20-167-31-1	110985
1-2332-01HI	112270	1-2520-01BO	111989	20-114-9	110492	20-168	110235
1-2333-00DR	112996	1-2521-01BO	113300	20-1149-40	112615	20-168-9	110235
1-2333-00DR-1	112996	1-2522-01BO	112193	20-1149-41	112615	20-170-30	110986
1-2334-00DR	112995	1-2525-01VA	111528	20-1150-10	111712	20-170-31	110986
1-2334-00DR-1	112995	1-2525-01VA	111658	20-1150-11	111712	20-170-31-1	110986
1-2334-00DR-2	112995	1-2558-00DR	113778	20-1156-21	112893	20-171-30	112636
1-2335-01ND	110620	1-2564-00LN	113739	20-1158-41	112980	20-171-31	112636
1-2336-01ND	111048	1-2608-01FD	113709	20-116-1	112988	20-171-31-1	112636
1-2336-01ND	113921	1-2621-01LU	111355	20-1163	112264	20-173-11-9	110724
1-2338-01FD	112956	1-2731-01MM	113537	20-1163-1	112264	20-173-21	110724
1-2338-11FD	112956	1-2766-01HI	112067	20-116-9	112988	20-173-21-9	110724
1-2344-00BO	111843	12782N	114379	20-117	112989	20-176-11	112880
1-2347-41ND	111048	1-2828-01HI	111381	20-117-1	112989	20-178	110591
1-2349-01FD	112958	1-2851-01ND	111215	20-118	110801	20-178-1	110591
1-2349-01FD-2	112958	1-2994-01BO	113352	20-118-1	110801	20-182-10	112447
1-2350-11FD	112959	1-2996-01DR	113691	20-121	111261	20-182-11	112447
1-2350-11FD-2	112959	1-3005-00BO	112773	20-121-1	111261	20-182-11-1	112447
12355N	113715	1-3045-01DR	113694	20-123	112448	20-184-30	110984
1-2356-01MI	110662	13068N	111397	20-123-1	112448	20-184-31	110984
1-2378-01MD	111309	1-3219-01LU	111739	20-124	112260	20-184-32	110502
1-2383-01VA	111946	17135N	111489	20-126	112303	20-186-20	111220
1-2385-01BO	111988	17315N	111404	20-126-1	112303	20-186-21	111220
1-2391-01MI	112270	17316N	111047	20-127	110300	20-186-21-1	111220
1-2392-01MI	111832	18266N	114674	20-127-1	110300	20-198-11	110682
1-2395-31BO	113489	18313N	114261	20-128	110300	20-199-30	110499
1-2399-01BO	112002	18886N	114182	20-129	110937	20-199-31	110499
1-2401-01DR	113498	20-101-1	110075	20-132	112265	20-202-9	110237
1-2403-01DR	113350	20-101-9	110075	20-132-1	112265	20-204-9	110238
1-2406-01ND	111517	20-102-2	110233	20-133	112262	20-206-30	112835
1-2410-11DR	110325	20-102-9	110233	20-133-1	112262	20-208-10	111252
1-2413-01HI	111264	20-104	110505	20-136-31	110503	20-208-30	112252
1-2414-11FD	112961	20-105	110471	20-139-20	112338	20-208-30-1	112842
1-2414-11FD-2	112961	20-106	110508	20-139-21	112338	20-210	113765
1-2419-01DR	112853	20-109	110508	20-141-30	110498	20-210-1	113765
1-2419-21DR	112853	20-110	110471	20-141-31	110498	20-221-10	111199
1-2419-21DR	113777	20-1100-21	112884	20-141-31-1	110498	20-221-10-1	111199
1-2428-00DR	113579	20-1104-41	112886	20-142-20	111388	20-221-10-2	111199
