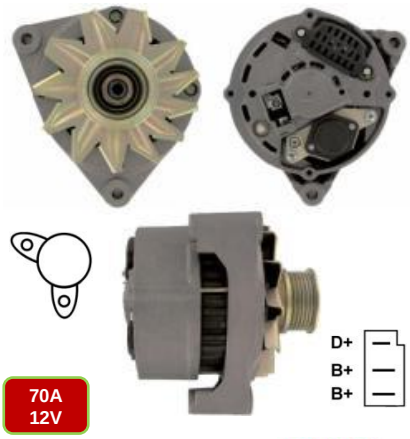


70A 12V

Informação Técnica BOSCH

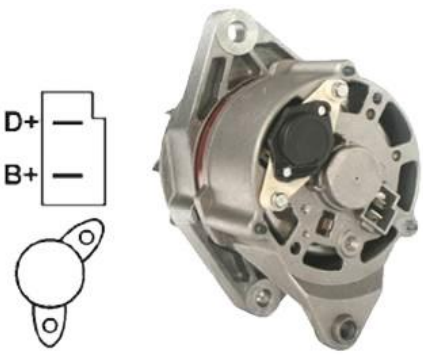
REFERÊNCIAS BOSCH:
0120488126, 0120489321, 0120489322, 0120489325, 0120489326, 0120489327, 0120489328, 0120489329, 0120489330

APLICAÇÕES:

MERCEDES
- ✓ 190 Diesel Turbo → 93
- ✓ 190E 1.8/2.0/2.3 → 93
- ✓ 200/220/230 → 93
- ✓ 250/300 Diesel (Turbo) W124 → 93
- ✓ E200 Diesel W124 → 95
- ✓ E250/300 Diesel (Turbo) W124 → 95

COMPONENTES:
Placa – 130603, Regulador – 132980, Polia – 131845

Ref.	06.111093	06.20100721



33A 12V

Informação Técnica BOSCH

REFERÊNCIAS BOSCH:
0120339515, 0120339516, 0120339527, 0120339528

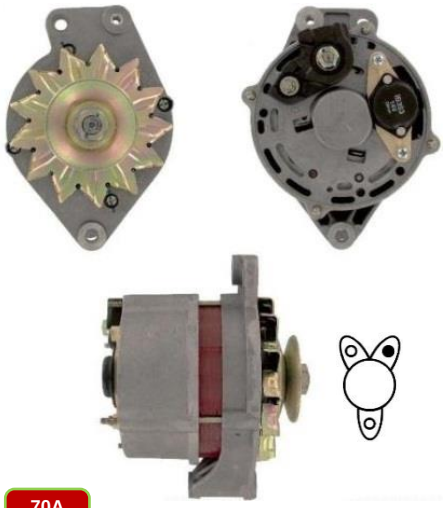
APLICAÇÕES:

FIAT
- ✓ 420
- ✓ 500S
- ✓ 540
- ✓ 127
- ✓ 128
- ✓ Fiorino

SAME

FIAT-ALLIS

Ref.	06.111180	06.505002033



70A 14V

Informação Técnica BOSCH

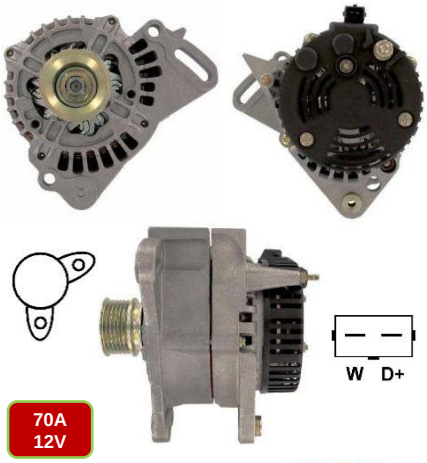
REFERÊNCIAS BOSCH:
0120488196, 0120488198: 0120488199, 0120488237, 0120488240, 0120489198, 0120489240, 0120489374, 0120489375, 0120489442

APLICAÇÕES:

SEAT
- ✓ Ibiza 1.3i→99

VOLKSWAGEN
- ✓ Golf I+II 1.0/1.1/1.3 → 92
- ✓ Golf I+II 1.5/1.6 Turbo Diesel → 92

Ref.	06.111288	06.305024065+



70A 12V

Informação Técnica BOSCH

REFERÊNCIAS BOSCH:
0120335010, 0120485034, 0123110002, 0123114005, 0123310002, 0123310020, 0123315001, b120310087, b120411204

APLICAÇÕES:

SEAT
- ✓ Ibiza 1.8/2.0 16V
- ✓ Ibiza 1.9 Turbo Diesel
- ✓ Toledo 1.6/1.8 → 98
- ✓ Toledo 1.9 Turbo Diesel

VOLKSWAGEN
- ✓ Golf III → 95
- ✓ Passat → 97
- ✓ Polo

Ref.	06.111352	06.305501090

65A 12V

Informação Técnica BOSCH

REFERÊNCIAS BOSCH:
0120488205, 0120488293, 0120489475, F005A00023

APLICAÇÕES:

CASE
- ✓ 110/120/135
- ✓ 450/455/480 → 94
- ✓ 580 → 94
- ✓ 850 → 94
- ✓ 1150/1155/1550 → 94
- ✓ 5120/5130/5140

Ref.	06.111888	06.20110305

Consultar Index

90/120A* 12V

Informação Técnica BOSCH

REFERÊNCIAS BOSCH:
0124515010, 0124515012, 0124515110, 0124515117, 0124515121, 0124515124, 0124515125

APLICAÇÕES:

AUDI
- ✓ A3 1.6/1.8 Turbo →00
- ✓ A3 1.9 TDi

SEAT
- ✓ Cordoba 1.7 SDi/1.9 SDi/TDi
- ✓ Ibiza 1.9 SDi/TDi
- ✓ Leon 1.8/1.9 TDi/2.8
- ✓ Toledo 1.9 TDi/2.3

SKODA
- ✓ Fabia 1.9 SDi
- ✓ Octavia 1.6/1.8 Turbo/1.9 TDi/2.0

VOLKSWAGEN
- ✓ Beetle 1.6/1.9 TDi/2.0/2.3 V5

Ref.	06.112002	06.305518120

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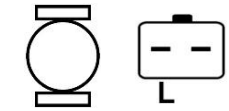


*Consultar Index

87/98A*
12V

Informação Técnica BOSCH

REFERÊNCIAS BOSCH:
0124325024, 0124325031, 0124325185, 0124415007, 0124415013, 0124415014, 0124415040, 0124415041

APLICAÇÕES:

RENAULT
- ✓ Scénic 1.4/1.6 16V
- ✓ Megane 1.4/1.6 16V
- ✓ Laguna 1.6 16V
- ✓ Clio 1.4 16V→00
- ✓ Clio 1.6 16V

Ref.	06.112144	06.575571098

*Consultar Index

80/100A*
24V

Informação Técnica BOSCH

REFERÊNCIAS BOSCH:
0120468053, 0120468107, 0120468113, 0120468115, 0120468117, 0120468118, 0120468137, 0120468138, 6033gb3006, 6033gb3054, B120500755

APLICAÇÕES:

RENAULT
- ✓ Comercial→ 96
- ✓ RVI Magnum

MERCEDES
- ✓ Comercial

DAF

MAN

COMPONENTES:
Placa – 136832, Regulador – 132903, Colector – 133402, Escovas – BX204

Ref.	06.112159	06.556025080+

70A
12V

Informação Técnica BOSCH NISSAN

REFERÊNCIAS BOSCH / NISSAN:
9120334635 / 23100-g9904

APLICAÇÕES:

NISSAN
- ✓ Patrol 2.8 D→ 95

COMPONENTES:
Placa – 133997, Regulador – 132665, Colector – 133402, Polia – 134684
Rolamentos – 140093

Ref.	06.112207	06.165602070+

70A
12V

Informação Técnica BOSCH

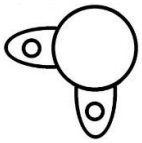
REFERÊNCIAS BOSCH:
0120335011, 0120335012, 0986038740

APLICAÇÕES:

CITROEN
- ✓ Jumper 1.9 Diesel
- ✓ Xantia 1.9/2.1 Turbo Diesel
- ✓ ZX 1.8/1.9/1.9 Turbo Diesel

PEUGEOT
- ✓ 306 Turbo Diesel
- ✓ 405 Turbo Diesel
- ✓ Boxer 1.9 Turbo Diesel
- ✓ Boxer 2.0 Diesel

Ref.	06.112292	06.225502070+



120A
12V

Informação Técnica BOSCH

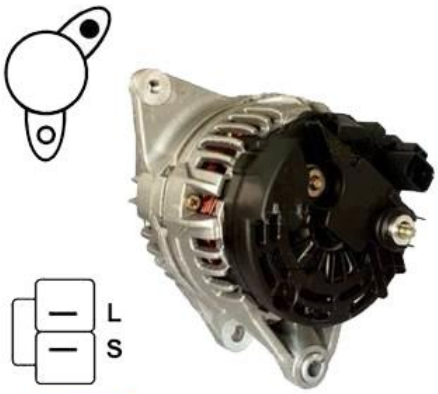
REFERÊNCIAS BOSCH:
0124515026, 0124515083

APLICAÇÕES:

AUDI
- ✓ A4 1.9 TDi
- ✓ A6 1.9 TDi

VOLKSWAGEN
- ✓ Passat 1.9 TDi

Ref.	06.112397	06.305525120



90A
12V

Informação Técnica BOSCH MITSUBISHI

REFERÊNCIAS BOSCH / MITSUBISHI:
0124325008, md257744, md357744

APLICAÇÕES:

MITSUBISHI
- ✓ Space Star 1.3 16V
- ✓ Space Star 1.6 16V

Ref.	06.112418

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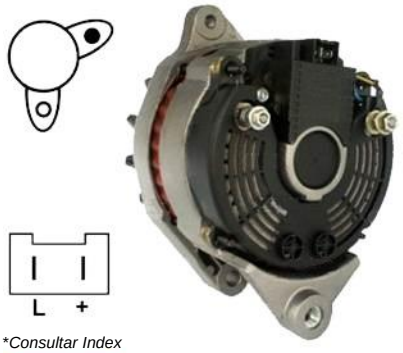

*Consultar Index

60/70A
12V

Informação Técnica BOSCH Valeo

REFERÊNCIAS BOSCH / VALEO:
9120144302, 9120144303, 2541117, 2541257, a13n157

APLICAÇÕES:

RENAULT
- ✓ 19 RN/RL/RT → 95
- ✓ 19 TS/GTS/TSE/GTE → 92
- ✓ CLIO 1.2 RL/RN/RT
- ✓ CLIO 1.4 RL/RN/RT/Baccara

Ref. 06.112756 ■ 06.575025070

55A
24V

Informação Técnica BOSCH

REFERÊNCIA BOSCH:
0120469032

APLICAÇÕES:

VOLVO
- ✓ FLC 140 4.0 → 00

Ref. 06.113186

140A
12V

Informação Técnica BOSCH Valeo

REFERÊNCIAS BOSCH / VALEO:
0124525010, 0124525089, 2542496, sg14b011

APLICAÇÕES:

AUDI
- ✓ A4 1.9 TDi → 04
- ✓ A6 1.9 TDi → 05

VOLKSWAGEN
- ✓ Passat 1.9 TDi/2.0 TDi → 05

Ref. 06.113252

150A
12V

Informação Técnica BOSCH

REFERÊNCIA BOSCH:
0124525035

APLICAÇÕES:

CITROEN
- ✓ C2 1.4 HDi
- ✓ C3 1.4 HDi/1.6HDi
- ✓ C4 1.6 HDi/2.0 HDi
- ✓ C5 1.6 HDi/2.0 HDi/2.2 HDi
- ✓ Jumpy, Xsara Picasso 1.6 HDi

PEUGEOT
- ✓ 206 1.6 HDi
- ✓ 306 1.6 HDi/ 2.0 HDi, 307 2.0 HDi
- ✓ 407 1.6/2.0 HDi, 607 2.2 HDi

COMPONENTES:
Placa – 233469, Regulador – 234770
Polia – 234127

Ref. 06.113640 ■ 06.225528150

120A
12V

Informação Técnica BOSCH

REFERÊNCIA BOSCH:
0123515003

APLICAÇÕES:

AUDI
- ✓ A4 1.9 TDi → 00

VOLKSWAGEN
- ✓ Passat 1.9 TDi → 00

Ref. 06.113770 ■ 06.ALT10181

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12V

Informação Técnica BOSCH

REFERÊNCIAS BOSCH:
0120484049, 9120060023, 9120060028, 9120060038

APLICAÇÕES:
Thermo King

Ref. 06.1-9127-03

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12V

Informação Técnica Lucas

REFERÊNCIAS LUCAS:
23544, 23548, 23548

APLICAÇÕES:
AUSTIN
✓ Mini 1.0/1.3 → 91
LAND-ROVER
✓ LR 2.3→ 86
FORD
✓ Fiesta 1.0/1.1→ 89
✓ Transit 2.4D → 84
MASSEY FERGUSON
INNOCENTI

Ref. 06.110178 ■ 06.ALT-16001

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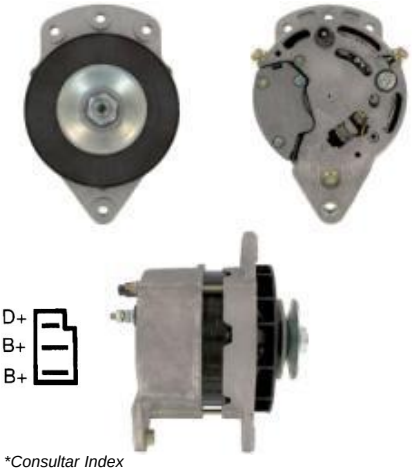
12V

Informação Técnica Lucas

REFERÊNCIAS LUCAS:
23568, 23568a, 23572a, 23572b, 23572, 23574, 23576, 23583, 23585, 23591, 23592, 23600, 23609, 23611, 23624, 23626, 23629, 23631, 23632, 23641, 23644, 23645, 23646, 23652

APLICAÇÕES:
LAND ROVER
✓ Range Rover 3.5 → 81
FIAT
✓ Iveco
DAF
✓ Leyland
ROVER

Ref. 06.110179 ■ 06.ALT-16002



*Consultar Index

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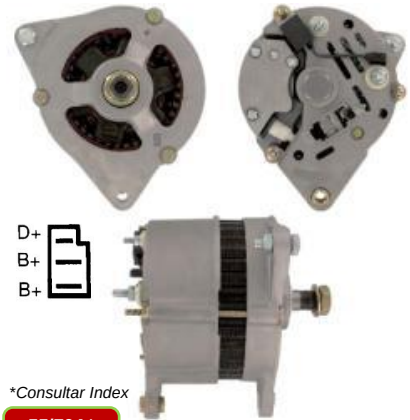
12V

Informação Técnica Lucas

REFERÊNCIAS LUCAS:
66021070, 66921126, Nab900

COMPONENTES:
Placa - 131304, Regulador – 131277

Ref. 06.110497 ■ 06.66021126



*Consultar Index

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12V

Informação Técnica Lucas

REFERÊNCIAS LUCAS:
24157, 24157a, 24157d, 24157e, 24157f, 24208, 24208a, 24208b, 24272, 24276, 24298, 24300, 24408, 24454, 54022057, 54022108, 54022109, 54022117

APLICAÇÕES:
FORD
MASSEY FERGUSON
ROVER

COMPONENTES:
Placa - 132718, Regulador – 133788

OBSERVAÇÕES:
110770 – Sem Polia, CGB-13760 – Com Polia

Ref. 06.110770 ■ 06.CGB-13760

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12V

Informação Técnica Lucas

REFERÊNCIAS LUCAS:
24286, 24411, 24418, 54022308, 54022375, 54022608, 54022653, 54022654, 54022662, 54022664, LEA0067, LEA0068, LEA0069, LEA0070, LEA0140

CARACTERÍSTICAS:
Polia de 4 Estrias

APLICAÇÕES:
NISSAN
✓ Primera 1.6 → 96

Ref. 06.111361

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12V

Informação Técnica Lucas

REFERÊNCIAS LUCAS:
2429324293a,24374, 24374a, 24396, 54022394, 54022396, 54022495, 54022537, 54022547, 54022555, 54022557, 54022564, 54022565, 54022575, 54022582, 54022583, 54022588, 54022610, 54022689, 54022708, LEA0133

CARACTERÍSTICAS:
Com Bomba de Vácuo

APLICAÇÕES:
FORD
✓ Transit 2.5 TD/Diesel Di → 00

COMPONENTES:
Placa - 132718, Regulador – 131277

Ref. 06.111742 ■ 06.1-2761-01LU

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Informação Técnica

REFERÊNCIAS LUCAS:
23865, 23865a, 23880, 24019, 24019a, 24022, 24022a, 24087, 24087a, 24087b, 24087d, 24123, 24123a, Lea0009

CARACTERÍSTICAS:
Sem Polia

APLICAÇÕES:
MASSEY FERGUSON

Ref. 06.111948 ■ 06.112238

90A 12V

Informação Técnica

REFERÊNCIAS MAGNETI MARELLI:
63303739, 63320200, 63320219, 63320253, 63320319, 63320500, 63321200, 63321233, 63321270, 63321470, 63321600, 63321712, 63321848, 63341200, 63341233, 63341712

APLICAÇÕES:
FIAT
- ✓ Punto 1.1 → 99
- ✓ Punto 1.2 → 00
- ✓ Punto 55/60/75 → 03

LANCIA
- ✓ Y 1.1/1.2 → 00

COMPONENTES:
Placa – 136423, Regulador – 136432, Rotor – 136674

Ref. 06.111411 ■ 06.505513085

*Consultar Index

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Informação Técnica

REFERÊNCIAS MAGNETI MARELLI:
63321278, 63321311, 63321611, 63321614, 63321809

APLICAÇÕES:
FIAT
- ✓ Punto 1.9 Diesel
- ✓ Barchetta 1.8 16V
- ✓ Brava 1.4 → 01
- ✓ Bravo 1.4 → 01
- ✓ Strada 1.9 Diesel

LANCIA
- ✓ Y 1.4 12V → 03

Ref. 06.111413 ■ 06.1-2734-01MM

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Informação Técnica

REFERÊNCIAS MAGNETI MARELLI:
63320511, 63321204, 63321251, 63321275, 63321282, 63321362, 63321367, 63321615, 63321616, 63321660, 63321661, 63321820

CARACTERÍSTICAS:
Polia de 5 Pistas

APLICAÇÕES:
FIAT
- ✓ Punto 1.7 TD → 99
- ✓ Punto 1.7 Diesel → 00
- ✓ Brava/Bravo 1.9 Diesel → 01
- ✓ Strada 1.7 TD
- ✓ Palio 1.0
- ✓ Palio 1.2 → 01
- ✓ Palio 1.5 → 98
- ✓ Palio 1.7 TD → 99

Ref. 06.111416 ■ 06.505511075

65A 12V

Informação Técnica

REFERÊNCIAS MAGNETI MARELLI:
63320218, 63321238, 63321342, 63341238

APLICAÇÕES:
ROVER
- ✓ 25 1.1 16V
- ✓ 114 1.4
- ✓ 211 1.1 →00
- ✓ 216 1.6 →00
- ✓ 218 1.8 →00
- ✓ 400 1.8 →98
- ✓ 414 1.4 →00
- ✓ 416 1.6 →00
- ✓ 418 1.8 16V →99

COMPONENTES:
Placa – 230119, Regulador – 233635, Polia – 230142

Ref. 06.111756 ■ 06.1-2736-01MM

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Informação Técnica

REFERÊNCIAS MAGNETI MARELLI:
063377412010, 63321677, 63321746, 63321823, 63341677, 63341746, 63377404, 63377412, 63377413

APLICAÇÕES:
FORD
- ✓ Focus 1.8 TDDi/TDCi → 04
- ✓ Focus 2.0/2.0 16V → 04

Ref. 06.112142 ■ 06.595522090

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12V

Informação Técnica

REFERÊNCIAS MAGNETI MARELLI:
063377002010, 63321718, 63377002, 63377006, 63377008

APLICAÇÕES:

FIAT
- ✓ Punto 1.2/1.4
- ✓ Panda 1.1/1.2
- ✓ Strada 1.2
- ✓ Albea 1.2
- ✓ Idea 1.4

LANCIA
- ✓ Y 1.2/1.2 16V → 03
- ✓ Musa 1.4

CITROEN
- ✓ C4 2.0 16V

Ref. 06.113718

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12V

Informação Técnica

REFERÊNCIAS DELCO:
10479384, 10479923, 10480222, 10480384, 3493409, 3493823, 3493824, 3493923, 3493927, 384, 409, 823, 824, 923

APLICAÇÕES:

OPEL
- ✓ Astra F 1.8i PS AC → 97
- ✓ Astra F 2.0i 16V PS AC → 97
- ✓ Astra F 2.0i PS AC → 97
- ✓ Calibra A 2.0i → 97
- ✓ Calibra A 2.0i 16V/ Turbo → 92
- ✓ Corsa B 1.4i 16V/AC PS → 00
- ✓ Frontera A 2.0i → 98
- ✓ Frontera A 2.2i 16V → 98
- ✓ Frontera B 2.2i 16V
- ✓ Omega B 2.0i → 00
- ✓ Omega B 2.0i 16V → 99
- ✓ Omega B 2.2i 16V
- ✓ Tigra 1.4i 16V → 00
- ✓ Tigra 1.6i 16V → 00
- ✓ Vectra A 1.8i PS → 95
- ✓ Vectra A 2.0i → 95
- ✓ Vectra A 2.0 16V → 95
- ✓ Vectra A 2.0i AT → 95
- ✓ Vectra A 2.0i Turbo → 95
- ✓ Vectra B 1.6i → 02
- ✓ Vectra B 1.6i 16V → 00
- ✓ Vectra B 1.8i 16V → 02
- ✓ Vectra B 2.0 16V → 02

COMPONENTES:
Placa – REC-980, Regulador – YR-854, Escovas – BH-1407A

Ref. 06.111426 ■ 06.135506100

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12V

Informação Técnica

REFERÊNCIAS DELCO:
19020616

APLICAÇÕES:

CRUSADER

HYSTER

Ref. 06.113691

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24V

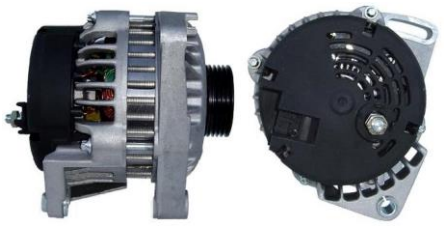
Informação Técnica

REFERÊNCIAS DELCO:
10459007, 10459011, 10459062, 10459071, 10459076, 10459148, 1100078, 1117069, 1117238, 1117249, 1117256, 1117648, 19010000, 19010002, 19010008, 19010024, 321-655, 321-697

APLICAÇÕES:

CATERPILLAR

Ref. 06.646002075



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12V

Informação Técnica

REFERÊNCIA DELPHI:
461

APLICAÇÕES:

RENAULT
- ✓ Clio 1.1/1.2
- ✓ Twingo 1.2
- ✓ Kangoo 1.2

COMPONENTES:
Placa – 135337, Regulador – 135547, Colector – 136682, Escovas – 140912

Ref. 06.112165 ■ 06.20110321

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Informação Técnica DELPHI

REFERÊNCIAS DELPHI:
10480403, 10480407

CARACTERÍSTICAS:
Arrefecido a Água

APLICAÇÕES:

MERCEDES
- ✓ E 200 2.1/2.2 CDi → 02
- ✓ E 220 2.2 CDi → 03
- ✓ E 270 2.7 CDi → 02
- ✓ ML 270 2.7 CDi → 05
- ✓ E 320 3.2 CDi → 02

VOLKSWAGEN
- ✓ Passat 1.6 FSi

Ref. 06.113771 ■ 06.ALT42600

70A 12V

Informação Técnica Ford

REFERÊNCIAS FORD:
1066407, 1071383, 96ff10300dc, 97ab10300aa, 97ab10300ab, 97ab10300ac, 97ab10300ad, 97ab10300ae

APLICAÇÕES:

FORD
- ✓ Fiesta 1.8 Diesel
- ✓ Escort 1.8 Diesel → 99
- ✓ Escort 1.8 TD → 01

MAZDA
- ✓ 121 1.8 Diesel

Ref. 06.112121 ■ 06.595518070

*Consultar Index

100A* 12V

Informação Técnica Ford

REFERÊNCIAS FORD:
4098414, yc1t10300bc, yc1t10300bd, yc1t10300be, yc1t10300bg, yc1t10300bh, yc1t10300bj

APLICAÇÕES:

FORD
- ✓ Transit 2.4 TDE/Diesel Di/TDCi

COMPONENTES:
Placa – 233524, Regulador – 233508,
Polia – 233657

Ref. 06.113285 ■ 06.1-2724-01BO

105A 12V

Informação Técnica Ford

REFERÊNCIAS FORD:
0124415016, 0124415030, 1C1T-10300AB

APLICAÇÕES:

FORD
- ✓ Transit 2.0 Diesel Di/TDCi

Ref. 06.113298 ■ 06.595533105

*Consultar Index

110/130A 12V

Informação Técnica Ford

REFERÊNCIAS FORD:
1229421, 1429688 1429689, 1464784, 1465173, 1477971, 1477972, 2T1U10300AB, 2t1u10300ac, 2T1U10300AD, 2T1U10300AE, 2T1U10300AF

APLICAÇÕES:

FORD
- ✓ Transit 1.8 16V/TD/TDDi/TDCi
- ✓ Focus 1.8 TDDi → 04
- ✓ Tourneo 1.8 TDCi

Ref. 06.113710 ■ 06.595552130

60A 12V

Informação Técnica POONG SUNG

REFERÊNCIAS POONG SUNG:
02121-8025, 02121-8026, 02121-8027, 02121-8070, 02121-8071, 02121-8072, 02121-8073

APLICAÇÕES:

KIA
- ✓ Retona 2.0 TD
- ✓ Sportage 2.2 Diesel → 99

Ref. 06.112506 ■ 06.CGB-14199

* As marcas e números originais servem apenas como referência, excepto onde mencionadas como tal.