1-2429-00LN	113739	20-1108	113432	20-142-21	111388	20-221-11	111199
1-2429-00MO	113739	20-1108-1	113432	20-142-21-1	111388	20-221-11-1	111199
1-2430-01MI	111406	20-1109	112996	20-142-30	110499	20-221-11-2	111199
1-2432-01HI	113419	20-111	110235	20-142-31	110499	20-221-12	111199
1-2434-01MI	111344	20-1110	112994	20-142-33	110499	20-221-12-1	111199
1-2436-01ND	111048	20-1111	112993	20-142-33-1	110499	20-221-12-2	111199

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
20-222-31	113236	20-243-11	112944	2-1083-MI	110142	2-1245-BO	111127
20-222-32	113236	20-244-30	112940	2-1084-HI	110280	2-1246-MD	110807
20-224-30-1	112921	20-244-30-1	112940	2-1086	110277	2-1246-MI	110807
20-224-30-2	112921	20-244-30-2	112940	2-1086-HI	110277	2-1247-MD	110808
20-224-31-1	112921	20-244-31	112940	2-1086-MI	110277	2-1247-MI	110808
20-224-31-2	112921	20-244-31-1	112940	2-1087-HI	110277	2-1248-BO	111053
20-224-32	112921	20-244-31-2	112940	2-1088-HI	110386	2-1249-MI	110578
20-224-32-1	112921	20-247-10	112151	2-1089-HI	110386	2-1254-MI	112267
20-224-32-2	112921	20-247-11	112151	2-1092-MI	111728	2-1254-MI-2	112267
20-226-10	112924	20-501	110937	2-1093-HI	110279	2-1256-BO	110868
20-226-10-1	112924	20-501-1	110937	2-1093-MI	110279	2-1257-BO	110842
20-226-10-2	112924	20-502	110937	2-1094-1	110278	2-1258-BO	111052
20-226-11	112924	20-502-1	110937	2-1094-HI	110278	2-1259-BO	110772
20-226-11-1	112924	20-504	113740	2-1094-MI	110278	2-1259-BO	111052
20-226-11-2	112925	20-504-1	113740	2-1112-HI	110249	2-1260-BO	111052
20-226-12	112925	20-601	110427	2-1116-HI	111023	2-1262-BO	112533
20-226-12-1	112925	20-8101-1	113347	2-1117-HI	111459	2-1263-BO	111400
20-226-12-2	112925	20-8101-9	113347	2-1117-MI	111459	2-1264-BO	111052
20-226-13	112924	20-8102-1	112270	2-1118	111312	2-1267-BO	112172
20-226-13-1	112924	20-8102-9	112270	2-1118-HI	111312	2-1269-BO	111911
20-226-13-2	112925	20-8600	110959	2-1118-MI	110279	2-1269-MMM	111911
20-228-10	111200	20-8601	111710	2-1119-MI	111312	2-1270-BO	110368
20-228-10-1	111200	20-9102-1	110662	2-1121-MI	111485	2-1271-BO	110838
20-228-10-2	111200	20-9102-9	110662	2-1123-HI	111763	2-1272-BO	110869
20-228-11-1	111200	20-9103	110766	2-1128-MI	111608	2-1274-HI-1	110156
20-228-11-2	111200	20-9104	111649	2-1136-MI	110149	2-1275-BO	110869
20-228-12	111200	20-9104-1	111649	2-1138-MI	110578	2-1276-BO	111065
20-228-12-1	111200	20-9105	110766	2-1141-MI	110808	2-1278-BO	112295
20-228-12-2	111200	20-9107	110882	2-1142-MI	110149	2-1278-VA	111347
20-228-13	111200	20-9108-1	112742	2-1143-MI	110389	2-1279-BO	111851