85A
12V

Informação Técnica

POONG SUNG

REFERÊNCIA POONG SUNG:
02131-9040

APLICAÇÕES:

KIA
- ✓ Carnival 2.9 TD → 01

COMPONENTES:
Regulador – 235035, Polia – 131845, Rolamentos – 140278, Escovas – 140365

Ref. 06.CGB-13042 ■ 06.1-7716-09R

55A
12V

Informação Técnica

MANDO

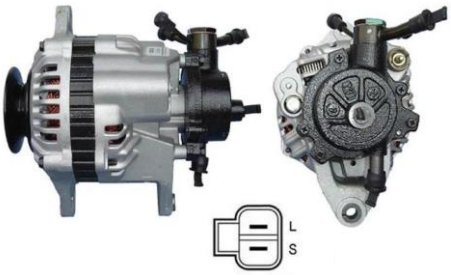
REFERÊNCIAS MANDO:
AC155-513, A000B0431

APLICAÇÕES:

OMC
- ✓ Engine

BOBCAT

Ref. 06.110540 ■ 06.1-2308-31



40A
12V

Informação Técnica

MANDO

REFERÊNCIAS MANDO:
AF175353, OK72B-18-300

APLICAÇÕES:

KUBOTA
- ✓ Engine

DAIHATSU
- ✓ Cuore 0.8 → 90
- ✓ Cuore 0.85 → 96
- ✓ Hijet 0.8 → 89
- ✓ Hijet 1.0 → 98

PIAGGIO
- ✓ Porter

KIA
- ✓ Pregio 2.7 D 6 VAN

Ref. 06.111048 ■ 06.115501040

75A
12V

Informação Técnica

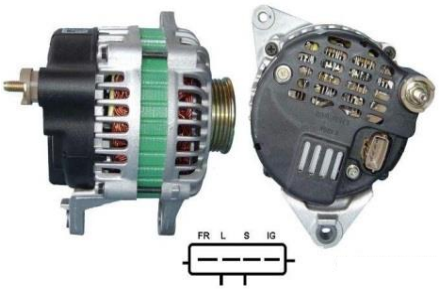
MANDO

REFERÊNCIAS KIA:
37300-22011, 37300-22020, 37300-22023, 37300-22600

APLICAÇÕES:

HYUNDAI
- ✓ Accent 1.3/1.5
- ✓ Excel 1.3/1.5
- ✓ Pony 1.3/1.5
- ✓ S coupé 1.5 Turbo → 95

Ref. 06.111309 ■ 06.CGB-13439



95A
24V

Informação Técnica

MANDO

REFERÊNCIAS KIA:
37300-38310, 37300-38400

APLICAÇÕES:

HYUNDAI
- ✓ Sonata 2.0i 16V
- ✓ Santa Fé 2.4i
- ✓ Elantra 2.0i/2.4i

KIA
- ✓ Magentis 2.0 16V

MITSUBISHI
- ✓ Carisma 1.8 GDi
- ✓ Galant 2.4

Ref. 06.112327 ■ 06.1-2288-01

75A
12V

Informação Técnica

MANDO

REFERÊNCIAS KIA:
37300-42451, 37300-42452, 37300-42454, 37300-42455, 37300-42456, 37300-42457, 37300-42459, 37300-42470, 37300-42473

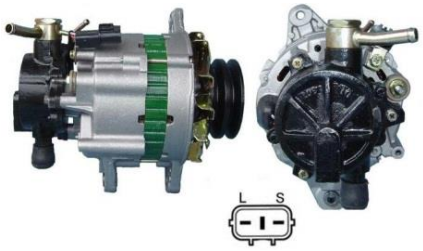
APLICAÇÕES:

HYUNDAI
- ✓ H-1 2.5 Diesel
- ✓ Starex 2.5 TD

KIA
- ✓ Pregio 2.5 TCi
- ✓ K2500 2.5 TCi

Ref. 06.113330 ■ 06.155603075

* As marcas e números originais servem apenas como referência, excepto onde mencionadas como tal.



65A
12V

Informação Técnica

MANDO

REFERÊNCIAS KIA:
37300-42502, 37300-42620, 37300-42621, 37300-42622, 37300-42624, 37300-47450, 37300-47451

APLICAÇÕES:

HYUNDAI
- ✓ H100 2.5 TD/Diesel → 00
- ✓ Galloper 2.5 TD → 01

COMPONENTES:
Placa – 132466, 139763, Regulador – 139669, Retentor – 132662, Rolamentos – 140434, Escovas – FT313

Ref. 06.113343 ■ 06.155808070

65A
12V

Informação Técnica

MANDO

REFERÊNCIA KIA:
37300-02503

APLICAÇÕES:

HYUNDAI
- ✓ Atos 1.0i
- ✓ Atos Prime 1,0i
- ✓ Getz 1.1

KIA
- ✓ Picanto 1.0/1.1

COMPONENTES:
Placa – RM-124, Regulador – IY96-234286

Ref. 06.113518 ■ 06.CGB-13036

90A
12V

Informação Técnica

MANDO

REFERÊNCIAS KIA:
37300-42542, 37300-42870, 37300-47500, 37300-47501, 37300-47503

APLICAÇÕES:

HYUNDAI
- ✓ Galloper 2.5 TD/TCi/Diesel

Ref. 06.113519 ■ 06.155608090

75A
12V

Informação Técnica

MANDO

REFERÊNCIAS KIA:
37300-33000, 37300-33010, 37300-33013, 37300-33030

APLICAÇÕES:

MITSUBISHI
- ✓ Galant 2.0/2.0 16V → 92
- ✓ Lancer 1.8 GTi 16V → 92
- ✓ Colt 1.6 GTi 16V/ 1.8 GTi 16V → 92

HYUNDAI
- ✓ Santamo 2.0
- ✓ Lantra 1.6 i 16V/1.8 i 16V → 95
- ✓ Sonata 2.0 i/ 2.0 i 16V → 98
- ✓ Elantra 1.6/1.8 → 95

Ref. 06.CGB-13145 ■ 06.1-1434-01

75A
12V

Informação Técnica

SSANGYONG

REFERÊNCIAS SSANGYONG:
6621543202, 6621544102, A6621544102

APLICAÇÕES:

SSANGYONG
- ✓ Korando 2.9 D → 98
- ✓ Musso 2.3 D/2.9 D → 98

DAEWOO
- ✓ Korando 2.9 D → 00
- ✓ Musso 2.3 D/2.9 TD → 00

COMPONENTES:
Placa – 131880, Suporte de Escovas – 131915

Ref. 06.112578 ■ 06.CGB-13039

65A
12V

Informação Técnica

MITSUBISHI

REFERÊNCIAS MITSUBISHI:
a2t01483, a2t01583, a2t01683, a2t01686, a2t01783, a2t10083, md103373, md103564, md106319, md106320, md124233

APLICAÇÕES:

MITSUBISHI
- ✓ Shogun 2.5 TD → 96
- ✓ Pajero 2.5 TD → 91
- ✓ L 200 2.5 TD/Diesel → 96
- ✓ L 300 2.5 Diesel

COMPONENTES:
Placa – REC-581, Regulador – YR-588

Ref. 06.110806 ■ 06.155803065

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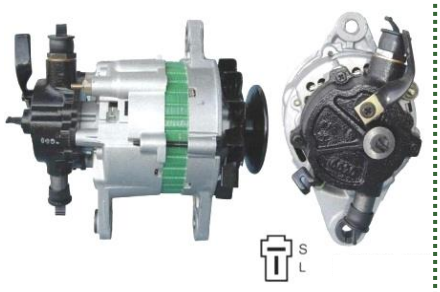

*Consultar Index

25/40A*
24V

Informação Técnica

REFERÊNCIAS MITSUBISHI:
a2t70571, a2t71583, a5t70183, a5t70270, a5t70283, me017509, me017550, me017560, me017561, A2t71978 (Poli Simples)

APLICAÇÕES:

MITSUBISHI
- ✓ Canter 211
- ✓ Canter 444
- ✓ Canter 2.7D FB100/FE100
- ✓ Canter 3.2D/3.3D
- ✓ Canter 3.3D FE211-234 ⇢ 91

COMPONENTES:
Placa – 136726, Regulador – 131517

Ref. 06.111344 ■ 06.156801025

70A
12V

Informação Técnica

REFERÊNCIA MITSUBISHI:
a3t03099

APLICAÇÕES:

NISSAN
- ✓ Patrol 2.8 TD ⇢ 97

COMPONENTES:
Placa – 132714, Regulador – 131471

Ref. 06.111747 ■ 06.1-2548-03

*Consultar Index

75/80A*
12V

Informação Técnica

REFERÊNCIAS MITSUBISHI:
a2tn1199, a2tn1199at, a2tn1199zt, a3t15099, a3tn0399, a3tn0499, md306834, md313940, md327514, md366051

APLICAÇÕES:

MITSUBISHI
- ✓ L200 2.5 TD/Diesel
- ✓ L400 2.5 TD
- ✓ Pajero 2.5 TD ⇢ 00
- ✓ Pajero 2.5 TDi

COMPONENTES:
Placa – 137076, Regulador – 137075

Ref. 06.112128 ■ 06.CGB-13008

*Consultar Index

75-110A*
12V

Informação Técnica

REFERÊNCIAS MITSUBISHI:
a3tn0699, a3tn0899, a3tn1199, md320354, md334176, md335227

APLICAÇÕES:

MITSUBISHI
- ✓ Pajero 2.5 TD ⇢ 00
- ✓ L200 2.5 TD/2.5 Diesel
- ✓ L300 2.5 Diesel

HYUNDAI
- ✓ H-1

OBSERVAÇÕES:
As Aplicações dependem da Amperagem

COMPONENTES:
Placa – 139949, Regulador – 137075,
Retentor – 132662, Polia – 138624, Escovas – 140817

Ref. 06.112205 ■ 06.155604090

110A
12V

Informação Técnica

REFERÊNCIAS MITSUBISHI / RENAULT:
a2tb6481, a2tv0981, 8200120286

CARACTERÍSTICAS:
Polia de 5 Estrias e Ventoinha Interior

APLICAÇÕES:

NISSAN
- ✓ Micra 1.5 TD DCi

RENAULT
- ✓ Clio II 1.5 TD DCi
- ✓ Kangoo 1.5 TD DCi
- ✓ Megane II 1.5 TD DCi/1.6
- ✓ Scenic II 1.6

COMPONENTES:
Placa – 235465, Regulador – 234818

Ref. 06.112457 ■ 06.575568110

90A
12V

Informação Técnica

REFERÊNCIA MITSUBISHI:
a2tb4891a

APLICAÇÕES:

CITROEN
- ✓ Berlingo 1.9 D/2.0 HDi ⇢ 04
- ✓ C5 ⇢ 04

FIAT
- ✓ Ducato
- ✓ Scudo

PEUGEOT
- ✓ 206/306/406/607/806
- ✓ Boxer 2.0/2.2 HDi
- ✓ Expert 1.9 D/2.0 HDi
- ✓ Partner 1.9D/2.0 HDi
- ✓ Santana PS-300 1.6 HDi

Ref. 06.112480 ■ 06.225519090+

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125A 12V

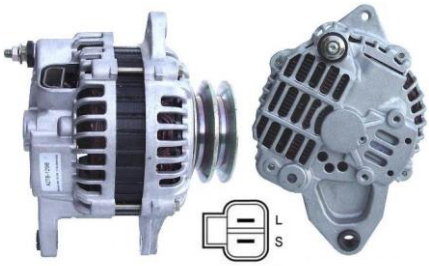
Informação Técnica

REFERÊNCIAS MITSUBISHI:
a3ta4298, a3ta4298a, a3TB1999, a3tb1999kd, me203546

APLICAÇÕES:
MITSUBISHI
- ✓ Pajero 3.2 DI-D

COMPONENTES:
Regulador – 139110

Ref. 06.113321 ■ 06.1-8319-09



80A 12V

Informação Técnica

REFERÊNCIAS MITSUBISHI:
a2ta1099, a2ta1099a, a2tb1298, a2TB1299

APLICAÇÕES:
MAZDA
- ✓ 323 2.0 Diesel Turbo/DiTD (BJ)
- ✓ 626 2.0 Diesel Turbo DiTD (GF)
- ✓ Premacy 2.0 Diesel Turbo DiTD (CP)

COMPONENTES:
Placa – A860T39070, Regulador – 135233, Polia – 230792, Escovas – 140817

Ref. 06.113785 ■ 06.145528080

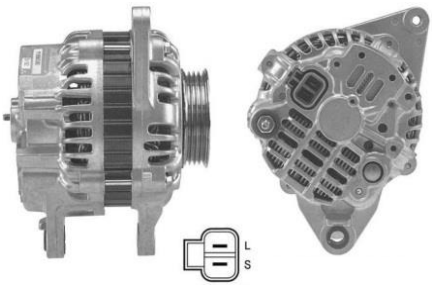
90A 12V

Informação Técnica

REFERÊNCIAS MITSUBISHI / NISSAN:
A3tb5099, 23100-VK010

APLICAÇÕES:
NISSAN
- ✓ King Cab 2.5 TD 4x4
- ✓ Pick Up 2.5 TD

Ref. 06.1-8322-09 ■ 06.A3TB5099



75A 12V

Informação Técnica

REFERÊNCIAS MITSUBISHI:
a2t34892, a2t34991, a2T34992, a2T35091, a2T35092, a2T38491, a2T38891, a2T38892, a2T40092, md189659, md193323

APLICAÇÕES:
MITSUBISHI
- ✓ Colt 1.6i (4G92)/1.8i (4G93)
- ✓ Galant 1.8i 16V (4G93)
- ✓ Lancer 1.6i (4G92)
- ✓ Space Runner 1.8i N11W
- ✓ Space Wagon 1.8i N31W

COMPONENTES:
Placa – 136979, Regulador – 136649

Ref. 06.1-1833-01 ■ 06.ALT-3077

90A 12V

Informação Técnica

REFERÊNCIAS MITSUBISHI / NISSAN:
A3tb0771, 23100-5M310

APLICAÇÕES:
NISSAN
- ✓ X-Trail 2.2 Di/DCi
- ✓ Pick Up 2.5 TD
- ✓ Almera 2.2 Diesel Di
- ✓ Musso 2.3 D/2.9 D→ 98

Ref. 06.1-8338-03

50A 12V

Informação Técnica HITACHI

REFERÊNCIAS HITACHI:
lr150-428, r170-407e/s/t (50A), lr140-422t (não é o indicado mas também serve)

CARACTERÍSTICAS:
Com Bomba de Vácuo, Ventoinha, dupla Polia e Regulador Integral

APLICAÇÕES:
NISSAN
- ✓ King Cab 2.7D→ 98
- ✓ Pick Up 2.5 Diesel→ 98
- ✓ Terrano 2.7 TD→ 96

COMPONENTES:
Placa – 131603,
Regulador com Suporte de Escovas – 137189

Ref. 06.110700 ■ 06.CGB-13208

*As marcas e números originais servem apenas como referência, excepto onde mencionadas como tal.

70A
12V

Informação Técnica HITACHI

REFERÊNCIAS HITACHI:
Ir170-420, Ir170-420a, Ir170-420b, Ir170-427, Ir170-427a, Ir170-427b, Ir170-427ba, Ir170-427c

CARACTERÍSTICAS:
Com Bomba de Vácuo e Conta Rotações

APLICAÇÕES:
OPEL
- ✓ Vectra A 1.7 TD →95
- ✓ Astra F 1.7 TDS →98
- ✓ Corsa B 1.5 Diesel/1.5 TD →00
- ✓ Corsa B 1.7 Diesel/1.7 TD →00
- ✓ Combo 1.7 Diesel →01

COMPONENTES:
Placa – REC-663, Regulador – 137841

Ref. 06.111186 ■ 06.135807070

70A
12V

Informação Técnica HITACHI

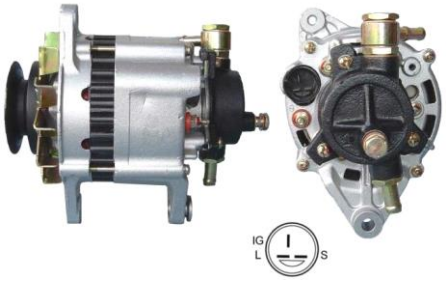
REFERÊNCIAS HITACHI:
Ir170-411, Ir170-411a, Ir170-411b, Ir170-411c, Ir170-411d, Ir170-411e, Ir170-411f, Ir170-411p

CARACTERÍSTICAS:
Com Bomba de Vácuo

APLICAÇÕES:
OPEL
- ✓ Corsa 1.5D →93

COMPONENTES:
Placa – 131603, Regulador – YR-IN678
Escovas – JHTX 18/23
Suporte de Escovas – BH-678

Ref. 06.111187 ■ 06.135801070



50A
12V

Informação Técnica HITACHI

REFERÊNCIAS HITACHI:
Ir140-426, Ir140-427, Ir140-433, Ir140-433b, Ir150-421, Ir150-421c, Ir150-434, Ir150-434b, Ir150-441, Ir150-441b, Ir150-441c, Ir150-441e, r150-442, Ir150-444, Ir150-444b, Ir150-448, Ir150-449, Ir150-449b, Ir150-449c, Ir150-78

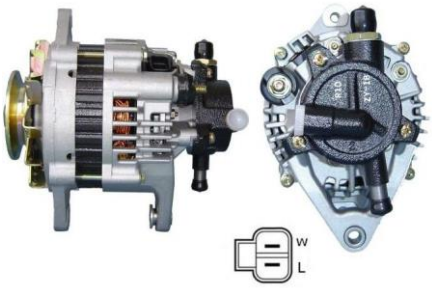
CARACTERÍSTICAS:
Com Bomba de Vácuo

APLICAÇÕES:
OPEL
- ✓ Campo 2.5 D
- ✓ Monterey 3.1 TD

ISUZU
- ✓ Campo 2.5 D
- ✓ Trooper 2.8 D/TD

COMPONENTES:
Placa – 131603, Regulador – 133544

Ref. 06.111267 ■ 06.1-5530-03



70A
12V

Informação Técnica HITACHI

REFERÊNCIAS HITACHI:
Ir170-505, Ir170-505b, Ir170-505c, Ir170-505e, Ir170-511, Ir170-511a, Ir170-511b

CARACTERÍSTICAS:
Com Bomba de Vácuo

APLICAÇÕES:
OPEL
- ✓ Corsa B 1.5 D/1.7 D
- ✓ Astra 1.7 TD
- ✓ Vectra B 1.7 TD
- ✓ Combo 1.7 D

COMPONENTES:
Placa – 230094, Regulador – 139980
Suporte de Escovas – 138371

Ref. 06.111515 ■ 06.135810070

100A
24V

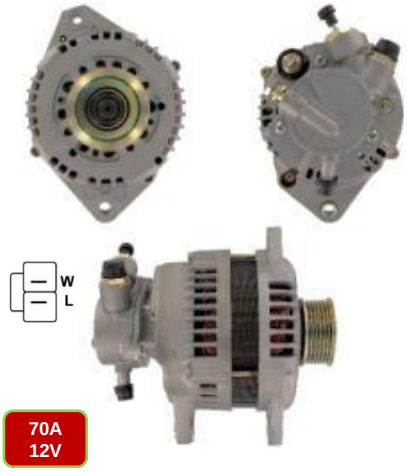
Informação Técnica HITACHI

REFERÊNCIAS HITACHI:
Ir1100-502, Ir1100-502b, Ir1100-502c, Ir1100-502d, Ir1100-502e, Ir1100-502f, Ir1100-502g, Ir1100-50h, Ir1100-502j, Ir1100-502k, Ir1100-502l, Ir1100-502n, Ir1100-504

APLICAÇÕES:
OPEL
- ✓ Corsa 1.7 DTi 16V
- ✓ Astra 1.7 DTi 16V

COMPONENTES:
Placa – REC-656, Regulador – YR-716

Ref. 06.112271 ■ 06.1-8041-03



70A
12V

Informação Técnica HITACHI

REFERÊNCIAS HITACHI:
Ir170-509, Ir170-509c, Ir170-509e, Ir170-509f, Ir170-509g, Ir170-509h

APLICAÇÕES:
OPEL
- ✓ Astra G 1.7 TD DTi → 04
- ✓ Corsa C 1.7 TD DTi → 03
- ✓ Combo 1.7 TD DTi → 04
- ✓ Meriva 1.7 DTi/CDTi

COMPONENTES:
Placa – 233620, Regulador – 232443
Polia – 133938 (Sem Embraiagem)
Rolamentos – 140434, Escovas – JNDX30

Ref. 06.112272 ■ 06.CGB-13509

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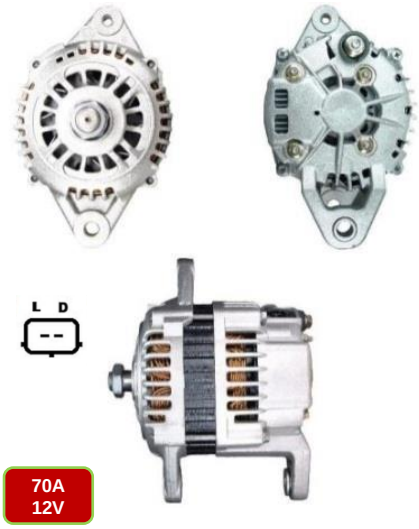