20-228-13-1	111200	20-9300	112097	2-1144-MI	110808	2-1283-BO	111270
20-228-13-2	111200	20-9900	110639	2-1148-MI	110811	2-1285-BO	111054
20-228-14-1	111200	2-1000-MT	111442	2-1149-MD	110810	2-1287-BO	111112
20-228-14-2	111200	2-1000-ND	111442	2-1149-MI	110810	2-1288-BO	111489
20-230-30-1	113236	2-1002-ND-1	111546	2-1152MI	110810	2-1288-HI	110160
20-230-30-2	113236	2-1010-ND	113024	2-1152-MI	110810	2-1289-BO	111120
20-230-32-1	113236	2-1012-MT	110312	2-1153-MI	111557	2-1289-HI	111120
20-230-32-2	113236	2-1012-ND	110312	2-1154-MI	111557	2-1290-BO	111489
20-230-33-1	113236	2-1013-HI	110249	2-1156-FD	111183	2-1293-BO	110793
20-230-33-2	113236	2-1013-ND	110249	2-1161-MI	112215	2-1293-BO	111066
20-231-20-1	112931	2-1014-MT	111543	2-1164-FD	111844	2-1293-DU	110793
20-231-20-2	112931	2-1014-ND	111543	2-1165-FD	112030	2-1293-DU	111066
20-231-21	112931	2-1017-MT	111543	2-1166-MD	110315	2-1293-PR	110793
20-231-21-1	112931	2-1019-MT	113024	2-1166-MI	110315	2-1293-PR	111066
20-231-21-2	112931	2-1019-ND	113024	2-1166-MI-2	110315	2-1299-PR	111063
20-232-10-1	112993	2-1020-MT	112214	2-1168-MI	110158	2-1300-BO	110587
20-232-10-2	112993	2-1020-ND	112214	2-1169-MI	110809	2-1300-PR	110587
20-232-11-1	112993	2-1020-ND-1	112214	2-1170-MI	111461	2-1302-DU	110367
20-232-11-2	112993	2-1021-MT	111543	2-1173-MI	110315	2-1302-PR	110367
20-233-30-1	112932	2-1023-ND	110152	2-1174-MD	110811	2-1303-PR	110367
20-233-31	112932	2-1024-ND	110411	2-1174-MI	110811	2-1304-PR	110367
20-233-31-1	112932	2-1029-ND	110396	2-1176	111241	2-1305-DU	110866
20-234-30-1	112933	2-1029-ND-1	110396	2-1176-MD	111241	2-1305-PR	110866
20-234-30-2	112933	2-1030-ND	110396	2-1176-MI	111241	2-1308-BO	110585
20-234-31	112933	2-1031-ND	110396	2-1178-MD	111305	2-1308-DU	110585
20-234-31-1	112933	2-1034-ND	110260	2-1178-MI	111305	2-1308-PR	110585
20-234-31-2	112933	2-1035-ND	110621	2-1183-MD	110958	2-1310-PR	112295
20-234-32	112933	2-1037-ND	110708	2-1183-MI	110958	2-1312-BO	110341
20-234-32-1	112933	2-1040-ND	113097	2-1186-MI	110394	2-1313-PR	110835
20-234-32-2	112933	2-1043-ND	110399	2-1189-ND	111310	2-1315-MM	110338
20-236-20	112936	2-1046-ND	110386	2-1193-HI	110573	2-1318-BO	111106
20-236-20-1	112936	2-1047-ND	111386	2-1193-ND	111683	2-1325-LU	111865
20-236-20-2	112936	2-1050-ND	110397	2-1206-ND	111451	2-1328-LU	111103
20-236-21	112936	2-1056-ND	111544	2-1207-ND	111451	2-1336-LU-1	113171
20-236-21-1	112936	2-1057-ND	110709	2-1209-MI	111451	2-1340-BO	110363
20-236-21-2	112936	2-1058-ND	110323	2-1211-HI	111182	2-1342-BO	110997
20-238-10	112942	2-1065-ND	110713	2-1211-MI	111182	2-1343-BO	110824
20-238-11	112942	2-1073-ND	111682	2-1215-ND	111454	2-1343-PR	110824
20-240-20-2	110920	2-1075-ND	113168	2-1215-ND-1	111454	2-1351-BO	110864
20-241-30	112939	2-1076-HI	110277	2-1216-ND	111552	2-1353-BO	110858
20-241-30-1	112939	2-1076-MI	110277	2-1224-MI	110157	2-1358-BO	110996
20-241-30-2	112939	2-1079-1	110144	2-1225-MI	110157	2-1359-BO	111061
20-241-31	112939	2-1079-HI	110144	2-1230-PR	112541	2-1360-BO	110865
20-241-31-1	112939	2-1079-MI	110144	2-1231-BO	111490	2-1361-BO	111069
20-241-31-2	112939	2-1081-MI	110142	2-1232-MI	111349	2-1362-BO	111069
20-242-10	112943	2-1082-HI	110280	2-1232-MI-2	111349	2-1363-BO	111010
20242-11	112943	2-1082-MI	110280	2-1238-ND	111310	2-1363-MI	110824
20-242-11	112943	2-1083-1	110142	2-1239-MI	110394	2-1365-BO	111060
20-243-10	112944	2-1083-HI	110142	2-1244-MI	110394	2-1367-BO	111059

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>WAI Continued</b>							
2-1372-BO	111059	2-1542-HI	111312	2-1691-DR-2	111786	2-1799-FD	112646
2-1373-BO	111059	2-1543-ND	110323	2-1692-DR	112904	2-1799-FD-1	112646
2-1374-BO	112131	2-1545-MI	110810	2-1692-DR-1	112904	2-1800-FD	112586
2-1376-BO	112131	2-1545-MI-2	110810	2-1692-DR-2	112904	2-1800-FD-1	112586
2-1378-BO	111010	2-1546-MI	111311	2-1693-ND	111455	2-1803-BO	111755
2-1378-MM	111010	2-1547-MI	113044	2-1694-HI	111382	2-1805-RO	110640
2-1382-ND	111492	2-1548-MI	110158	2-1695-ND	111492	2-1806-FD	111183
2-1382-ND-1	111492	2-1549-MI	111310	2-1695-ND-2	111492	2-1806-FD-1	111183
2-1383-ND	111456	2-1550-MI	110933	2-1698-ND	111784	2-1807-ND	113116
2-1384-BO	111425	2-1552-MI	113141	2-1700-ND	111984	2-1807-ND-2	113116
2-1385-BO	111425	2-1553-MI	113141	2-1700-ND-1	111984	2-1809-DR	112897
2-1385-ND	111425	2-1554-MI	113141	2-1700-ND-2	111984	2-1810-DR	111127
2-1386-BO	111425	2-1554-MI-1	113141	2-1702-ND	113108	2-1811-DR	112906
2-1387-BO	111425	2-1557-FD	112584	2-1702-ND-1	113108	2-1811-DR-2	112906
2-1392-BO	111456	2-1558-FD	111370	2-1703-ND	113109	2-1814-DR	112900
2-1393-ND	111456	2-1559-FD	111370	2-1704-ND	111550	2-1814-DR-1	112900
2-1394-BO	111456	2-1560-HI	112986	2-1704-ND-1	111550	2-1816-BO	112459
2-1394-ND	111456	2-1561-ND	113402	2-1708-ND	111783	2-1819-DR	112907
2-1394-ND-1	111456	2-1567-FD	112592	2-1719-FD	111374	2-1819-DR-1	112907
2-1398-ND	111764	2-1571-CH	110223	2-1719-FD-1	111374	2-1819-DR-2	112907
2-1398-ND-2	111764	2-1572-CH	110222	2-1720-BO	111851	2-1828-ND	113171
2-1401-ND	111442	2-1575-CH	110223	2-1722-BO	110847	2-1832-ND	111784
2-1402-MI	111182	2-1578-DR	112897	2-1723-HI	110332	2-1834-ND	111550