70A
12V

Informação Técnica HITACHI

REFERÊNCIAS HITACHI:
lr160-734b, lr170-760, lr170-767b

CARACTERÍSTICAS:
Com Polia dupla

APLICAÇÕES:
ISUZU
✓ Trooper 3.0
OPEL
✓ Monterey 3.0→ 98-99

Ref. 06.112673 ■ 06.CGB-13046

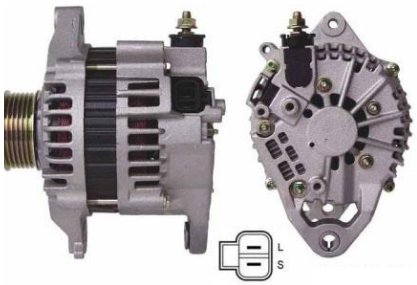
50A
24V

Informação Técnica HITACHI

REFERÊNCIAS HITACHI:
8971701631, lr250-510c

APLICAÇÕES:
ISUZU

Ref. 06.113190 ■ 06.1-8175-03



80A
12V

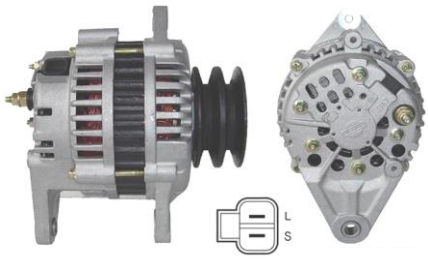
Informação Técnica HITACHI

REFERÊNCIAS HITACHI:
A3tb5099, 23100-VK010

APLICAÇÕES:
NISSAN
✓ Almera 1.5→ 00-99
✓ Almera 1.6 16V→ 00
✓ Almera 1.8 16V
✓ Primera 1.8 16V→ 02

COMPONENTES:
Placa – RH-61, Regulador – VR-H2000-43
Suporte de Escovas – BH-H02

Ref. 06.113371 ■ 06.1-8162-09



60A
12V

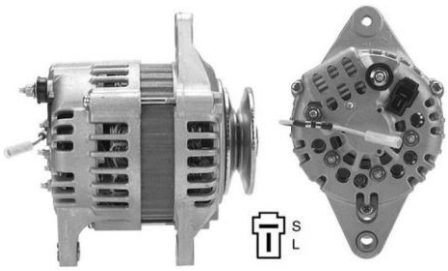
Informação Técnica HITACHI

REFERÊNCIAS HITACHI:
lr160-728, lr160-728b, lr160-728c, lr160-728e

APLICAÇÕES:
NISSAN
✓ Double Cab TD
✓ King Cab 2.5 D 4x2 D21→ 96-98
✓ King Cab 2.5 D 4x2 D22→ 01
✓ King Cab 2.5 TD 4x2→ 01
✓ Navara 2.5 TD D22→ 01
✓ Pick Up 2.5 TD D22→ 01

COMPONENTES:
Placa – 231442, Regulador – 231533,
Suporte de Escovas – 138719

Ref. 06.113383 ■ 06.CGB-13402



40A
12V

Informação Técnica HITACHI

REFERÊNCIAS HITACHI / YANMAR:
lr140-714, lr140-714b, lr140-716, lr140-719, lr140-721, lr140-721b, lr140-721c, lr140-721d, lr140-721e, lr140-727, 119624-77201, 119836-77200, 119836-77201, 119836-77202, 119836-77203, 119836772002, 129612-77230, 129930-77210

APLICAÇÕES:
YANMAR

Ref. 06.113401 ■ 06.175502045

100A
12V

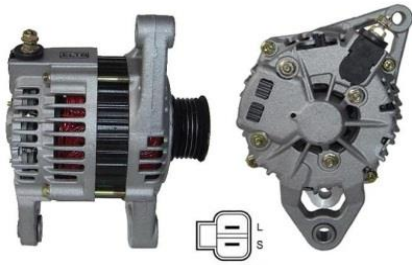
Informação Técnica HITACHI

REFERÊNCIA HITACHI:
lr1100-724

APLICAÇÕES:
NISSAN
✓ Almera 2.2 TD VDi N
✓ Almera Tino 2.2 TD

Ref. 06.113440 ■ 06.1-8172-03

*As marcas e números originais servem apenas como referência, excepto onde mencionadas como tal.



65A
12V

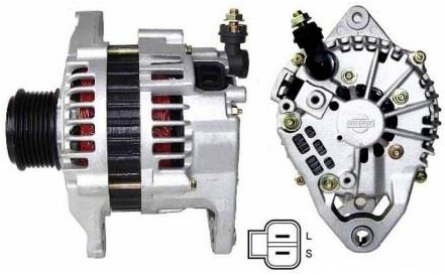
Informação Técnica HITACHI

REFERÊNCIA HITACHI:
lr165-714

APLICAÇÕES:
NISSAN
- ✓ Micra 1.0i 16V→03
- ✓ Micra 1.4i 16V→00-02

COMPONENTES:
Escovas – JMTX41

Ref. 06.113697 ■ 06.165543065



90A
12V

Informação Técnica HITACHI

REFERÊNCIAS HITACHI:
lr190-752, lr190-752b

APLICAÇÕES:
NISSAN
- ✓ Terrano 3.0 Diesel Di
- ✓ Patrol GR DTi

COMPONENTES:
Regulador – 234612, Polia – 230521
Rolamentos – 140235, Escovas – 140575

Ref. 06.113787 ■ 06.1-8174-09

100A
12V

Informação Técnica HITACHI

REFERÊNCIAS HITACHI:
lr1100-507, lr1100-507b, lr1100-507c, lr1100-508, lr1100-508b, lr1100-508, clr1100-508e, lr1100-508f

CARACTERÍSTICAS:
Polia com Embraiagem

APLICAÇÕES:
OPEL
- ✓ Astra H 1.7 CDTi
- ✓ Meriva 1.7 CDTi

Ref. 06.1-8042-03 ■ 06.135603100

90A
12V

Informação Técnica HITACHI

REFERÊNCIAS HITACHI:
lr190-511, lr190-511b

APLICAÇÕES:
NISSAN
- ✓ Primera 2.0 Diesel

COMPONENTES:
Placa – 138617, Regulador – 138740,
Retentor – 132661, Escovas – 140575,
Suporte de Escovas – 138741

Ref. 06.1-7522-03

100A
12V

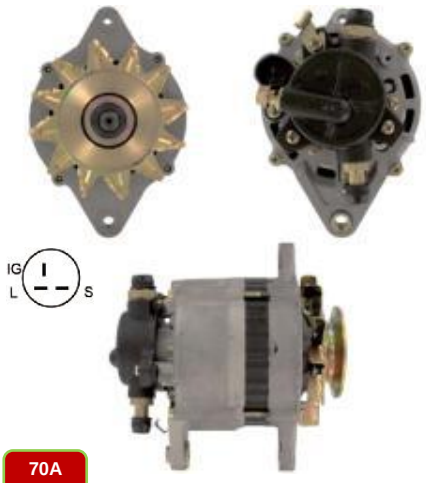
Informação Técnica HITACHI

REFERÊNCIA HITACHI:
lr1100-503

CARACTERÍSTICAS:
Polia com Embraiagem

APLICAÇÕES:
OPEL
- ✓ Astra H 1.7 TDCi
- ✓ Combo 1.7 CDTi

Ref. 06.1-8708-03



70A
12V

Informação Técnica HITACHI

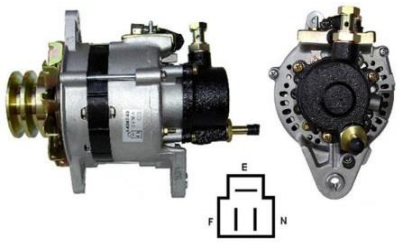
REFERÊNCIA HITACHI:
lr170-415

CARACTERÍSTICAS:
Com Bomba de Vácuo

APLICAÇÕES:
OPEL
- ✓ Kadett 1.5 TD/1.7 TD→ 91

Ref. 06.LR170-415

*As marcas e números originais servem apenas como referência, excepto onde mencionadas como tal.



55A
12V

Informação Técnica DENSO TOYOTA

REFERÊNCIAS DENSO / TOYOTA:
100210-3270, 100210-3350, 100210-3360, 100210-3400, 100210-3460, 100210-3580, 100210-3680, 100210-3770, 100210-3810, 100210-3820, 100210-3821, 27020-54250, 27020-54351, 27020-54352, 27020-54353, 27020-54354, 27030-54190, 27030-54241

APLICAÇÕES:
TOYOTA
- ✓ Dyna 150 2.8 Diesel/2.8 Diesel ⇢ 95
- ✓ Hiace 2.4 Diesel ⇢ 95
- ✓ Hilux 2.4 Diesel
- ✓ Land Cruiser 2.4 TD ⇢ 90

COMPONENTES:
Placa – 132657, Colector – 133408,
Polia – 135628, Suporte de Escovas – 132556

Ref. 06.111483 ■ 06.195806055

30A
24V

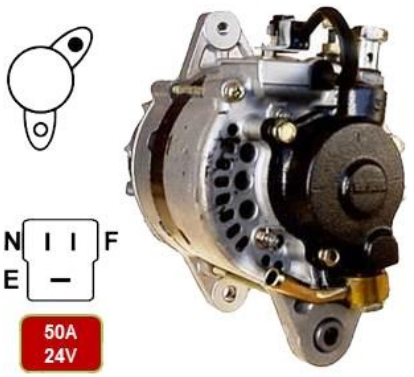
Informação Técnica DENSO TOYOTA

REFERÊNCIAS DENSO / TOYOTA:
100211-7170, 100211-7370, 27060-58020, 27060-58090

APLICAÇÕES:
TOYOTA
- ✓ Dyna 200 3.0 Diesel ⇢ 95

COMPONENTES:
Placa – 132082, Regulador – 137395
Escovas – JNDX34, Polia – 137393

Ref. 06.111603 ■ 06.196502030



50A
24V

Informação Técnica DENSO TOYOTA

REFERÊNCIAS DENSO / TOYOTA:
021000-9850, 02000-9851, 021000-9930, 100210-2210, 100210-2211, 100210-2250, 100210-2251, 100210-2570, 100210-2860, 100210-2861, 100210-2991, 121000-0670, 27020-56110, 27020-56230, 27030-56080

APLICAÇÕES:
TOYOTA
- ✓ Dyna 200 3.0 Diesel ⇢ 88
- ✓ Dyna 300 3.4 Diesel ⇢ 87
- ✓ Dyna 3.4 Diesel ⇢ 87
- ✓ Land Cruiser 3.4 Diesel ⇢ 87

Ref. 06.111613

*Consultar Index

60/80A*
12V

Informação Técnica DENSO TOYOTA

REFERÊNCIAS DENSO / TOYOTA:
100213-1740, 27040-54290

APLICAÇÕES:
TOYOTA
- ✓ Hiace 2.4 Diesel ⇢ 95
- ✓ Hiace 2.8 Diesel

COMPONENTES:
Placa – 132082, Regulador – 135734

Ref. 06.111961 ■ 06.ALT421310A

*Consultar Index

70/80A
12V

Informação Técnica DENSO TOYOTA

REFERÊNCIAS DENSO / TOYOTA:
100213-1770, 100213-2240, 100213-2241, 100213-2250, 100213-2350, 100213-2351, 100213-2400, 100213-2470, 100213-2471, 100213-2480, 100213-2500, 100213-2580, 27040-54300, 27040-54310, 27040-54370

APLICAÇÕES:
TOYOTA
- ✓ Hiace 2.4 Diesel/2.4 TD

Ref. 06.111963 ■ 06.195705070

*Consultar Index

120/150A*
12V

Informação Técnica DENSO

REFERÊNCIAS DENSO:
104210-2710, 104210-3421, 104210-3520, 104210-3521, 104210-3522, 104210-3523

APLICAÇÕES:
FORD
- ✓ Focus 1.6 TDCi/2.0 TDCi
- ✓ Fiesta 1.6 TDCi
- ✓ Fusion 1.6 TDCi
- ✓ Kuga 2.0 TDCi
- ✓ C-Max 1.6 TDCi/2.0 TDCi

MAZDA
- ✓ 3 1.6 Turbo Di/1.6 TD

VOLVO
- ✓ S40 1.6 Diesel/2.0 Diesel
- ✓ V50 1.6 Diesel/2.0 Diesel
- ✓ C30 1.6/1.6 Diesel/2.0/2.0 Diesel
- ✓ C70 2.0

Ref. 06.113849 ■ 06.104210-3522

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*Consultar Index

105-140A* 12V

Informação Técnica DENSO OPEL

REFERÊNCIAS DENSO / OPEL:
102211-8660, 13117236, 13153236

APLICAÇÕES:

OPEL
- ✓ Astra H 1.9 CDTi
- ✓ Signum 1.9 CDTi
- ✓ Vectra C 1.9 CDTi
- ✓ Zafira B 1.9 CDTi

Ref. 06.1-8263-03 ■ 06.135546140

60A 24V

Informação Técnica DENSO

REFERÊNCIA DENSO:
035000-4190

APLICAÇÕES:

KOMATSU

Ref. 06.1-8481-03 ■ 06.ANK2010

*Consultar Index

70/100A* 12V

Informação Técnica DENSO TOYOTA

REFERÊNCIAS DENSO / TOYOTA:
102211-5600, 102211-5670, 27060-30020, 27060-30030

APLICAÇÕES:

TOYOTA
- ✓ Dyna 100 2.5 Turbo
- ✓ Dyna 150 1.5 Turbo
- ✓ Hilux 2.5 D-4D
- ✓ Hilux 2.5 D-4D 4WD

Ref. 06.195574070 ■ 06.195574100

85A 12V

Informação Técnica DENSO TOYOTA

REFERÊNCIAS DENSO / TOYOTA:
102211-2810, 104210-8020, 104210-9010, 104210-4460, 27060-0L020, 27060-0L021, 27060-0L030, 27060-30010, 27060-30040, 27060-30050, 27060-3008011b

APLICAÇÕES:

TOYOTA
- ✓ Hilux 2.5D D4D/1KD/2KD
- ✓ Hilux 3.0D D4D/1KD/2KD
- ✓ Hiace IV D4D/1KD/2KD
- ✓ Land Cruiser 3.0 D4D/ 3.0 (T) D
- ✓ Quantum D4D

Ref. 06.195574085 ■ 06.195574085R

115A 12V

Informação Técnica DENSO TOYOTA

REFERÊNCIAS DENSO / TOYOTA:
104210-4101, 27060-330717

APLICAÇÕES:

TOYOTA
- ✓ Corolla 1.4 D

Ref. 06.195582115

55A 12V

Informação Técnica DENSO CAT

REFERÊNCIAS DENSO / CATERPILLAR:
101211-2240, 101211-2310, 101211-3310, 1052811, 1052812

APLICAÇÕES:

CATERPILLAR
- ✓ D4C Dozer

PERKINS
- ✓ Motores Industriais

TOYOTA FORKLIFT
- ✓ Forklift

Ref. 06.645503055 ■ 06.1-8224-03

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55A
12V

Informação Técnica

REFERÊNCIAS DENSO / TOYOTA:
100211-5040, 100213-1030, 100213-1040, 27040-54170, 27040-54180, 27060-54030

APLICAÇÕES:

TOYOTA
- ✓ Cressida 2.4 TD →95
- ✓ Hiace III 2.4 TD →95
- ✓ Land Cruiser 2.4 TD →95

Ref. 06.CGB-13346

120A
12V

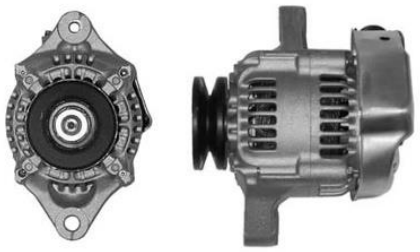
Informação Técnica

REFERÊNCIAS DENSO:
100213-239, 100213-253

APLICAÇÕES:

LAND ROVER
- ✓ Defender 2.5TD
- ✓ Discovery 2.5TD
- ✓ Land Rover 2.5TD

Ref. 06.1-8217-03 ■ 06.CGB-13856



45A
12V

Informação Técnica

REFERÊNCIAS DENSO:
100211-471, 101211-124

APLICAÇÕES:

ISUZU
- ✓ 3LA1
- ✓ 3LB1
- ✓ 3LD1

Ref. 06.1-2339-03 ■ 06.CGB-14710

75A
12V

Informação Técnica

REFERÊNCIAS VALEO:
2541792, 2541908, a11vi59, a11vi79

APLICAÇÕES:

RENAULT
- ✓ Laguna 1.8/2.0 →01
- ✓ Megane 1.9 Diesel/1.9 TD
- ✓ Megane 2.0 i/2.0 16V
- ✓ Espace 2.0 →00

Ref. 06.111513 ■ 06.1-2747-01VA

*Consultar Index

70/80A*
12V

Informação Técnica

REFERÊNCIAS VALEO:
2541726, a13vi84

APLICAÇÕES:

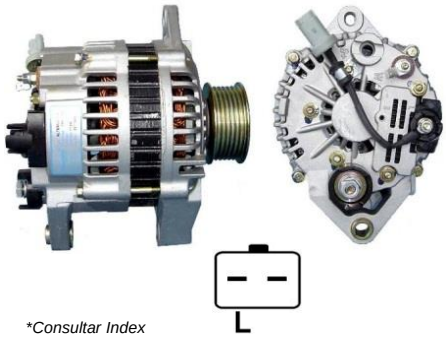
CITROEN
- ✓ AX 1.5 D →94-97
- ✓ Saxo 1.5 D →03
- ✓ Xsara 1.5 D →97-00
- ✓ ZX 1.5 D →96-97

NISSAN
- ✓ Micra 1.5 D →98-02

PEUGEOT
- ✓ 106 1.5 D →05

COMPONENTES:
Placa – 135494, Regulador – 134475, Rolamentos – 140084, Polia – 136349

Ref. 06.111532 ■ 06.112287



*Consultar Index

75/120A*
12V

Informação Técnica

REFERÊNCIAS VALEO:
2541953, a11vi88, tg8S017, tg8s025

APLICAÇÕES:

RENAULT
- ✓ Laguna 1.8 16V/2.0 16V
- ✓ Trafic 1.9 Diesel →01
- ✓ Scénic 1.9 DCi →03
- ✓ Scénic 1.9 DTi
- ✓ Megane 1.9 DCi/DTi/TDi
- ✓ Megane 2.0 IDE 16V
- ✓ Megane 2.0 16V →96-99
- ✓ Clio 1.9 Diesel/2.0 16V
- ✓ Clio 1.9 DTi →05
- ✓ Kangoo 1.9 Diesel/1.9 Dti

COMPONENTES:
Placa – 138303, Regulador – 139440, Rolamentos – 6303-2RS, Polia – 136153

Ref. 06.111718 ■ 06.575565120

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Informação Técnica

REFERÊNCIAS VALEO / DAEWOO:
219251, 219292, ab165104, tA000a30601, 96314258, 96380673 96518124

APLICAÇÕES:

DAEWOO
- ✓ Matiz 0.8/1.0

COMPONENTES:
Placa – RTF3911

Ref. 06.111847 ■ 06.235502065

Informação Técnica

REFERÊNCIAS VALEO:
2541969, 2542483, 2542678, a11vi91, sg7s014

APLICAÇÕES:

PEUGEOT
- ✓ 206 1.1 i/1.4 i/1.6 16V
- ✓ 206 1.6 i → 98-00
- ✓ 206 2.0 S 16 → 99-00
- ✓ 306 1.9 Diesel
- ✓ Partner 1.9 Diesel/2.0 HDi
- ✓ Expert 1.9 Diesel

FIAT
- ✓ Scudo 1.9 Diesel

CITROEN
- ✓ Xsara 1.9 Diesel → 05
- ✓ Xsara 1.6
- ✓ Berlingo 1.9 Diesel/2.0 HDi
- ✓ Jumpy 1.9 Diesel/1.9 TD
- ✓ C15 1.9 Diesel

Ref. 06.112058

Informação Técnica

REFERÊNCIAS VALEO:
2541863, 2542375, a13vi142, a13vi273

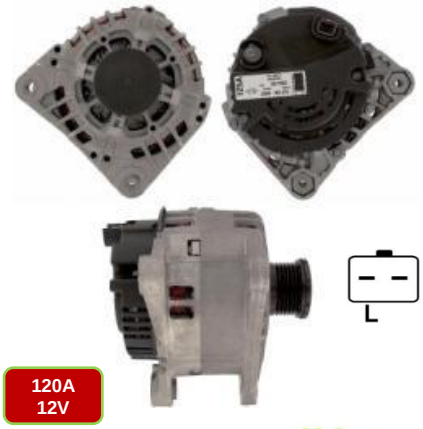
APLICAÇÕES:

CITROEN
- ✓ Saxo 1.5 D → 03

PEUGEOT
- ✓ 106 1.5 D

COMPONENTES:
Placa – 135427, Polia – 136039, Regulador – 134475

Ref. 06.112467 ■ 06.1-9302-03



Informação Técnica

REFERÊNCIAS VALEO:
2542272, 2542393, 2542653, 2543339, sg12b017, sg12b071, sg12b096, sg12b110

APLICAÇÕES:

NISSAN
- ✓ Primastar 2.5 DTi
- ✓ Interstar 1.9 DCi/ 2.2 DCi/ 2.5 DCi/ 2.5 DTi

OPEL
- ✓ Movano 1.9 DTi/2.2 DTi/2.5 DTi
- ✓ Vivaro 1.9 Diesel/1.9 DTi/1.9 Diesel Di
- ✓ Vivaro 2.0 16V/2.5 DTi

RENAULT
- ✓ Laguna 1.8 16V/1.9 DCi
- ✓ Master 1.9 DCi/2.2 DCi
- ✓ Trafic 1.9 DCi/2.5 DCi

VOLVO
- ✓ S40 1.9 Diesel Di/V40 1.9 Diesel Di → 04

Ref. 06.112471 ■ 06.575560125

Informação Técnica

REFERÊNCIAS VALEO:
2542271, 2542302, 2542553, a13vi238, a13vi291, sg10b011

APLICAÇÕES:

RENAULT
- ✓ Master 1.9 DTi/1.9 DCi
- ✓ Megane 1.9 DTi/1.9 DCi
- ✓ Scénic 1.9 DTi → 03
- ✓ Espace 2.0/2.0 16V → 02
- ✓ Kangoo 1.9 Diesel/1.9 DTi/1.9 DCi
- ✓ Clio 1.9 DTi → 03
- ✓ Laguna 1.9 TDi → 01

OPEL
- ✓ Movano 1.9 DTi → 01

Ref. 06.112473 ■ 06.20130110

Informação Técnica

REFERÊNCIA VALEO:
a13n271

APLICAÇÕES:

KHD
- ✓ Engine 2.7 Diesel

Ref. 06.112548 ■ 06.565008060OE

* As marcas e números originais servem apenas como referência, excepto onde mencionadas como tal.

70A 12V

L DF/ DFM

Informação Técnica

Valeo

REFERÊNCIAS VALEO:
2542305, 2542398, a11vi102, a11vi108

APLICAÇÕES:

PEUGEOT
- ✓ 106 1.1 i/1.6 i

CITROEN
- ✓ Saxo 1.1/1.4/1.6→03
- ✓ Berlingo 1.6 16V

Ref. 06.112648 ■ 06.112648OE

110A 12V

Informação Técnica

Valeo

REFERÊNCIAS VALEO:
2541610v, 2541610g, 2541887, 2541903, 2541906, 2541982, a13vi153, a13vi164, a13vi167, a13vi265, a13vi57

APLICAÇÕES:

RENAULT
- ✓ SCENIC 2.0
- ✓ Laguna 1.8/2.0/2.2 Diesel→01
- ✓ Megane 1.9 Diesel/1.9 TD
- ✓ Megane 2.0 i/2.0
- ✓ Safrane 2.2 TD→00
- ✓ Espace 2.0/2.2 TD→00

VOLVO
- ✓ S40 1.9 Diesel Di→03
- ✓ V40 1.9 Diesel Di→04

Ref. 06.112679 ■ 06.1-2278-01VA

80A 12V

Informação Técnica

Valeo

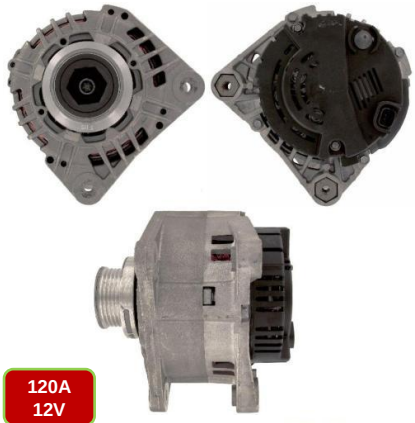
REFERÊNCIAS VALEO:
2541447, 2541447a, 2541724, 2541767, 2541767a, a13vi27, a13vi46, a13vi83, a13vi96

APLICAÇÕES:

PEUGEOT
- ✓ 106 1.0/1.4/1.6→96
- ✓ 106 1.6 i
- ✓ 306 1.1/1.4→01
- ✓ 306 1.6→00
- ✓ 306 1.4 i
- ✓ Partner 1.1/1.4

CITROEN
- ✓ ZX 1.4 i→97
- ✓ Xsara 1.4 i/1.6 16V→05
- ✓ Xsara 1.6 i→97-00
- ✓ Saxo 1.1/1.4/1.6/1.6 16V→03
- ✓ Berlingo 1.1 i/1.4 i

Ref. 06.112782 ■ 06.225505080



120A 12V

Informação Técnica

Valeo

REFERÊNCIAS VALEO:
2542523, 2543340, 2543387, 2543441, sg12b038, sg12b050, sg12b095, sg12b108, sg12b116

APLICAÇÕES:

OPEL
- ✓ Movano 1.9 DTi/ 2.2 DTi/ 2.5 DTi
- ✓ Vivaro 1.9 Diesel/1.9 DTi/1.9 Diesel Di
- ✓ Vivaro 2.0 16V

RENAULT
- ✓ Laguna 1.9 DCi/Trafic 1.9 DCi
- ✓ Master 1.9 DCi/2.2 DCi/2.5 DCi
- ✓ Clio 1.5 DCi/Kangoo 1.5 DCi/Thalia 1.5 DCi

NISSAN
- ✓ Interstar 1.9 DCi/2.2 DCi/Pimastar 1.9 DCi

VOLVO
- ✓ S40 1.9 TD/V40 1.9 TD→99
- ✓ S40 1.9 Diesel Di/V40 1.9 Diesel Di→04

Ref. 06.113248 ■ 06.575563125

150A 12V

Informação Técnica

Valeo

REFERÊNCIAS VALEO:
2542538, 2542605, 2542852, a14vi34, a14vi45, a14vi46, a14vi47

APLICAÇÕES:

BMW
- ✓ 318 2.0 Diesel→01-03
- ✓ 320 2.0 TD→01-05
- ✓ 320 2.0 Diesel→98-05
- ✓ 330 2.9 Diesel→99-06

Ref. 06.113407 ■ 06.455519150

*Consultar Index

70/80A 12V

L DF/ DFM

Informação Técnica

Valeo

REFERÊNCIAS VALEO:
2542286, 2542396, 2542487, 2542793, 2542802, 2542922, 2809464, a13vi236, a13vi276, sg8b021, sg9b063, sg9b066, tg9b024, tg9b064

APLICAÇÕES:

CITROEN
- ✓ Xsara 1.6
- ✓ Xsara 1.6 16V→05
- ✓ C4 1.4/1.6/2.0
- ✓ C2 1.6
- ✓ C5 1.8 16V→04
- ✓ C8 2.0/2.2
- ✓ Berlingo 1.4/1.4 i Bivalent/1.6 16V

PEUGEOT
- ✓ 206 1.1/1.6/2.0
- ✓ 307 1.4/2.0 16V
- ✓ 406 1.8 16V→04
- ✓ 607 2.2

Ref. 06.113575 ■ 06.225520080OE

*As marcas e números originais servem apenas como referência, excepto onde mencionadas como tal.

90A
12V

Informação Técnica

REFERÊNCIAS VALEO / BOBCAT:
tA000A48401, ta000a48402, 6675292, 6678205, 6687205

APLICAÇÕES:
BOBCAT

COMPONENTES:
Placa – 234653, Regulador – 234654

Ref. 06.113600 ■ 06.1-7717-03

75/90A
12V

Consultar Index

Informação Técnica

REFERÊNCIAS VALEO:
2542670, 2542851, 2542861, 2542884, 2606334, tg9s010, tg9s015, tg9s016, tg9s021, tg9s022

APLICAÇÕES:

FIAT
- ✓ Fiorino 1.3 Multijet/Punto 1.3 JTD/Panda 1.3 JTD
- ✓ Idea 1.3 JTD/Dobló 1.3 JTD 16V
- ✓ Strada 1.3 Diesel/Palio 1.3 JTD/500 1.3 Multijet
- ✓ Grande Punto 1.3 Diesel/Linea 1.3 Multijet

LANCIA
- ✓ Ypsilon 1.3 JTD/Musa 1.3 Diesel

OPEL
- ✓ Agila 1.3 CDTi/Corsa C 1.3 CDTi/Tigra 1.3 CDTi
- ✓ Combo 1.3 CDTi 16V/Astra H 1.3 CDTi
- ✓ Meriva A 1.3 CDTi

SUZUKI
- ✓ Ignis 1.3 DDiS/Wagon 1.25 DDiS/Swift 1.3 DDiS

Ref. 06.113722 ■ 06.135535090

120A
12V

Informação Técnica

REFERÊNCIAS VALEO:
2542233, 2542324, 2542546, sg12b011, sg12b025, sg12b054

APLICAÇÕES:

AUDI
- ✓ A4 2.4/3.0 → 05
- ✓ A6 2.4/3.0 → 05
- ✓ A6 2.7/2.8 → 01
- ✓ A8 3.0/3.0 TDi
- ✓ A8 3.0 L → 06

VW
- ✓ Passat 2.8 → 99-00

Ref. 06.113751 ■ 06.205515120

150A
12V

Informação Técnica

REFERÊNCIAS VALEO:
a14vi27, a14vi42, sg15s016, sg15s021, tg15c115

APLICAÇÕES:

CITROEN
- ✓ Berlingo 2.0 HDI/C5 2.0 HDI/C8 2.2 HDI
- ✓ Evasion 2.0 HDI/Xantia 2.0 HDI/Xsara 2.0 HDI
- ✓ Xsara Picasso 1.8/2.0 HDI
- ✓ Jumper 2.2 HDI/Jumpy 2.0 HDI

PEUGEOT
- ✓ 206 2.0 HDi/306 2.0 HDi/307 2.0 HDi
- ✓ 406 1.8i 16V/406 2.0 HDi/607 2.0 HDi/607 2.2 HDi
- ✓ 806 2.0 HDi/807 2.0 HDi/807 2.2 HDi
- ✓ Boxer 2.0 HDi/Boxer 2.2 HDi/Expert 2.0 HDi
- ✓ Partner 2.0 HDi

FIAT
- ✓ Ducato 11 2.0 JTD/Scudo 2.0 JTD/Ulysse 2.0 JTD

SUZUKI
- ✓ Grand Vitara 2.0 HDI

Ref. 06.1-9305-03

110A
12V

Informação Técnica

REFERÊNCIAS VALEO:
2541927, a13vi179

APLICAÇÕES:

RENAULT
- ✓ Master 2.5 Diesel/2.8 DTi/2.8 Diesel → 98-01

OPEL
- ✓ Movano 2.5 Diesel → 98-00

Ref. 06.1-9379-03

90A
12V

Informação Técnica

REFERÊNCIA VALEO:
TG9S014

APLICAÇÕES:

FIAT
- ✓ Dobló 1.3 JTD 16V
- ✓ Idea 1.3 JTD
- ✓ Panda 1.3 JTD
- ✓ Punto 1.3 D

LANCIA
- ✓ Musa 1.3
- ✓ Ypsilon 1.3 JTD

Ref. 06.505542090

* As marcas e números originais servem apenas como referência, excepto onde mencionadas como tal.

110A
12V

Informação Técnica

Valeo

REFERÊNCIA VALEO:
tg11c069

APLICAÇÕES:
RENAULT
✓ Kangoo 1.6 16V

Ref. 06.575593110

90A
12V

Informação Técnica

BOSCH

REFERÊNCIA BOSCH:
0123320045

APLICAÇÕES:
MERCEDES BENZ
✓ KC180 03/93→
✓ C200 01/94→
✓ C220 03/93→09/96
✓ C280 05/93→05/97
✓ CLK200 06/97→
✓ E200 (W201) 06/95→
✓ E230 (W210) 06/95→08/97
✓ E280 (W210) 01/96→02/97
✓ E320 (W210) 06/95→02/97

JOHN DEERE
✓ 6010 Series

Ref. 06.555502090+ ■ 06.555509090+

50A
24V

Informação Técnica

Delco Remy

REFERÊNCIAS DELCO:
016501050, 2871A503, 3276712, 8600282, 8600688, 8600689, ch12876, 600336

APLICAÇÕES:
CATERPILLAR

Ref. 06.016501050

90A
12V

Informação Técnica

BOSCH

REFERÊNCIA BOSCH:
0124225051

APLICAÇÕES:
TOYOTA
✓ Yaris 1.0

Ref. 06.041ABO1240

75A
12V

Informação Técnica

DENSO

REFERÊNCIA DENSO:
31100P1KE05-012331500

APLICAÇÕES:
HONDA
✓ Civic 1.4i, 1.5i, 1.6i 09/94→01/97

Ref. 06.125516075+ ■ 06.0986040910

65A
12V

Informação Técnica

BOSCH

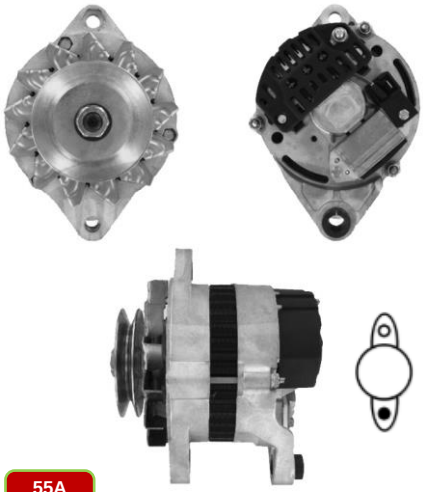
REFERÊNCIAS BOSCH:
63320049, 0120488250, 0120488251, 0120489018, 0120489136, 0120489152, 0120489153, 0120489212, 0120489219, 0120489338

APLICAÇÕES:

AGRIFULL		
✓	100 5.4, 5.9, 90 4.9	05/87→
FIAT		
✓	131 2.5 Diesel	1979-03 → 1984-12
✓	132 2.0 Diesel	1978-07→ 1982-07
✓	Croma 2.5 Diesel	1985-12→ 1996-08
✓	Ducato 1.9 Diesel	1989-03→ 1994-03
✓	Ducato 2.5 Diesel	1982-01→ 1994-03
✓	Ducato 2.4 Diesel	1982-07→ 1985-1
ALFA ROMEO		
✓	33 1.8 Diesel	1986-01→ 1990-06
✓	75 2.0 Diesel	1985-05→ 1992-09
Lamborghini		
✓	11000 3.6-6.8	11/76→
✓	R	02/77→
LANCIA		
✓	Thema 2.5 Diesel	1984-11→ 1992-07
IVECO		
✓	8361 8.1 Diesel	1983-06 →

Ref. 06.105001065+ ■ 06.111686

* As marcas e números originais servem apenas como referência, excepto onde mencionadas como tal.



55A
12V

Informação Técnica

BOSCH

REFERÊNCIAS BOSCH:
0120489336, 0120489337, 0986035760, 63320024, 3576

APLICAÇÕES:

ALFA ROMEO
- ✓ Alfetta

FERRARI
- ✓ 412 4.9 L

FIAT
- ✓ 124 1200, 1400, 1600, Argenta, Brava, Campagnola, Croma, Marengo, Tipo

IVECO

✓	*Daily 30	91-02→

Ref. 06.105009055OE ■ 06.111418

55A
12V

Informação Técnica

BOSCH

REFERÊNCIAS BOSCH:
0120400914, 0120400943, 0120489021, 0120489107, 0120489134, 0120489146, 0120489147, 0120489151, 0120489763, 0120489770

APLICAÇÕES:

ALFA ROMEO

✓	AR 6 2.4 Diesel	1985-04→1986-02
✓	Alfa 6 2.5 Diesel	1981-07→1986-05
✓	AR 6 2.5 Diesel	1986-09→1989-12
✓	AR 6 2.4 Diesel	1986-09→1989-12
✓	AR 6 2.5 Diesel	1986-09→1989-12
✓	Alfa 75 2.0 Diesel	1985-05→1992-09
✓	Alfa 75 2.4 Diesel	1989-01→1992-02
✓	AR 8 2.4 Diesel	1985-04→1989-12
✓	AR 8 2.4 Diesel	1978-04→1986-08
✓	Alfa 90 2.4 Diesel	1984-10→1987-07
✓	Alfetta 2.4 Diesel	1983-04→1984-12
✓	Alfetta 2.0 Diesel	1979-10→1983-03
✓	Arna 1.2 Gasolina	1985-01→1986-12
✓	Giulietta 2.0 Diesel	1983-01→1985-12

FIAT

✓	124 Sport Spider 2000i.e.	04/85→09/95
✓	131 Diesel	03/78→01/84
✓	131 Mirafiori 1.6	11/76→12/84
✓	131 Mirafiori 1.4	11/80→01/84
✓	131 Mirafiori 2.0	01/81→12/84
✓	132 Diesel	03/78→03/79
✓	Argenta 2.0	06/78→12/85
✓	Argenta 1.6	04/81→12/85
✓	Argenta 2.5 Turbo Diesel	06/81→11/85
✓	Ducato 1.9D	02/87→08/90
✓	Ducato 1.9 Turbo Diesel	01/90→05/94
✓	Duna 1.7	01/87→12/91
✓	Marengo 2.5 Diesel	05/80→09/83
✓	Regatta 1.7 / 1.9 Diesel	10/83→12/90
✓	Regatta 90,100 1.9D	04/84→07/89
✓	Ritmo 1.7 Diesel	01/84→12/89

IVECO

✓	Daily I 30-8 2.4 Diesel	1978-01→1989-12
✓	Daily I 40-10 2.4 Diesel	1985-01→1989-12
✓	Daily I 35-8 2.4 Diesel	1978-01→1989-12
✓	Daily I 35-12 2.5 Diesel	1990-01→1996-04
✓	Daily I 40-10 2.4 Diesel	1985-01→1989-12
✓	Daily I 40-8 2.4 Diesel	1983-01→1989-06
✓	Daily I 30-8 2.4 Diesel	1978-01→1989-12
✓	Daily I 45-10 2.4 Diesel	1985-01→1989-12
✓	Daily I 49-10 2.4 Diesel	1985-01→1989-12
✓	Daily I 40-8 2.4 Diesel	1983-01→1989-06
✓	Daily I 30-8 2.4 Diesel	1978-01→1989-12
✓	Daily I 40-10 2.4 Diesel	1985-01→1989-12
✓	Daily I 35-8 2.4 Diesel	1978-01→1989-12
✓	Daily I 35-12 2.5 Diesel	1990-01→1996-04
✓	Daily I 40-10 2.4 Diesel	1985-01→1989-12
✓	Daily I 40-8 2.4 Diesel	1983-01→1989-06
✓	Daily I 30-8 2.4 Diesel	1978-01→1989-12
✓	Daily I 40-10 2.4 Diesel	1985-01→1989-12
✓	Daily I 35-8 2.4 Diesel	1978-01→1989-12
✓	Daily I 35-12 2.5 Diesel	1990-01→1996-04
✓	Daily I 40-10 2.4 Diesel	1985-01→1989-12
✓	Daily I 40-8 2.4 Diesel	1983-01→1989-06
✓	Daily I 30-8 2.4 Diesel	1978-01→1989-12
✓	Daily I 45-10 2.4 Diesel	1985-01→1989-12
✓	Daily I 49-10 2.4 Diesel	1985-01→1989-12
✓	Daily I 40-8 2.4 Diesel	1983-01→1989-06

LAMBORGHINI
- ✓ 1100 Series, 1300 Series, 1500 Series, 1700 Series, 900 Series

Ref. 06.105012055+ ■ 06.110882

120A
12V

Informação Técnica

MAGNETI MARELLI

REFERÊNCIAS MAGNETI MARELLI:
63321491, 63321497, 63321501, 63321507, 63321804, 63321805, 63321858, 63321859

APLICAÇÕES:

ALFA ROMEO

✓	147 1.9 JTD	→04/01
✓	156 1.9 JTD	

FIAT

✓	Brava 1.9 JTD	12/98→10/01
✓	Bravo 1.9 JTD	12/98→10/01
✓	Marea 1.9 JTD	→01/01
✓	Multipla 1.9 JTD	03/01→07/02
✓	Punto 1.9 DS	09/99→
✓	Stilo 2.4 20V	10/01→
✓	Stilo 1.9 JTD	02/02→

LANCIA

✓	Kappa 2.4 TDS	07/96→10/01
✓	Lybra 1.9 JTD	→05/01
✓	Lybra 2.4 JTD	09/00→05/02

Ref. 06.113336H ■ 06.105505120+

90A
14V

Informação Técnica

MAGNETI MARELLI

REFERÊNCIAS MAGNETI MARELLI:
63321287, 63321330, 63321612, 63321729, 63321810, 63321819, 63321836

APLICAÇÕES:

***ALFA ROMEO**

✓	147 1.6 16V, 147 2.0 16	01/01→
✓	156 1.8 16V, 166 2.0	10/00→
✓	156 2.0 16V	10/00→03/02
✓	156 2.0 JTS	03/02→
✓	156 1.6 16V	09/97→
✓	GTV 2.0 JTS, Spider 2.0 JTS	04/03→
✓	Spider 2.0 16V	06/95→

FIAT

✓	Barchetta 1.8 16V	04/95→
✓	Punto 1.8	09/99→
✓	Stilo 1.8 16V	10/01→

LANCIA

✓	Lybra 1.8 16V	07/99→

Ref. 06.113536 ■ 06.105508090+

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12V

Informação Técnica

mazda

REFERÊNCIAS MAZDA:
0105-18-300, 0259-18-300, 0324-18-300, 0326-18-300, 0327-10-300, 0327-18-300, 0327-18-300A, 0483-18-300, 0483-18-300A, 0571-18-300, 0571-18-300A, 0605-18-300, 0605-18-300A, 0707-18-300, 0820-18-300, 0820-18-300C, 2329-18-300, 2329-18-300A, 2677-18-300, 3919-18-300, 3936-18-300, 4892-18-300, 4894-18-300, 4894-18-300C, 4894-18-300D, 8028-18-300, 8318-18-300

APLICAÇÕES:

MAZDA

✓	1000 1.0 Gasolina	1975-01→1977-01
✓	1300 1.3 Gasolina	1975-01→1977-01
✓	B 1600 1.6 Gasolina	1977-02→1978-09
✓	B 1800 1.8 Gasolina	1977-02→1982-01
✓	323 1.4 Gasolina	1978-05→1980-05
✓	323 1.3 Gasolina	1977-01→1980-05
✓	323 1.4 Gasolina	1978-05→1982-08
✓	323 1.3 Gasolina	1977-01→1980-05
✓	323 1.4 Gasolina	1978-05→1980-05
✓	323 1.3 Gasolina	1978-05→1986-05
✓	323 1.0 Gasolina	1977-06→1980-05
✓	323 1.0 Gasolina	1977-06→1980-05
✓	818 1.3 Gasolina	1974-01→1978-10
✓	E 1600 1.6 Gasolina	1980-08→1984-06

Ref. 06.110133

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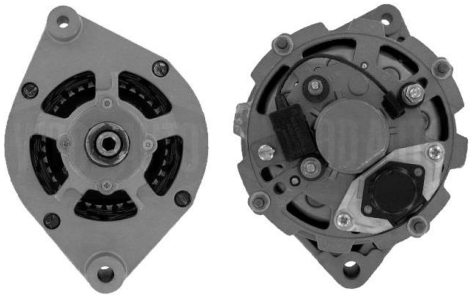
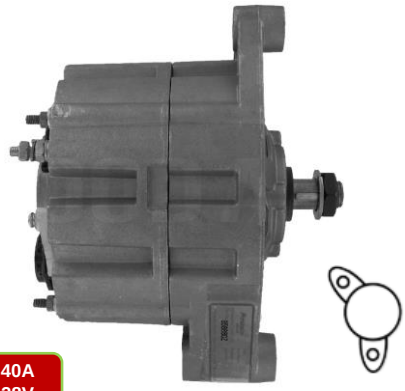




40A
28V

Informação Técnica BOSCH

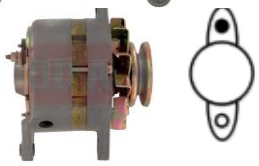
REFERÊNCIAS BOSCH:
0120489060, 0120489643, 0986031190, 3119, 9120080114, 1505107, 2939210

Ref. 06.110112

APLICAÇÕES:

VOLVO

✓	B 12	1992→
✓	F 10/260	1982→1985
✓	F 10/280	1977→1982
✓	F 10/300	1983→1987
✓	F 10/320	1987→1994
✓	F 12/360	1988→1994
✓	F 12/370	1977→1987
✓	F 12/400	1988→1994
✓	F 16/470	1988→1989
✓	F 16/485	1990→1992
✓	F 610	1980→1986
✓	F 611	1975→1986
✓	F 612	1983→1986
✓	F 613	
✓	F 616	1981→1986
✓	F 7	1978→1985
✓	FL 10/280	1985→1990
✓	FL 180-10, FL 180-11, FL 180-12, FL 180-13, FL 180-14, FL 180-15, FL 180-16, FL 180-17, FL 180-18, FL 180-7, FL 180-8, FL 180-9, FL 220-10, FL 220-11, FL 220-12, FL 220-13, FL 220-14, FL 220-15, FL 220-16, FL 220-17, FL 220-18, FL 220-7, FL 220-8, FL 220-9, FL 250-10, FL 250-11, FL 250-12, FL 250-13, FL 250-14, FL 250-15, FL 250-16, FL 250-17, FL 250-18, FL 250-7, FL 250-8, FL 250-9	2000→
✓	FL 408	1986→1989
✓	FL 608	1985→1999
✓	FL 610	1985→1994
✓	FL 611	1985→2000
✓	FL 612	1985→1999
✓	FL 614	1985→2000
✓	FL 615	1991→2000
✓	FL 618	1991→2000
✓	FL 619	1985→1994
✓	FL 7/230	1985→1998
✓	FL 7/260	1991→1998
✓	FL 7/290	1993→1998
✓	FS 718/230	1994→1996
✓	FS 718/260	1994→1996
✓	N 10/270	1973→1989
✓	N 10/300	1973→1989
✓	N7	1973→1980



35A
12V

Informação Técnica DENSO

REFERÊNCIAS DENSO:
021000-0081, 021000-0124, 021000-0160, 021000-0249, 021000-0250, 021000-0296, 021000-0351,021000-0457, 021000-0459, 021000-0503, 021000-0549,021000-1240, 021000-1241, 021000-1242, 021000-1601, 21000-1602, 021000-1603, 021000-1608, 021000-2490, 21000-2500, 021000-2960, 021000-2990, 021000-2991, 21000-3040, 021000-3061, 021000-4570, 021000-4590, 21000-5490, 021000-5600, 021000-6850, 021000-6851, 21000-6860, 021000-6861, 021000-8120, 021000-8680, 21000-9560, 021000-9561