2-1404-ND	111544	2-1580-DR	112341	2-1724-HI	110156	2-1835-ND	113244
2-1404-ND-1	111544	2-1581-DR	112341	2-1724-HI-1	110156	2-1837-ND	113119
2-1405-ND	110713	2-1583-DR	113126	2-1726-ND	110627	2-1837-ND-2	113119
2-1412-DR	112911	2-1585-ND	111492	2-1727-MI	110292	2-1838-ND	113173
2-1413-DR	111034	2-1588-ND	113169	2-1728-MI	110182	2-1840-ND	113665
2-1419-FD	111374	2-1589-ND	113169	2-1729-MI	110283	2-1847-MI	112368
2-1421-ND	110421	2-1590-DR	112897	2-1733-MI	110415	2-1847-MI	112368
2-1430-BO	110336	2-1590-DR-1	112897	2-1735-HI	110160	2-1848-MI	113045
2-1430-LU	110336	2-1590-DR-2	112897	2-1736-HI-1	110617	2-1850-MI	111970
2-1435-ND	111451	2-1591-DR	112897	2-1737-ND	110626	2-1851-MD	110149
2-1439-ND	110411	2-1592-DR	112897	2-1739-ND	113114	2-1854-MI	111552
2-1443-MI	112845	2-1593-DR	110216	2-1740-MI	110256	2-1855-HI	111098
2-1443-MI-2	112845	2-1593-DR-2	110216	2-1741-1	110155	2-1856-HI	111382
2-1444-MI	111108	2-1594-DR	110216	2-1741-HI	110155	2-1858-MD	111307
2-1445-MI	111475	2-1595-DR	111258	2-1741-MI	110155	2-1859-MI	111451
2-1447-BO	111751	2-1596-DR	111258	2-1742-ND	110486	2-1860-MI	113038
2-1449-BO	111061	2-1604-DR	110216	2-1743-ND	110485	2-1861-MI	113040
2-1457-BO	111400	2-1605-DR	110216	2-1744-ND	110934	2-1862-MI	111971
2-1459-ND	111456	2-1607-DR	110216	2-1745-ND	113131	2-1863-MI	111312
2-1459-ND-2	111456	2-1608-DR	110218	2-1746-ND	110486	2-1864-MI	113139
2-1460-BO	110865	2-1609-DR	110218	2-1748	112276	2-1867-MT	113392
2-1464-PR	111114	2-1612-MI	113668	2-1748-MI	112276	2-1868-MT	113398
2-1469-VA	110856	2-1613-MI	111305	2-1748-MI-1	112276	2-1869-MT	113408
2-1470-DR	111034	2-1614-ND	110411	2-1749-DR	112267	2-1872-HI	111706
2-1473-DR	111034	2-1622-ND	110152	2-1750-ND	110942	2-1873-BO	111347
2-1474-DR	111786	2-1624-ND	110152	2-1753-ND	113428	2-1874-BO	111131
2-1474-DR-2	111786	2-1625-DR	112341	2-1754-ND	110490	2-1875-VA	112440
2-1476-DR	111786	2-1629-DR	112341	2-1755-FD	112340	2-1877-DR	112667
2-1477-DR	111127	2-1631-DR	112267	2-1755-FD-1	112340	2-1878-DR	112253
2-1479-DR	112898	2-1634-FD	110230	2-1756-FD	112235	2-1878-LN	112253
2-1480-DR	112904	2-1642-FD	112965	2-1756-FD-1	112235	2-1884-FD-1	112296
2-1481-DR	112897	2-1645-FD	112963	2-1758-DR	111786	2-1885-FD	111844
2-1481-DR-2	112897	2-1649-FD	112016	2-1759-DR	111699	2-1885-FD-1	111844
2-1487-DR	110221	2-1651-NK	112649	2-1760DR	111699	2-1887-FD	112588
2-1489-DR	112910	2-1668-FD	110227	2-1760-DR-2	111699	2-1887-FD-1	112588
2-1494-DR	112911	2-1672-FD	110224	2-1761-ND	110149	2-1889-BO	112555
2-1498-DR	112898	2-1674-FD	110226	2-1764-BO	111347	2-1890-BO	111900