APLICAÇÕES:

TOYOTA

✓	Corolla 1.2 Gasolina	1972-08→1980-12
✓	Dyna 2.0 Gasolina	1977-08→1984-08
✓	Starlet 1.0 Gasolina	1978-02→1984-09
✓	Starlet1.2 Gasolina	1978-10→1982-08
✓	FG25, FG20	

KOMATSU

✓	FG10-12, FG15-12, FG18-12	

DAIHATSU

✓	*Cuore 0.6 Gasolina	1982-08→1985-09
✓	Taft 1.6 Gasolina	1976-09→1985-02

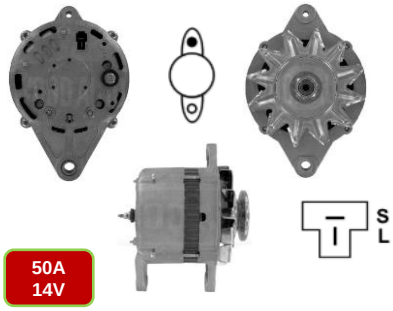
SUZUKI

✓	SJ 410 1.0 Gasolina	1981-09→1988-12

KUBOTA

✓	Engine Diesel	1985-01→

Ref. 06.110137 ■ 06.195001030+



50A
14V

Informação Técnica HITACHI

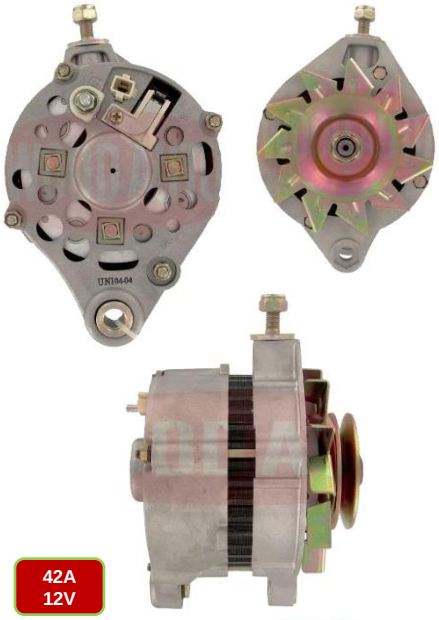
REFERÊNCIAS HITACHI:
Ir150-100, Ir150-101, Ir150-101b, Ir150-125, Ir150-125b, Ir150-177, Ir150-31, Ir150-35, Ir150-36, Ir150-50, Ir150-52, Ir150-53, Ir150-58, Ir150-66, Ir150-67, Ir150-98, Ir150-98b, Ir150-98e, Ir150-99, Ir150-99b

APLICAÇÕES:

NISSAN

✓	Bluebird 1.8 Gasolina	1980-01→1984-05
✓	Bluebird 2.0 Gasolina	1982-01→1983-12
✓	King Cab 1.6 Gasolina	1989-01→
✓	King Cab 2.0 Gasolina	1985-09→1998-02
✓	King Cab 2.4 Gasolina	1985-09→1992-04
✓	Cherry 1.3 Gasolina	1981-09→1986-10
✓	Cherry 1.4 Gasolina	1980-08→1981-07
✓	Cherry 1.5 Gasolina	1981-08→1986-10
✓	Cherry 1.0 Gasolina	1978-08→1986-05
✓	King Van 2.0 Gasolina	1986-11→1995-01
✓	Micra 1.0 Gasolina	1982-12→1989-12
✓	Pick-Up 2.2 Gasolina	1983-04→1986-03
✓	Pick-Up 2.4 Gasolina	1985-09→1992-04
✓	Pick-Up 1.8 Gasolina	1983-01→1986-03
✓	Pick-Up 2.0 Gasolina	1985-09→1991-08
✓	Prairie 1.5 Gasolina	1984-01→1987-12
✓	Sunny 1.5 Gasolina	1979-06→1986-10
✓	Sunny 1.3 Gasolina	1982-03→1990-09
✓	Sunny 1.4 Gasolina	→1982-02
✓	Sunny 1.6 Gasolina	1986-06→1989-05
✓	Urvan 2.0 Gasolina	1981-07→1997-05
✓	Vanette 1.5 Gasolina	1983-01→1995-12
✓	King Vanette 2.0 Gasolina	1986-09→1993-04
✓	King Vanette 1.5 Gasolina	1986-09→1995-07

Ref. 06.110168 ■ 06.AHI1019



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12V

Informação Técnica BOSCH

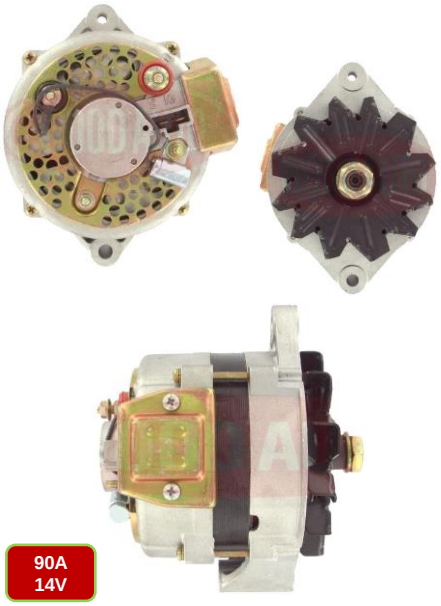
REFERÊNCIAS BOSCH / LADA:
BOSCH 0986032121, 3212, LADA 21013701005, 2101370100501, LRA00162, LRA162, 433482, 9AR5050

APLICAÇÕES:

LADA

✓	1200, 1300, 1500, 1600, RIVA 1200	
✓	NIVA 1600	1976→1995
✓	TOSCANA 1500	1983→1993

Ref. 06.110349



90A
14V

Informação Técnica DENSO

REFERÊNCIAS DENSO:
021000-7410, 021000-7420, 100211-0070, 100211-0071, 100211-0080, 100211-0081, 100211-0280, 100211-0281, 100211-0290, 100211-0291, 100211-0292, 100211-0790, 100211-5800

APLICAÇÕES:

JOHN DEERE

✓	4455 Diesel	1989-01→1992-06
✓	4450 7.6 Diesel	1983-05→1988-12

Ref. 06.110445

*As marcas e números originais servem apenas como referência, excepto onde mencionadas como tal.

37A
14V

Informação Técnica

Prestolite

REFERÊNCIA PRESTOLITE:
20110487

APLICAÇÕES:

THERMO KING

✓ HK100 Diesel	1989-01→
✓ HK30 Diesel	1989-01→
✓ HK60 Diesel	1989-01→
✓ Super II 30 MAX	1979-01→
✓ KD 30 Diesel	1989-01→
✓ KD 50 Diesel	1989-01→
✓ SB II 30 DI TC	1979-01→
✓ Sentry 30 DI TC	1979-01→
✓ TD II 30 Diesel	1989-01→
✓ TD II 50 MAX Diesel	1989-01→

Ref. 06.110487

65A
14V

Informação Técnica

Prestolite

REFERÊNCIAS PRESTOLITE:
110488, 8MR2085K

APLICAÇÕES:

THERMO KING

✓ HK 100 Diesel, HK 30 Diesel, HK 60 Diesel, KD 30 Diesel, KD 50 Diesel, TD II 30 Diesel, TD II 50 MAX Diesel	1989-01→
✓ Super II 30 MAX, SB II 30 DI TC, Sentry 30 DI TC	1979-01→

Ref. 06.995004037 ■ 06.110488

105A
14V

Informação Técnica

Delco Remy

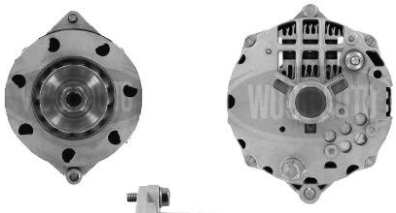
REFERÊNCIAS DELCO:
10463043, 10463114, 10463175, 1101191, 1101461, 1101605, 1105701, 321337, 321405, 321467

APLICAÇÕES:

CHEVROLET

✓ Beretta 2.2 Gasolina	1991-01→1996-12
✓ Corsica 2.2 Gasolina	1991-01→1996-12

Ref. 06.110503



94A
12V

Informação Técnica

Delco Remy Ford

REFERÊNCIAS DELCO / FORD:
10497079, 1101308, 1105402, 1105428, 1105441, 1105480, 1105506, 1105507, 1105582, 1105630, 10479850, 10495429, 1100257, 1100259, 1100270, 1101228, 1101268, 1101279, 1101298, 1105023, 1105049, 1105427, 1105494, 1105628, 1105634, 1105650, 1105673

APLICAÇÕES:

BUICK

✓ Century 5.7 Diesel	1978-04→1979-12

CASE

✓ 400 Series 485 Diesel	1989-01→1993-01

CHEVROLET

✓ Camaro 5.0	1970→1992
✓ Malibu 3.8 Gasolina	1980-01→1983-12
✓ Malibu 5.0 Gasolina	1980-01→1983-12

JEEP

✓ CJ5 - CJ8 2.5 Gasolina	1984-01→1987-12
✓ Wrangler 2.5 Gasolina	1988-01→1991-12
✓ Wrangler 4.2 Gasolina	1986-08→1989-08

Ref. 06.110508

25A
28V

Informação Técnica

NIKKO KOMATSU

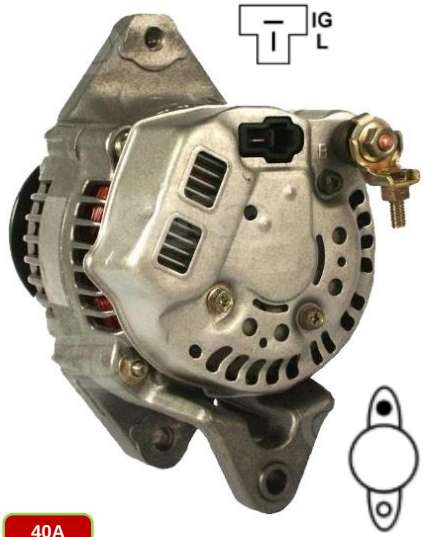
REFERÊNCIAS NIKKO / KOMATSU:
0-33000-2860, 0-33000-3070, 0-33000-5280, 0-33000-5860, 0-33000-5870, 0-33000-6511, 600-821-5580, 600-821-6110, 600-821-6120, 600-821-6130, 600-821-6140, 600-821-6160

APLICAÇÕES:

KOMATSU

✓ GD200, GD300, PC100, PC120, PC200-3, PC220, PC300, PC60B, PF5, PW200, WA40	

Ref. 06.110562 ■ 06.946001025+



40A
14V

Informação Técnica

DENSO

REFERÊNCIAS DENSO:
100211-4000, 100211-4001, 100211-4002, 100211-4003,100211-4004

APLICAÇÕES:

KOMATSU

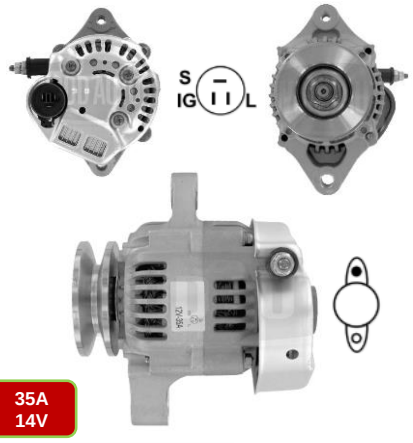
✓ Vários modelos de empilhadores	

TOYOTA

✓ Vários modelos de empilhadores	

Ref. 06.110564 ■ 06.195577040

*As marcas e números originais servem apenas como referência, excepto onde mencionadas como tal.



35A
14V

Informação Técnica DENSO Lucas

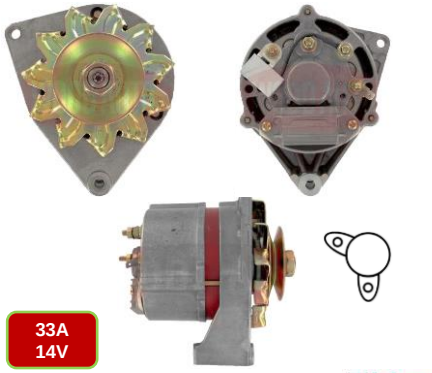
REFERÊNCIAS DENSO / LUCAS:
100211454, 1002114540, LRA01719, LRA1719

APLICAÇÕES:

TOYOTA

- ✓ 2FG 2FGL-9, 2FG 2FG-9, 2FG 2FGL-7, 2FG 2FG-7, 4SG 4SG-15, 4SG 4SG-10, 4SG 4SG-12, 5FD 5FD-20, 5FD 5FDL-18, 5FD 5FDL-25, 5FD 5FD-18, 5FD 5FDL-20, 5FD 5FDL-23, 5FD 5FD-10, 5FD 5FDL-15, 5FD 5FD-14, 5FD 5FDL-10, 5FD 5FDL-14, 5FD 5FD-15, 5FD 5FD-23, 5FD 5FD-25, 5FG 5FG10, 5FG 5FGL23, 5FG 5FG14, 5FG 5FG15, 5FG 5FG25, 5FG 5FG18, 5FG 5FGL15, 5FG 5FGL18, 5FG 5FG-30, 5FG 5FG20, 5FG 5FGL10, 5FG 5FGL-25, 5FG 5FG23, 5FG 5FGL20, 5FG 5FGL14, 5FG 5FG-28, 6FD 6FDL-20, 6FD 6FDL-14, 6FD 6FDL-15, 6FD 6FDL-18, 6FD 6FDL-23, 6FD 6FDL-10, 6FD 6FDL-25, 6FG 6FG-20, 6FG 6FG-23, 6FG 6FGL-25, 6FG 6FG-25, 6FG 6FG-30, 6FG 6FGL-10, 6FG 6FGL-14, 6FG 6FG-28, 6FG 6FG-14, 6FG 6FG-18, 6FG 6FGL-20, 6FG 6FGL-23, 6FG 6FG-10, 6FG 6FG-15, 6FG 6FGL-15, 6FG 6FGL-18

Ref. 06.110629 ■ 06.192527040+



33A
14V

Informação Técnica BOSCH Iskra

REFERÊNCIAS BOSCH / ISKRA:
0120300514, 0120339514, 0120339531, 0120339552, 11.201.027, 11.201.096, 11.201.372, 11.201.501, aag1301, aag1311, aag1328

APLICAÇÕES:

DEUTZ-FAHR

✓	D 6807 3.8 Diesel	1986-06→
✓	D 2807 1.9 Diesel	1986-06→
✓	D 3607 1.9 Diesel	1986-06→
✓	D 7007 3.8 Diesel	1986-06→
✓	DX3	
✓	Intrac 2004 3.8 Diesel	1978-05→1988-12
✓	Intrac 2003 3.8 Diesel	1974-09→1980-05
✓	M 1080 4.7 Diesel	1981-01→
✓	M 1202 5.7 Diesel	1980-01→
✓	M 980 3.8 Diesel	1981-01→

CASE

✓	1000, 431, 744, 946	
✓	321, 421, 554, 531, 644,	1976-10→
✓	844	1974-01→1990-12

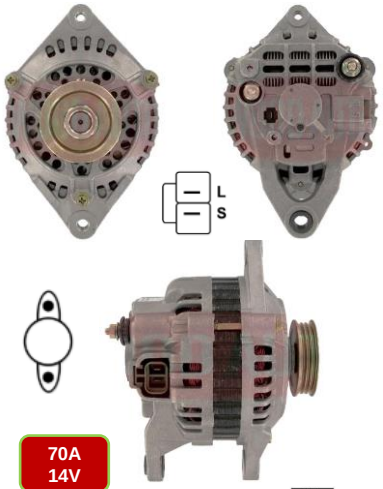
LAMBORGHINI

- ✓ *500 Series, 600 Series, R Series

LIEBHERR

- ✓ R 981

Ref. 06.110641 ■ 06.565002033+



70A
14V

Informação Técnica Delco Remy Ford

REFERÊNCIAS DELCO / FORD:
F8B118300, F8B118300A, F8B118300B, F8B118300C, F8B118300D, F8B118300E, GLE257

APLICAÇÕES:

MAZDA

✓	626 1.6	1979→1992
✓	626 1.8	1987→2002
✓	626 2.0	1979→2002
✓	626 2.0 12V	1987→1992
✓	626 2.0 16V	1987→1992
✓	626 2.0 4x4	1989→1991
✓	626 2.0i 16V	1994→1997
✓	626 2.2 12V	1987→1996
✓	626 2.2 12V 4WD	1987→1992
✓	MX-6 2.2i Turbo	1987→1991

Ref. 06.110664

45A
28V

Informação Técnica Delco Remy

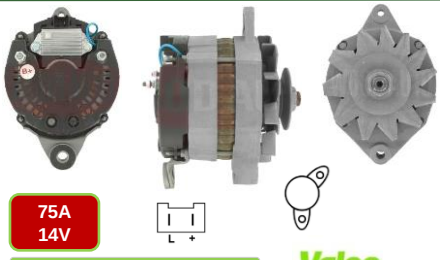
REFERÊNCIAS DELCO:
1117615, 1117619, 1117622, 1117623, 1117640, 1117642, 1117643, 1117644, 1117645, 1117647, 1117650, 1117655, 321-660, 321-665

APLICAÇÕES:

CATERPILLAR

- ✓ 0R2698, 0R5217, 3N2702, 3N2706, 3T6352, 3Y6691, 3Y8200, 5A8908, 5N5692, 6N5217, 6N9249, 7N9720, 7T6172, 9G8255, OR2698, OR5217

Ref. 06.110801 ■ 06.20-118



75A
14V

Informação Técnica Valeo

REFERÊNCIAS VALEO:
2541204, 2541324, 2929500, 432783, 433453, 9AR2950P, A14N144, A14N163, A14N4, A14R25, A14R25T

APLICAÇÕES:

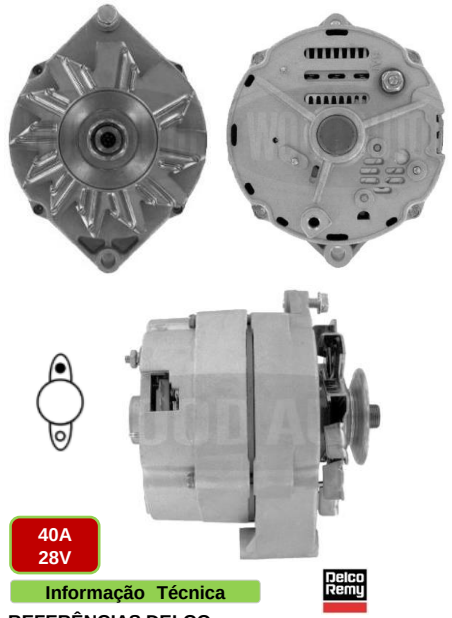
OPEL / VAUXHALL

✓	ARENA 2.5D	1997→2001

RENAULT

✓	MASTER 2.4D	1980→1998
✓	MASTER 2.5D	1980→1989
✓	MASTER 2.5DT	1989→1998
✓	MASTER 28-35 2	
✓	MASTER 28-35 2.4D	1980→1989
✓	MASTER 28-35 2.5D	1980→1998
✓	MASTER 35 2	
✓	TRAFIC 2.0	1980→1991
✓	TRAFIC 2.5D	1980→2001
✓	TRAFIC 2.5D 4x4	1989→2001
✓	B70	1983→1990
✓	B90	1986→1992
✓	B90 4x4	1990→1992
✓	MASCOTT 90	1999→2004
✓	MASCOTT 90.35	1999→2001
✓	MESSENGER B110.45 16V 4x4	1996→1999
✓	MESSENGER B110.45 4x4	1996→1999
✓	MESSENGER B120.35	1996→1999
✓	MESSENGER B120.55	1994→1999
✓	MESSENGER B120.55T	1994→1999
✓	MESSENGER B120.65	1994→1999
✓	MESSENGER B80.35	1990→1999
✓	MESSENGER B80.45	1990→1999

Ref. 06.110889 ■ 06.575017075+



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28V

Informação Técnica Delco Remy

REFERÊNCIAS DELCO:
1101204, 1102918, 1102919, 1103031, 1103123, 1105510, 1105537

APLICAÇÕES:

CASE

✓	W14, W36, W24, W18, W30, 1450, 780	
✓	580 Diesel	1983-01→1988-01
✓	680 Series	1983-01→1988-01

FIAT-ALLIS

- ✓ Diversos modelos agrícolas

Ref. 06.110952

* As marcas e números originais servem apenas como referência, excepto onde mencionadas como tal.

55A
14V

Informação Técnica **BOSCH**

REFERÊNCIAS BOSCH:

0120489232, 0120489233, 0120489234, 0120489300, 0120489301, 0120489302, 0120489323, 0120489324, 0120489331, 0120489332, 0120489333, 0120489354, 0120489355

APLICAÇÕES:

CITROËN

✓	BX TRD Turbo	1988→1994

MERCEDES-BENZ

✓	190D (201.128)	1988→1993
✓	190E	1982→1988
✓	2.0 (201.022)	1982→1984
✓	2.0 (201.023)	1984→1990
✓	2.3	1987→1988
✓	2.3E	1982→1988
✓	2.6	1982→1988
✓	D (201.122)	1983→1989
✓	D (201.126)	1985→1993
✓	D 2.0 (201.122)	1983→1993
✓	D 2.5 (201.126)	1985→1993
✓	E	1986→1991
✓	E (201.028)	1986→1993
✓	E (201.029)	1986→1993
✓	E 1.8 (201.018)	1990→1993
✓	E 2.0	1982→1993
✓	E 2.0 (201.024)	1982→1993
✓	E 2.3	1986→1991
✓	E 2.3 (201.028)	1986→1993
✓	E 2.3-16	1985→1988
✓	E 2.3-16 (201.034)	1984→1987
✓	E 2.5-16	1988→1993
✓	E 2.6	1986→1989
✓	E 2.6 (201.029)	1986→1993
✓	E Evolution II 2.5	1990→1993
✓	Turbo-D 2.5 (201.128)	1988→1993
✓	COUPE 230 CE (124.043)	1987→1992
✓	COUPE 300 CE	1987→1989
✓	COUPE 300CE (124.050)	1987→1993
✓	E200D (124.120)	1993→1995
✓	E250TD (124.186)	1993→1996
✓	E250 Turbo D	1993→1996
✓	E250 Turbo-D (124.128)	1993→1995
✓	E300 4-matic (124.230)	1993→1995
✓	E300T 4-matic (124.290)	1993→1996
✓	E300T Turbo-D (124.193)	1993→1996
✓	E300T Turbo-D (210.225)	1996→1999
✓	E300T Turbo-D4-matic (124.393)	1993→1996
✓	E300 Turbo-D (124.133)	1993→1995
✓	E300 Turbo-D 4-matic (124.333)	1993→1995
✓	KOMBI 200T (124.080)	1985→1990
✓	KOMBI 200TD (124.180)	1985→1991
✓	KOMBI 200TD (124.180)	1988→1991
✓	KOMBI 200TE	1988→1989
✓	KOMBI 200TE (124.081)	1988→1992
✓	KOMBI 230TE (124.083)	1985→1992
✓	KOMBI 230TE (124.083) CAT	1989→1992
✓	KOMBI 250TD (124.185)	1985→1993
✓	KOMBI 250TD Turbo (124.188)	1988→1993
✓	KOMBI 260TE FGST.	1985→1989
✓	KOMBI 300TD (124.190)	1986→1993
✓	KOMBI 300T Turbo-D	1986→1989
✓	KOMBI 300T Turbo-D (124.193)	1989→1993
✓	KOMBI 300T Turbo-D 4-matic (124.393)	1986→1993
✓	KOMBI 300TD (124.193)	1989→1993
✓	KOMBI 300TE (124.090)	1986→1992
✓	KOMBI 300TE 4-matic (124.290)	1986→1993
✓	O City	1994→
✓	S3.8	1980→1984
✓	S380 SEC (126.043)	1981→1985
✓	S500 SEC (126.044)	1980→1991
✓	SALOON 200	1976→1990
✓	SALOON 200 (124.020)	1985→1990
✓	SALOON 200D (124.120)	1984→1993
✓	SALOON 200E (124.021)	1988→1992
✓	SALOON 230E (124.023)	1984→1993
✓	SALOON 230E (124.023) CAT	1989→1993
✓	SALOON 250D (124.125)	1985→1993
✓	SALOON 250 Turbo-D (124.128)	1988→1993
✓	SALOON 260E (124.026)	1985→1992
✓	SALOON 260E 4-matic (124.226)	1986→1992
✓	SALOON 300D (124.130)	1984→1993
✓	SALOON 300D 4-matic (124.330)	1986→1993
✓	SALOON 300E (124.030)	1985→1992
✓	SALOON 300E 4-matic	1986→1992
✓	SALOON 300E 4-matic (124.230)	1986→1993
✓	SALOON 300E-24 (124.031)	1988→1992
✓	SALOON 300 Turbo-D (124.133)	1986→1993
✓	SALOON 300 Turbo-D 4-matic (124.333)	1986→1993
✓	300 SL (107.041)	1985→1989
✓	380 SL (107.045)	1980→1985
✓	380 SLC (107.025)	1980→1981
✓	420 SL (107.047)	1986→1989
✓	500 SL (107.046)	1980→1989
✓	T1 208D 2.3	1988→1996
✓	T1 210 2.3	1977→1996
✓	T1 210D 2.8	1988→1996
✓	T1 210D 2.9	1988→1996
✓	T1 308D 2.3	1988→1996
✓	T1 310 2.3	1982→1996
✓	T1 310D 2.9	1989→1996
✓	T1/TN 408D (611.317), T1/TN 410 (611.017), T1/TN 410D (611.417), T1/TN 410D (611.467), T2/LN1 508D (667.301), T2/LN1 508D (667.361), T2/LN1 510 (667.001), T2/LN1 510 (667.061), S380 SE, S500 SE	

PEUGEOT

✓	305 1.6	1982→1988
✓	405 1.8TD	1988→1992
✓	405 1.8 Turbo Diesel	1988→1992
✓	405 1.9 All-wheel Drive	1987→1992

Ref. **06.110923**

65A
14V

Informação Técnica **BOSCH**

REFERÊNCIAS BOSCH / FIAT / MARELLI:

0120488207, 0120489126, 0120489127, 0120489128, 0120489129, 0120489187, 0120489188, 0120489218, 0120489348, 0120489400, 0120489738, 0120489739, 0986030940, 0986030941, 0986033250, 0986033251, 0986034640, 3094, 3325, 3464, 63305101, 63305131, 63305401, 63305431, 63307101, 63307131, 63307401, 63307431, 63307441, 63307604, 63307624, 63307634, 63320004, 63320005, 63320006, 63320028, 63320035, 63321003, 63321005, 63321006, 63321007, 63321023, 63321058, 63321070, 7541823, 7546759, 7580207, 7580208

APLICAÇÕES:

AUTOBIANCHI

✓	Y10 1.0, Y10 1.0 Turbo	1985→1995
✓	Y10 1.1, Y10 1.1 4WD	1989→1995
✓	Y10 1.1 i.e.. CAT	1990→1995
✓	Y10 1.3 i.e.. GT	1989→1995

INNOCENTI

✓	ELBA 1.3 (146CW)	1991→1996
✓	ELBA 1.5 i.e.. (146C9)	1992→1994
✓	KORAL 55	1990→1992

FIAT

✓	126 650	1977→2000
✓	126 700	1987→1996
✓	127 1.0	1972→1986
✓	127 1.0 Sport	1978→1982
✓	127 1.3 D	1981→1986
✓	127 1.3 Sport	1981→1983
✓	128 1.1	1969→1984
✓	128 1.1 (AF)	1969→1982
✓	128 1.3 (AC)	1972→1979
✓	128 1.3 Berlinetta (AC)	1975→1979
✓	128 1.3 Rally (AR)	1971→1976
✓	128 1.3 Sport	1974→1984
✓	147 1.0	1976→1995
✓	DUCATO 1.9D	1987→2002
✓	DUCATO 1.9D Combi	1995→2002
✓	FIORINO 1.0	1980→1995
✓	FIORINO 1.1	1987→1988
✓	FIORINO 1.1 60	1986→1988
✓	FIORINO 1.3	1978→1998
✓	FIORINO 1.5	1988→1993
✓	FIORINO 1.5iE	1988→1992
✓	FIORINO 1050	1980→1987
✓	FIORINO 60 1.1	1988→1993
✓	FIORINO 70	1988→1994
✓	FIORINO 70 1.3	1988→1994
✓	FIORINO 75i.e. 1.5	1988→1993
✓	PANDA 650	1982→2004
✓	REGATA 100 Super 1.6	1983→1990
✓	REGATA 70 1.3, 75 1.5	1983→1989
✓	REGATA 75 1.5i.e. CAT	1986→1989
✓	REGATA 75i.e. 1.5	1985→1989
✓	REGATA 85 1.5	1984→1989
✓	REGATA 85 1.6	1983→1990
✓	REGATA 85 Super 1.5	1983→1985
✓	STRADA 100 1.6, 105 1.6	1983→1987
✓	STRADA 105 Sport 1.6	1981→1982
✓	STRADA 125TC Abarth 2.0	1981→1987
✓	STRADA 130TC Abarth 2.0	1983→1987
✓	STRADA 50 1.3	1985→1987
✓	STRADA 60 1.0	1978→1982
✓	STRADA 60 1.1, 65 1.3	1982→1987
✓	STRADA 70 1.3	1983→1985
✓	STRADA 75 1.3	1981→1982
✓	STRADA 75 1.5	1978→1988
✓	STRADA 75 1.5 CAT	1985→1988
✓	STRADA 75i.e. 1.5	1985→1987
✓	STRADA 85 1.5	1980→1989
✓	STRADA 90 1.6i.e.	1985→1987
✓	TEMPRA	1990→1993
✓	TEMPRA 1.4i.e. (159.AC)	1991→1996
✓	TEMPRA 1.6	1990→1996
✓	TEMPRA 1.6i.e. (159.AE)	1990→1992
✓	TEMPRA 1.6i.e. (159.AJ)	1994→1996
✓	TEMPRA 1.6i.e. (159.AS)	–
✓	TIPO 1.4 (160.AC)	1987→1989
✓	TIPO 1.4i.e.	1989→1995
✓	TIPO 1.4i.e. (160.AP)	-
✓	TIPO 1.6	1988→1995
✓	TIPO 1.6 (160.AE), 1.6i.e.	1988→1991
✓	TIPO 1.6SX DGT	1989→1995
✓	TIPO 1.6i.e. (160.A1)	-
✓	TIPO 1.6i.e. (160.AF)	1990→1993
✓	UNO 1.0	1989→2010
✓	UNO 1.1	1988→2006
✓	UNO 1.3 Turbo i.e..	1985→1991
✓	UNO 1.4	1988→2001
✓	UNO 1.4 Turbo i.e..	1989→1996
✓	UNO 55 1.1	1983→1989
✓	UNO 60 (146A.EG)	1985→1989
✓	UNO 60 1.1	1988→1992
✓	UNO 60 1.1 (146A.EG)	1985→1989
✓	UNO 70 1.3	1983→1989
✓	UNO 70 S 1.4	1989→1992
✓	UNO 70 i.e.. 1.4	1989→1993
✓	UNO 75 i.e.. 1.5	1985→1993
✓	X 1.5	1978→1989
✓	X 1.5	1985→1989

FORD

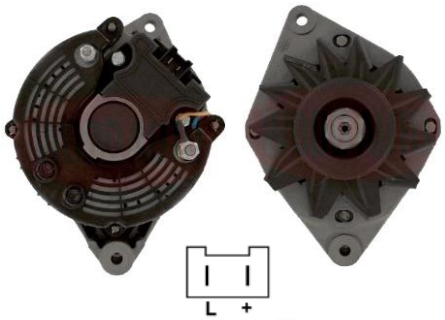
✓	CAPRI 1.3	1974→1985
✓	CORTINA 2.0	1975→1979
✓	CORTINA 2.3	1975→1979
✓	GRANADA 2.0	1972→1993
✓	GRANADA 2.3	1972→1985
✓	GRANADA 2.8	1977→1985
✓	SIERRA 2.0	1982→1993
✓	SIERRA 2.3	1982→1986

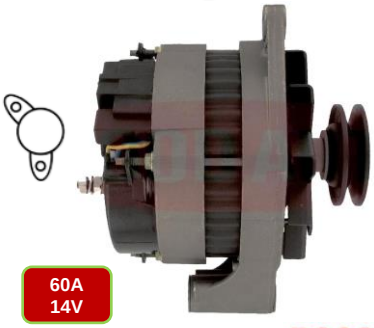
LANCIA

✓	DELTA 1.1 (831AB.015	1986→1990
✓	DELTA 1.3	1983→1992
✓	DELTA 1.3 (831AB.011)	1979→1992
✓	DELTA 1.4i.e. (836AF)	-
✓	DELTA 1.5 (831AB.025)	1979→1992
✓	PRISMA 1.3	1983→1992
✓	PRISMA 1.5	1983→1992
✓	PRISMA 1.6	1983→1992
✓	PRISMA 1.6 i.e..	1986→1989
✓	PRISMA 1.9 Diesel	1983→1992
✓	Y10 1.0 Fire (156C)	1985→1989
✓	Y10 1.0 Turbo (156D)	1985→1989
✓	Y10 1.1 i.e.. (156AC)	1989→1992
✓	Y10 1.1 i.e. AWD (156AC)	1989→1992
✓	Y10 1.1 i.e.. Fire (156AG)	1989→1995
✓	Y10 1.3 i.e.. Fire (156AB)	1987→1993
✓	Y10 1.3 i.e.. Fire (156AF)	1989→1995

Ref. **06.111035**

* As marcas e números originais servem apenas como referência, excepto onde mencionadas como tal.





60A
14V

Informação Técnica BOSCH

REFERÊNCIAS BOSCH:
0986034740, 0986034741, 3474, 9120144267, 9120144268, 9120144277, 9120144278

APLICAÇÕES:

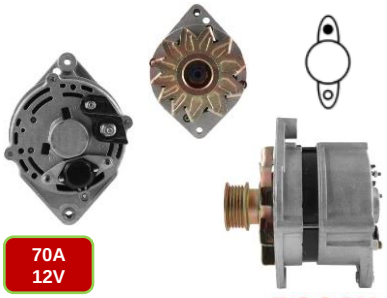
MERCEDES-BENZ

✓	T1 307D 2.4	1977→1983
✓	T1 307D 2.4	1977→1990
✓	T1 307D 2.4	1982→1990

RENAULT

✓	11 1.1 (B/C371), (S371)	1983→1986
✓	11 1.2 (B/C37S), (S37S)	1984→1988
✓	11 1.4 (B/C372), (B/C373)	-
✓	11 1.4 (B/C373)	1983→1985
✓	11 1.4 (S372)	1983→1986
✓	11 1.4 Turbo (B/C375)	1984→1986
✓	19 1.2	1988→2001
✓	19 1.4 (532), (B/C532)	1992→1995
✓	19 1.4 (B/C532) CAT	1989→1992
✓	19 1.4 (B/C53P)	1989→1989
✓	19 1.4 (L532)	-
✓	21 1.4 (B48D), (L48D)	1988→1993
✓	5 1.1 (1227)	-
✓	9 1.1 (L421)	1981→1987
✓	9 1.2 (L42S)	1985→1988
✓	9 1.4	1986→1987
✓	9 1.4 (L422)	-
✓	9 1.4 (L423)	1981→1985
✓	9 1.4 Automatik (L423)	1981→1985
✓	9 1.4 Turbo	1986→1989
✓	9 1.4 Turbo (L425)	1984→1986
✓	9 1.7 (L426)	1984→1989
✓	9 1.7 (L42L)	1986→1988
✓	9 1.7 (L42N)	1986→1988
✓	CLIO 1.1	1991→1998
✓	CLIO 1.2	1991→1998
✓	CLIO 1.2	2001 -
✓	CLIO 1.2 (B/C/S577)	1996→1996
✓	CLIO 1.7 (B/C574)	1991→1993
✓	EXTRA 1.0	1985→1995
✓	EXTRA 1.1 (F401)	1985→1995
✓	EXTRA 1.1 (F40H)	1987→1991
✓	EXTRA 1.2	1991→1998
✓	EXTRA 1.2 (F406)	-
✓	EXTRA 1.4 (F402)	1985→1991
✓	EXTRA 1.4 (F407) CAT	1988→1998
✓	EXTRA 1.4 (F40M)	1986→1991
✓	FUEGO 1.6	1983→1985
✓	SUPER 5 1.0 (B/C/400)	1984→1988
✓	SUPER 5 1.0 (S400)	1984→1988
✓	SUPER 5 1.1	1989→1990
✓	SUPER 5 1.1 (B/C/401)	1984→1988
✓	SUPER 5 1.1 (S401)	1984→1996
✓	SUPER 5 1.2 (B/C40F)	1987→1990
✓	SUPER 5 1.2 (S40F)	-
✓	SUPER 5 1.4 (B/C/407) CAT	1985→1996
✓	SUPER 5 1.4 (B/C402)	1984→1988
✓	SUPER 5 1.4 (B/C403)	1984→1989
✓	SUPER 5 1.4 (B/C40J)	1987→1989
✓	SUPER 5 1.4 (B/C40M)	1987→1990
✓	SUPER 5 1.4 Turbo	1985→1989
✓	SUPER 5 1.4 Turbo (C405)	1985→1990
✓	SUPER 5 1.4 Turbo GT (C405)	1985→1991

Ref. 06.111082 ■ 06.575008065R



70A
12V

Informação Técnica BOSCH

REFERÊNCIAS BOSCH:
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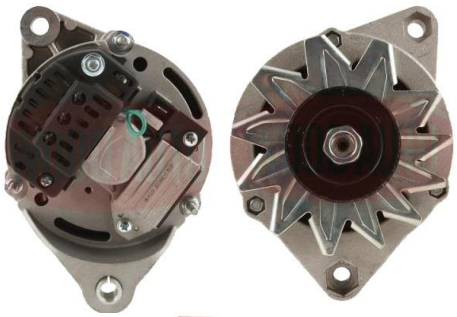
APLICAÇÕES:

OPEL

✓	ASTRA 1.4	1991→2012
✓	ASTRA 1.4 Si	1992→2001
✓	ASTRA 1.4 i	1990→2005
✓	ASTRA 1.6	1984→
✓	ASTRA 1.6 Si	1991→1994
✓	ASTRA 1.6 i	1987→2005
✓	KADETT 1.6	1986→1993
✓	KADETT 1.6 S	1977→1991
✓	KADETT 1.6 i	1986→1994
✓	KADETT 1.6 i CAT	1986→1993
✓	OMEGA 1.8	1986→1994
✓	OMEGA 1.8 N	1986→1988
✓	OMEGA 1.8 S	1986→1994
✓	OMEGA 2.0	1986→2000
✓	OMEGA 2.0 i	1986→1994
✓	VECTRA 1.4 S	1988→1992
✓	VECTRA 1.6	1988→
✓	VECTRA 1.6 S	1988→1993
✓	VECTRA 1.6 i CAT	1988→1995

Ref. 06.111170



65A
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Informação Técnica BOSCH FIAT MAGNETI MARELLI

REFERÊNCIAS BOSCH / FIAT / MARELLI:
0120488140, 0120488207, 0120488235, 0120488275, 0120489128, 0120489129, 0120489263, 0120489348, 0120489400, 0120489942, 0120489943, 46207936, 46231690, 46231691, 46231721, 63320016, 63320048, 63320073, 63320082, 63320132, 63321091, 63321097, 63321098, 63321137, 63321149, 63321150, 63321156, 63321157, 7648126, 7651051, 7702241, 7702242

REFERÊNCIAS BOSCH:
0120488140, 0120488207, 0120488235, 0120488275, 0120489128, 0120489129, 0120489263, 0120489348, 0120489400, 0120489942, 0120489943

APLICAÇÕES:

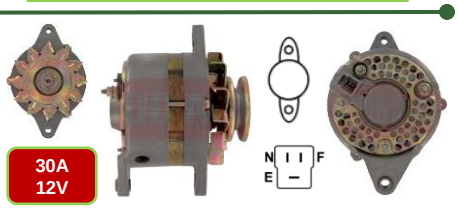
FIAT

✓	FIORINO	1.4	
✓	FIORINO	1.6	1991→2001
✓	FIORINO	70 i.e.. 1.4	1994→2001
✓	FIORINO	75 i.e.. 1.6	1993→2001
✓	PANDA 750 (141AM) CAT		1995→2003
✓	PANDA 900		1980→1996
✓	REGATA 75 1.5		1983→1989
✓	REGATA 75 1.5 i.e.. CAT		1986→1989
✓	REGATA 85 1.5		1984→1989
✓	REGATA 85 Super 1.5		1983→1985
✓	STRADA 75 1.5 CAT		1985→1988
✓	STRADA 75 i.e.. 1.5		1985→1987
✓	STRADA 85 1.5		1980→1989
✓	STRADA 90 1.6 i.e..		1985→1987
✓	TEMPRA 1.4 i.e.. (159.AC		1991→1996
✓	TEMPRA 1.6		1990→1996
✓	TEMPRA 1.6 i.e.. (159.AE)		1990→1996
✓	TEMPRA 1.6 i.e.. (159.AJ)		1994→1996
✓	TEMPRA 1.6 i.e.. (159.AS)		-
✓	TIPO 1.4 (160.AC)		1987→1989
✓	TIPO 1.4 i.e..		1989→1995
✓	TIPO 1.4 i.e.. (160.AP)		-
✓	TIPO 1.6		1988→1995
✓	TIPO 1.6 (160.AE)		1988→1991
✓	TIPO 1.6 i.e..		1988→1991
✓	TIPO 1.6 i.e.. (160.A1)		-
✓	TIPO 1.6 i.e.. (160.AF)		1990→1993
✓	UNO 1.3 Turbo i.e..		1985→1991
✓	UNO 1.4		1988→2001
✓	UNO 70S 1.4		1989→1992
✓	UNO 70 i.e.. 1.4		1989→1993

LANCIA

✓	DEDRA 1.6 (835EB)	1994→1999
✓	DEDRA 1.6 16V (835EI)	1996→1999
✓	DEDRA 1.6 LE (835EB) CAT	1994→1999
✓	DEDRA 1.6 i.e.. (835AA)	1989→1994
✓	DEDRA 1.6 i.e.. (835AB)	1989→1993
✓	DEDRA 1.6 i.e.. (835AN)	1993→1999
✓	DELTA 1.4 i.e.. (836AF)	-
✓	DELTA 1.5 (831AB.025)	1979→1992
✓	DELTA 1.6 i.e.. (836AD)	1993→1999
✓	DELTA 1.6 i.e.. (836AP)	1996→1999
✓	PRISMA 1.5	1983→1992
✓	PRISMA 2.0 i.e.. All-wheel Drive	1986→1989

Ref. 06.111148



30A
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Informação Técnica BOSCH DENSO

REFERÊNCIAS BOSCH / DENSO:
0986032381, 0986032401, 3238, 3240, 0210000503, 0210000719, 0210000810, 0210000811, 0210000812, 0210000813, 0210000814, 0210000841, 0210001080, 0210001081, 0210001082, 0210001083, 0210001084, 0210001240, 0210001241, 0210001242, 0210001331, 0210001600, 0210001602, 0210002490, 0210002500, 0210002840, 0210002923, 0210002960, 0210002990, 0210002991, 0210003060, 0210003061, 0210003140, 0210003520, 0210003910, 0210003940, 0210004030, 0210004060, 0210004070, 0210004500, 0210004550, 0210004570, 0210004590, 0210005070, 0210005140, 0210005220, 0210005411, 0210005450, 0210005490, 0210005600, 0210005670, 0210006370, 0210006410, 0210006440, 0210006600, 0210006700, 0210006840, 0210006900, 0210007240, 0210007250, 021000812, 021000813, 021000814, 0210008140, 0210008610, 0210008620, 0210008640, 0210008670, 0210008680, 0210009560, 0210009561, 0210009590, 1210000530, 1210000600, 1210000980, 1210001340

APLICAÇÕES:

DAIHATSU

✓	MIRA 0.5 (L55)	1980→1985
✓	MIRA 0.6 (L60)	1982→1985
✓	MOVE 0.8	1996 -
✓	TAFT 1.6D 4x4 (F20)	-

SUZUKI

✓	CARRY 0.8	1980→1985
✓	SUZUKI LJ	1980→1984
✓	SUZUKI LJ 0.8	1980→1984
✓	SUZUKI SJ 1.0 (SJ410)	1981→1988

TOYOTA

✓	1000 1.0	1969→1988
✓	COROLLA 1.2 (KE20)	-
✓	HIACE 1.6	1979→1982
✓	HIACE 1.6 (RH20-30)	1977→1983
✓	STARLET 1.0	1974→1978
✓	STARLET 1.0 (KP60)	1978→1984
✓	STARLET 1.2 S (KP62)	1978→1982

Ref. 06.111195

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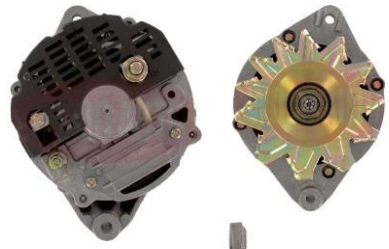

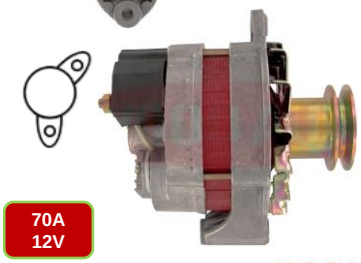

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Informação Técnica BOSCH

REFERÊNCIAS BOSCH:
0120489425, 0120489432, 0120489433, 0120489434, 0120489435, 0120489495, 0120489496, 0986034560, 0986036510, 3456, 3651

APLICAÇÕES:

VOLKSWAGEN

✓	CADDY 1.6D	1982→1992
✓	TRANSPORTER 1.6D	1981→1987
✓	TRANSPORTER 1.6 TD	1984→1992
✓	TRANSPORTER 1.6 TD Syncro	1986→1992
✓	TRANSPORTER 1.7D	1985→1992
✓	TRANSPORTER / CARAVELLE 1.6D	1981→1987
✓	TRANSPORTER / CARAVELLE 1.6TD	1984→1992
✓	TRANSPORTER / CARAVELLE 1.6TD Syncro	1986→1992
✓	TRANSPORTER / CARAVELLE 1.7	1986→1992

Ref. 06.111287

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12V

Informação Técnica Valeo

REFERÊNCIAS VALEO:
2518039, 2541191, 2541451, 2541827, 2927120, 436378, 436638, 436676, 439067, 439181, 439185, 510803, 510816, 510818, 510819, 518039, 9AR2712P, 9AR2738P, 9AR2740P, 9AR2741P, A13N147M, A13N148M, A13N149M, A13N186M, A13N1M, A13N234, A13N259, A13N285, A13N2M

APLICAÇÕES:

VOLVO

✓	Penta
✓	Marine

Ref. 06.111397 ■ 06.815019055+

75A
14V

Informação Técnica

REFERÊNCIAS FIAT / MAGNETI MARELLI:
46436507, 63221604, 63320258, 63321235, 63321281, 63321300, 63321364, 63321603, 63321604, 71721156, 7779821

APLICAÇÕES:

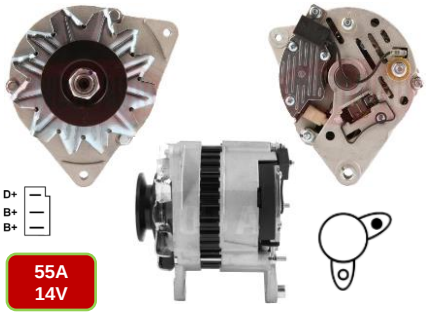
FIAT

✓	Dobló 1.2 Gasolina	2001-03→
✓	Palio 1.2 Gasolina	1996-04→
✓	Punto 1.2 Gasolina	1993-09→2000-06
✓	Strada 1.2 Gasolina	1999-06→2005-03

LANCIA

✓	Y 1.2 Gasolina	1996-03→2003-09
✓	Y 1.1 Gasolina	1995-11→2003-09

Ref. 06.111505 ■ 06.505512075



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Informação Técnica BOSCH Lucas

REFERÊNCIAS BOSCH / LUCAS:
0986036560, 0986044571, 3656, 4457, 23868, 24011, 24018, 24032, 24044, 24047, 24093, 24100, 24125, 24129, 24145, 24155, 24161, 24168, 24198, 24228, 24240, 24380, 54022196, 54022196A, 54022234E, 54022265, 54022265B, 54022349, 54022379, 54022389, 54022390, 54022392D, 54022510, 54022586A, 54022589A, 54022590, 54022591, 54022628, 54022646, LRA00177, LRA00382, LRA00462, LRA00463, LRA00497, LRA00653, LRA00693, LRA177, LRA382, LRA462, LRA463, LRA497, LRA653, LRA693, NAB100, NAB200, NAB205, NAB207, NAB405, NAB406, NAB411

APLICAÇÕES:

FORD

✓	CAPRI 1.3	1974→1985
✓	CORTINA1.3, 1.6, 2.0	1975→1979
✓	COURIER 1.3	1991→1999
✓	ESCORT 1.1, 1.3	1974→1990
✓	ESCORT 1.4	1985→1999
✓	ESCORT 1.4i	1993→1995
✓	ESCORT 1.6	1980→1996
✓	ESCORT 1.6 16V XR3i	1992→1999
✓	ESCORT 1.6D	1984→1989
✓	ESCORT 1.6 RS Turbo	1984→1985
✓	ESCORT 1.6 XR3i	1982→1990
✓	ESCORT 1.6i	1983→1990
✓	ESCORT 1.6i 16V	1992→1999
✓	ESCORT 1.8D	1989→1999
✓	ESCORT 1.8 Turbo D	1995→1999
✓	FIESTA 1.0	1983→2013
✓	FIESTA 1.0 (FBD)	1983→1989
✓	FIESTA 1.1	1976→1995
✓	FIESTA 1.1 (FBD)	1983→1989
✓	FIESTA 1.1	1976→1995
✓	FIESTA 1.1 (FBD)	1983→1989
✓	FIESTA 1.3	1977→2005
✓	FIESTA 1.3 (FBD)	1983→1987
✓	FIESTA 1.3 CAT	1991→1997
✓	FIESTA 1.4	1983→2008
✓	FIESTA 1.4 (FBD)	1985→1989
✓	FIESTA 1.4 CAT	1989→1995
✓	FIESTA 1.6	1985→2008
✓	FIESTA 1.6D	1983→1989
✓	FIESTA 1.6D (FBD)	1984→1989
✓	FIESTA 1.6 Turbo (FBJT)	1990→1992
✓	FIESTA 1.6 XR2	1981→1983
✓	FIESTA 1.6 XR2 (FBD)	1984→1989
✓	FIESTA 1.6 XR2i	1989→1994
✓	GRANADA 2.0	1972→1993
✓	GRANADA 2.3	1972→1985
✓	GRANADA 2.8	1977→1985
✓	GRANADA 2.8i	1977→1986
✓	GRANADA 2.8i 4x4	1985→1986
✓	ORION 1.3	1983→1993
✓	ORION 1.4	1985→1993
✓	ORION 1.4 CAT	1987→1990
✓	ORION 1.6	1983→1992
✓	ORION 1.6D	1984→1989
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✓	ORION 1.6i CAT	1986→1990
✓	ORION 1.8D	1989→1993
✓	P 1.6	1982→1987
✓	P 2.0	1987→1992
✓	SIERRA 1.3	1982→1986
✓	SIERRA 1.6	1982→1993
✓	SIERRA 1.8	1984→1993
✓	SIERRA 2.0	1982→1993
✓	SIERRA 2.0i	1985→1993
✓	SIERRA 2.0i CAT	1987→1993
✓	SIERRA 2.3	1982→1986
✓	SIERRA 2.3D	1982→1993
✓	SIERRA 2.8 4x4	1987→1988
✓	SIERRA 2.8 XR 4x4	1985→1986
✓	SIERRA 2.8 XR4i	1982→1986
✓	SIERRA 2.8i XR 4x4	1983→1993
✓	TRANSIT 1.6 (TAS)	1985→1992
✓	TRANSIT 1.6 (TBL), (VAS), (VCS)	-
✓	TRANSIT 1.6 (WS)	1977→1986
✓	TRANSIT 2.0	1985→2000
✓	TRANSIT 2.0 (EME/L/S), (TAL), (TBS), (TTE)	-
✓	TRANSIT 2.0 (TUL) CAT	1985→1992
✓	TRANSIT 2.0 (VGL), 2.0i (EAL), (EBL)	-
✓	TRANSIT 2.4 D (VAS), (VGL)	-
✓	TRANSIT 2.4 D (VVS)	1977→1986

LAND ROVER

✓	90/110 2.5 TD 4x4	1986→1990
✓	DEFENDER 2.5 90	-

RANGE ROVER

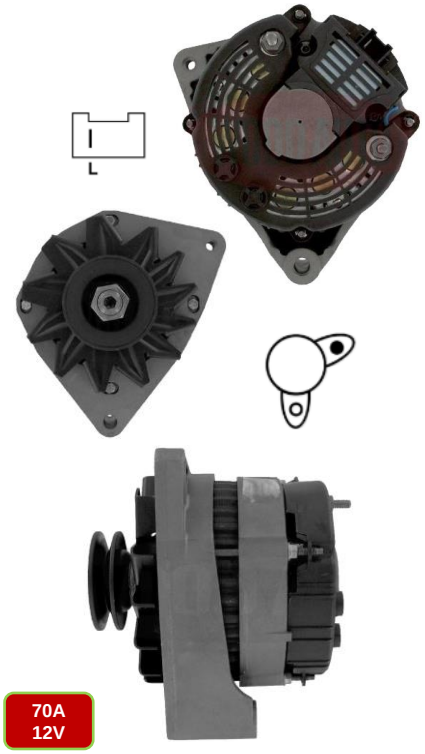
✓	2.4 TD 4x4	1985→1994
✓	3.5 4x4	1970→1991
✓	3.5 Vogue 4x4	1981→1990

ROVER

✓	100 111	1994→1997
✓	100 111 C/L/S	1990→1998
✓	100 114	1994→1998
✓	100 114 GSi	1994→1995
✓	100 114 GTI 16V	1990→1998
✓	100 114 GTI/GT 16V CAT	1990→1998
✓	100 114 S/L/GTA	1990→1998
✓	200 214	1993→1995
✓	200 214 GSi/Si	1990→1995
✓	200 214 Si	1995→2000
✓	200 214 Si/GSi	1989→1995
✓	200 216	1985→1999
✓	200 216 Vitesse	1985→1989
✓	2000-3500 2300	1977→1986
✓	2000-3500 2600	1977→1982
✓	400 414	1993→1997
✓	400 414 GSI/SI	1990→1995
✓	400 414 GSI/SI CAT	1993→1995
✓	400 414 Si	1995→2000
✓	800 2.0	1987→1991
✓	800 820 16 V I/SI (XS)	1986→1988
✓	800 820 SE/SI	1986→1991
✓	800 820 SI (XS)	1988→1991
✓	800 820 i/Si (XS)	1988→1991
✓	800 820e	1986→1991
✓	CABRIOLET 214 1.4	1990→1999
✓	CABRIOLET 214 1.4i 16V	1993→1999

Ref. 06.111356

* As marcas e números originais servem apenas como referência, excepto onde mencionadas como tal.



70A
12V

Informação Técnica BOSCH Lucas

REFERÊNCIAS BOSCH / LUCAS:
0120489467, 0120489476, 0986034830, 0986034831, 0986036891, 3483, 3689, LRA00765, LRA765, LRB00182, LRB182

APLICAÇÕES:

CITROEN

✓	AX 1.3 Sport	1987→1988
✓	AX 1.4 4x4	1986→1994
✓	AX 1.4 Allure	1992→1994
✓	AX 1.4 D 4x4	1991→1992
✓	AX 1.4 GTi	1991→1996
✓	AX 10	1986→1998
✓	AX 10E	1986→1988
✓	AX 11	1986→1997
✓	AX 11 4x4	1991→1992
✓	AX 11 CAT	1988→1989
✓	AX 14	1986→1997
✓	AX 14 4x4	1991→1996
✓	AX 14D	1988→1997
✓	AX 14 GT	1989→1991
✓	BX 1.4	1987→1992
✓	BX 11	1986→1992
✓	BX 14	1986→1993
✓	BX 14E	1982→1993

PEUGEOT

✓	C15 1.0	1984→1997
✓	C15 1.0E	1992→1996
✓	C15 1.1	1984→1996
✓	C15 1.1i	1988→1996
✓	C15 1.3	1987→1988
✓	C15 1.4	1987→1996
✓	C15 1.4E	1987→1996
✓	205 1.0	1983→1998
✓	205 1.1	1983→1998
✓	205 1.1 CJ	1989→1994
✓	205 1.3 Rallye	1987→1990
✓	205 1.4	1983→1998
✓	205 1.4 CAT	1987→1993
✓	205 1.4 CJ	1988→1994
✓	205 1.4 CJ CAT	1989→1993
✓	205 1.4 CT	1986→1988
✓	206 1.4 HDi eco 70	2001 -
✓	309 1.1	1985→1993
✓	405 1.4	1987→1996

ROVER

✓	114 D	1992→1994

Ref. 06.111841 ■ 06.225015070+

150A
12V

Informação Técnica Delco Remy Ford DENSO

REFERÊNCIAS DELCO / FORD / DENSO:
1352431, 1477740, 4M5T10300KB, 4M5T10300UB, 4M5T10300UC, 4M5TKB, 4M5TUB, 4M5TUC, 1042102730, 1042102731, 1042103630, 1042103640, 1042103641

APLICAÇÕES:

FORD

✓	C-MAX 1.8 TDCi	2007→2010
✓	FOCUS 1.8 TDCi	2001→2012

Ref. 06.DAN932 ■ 06.595555150

150A
12V

Informação Técnica BOSCH

REFERÊNCIAS BOSCH:
0986083760, 286653, 504385134, 505582150, 931209, DRA1209, F000BL0705, F000BL07P9, LRA03543

APLICAÇÕES:

FIAT

✓	DUCATO 130 MJ 2,3D 2,3, 250 130 MJ 2,3D	2007→
✓	DUCATO 250 2.3 150D Multijet	2011→

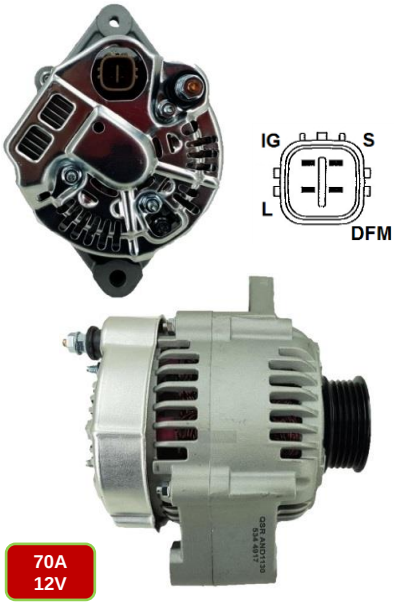
IVECO

✓	Daily V	09/11→
✓	Daily III 29L10V, 29L10, 29L10D, 29L10D/P, 29L12V, 29L12V/P, 29L12, 29L12 /P, 29L12, 29L14C, 29L14C/P, 29L14V, 29L14V/P, 29L14, 29L14 /P, 29L14D, 29L14D/P, 35C10K, 35C10DK, 35C10, 35C10D, 35S10, 35S10D, 35C12K, 35C12DK, 35S12K, 35C12V, 35C12V/P, 35S12V, 35S12V/P, 35C12, 35C12 /P, 35S12, 35S12 /P, 35S12D, 35S12D/P 35C14, 35C14D/P, 35S14, 35S14 /P, 35S14D, 35S14D/P, 35S14C, 35S14C/P, 35S14V, 35S14V/P, 35C14V, 35C14V/P, 40C10V, 40C10, 40C10D, 40S10, 40C12V, 40C14V/P, 40C12, 40C12 /P, 40C12D, 40C12D/P, Bus 35S1	2006→
✓	Daily III 35C11K, 35C11DK, 35S11K, 35S11DK, 35C11V, 35S11V, 35C13K, 35C13DK, 35S13K, 35S13DK, 35C13V, 35C13V/P, 35S13V, 35S13V/P, 35C13, 35C13 /P, 35S13D, 35S13, 35S13 /P, 35S14K, 35S14DK, 40C11V, 40C11, 40C11D, 40S11, 40S11D, 40C13V, 40C13V/P	2009→

MERCEDES-BENZ

✓	VARIO 615D, 616D	1998→

Ref. 06.CGB86653



70A
12V

Informação Técnica DENSO

REFERÊNCIAS DENSO:
0986082300, 102211-6100, 31400-68K10, LRA03374, SR102211-6100

APLICAÇÕES:

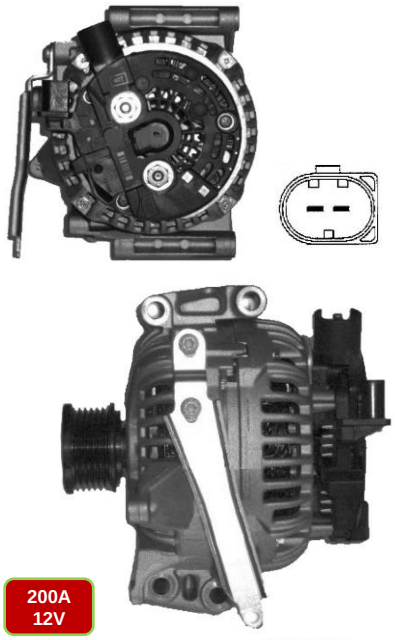
NISSAN

✓	PIXO 1,0	2009→

SUZUKI

✓	ALTO 1,0	2009→

Ref. 006.CGB-85986



200A
12V

Informação Técnica BOSCH

REFERÊNCIAS BOSCH...:
0124625014, 0124625045, 0131540002, 0141540702, 0986048550, A0131540002, AI-90160, CA1859IR, LRA02827

APLICAÇÕES:

MERCEDES-BENZ

✓	CLASSE C (W203) 200 CDI	2003→

Ref. 06.CGB-84945

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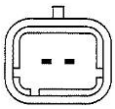


70A
12V

Informação Técnica

REFERÊNCIAS:
9635557580, 9638276180, A11VI108, CA1640, DRA3815, 63321740

APLICAÇÕES:

CITROEN
- ✓ SAXO 1.1

PEUGEOT
- ✓ 106 1.1

Ref. 06.CGB84515

70A
12V

Informação Técnica

REFERÊNCIAS:
0986JR0131, 12060744EU, 31400-77E90, 437822, 9051815, A002T82378, A2T82378, DRA3929, RFJ5-18-300, RFJ5-18-300B

APLICAÇÕES:

SUZUKI

✓	ESCUDO TD 2,0	1994→1998
✓	ESCUDO TD Intercooler 2,0	1995→1998
✓	GRAND ESCUDO HDI 110 16V 2,0	2001→
✓	GRAND ESCUDO TD 2,0	2000→2005
✓	GRAND ESCUDO TD Intercooler 2,0	1998→
✓	GRAND VITARA I (FT) 2.0 TD	-
✓	SUZUKI VITARA	-

Ref. 06.CGB-83638

70A
12V

Informação Técnica BOSCH

REFERÊNCIA BOSCH:
0120488287

APLICAÇÕES:

***OPEL / VAUXHALL**

✓	OMEGA V6 2,5	1994→2000
✓	VECTRA V6 2,5	1993→1995

Ref. 06.CGB-82924

80A
12V

Informação Técnica

REFERÊNCIAS:
0986040231, 229112802, 2541726, 2541863, 436611, 4392, 5705HW, 940231, A13VI142, A13VI84, CA1203, DRB0231

APLICAÇÕES:

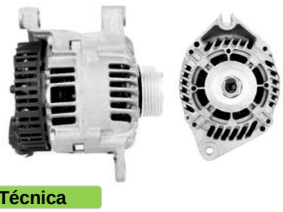
CITROEN

✓	SAXO D 1,5	1996→2004
✓	XSARA D 1,5	1997→2000

PEUGEOT

✓	106 D 1,5	1994→

Ref. 06.CGB-82680



80A
12V

Informação Técnica

REFERÊNCIAS:
0986038811, 216112802, 2541306A, 2541360, 436340, 4941, 933235, A13VI31, A13VI85, CA639, DRA3235

APLICAÇÕES:

CITROEN

✓	BERLINGO D 1,8	1996→
✓	BERLINGO D 1,9	1996→
✓	C35 2,0	1973→1994
✓	C35 D 2,5	1980→1994
✓	JUMPER D 1,9	1990→2002
✓	JUMPER TD 1,9	1994→2002
✓	XANTIA D 1,9	1994→1998
✓	XANTIA SD 1,9	1996→2003
✓	XANTIA Turbo D 1,9	1994→2003
✓	XANTIA Turbo D 12V 2,1	1995→1999
✓	XSARA D 1,8	1997→2000
✓	XSARA D 1,9	1997→2000
✓	XSARA TD 1,9	1997→2000
✓	ZX D 1,8	1993→1997
✓	ZX D 1,9	1994→1997
✓	ZX DT 1,9	1992→1994
✓	ZX TD 1,9	1992→1997

FIAT

✓	ULYSSE Turbo 2.0	1994→2002

PEUGEOT

✓	306 D 1,8	1993→2001
✓	405 D 1,9	1988→1995
✓	405 Diesel 1,9	1988→1992
✓	405 TD 1,9	1992→1996
✓	EXPERT D 1,9	1996→
✓	EXPERT TD 1,9	1996→
✓	PARTNER D 1,8	1996→
✓	PARTNER D 1,9	1996→

Ref. 06.CGB-81973R

97A
12V

Informação Técnica

REFERÊNCIAS:
216109972, 2541665, 2541665B, 433190, 436366, 4917, 5705E7, 938791, 96103822, A13VI71, AAK5131, CA825, CGB-18791, DRA8791

APLICAÇÕES:

CITROEN

✓	EVASION 1.8	1996→1996
✓	JUMPER 2.0	1996→
✓	JUMPER bivalent 2.0	2003→
✓	JUMPER D 2.5	1996→2002
✓	JUMPER DT 2.5	1996→1997
✓	JUMPER TD 2.5	1996→2002
✓	JUMPER TDI 2.5	1996→2000
✓	JUMPER TDi 4X4 2.5	2000→2002
✓	XANTIA i 1.6	1993→1998
✓	XANTIA i 1.8	1993→1998
✓	XANTIA i 16V 2.0	1993→1998
✓	XANTIA i 2.0	1993→2003

FIAT

✓	DUCATO 2.0	1994→
✓	DUCATO D Combinato 2.5. DUCATO Panorama/Combinato 2.0, ULYSSE 2.0, ULYSSE Turbo 2.0	1994→2002

PEUGEOT

✓	306 ST 1.8	1994→2001
✓	405 16V 2.0	1994→1995
✓	806 Turbo 2.0	1994→2002
✓	BOXER 2.0	1996→1998
✓	BOXER D 2.5	1994→2002
✓	BOXER DT 2.5	1997→2001
✓	BOXER i 2.0	1996→2002
✓	BOXER TD 2.5	1994→2002
✓	BOXER TDI 2.5	1997→2002

Ref. 06.CGB-81969

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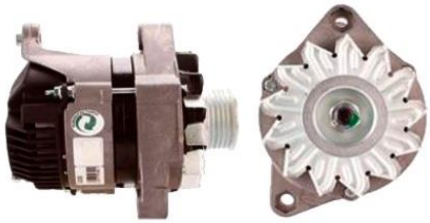


65A
12V

Informação Técnica

REFERÊNCIAS:
0002618, 0986037130, 0986037160, 0986037170, 218122652, 218131652, 436244, 4441, 46207936, 46231690, 46231691, 46231721, 63320016, 63320048, 63320073, 63320082, 63320132, 63321091, 63321098, 63321149, 63321150, 7596859, 7647441, 7702242, 7702245, 8EL725879-001, AAK4558, AAK4559, CA596, DRA3283, LRA514, LRB178

APLICAÇÕES:

FIAT

✓	FIORINO 70 i.e.. 1,4	1994→2001
✓	FIORINO 75 i.e.. 1,6	1993→2001
✓	FIORINO Pick up 1,4	1994→2001
✓	FIORINO Pick up 1,6	1994→2001
✓	TEMPRA i.e.. 1,4	1992→1996
✓	TEMPRA i.e.. 1,6	1992→1996
✓	TIPO i.e.. 1,4	1989→1995
✓	TIPO i.e.. 1,6	1988→1995

LANCIA

✓	DEDRA 1,6	1994→1999
✓	DEDRA i.e.. 1,6	1989→1999
✓	DEDRA LE 1,6	1994→1999
✓	DELTA i.e.. 1,4	1994→1999
✓	DELTA i.e.. 1,6	1993→1999

Ref. 06.CGB81633 ■ 06.505027065ROE

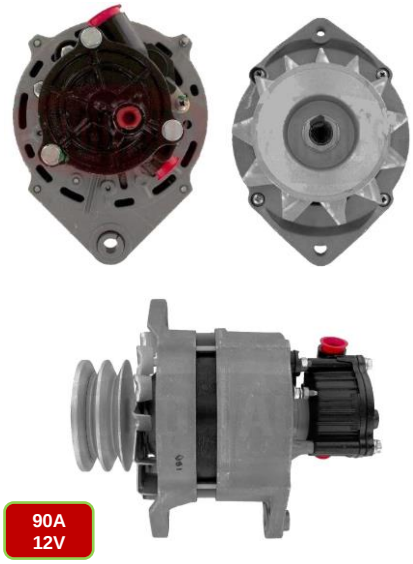
45A
24V

Informação Técnica

REFERÊNCIAS:
0120489643, 0986031190, 2339210, 238110454, 436437, 9120080114, 931190, 9AR3921G, CA132, DRA1190, LRA386

APLICAÇÕES:
-

Ref. 06.CGB-80644-R



90A
12V

Informação Técnica

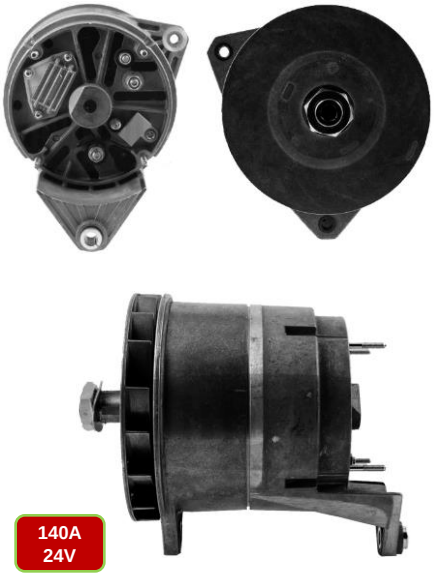
REFERÊNCIAS BOSCH / LUCAS / NISSAN:
0986049850, 6033GB5007, 6033GB5009, 9120335002, F042A0H156, LRA01680, LRA1680, 231007C000, 231007C001, 231007C600