2-1500-DR	110414	2-1676-FD	110225	2-1765-BO	111865	2-1894-FD	113222
2-1506-DR	110221	2-1677-FD	110225	2-1766-HD	111835	2-1894-FD-1	113222
2-1508-DR	110414	2-1678-FD	110229	2-1767-HD	111836	2-1896-MI	111305
2-1510-DR	110221	2-1679-FD	110228	2-1771-MI	112846	2-1899-BO	111865
2-1512-DR	110221	2-1680-FD	110225	2-1772-MI	113136	2-1902-BO	112034
2-1513-DR	112910	2-1681-BO	111396	2-1772-MI-2	113136	2-1904-BO	112286
2-1516-DR	110221	2-1682-ND	110154	2-1774-MI	111552	2-1906-MI	113638
2-1526	113725	2-1684-FD	110509	2-1776-HI	110820	2-1907-BO	110771
2-1526-ND	113725	2-1686-FD	110231	2-1780-MI	111300	2-1908-BO	110536
2-1529-ND	111713	2-1688-DR	112898	2-1781-MI	110947	2-1910-FD	112608
2-1531-BO	112167	2-1688-DR-1	112898	2-1782-MI	112301	2-1910-FD-1	112608
2-1532-BO	111749	2-1688-DR-2	112898	2-1783-MI	111310	2-1913-MI	113129
2-1534-BO	111748	2-1689-DR	112897	2-1789-DR	111786	2-1913-MI-1	113129
2-1535-BO	112166	2-1689-DR-1	112897	2-1790-DR	112911	2-1914-FD	113222
2-1536-BO	112309	2-1689-DR-2	112897	2-1791-ND	111837	2-1916-HI	110485
2-1536-MM	112309	2-1690-DR	112240	2-1796-DR	112912	2-1921-BO	112171
2-1537-BO	112818	2-1690-DR-1	112240	2-1796-DR-9	112912	2-1923-BO	113613
2-1539-BO	112553	2-1690-DR-2	112240	2-1797-DR	112898	2-1924-HI	110156
2-1541-HI	110249	2-1691-DR	111786	2-1798-MT	110312	2-1925-BO	112041

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
2-1927-MM	111400	2-2075-UT	110241	2-2198-FD	111374	2-2569-MI	112177
2-1929-ND	110245	2-2076-UT	110648	2-2200-DR	112906	2-2609-BO	113468
2-1930-ND	110421	2-2077-UT	110649	2-2203-ND	113172	2-2640-FD	112821
2-1931-ND	111839	2-2078-UT	110240	2-2204-BO	111855	2-2642-UT	113015
2-1940-MT	113398	2-2079-ND-2	113214	2-2207-DR	112169	2-2646-ND	113597
2-1941-MT	110312	2-2079-UT	110644	2-2207-DR-1	112169	2-2656-ND	112547
2-1943-ND	113242	2-2080-UT	110647	2-2209-ND	111197	2-2663-UT	113594
2-1943-ND-2	113242	2-2081-UT	110650	2-2211-DR	112902	2-2685-MT	113821
2-1945-BO	112321	2-2082-UT	110636	2-2211-DR-2	112902	2-2687-LU	110465
2-1946-BO	111855	2-2083-UT	110949	2-2214-ND	112489	2-2687-LU-1	110465
2-1948-HI	112373	2-2084-BO	111769	2-2215-FD	113703	2-2723-MI	113231
2-1951-NK	112649	2-2085-BO	112074	2-2220-MI	113194	2-2696-MI	113795
2-1951-NK-1	112649	2-2086-MI	111300	2-2227-MI	111703	2-2705-ND	110485
2-1952-MI	111971	2-2087-MI	112323	2-2229-MI	110576	2-2709-ND	113214
2-1954-DR	112241	2-2087-MI-1	112323	2-2230-HI	110723	2-2723-MI	113819
2-1954-DR-2	112241	2-2088-MI	111005	2-2231-HI	110723	2-2746-ND-2	113828
2-1958-ND	113649	2-2090-MI	110421	2-2232-ND	113206	2-2756-UT	113017
2-1960-ND	110938	2-2095-DR	112906	2-2233-HI	113675	2-2804-DR	113550
2-1960-ND	110940	2-2095-DR-2	112906	2-2235-HI	110574	2-2808-ND	112089
2-1963-MI	111275	2-2099-ND	113132	2-2237-MI	112342	2-2855-UT	113854
2-1966-MI	111349	2-2100-HI	111247	2-2237-MI-1	112342	2-2891-MI	113830
2-1968-MI	111730	2-2101-MI	113210	2-2238-ND	111387	2-2911-UT	110654
2-1969-MD	113638	2-2102-MI	111272	2-2239-ND	113239	2-3000-BO	113181
2-1970-MD	113521	2-2103-MI	111913	2-2243-UT	113476	2-3005-BO	113900
2-1971-ND	113629	2-2105-ND	110580	2-2244-UT	112832	2-3030-BO	111332
2-1972-ND	113244	2-2106-ND	110581	2-2245-UT	112568	2-3071-BO	113277
2-1974-BO	111900	2-2107-ND	110720	2-2246-UT	112831	2-3076-BO	111638
2-1975-BO	112005	2-2108-ND	113130	2-2248-PR	111047	2-3189-BO	113182
2-1977-BO	110847	2-2112-DR	112241	2-2251-UT	112826	23-233-31-2	112932
2-1979-BO	112818	2-2112-DR-2	112241	2-2252-UT	112830	31-100	112413
2-1981-ND	113120	2-2113-DR	112904	2-2253-UT	112829	32580N	114051
2-1981-ND-2	112120	2-2113-DR-2	112904	2-2260-VA	113659	32638N	113303
2-1984-ND	112367	2-2114-DR	112907	2-2261-BO	111851	48-0955	110636
2-1988-BO	111848	2-2116-BO	111909	2-2263-ND	113237	49-0955	110636
2-1989-MD	113020	2-2123-UT	111700	2-2264-HI	111247	50-100	110436
2-1990-MD	113020	2-2124-UT	110510	2-2271-DR	112232	50-100-1	110436
2-1991-MI	112300	2-2125-UT	110510	2-2276-ND	111224	50-100-2	110436
2-1994-BO	113387	2-2127-UT	111701	2-2278-ND	110436	50-103	110999
2-1996-MI	110572	2-2129-UT	110510	2-2281-LU	110565	50-103-1	110999
2-1997-BO	111911	2-2130-HI	111840	2-2282-LU	112136	50-103-2	110999
2-1999-DR	112239	2-2136-DR	111848	2-2283-BO	110521	50-104	111000
2-1999-DR-2	112239	2-2137-DR	111684	2-2284-BO	110520	50-104-1	111000
2-2000-MT	113394	2-2138-ND	111765	2-2285-BO	112037	50-104-2	111000
2-2001-DR	113550	2-2139-DR	112902	2-2292-LU	110819	50-105	112341
2-2002-BO	111030	2-2140-DR	112898	2-2293-LU	110462	50-105-9	112341
2-2003-MI	113618	2-2140-DR-2	112898	2-2294-VA	113478	50-108	112089
2-2006-HI	110412	2-2141-DR	112905	2-2295-LU	110464	50-108-1	112089
2-2007-HI	110552	2-2141-DR-2	112905	2-2296-LU	110444	50-108-2	112089
2-2008-HI	112478	2-2142-DR	112898	2-2297-BO	110524	50-111	110347
2-2009-HI	113408	2-2142-DR-2	112898	2-2298-BO	113534	50-111-1	110347
2-2011-HI	112659	2-2143-DR	112240	2-2299-BO	112670	50-111-2	110347
2-2012-HI	111586	2-2143-DR-2	112240	2-2300-LU	110442	50-114	111786
2-2014-HI	110719	2-2144-DR	112899	2-2301-LU	110443	50-116	110414
2-2015-HI	112674	2-2144-DR-2	112899	2-2302-LU	110439	50-121	110221
2-2016-HI	112374	2-2145-ND	111765	2-2303-LU	112660	50-124	110221
2-2018-NK	110556	2-2145-ND-9	111765	2-2304-LU	111573	50-125	110221
2-2022-DR	112546	2-2147-9	111915	2-2318-HI	112371	50-127	112911
2-2022-ND	112546	2-2151-9	111918	2-2321-HI	113191	50-133	110221
2-2024-MI	111273	2-2167-HI	111766	2-2322-DR	111699	50-139	112910
2-2026-HI	110462	2-2168-HI	112008	2-2322-DR-2	111699	50-139-9	112910
2-2033-MI	113638	2-2169-ND	111845	2-2323-DR	113679	50-141	110221
2-2035-ND	113663	2-2171-01ER	111732	2-2323-DR-2	113679	50-150	110436
2-2036-ND	110447	2-2175-UT	111012	2-2325-BO	110813	50-150-1	110436
2-2037-HI	110616	2-2178-MT	111927	2-2333-ND	110942	50-150-2	110436
2-2038-LU	110438	2-2179-MT	111924	2-2335-ND	110961	50-151	111000
2-2041-BO	111755	2-2179-MT-9	111924	2-2340-LU	110460	50-151-1	111000
2-2042-BO	112173	2-2181-MT	111921	2-2341-BO	112429	50-151-2	111000
2-2047-ND	113172	2-2181-MT-9	111921	2-2342-MI	113642	50-151-3	111000
2-2050-ND	113630	2-2182-MT	111923	2-2347-DR-1	113550	50-152	110999
2-2054-DR	112902	2-2182-MT-9	111923	2-2355-BO	111851	50-152-1	110999
2-2054-DR-1	112902	2-2183-9	113527	2-2355-BO	112440	50-152-2	110999
2-2054-DR-2	112902	2-2183-MT	113527	2-2355-BO-1	111851	50-153	112089
2-2057-ND	113314	2-2184-MT	111926	2-2355-BO-1	112440	50-153-1	112089
2-2058-ND	113314	2-2186-MT	111922	2-2375-DR-1	113827	50-153-2	112089
2-2060-ND	113620	2-2186-MT-9	111922	2-2401-BO	113613	50-154-9	111221
2-2062-HI	111382	2-2187-9	111928	2-2403-BS	113853	50-157-9	112267
2-2068-VA	111851	2-2194-25	112312	2-2413-UT	110648	50-159	111224
2-2073-UT	111043	2-2195-UT	112567	2-2432-UT	113593	50-159-1	111224
2-2074-UT	110645	2-2197-ND	112276	2-2553-BO	112534	50-159-2	111224

## STARTERS & ALTERNATORS

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>WAI Continued</b>							
50-160	112243	50-8426-1	110602	1UY-81890-11	113545	121254-77010	112374
50-160-1	112243	50-8428	112667	1YW-81800-50	113545	121254-77011	112374
50-160-2	112243	50-8428-1	112667	1YW-81800-50-00	113545	121254-77012	112374
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Tel. 02739 403040 · Fax 02739 4030420  
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**ITALY**

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**POLAND**

Tel. 61 8400940  
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**USA**

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Fax +1-770-236-0310  
[customerhelp@us.bosch.com](mailto:customerhelp@us.bosch.com) [cargo@cargo-us.com](mailto:cargo@cargo-us.com)

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Tel. + 45 76 14 33 00 · Fax + 45 76 14 33 33  
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