APLICAÇÕES:

NISSAN

✓	SERENA 1.6 16V	1993→ 2001
✓	SERENA 2.3 D	1995→ 2001
✓	VANETTE 1.6	1994→ 2001
✓	VANETTE 1.6 i	1995→
✓	VANETTE 2.3 D	1995→

Ref. 06.113786 ■ 06.CGB-19850



140A
24V

Informação Técnica

REFERÊNCIAS BOSCH / DELCO / FORD / SCANIA:
0120689562, 0986044060, 1986A00003, 4406, 1516503R, 19025339, 19025369, LRA02529, LRA2529, 475885, 571419, 571497

APLICAÇÕES:

SCANIA

✓	K114 10.6 Diesel	1997.08→
✓	K124 12.0 Diesel	1997.08→
✓	K124 12.0 Diesel	1997.09→
✓	L94 9.0 Diesel	1999 04→

Ref. 06.556034140+ ■ 06.CGB-19535

90A
12V

Informação Técnica

REFERÊNCIAS DENSO:
102211-9000 / 102211-9090

APLICAÇÕES:
Tractores CUMMINS, NEW HOLLAND

Ref. 06.CGB-19090 ■ 06.635509090+

80A
12V

Informação Técnica

REFERÊNCIAS HITACHI:
129772-77200, 112375, 11957377200, 11957377201, 12272, 12272N, 1287401HI, 20150112, 204213, 282811, 582112802, 702512272, 90251093, 985001080, AYA101, LR18003, LR18003B, LR18003C, LR18004, LRA01632

APLICAÇÕES:

KUBOTA

KOMATSU

✓	Industrial Wheel Loader WA75

YANMAR MARINE

✓	4 JH 2-E, 4 JH 3-DTE, 4 JH 3-HTE, 4 JH 3-TE, 4 LH-STZE, 4 LHA-DTE, 4 LHA-HTE, 4 LHA-STE, 4 LP-STE, 4 LP-STZE, 4 JH 3-E

Ref. 06.CGB18003 ■ 06.112375

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55A
12V

Informação Técnica

REFERÊNCIAS BOSCH:
0120489069, 0120489070, 0120489183, 0120489186, 0120489286, 0120489296, 0986032930, 0986032960, 3293, 3296

APLICAÇÕES:

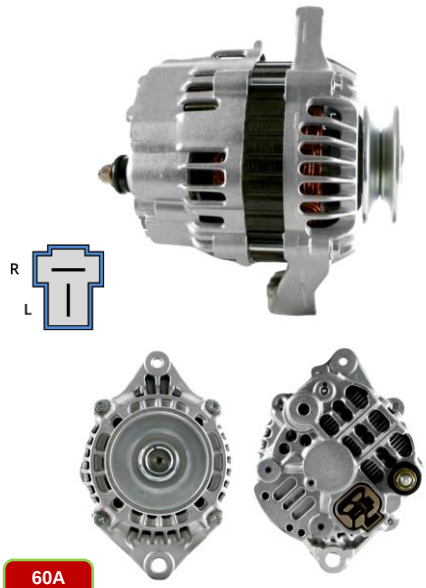
VOLVO

✓	240 2.0D	1978→ 1980
✓	240 2.4 Diesel	1978→ 1993
✓	740 2.4 TD	1984→ 1990
✓	740 2.4 Turbo-Diesel	1985→ 1992
✓	760 2.4D	1982→ 1992
✓	760 2.4 Turbo Diesel (704)	1982→ 1992

DEUTZ-FAHR

✓	D 2807 1.9 Diesel, D 3607 1.9 Diesel	1986.06→

Ref. 06.110881 ■ 06.585003065



60A
12V

Informação Técnica

REFERÊNCIAS:
1C011-64010, 1C011-64011, 1C011-64012, 3A651-74010, 3A651-74011, 3A651-74012, 3C581-74010, 3C581-74011, 3C581-74012, A001TA1777, A001TA3677, A001TA3677B, A1TA1777, A1TA3677, A1TA3677B, A7TA3577, DRA1137

APLICAÇÕES:

KUBOTA

Ref. 06.CGB-17777 ■ 06.A1TA1777OE

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24V

Informação Técnica

REFERÊNCIAS:
0120468037, 0120468114, 0986037760, 1089862, 12571, 12571N, 1272300BO, 1621048, 19025103, 220300, 3633SP, 436590, 481826, 5003398, 5010252192, 8113912, 816003080, 85000712, 85000716, 860562, 8EL731714001, 90156307, 9937760F, ALT1114sa, CA853IR, DRA7760, HCA853IR, KTR1632006160, LRB00135, LRB135

APLICAÇÕES:

VOLVO

✓	B10/C10 THD/DH/GH	01/92→
✓	B12	09/91→
✓	B7, D7	06/97→
✓	F12	05/88→12/94
✓	F16	10/87→12/94
✓	FL10 TD	09/85→
✓	FL4, FL6	09/85→
✓	FS7	11/91→03/96

Ref. 06.CGB-17760 ■ 06.816003080+

60A
12V

Informação Técnica

REFERÊNCIAS:
0986080240, 0986UR0852, 113954, 125518060, 13893N, 13893R, 31100PLMA01, 31100PLMA02, 31100RJH004, 6213SP, 8EL738150001, 90273268, 9090348F, 930017, A005TA6991, A005TA7091, A005TA7091ZC, A5TA6991A, A5TA7091, A5TA7091ZE, A5TA7191, AHA415, AHA427, AHGA50, AHGA64, ALT5022sa, DRA0017, HJA1727IR, J5114037, JA1727, JA1727IR, KTR251036120, LRA02287, TRA332

APLICAÇÕES:

HONDA

✓	Accord 2.0 16V	06/99→
✓	Civic 1.7	
✓	Civic 1.4i / 1.6i	01/00→

Ref. 06.CGB17091 ■ 06.125518060+

110A
24V

Informação Técnica

REFERÊNCIAS:
0124555017, 0124655008, 0124655092, 0986049360, 11209620, 1305701BO, 19092000, 20409240, 20466315, 20849351, 21429786, 2205295, 23877, 23877N, 241421, 3803640, 484993, 6346SP, 72446709, 7420849351, 7421429786, 816501110, 85020820, 860804, 860804GB, 8EL738211611, 940002, 9990455F, AAN5409, ALT1183sa, ALT1260Psa, ALT1260sa, ALT1277sa, CA1883IR, DRB0002, DRB0002X, HCA1883IR, IA9468, KTR1633002220, LRA02877, MG802, TC3057A

APLICAÇÕES:

VOLVO

✓	FH	2002→

Ref. 06.115488 ■ 06.816501110

35A
24V

Informação Técnica

REFERÊNCIAS BOSCH/LUCAS/VALEO:
0120400688, 0120488224, 0120489023, 0120489707, 0120489730, 0986031260, 0986031320, 0986033330, 3126, 3333, LRA00924, LRA924, 436420, 510426, 510427, 9AR6012, 9AR6012G, 6209191

APLICAÇÕES:

IVECO

✓	110-17 AW 6.1 Diesel	1986.07→1991.12
✓	190-30 AHW 12.8 Diesel	1987.09→1997.01
✓	MK 130-16 6.1 Diesel	1983.01→1991.12
✓	MK 75-9 4.1 Diesel	1983.01→1989.05
✓	P/PA 260-25 12.8 Diesel	1984.03→1986.06
✓	P/PA 260-32 16.0 Diesel	1983.01→1985.12
✓	P/PA 260-30 12.8 Diesel	1986.06→1990.05

CASE

✓	B115, B90, B160 CL, B60, B75	

MERCEDES-BENZ

✓	Unimog U1150 5.7 Diesel	1988.05→
✓	Unimog U900 6.0 Diesel	1988.11→
✓	Unimog U1150 5.7 Diesel	1988.05→
✓	Unimog U1150 5.7 Diesel	1988.05→

STEYR

✓	1290.320 12.0D, 1290.230, 1290.240 8.1D	1971.01→1978.12

LIEBHERR

✓	R981, R961, R971	

KHD, MAGIRUS-DEUTZ

Ref. 06.110766 ■ 06.CGB-15910

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110A
28V

Informação Técnica

REFERÊNCIAS:

025591, 114880, 20348, 20348N, 20842445, 21041756, 576505110, 7420842445, 861078, 930841, A004TR5591ZT, A004TR5593, A004TR5593ZT, A4TR5591, A4TR5591ZT, A4TR5593, A4TR5593ZT, CA2111IR, DRA0841, LRA03448

APLICAÇÕES:

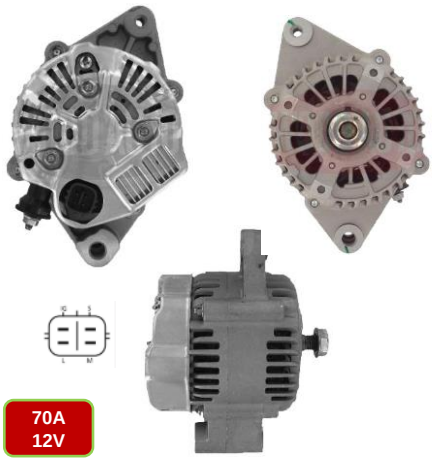
RENAULT

- ✓ Premium 2 440.18 10.8D, 380.19 10.8D, 460.26 10.8D, 380.26 10.8D, 380.32 10.8D, 380.19 10.8D, 430.26 10.8D, 460.19 10.8D, 460.26 10.8D, 380.18 10.8D, 430.32 10.8D, 460.32 10.8D, 380.26 10.8D, 430.26 10.8D, 460.26 10.8D, 380.18 10.8D, 380.19 10.8D, 460.18 10.8D, 440.19 10.8D, 430.18 10.8D, 430.26 10.8D, 430.19 10.8D, 440.19 10.8D, 460.18 10.8D, 430.26 10.8D, 430.18 10.8D, 460.19 10.8D, 380.26 10.8D, 440.32 10.8D, 380.19 10.8D, 380.19 10.8D **2006.10→**
- ✓ Premium 2 330.18 10.8D 2005.10→
- ✓ Premium 2 440.32 10.8D 430.18 10.8D, 430.26 10.8D, 460.26 10.8D, 430.18 10.8D, 430.19 10.8D, 460.18 10.8D **2006.10→**
- ✓ Premium 450.24 10.8D, 450.26 10.8D, 370.18 10.8D, 450.18 10.8D, 450.18 10.8D, 410.18 10.8D, 410.26 10.8D, 410.26 10.8D, 410.18 10.8D, 450.18 10.8D, 410.25 10.8D, 410.18 10.8D, 410.24 10.8D, 370.18 10.8D, 410.18 10.8D, 370.26 10.8D, 410.25 10.8D, 450.25 10.8D **2005.10→**
- ✓ Kerax 370.18 10.8D, 450.26 10.8D, 410.32 10.8D, 500.32 12.8D, 370.26 10.8D, 410.26 10.8D **2005.10→**
- ✓ Kerax 460.32 12.8D, 460.32 12.8D, 500.32 12.8D, 460.26 12.8D, 460.26 12.8D, 460.25 12.8D, 460.24 12.8D, 500.25 12.8D, 500.26 12.8D, 500.26 12.8D **2006.05→**
- ✓ Kerax 410.18 10.8D, 450.18 10.8D, 410.26 10.8D, 370.26 10.8D, 370.26 10.8D, 450.32 10.8D, 410.18 10.8D, 370.18 10.8D, 370.26 10.8D, 410.26 10.8D, 450.26 10.8D, 370.32 10.8D, 370.18 10.8D, 410.18 10.8D, 450.18 10.8D, 370.26 10.8D, 410.26 10.8D, 450.261 10.8D, 450.26 10.8D, 410.32 10.8D, 450.32 10.8D **2005.10→**
- ✓ Kerax 450.18 10.8D, 410.18 10.8D, 450.18 10.8D, 370.26 10.8D, 410.26 10.8D, 450.26 10.8D, 450.26 10.8D, 410.26 10.8D, 370.32 10.8D, 370.32 10.8D, 450.32 10.8D **2005.10→**
- ✓ Magnum 480.26 12.8D, 520.25 12.8D, 440.19 12.8D, 520.24 12.8D, 520.19 12.8D, 520.25 12.8D, 520.26 12.8D, 520.26 12.8D **2009.08→**
- ✓ Magnum 500.26 12.8D, 460.18 12.8D, 500.24 12.8D, 500.18 12.8D **2006.05→**
- ✓ Magnum 440.19 12.8D, 480.19 12.8D, 480.26 12.8D **2009.03→**

VOLVO

- ✓ 8700 12.1D 1999.01→
- ✓ 9700 12.1D 2001.04→
- ✓ B12 12.1D 2006.02→
- ✓ FH12/420, 12/340, 12/380, 12/340, 12/340, 12/380, 12/420, FH12/420 12.1 **1993.08→**
- ✓ FH420, FH500, FH460, FH540 12.8D 2009.01→
- ✓ FH440, FH520, FH400, FH480 2005.09→
- ✓ FH460, FH500, FH540 12.8D 2009.01→
- ✓ FH500 12.8D 2007.09→
- ✓ FH12/460 12.1D 1998.08→

Ref. 06.576505110 ■ 06.CGB-15591



70A
12V

Informação Técnica

REFERÊNCIAS BOSCH/DENSO/TOYOTA:

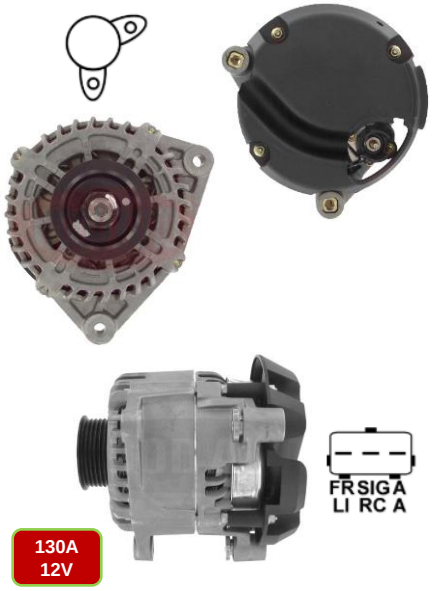
0124315033, 102211-2310, 102211-2810, 102211-5600, 102211-5670, 104210-8020, 104210-8021, 104210-8220, 104210-8240, 104210-8241, 104210-8242, 104210-8370, 104210-9010, 104210-9011, 104210-9230, 104210-9231, 104210-9340, 104210-9351, 104210-9410, 27060-0L020, 27060-0L021, 27060-0l022, 27060-0L040, 27060-0L060, 27060-0L080, 27060-0L081, 27060-0L090, 27060-30010, 27060-30020, 27060-30030, 27060-30040, 27060-30050, 27060-30120, 27060-30150, 27060-30151, 27060-30154

APLICAÇÕES:

TOYOTA

- ✓ Land Cruiser 3.0 Diesel 2000.10→
- ✓ Dyna 2.5 Diesel 2001.08→
- ✓ Hiace 2.5 Diesel 2001.11→
- ✓ Hilux 2.5 Diesel 2001.11→
- ✓ Hilux 3.0 Diesel 2007.12→

Ref. 06.114024 ■ 06.CGB15279



130A
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Informação Técnica

REFERÊNCIAS DELCO/FORD:

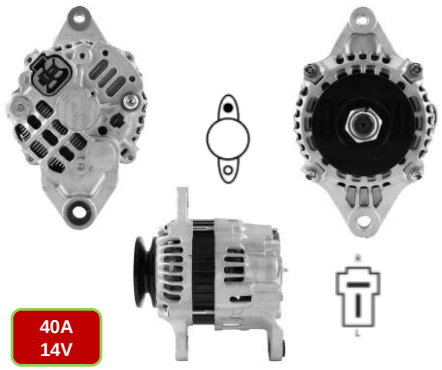
1229421, 1477972, 2T1U10300CA, 2T1U10300CB, 2T1U10300CC, 2T1U10300CD, 2T1U10300CF, 2T1U10300CG, 2T1UCA, 2T1UCB, 2T1UCC, 2T1UCD, 2T1UCF, 2T1UCG, 4063889, 4531026, 5128967

APLICAÇÕES:

FORD

- ✓ TOURNEO 1.8 16V, 1.8 TDCi/TDDi/DI 2002→2013
- ✓ TRANSIT 1.8 16V, 1.8 Di, 1.8 TDCi 2002→2013

Ref. 06.113710 ■ 06.CGB-14918



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14V

Informação Técnica

REFERÊNCIAS:

185046320, A007T03877, A7T03277A, A7T03877, A7TA0477, A7TA1777, CGB-84638, DRA1337, EAA221282, LR150-715, LRA02179, 32A6800400, 32A6810200, 32A6810201, 32A6810202, 3476805100, A005T20383, A007TA0477, A5T20383, A7TA0477A, A7TA0483, A7TA0483A, 7416583, 19960254, 19960255, 50025145

APLICAÇÕES:

NEW HOLLAND

- ✓ L140 1.5 Diesel, L150 1.5D, L160 2.0D, L170 5.0D, LS150D, LS160D, LS140D, LS170D
- ✓ L465, L565D, LX565D, LX665D, LX465D, LX485D 1994.01→
- ✓ 1520D, 1720D, 1920D, 1320D, 1715D, 2120D 1987 01→
- ✓ 1925D, 1630D, 1725D, 1530D 1996.01→
- ✓ 1620D 1976.01→
- ✓ 3415D 1993.01→
- ✓ TC Diesel

FORD

- ✓ 1620D 1991.01→
- ✓ 1530D, 1725D, 1925D, 1630D 1996.01→
- ✓ 1715D, 3415D 1993.01→
- ✓ 1320D, 1720D, 1520D, 2120D 1987.01→
- ✓ 1920D 1988.01→

Ref. 06.113562 ■ 06.CGB-14877

55A
24V

Informação Técnica

REFERÊNCIAS BOSCH/LUCAS/VOLVO:

0120469014, 0120469798, 0120489303, 0986034350, 0986034370, 3435, 3437, LRA00972, LRA972, 529601, 1089861, 1607361, 5003090, 5003349, 5003448, 6779261, 8113911

APLICAÇÕES:

VOLVO

- ✓ B12 1992→
- ✓ F10/260 1982→1985
- ✓ F10/300 1983→1987
- ✓ F10/320 1987→ 1994
- ✓ F12/360 1988→1994
- ✓ F12/370 1977→1987
- ✓ F12/400 1988→1994
- ✓ F16/470 1988→1989
- ✓ F16/485 1990→1992
- ✓ F610 1980→1986
- ✓ F611 1975→1986
- ✓ F612 1983→1986
- ✓ F613 -
- ✓ F616 1981→1986
- ✓ F7 1978→1985
- ✓ FL 10/280 1985→1990
- ✓ FL10/320, FL10/360, FL10H/320, FL10H/360 **1995→1998**
- ✓ FL180-10, FL180-11, FL180-12, FL180-13, FL180-14, FL180-15, FL180-16, FL180-17, FL180-18, FL180-7, FL180-8, FL180-9, FL220-10, FL220-11, FL220-12, FL220-13, FL220-14, FL220-15, FL220-16, FL220-17, FL220-18, FL220-7, FL220-8, FL220-9, FL250-10, FL250-11, FL250-12, FL250-13, FL250-14, FL250-15, FL250-16, FL250-17, FL250-18, FL250-7, FL250-8, FL250-9 **2000→**
- ✓ FL408 1986→1989
- ✓ FL608 1991→1999
- ✓ FL610, FL619 1985→1994
- ✓ FL611, FL614 1985→2000
- ✓ FL612 1985→1999
- ✓ FL 615, FL618 1991→2000
- ✓ FL7/230 1985→1998
- ✓ FL7/260 1991→1998
- ✓ FL7/290 1993→1998
- ✓ FS718/230, FS718/260 1994→1996
- ✓ N10/300 1973→1989
- ✓ NL10/320, NL12/360 1990→

Ref. 06.112345 ■ 06.CGB-14370

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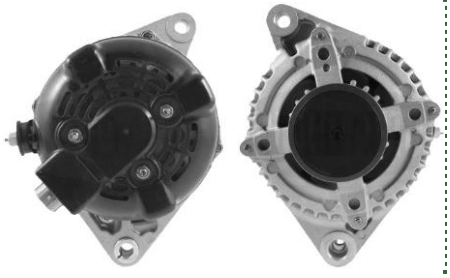


130A
12V

Informação Técnica

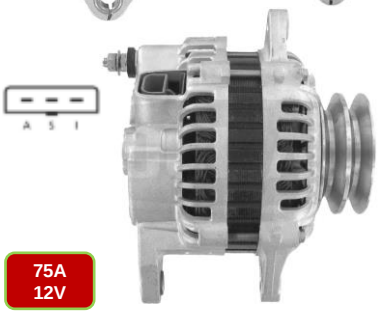
REFERÊNCIAS DENSO/TOYOTA:
1042103250, 1042103251, 1042103252, 1042103980, 1042103981, LRA02298, LRA2298, 2706027070, 2706027100

APLICAÇÕES:

TOYOTA

✓	AVENSIS 2.0 D-4D	2001→2008
✓	COROLLA 1.6 VVT-i	2002→
✓	COROLLA 2.0 D-4D	2000→
✓	PREVIA 2.0 D-4D	2001→2006
✓	RAV 4 2.0 D-4D 4WD	2001→2005

Ref. 06.CGB14275 ■ 06.195556130



75A
12V

Informação Técnica

REFERÊNCIAS:
0986080390, 12090174, 145.535.075, CGB-84665, DRA4233, F8RU-10300-BA, WL8118300, WL81-18300, WL81-18-300

APLICAÇÕES:

FORD

✓	Ranger 2.5 Diesel	1999.10→2002.04

MAZDA

✓	B2500 2.5 Diesel	1999.06→

Ref. 06.114120 ■ 06.145535075OE

90A
12V

Informação Técnica

REFERÊNCIAS:
0986049460, 4946, 1120211, 1140696, 1151212, 1464779, 1S7T10300BA, 1S7T10300BB, 1S7T10300BC, 1S7T10300BD, 1S7TBA, 1S7TBB, 1S7TBC, 1S7TBD, 1120211, 1124015, 1131820, 1140696, 1151212, 1211891, 1464779, 1478608, 1S7T10300BA, 1S7T10300BB, 1S7T10300BC, 1S7T10300BD, 1S7T10300BE, 1S7T10300DA, 1S7T10300DB, 1S7T10300DC, 1S7T10300DD, 1S7T10300DE, 1S7T10300DF, C2S27198, C2S47100, LRB00497, LRB497, 440192

APLICAÇÕES:

FORD

✓	FOCUS 2.0	2004→
✓	MONDEO 1.8 16V	2000→2007
✓	MONDEO 1.8 SCi	2003→2007
✓	MONDEO 2.0	1995→2014
✓	MONDEO 2.0 16V	2000→2007
✓	MONDEO 2.0 16V DI/TDDi/TDCi	2000→2007
✓	MONDEO 2.0 16V TDDi/TDCi	2000→2007
✓	MONDEO 2.0 TDCi	2001→2015
✓	MONDEO 2.2 TDCi	2004→2014
✓	MONDEO 2.5 V6	2000→2007
✓	MONDEO 2.5 V6 24V	2000→2007
✓	MONDEO 3.0 V6 24V	2004→2007
✓	MONDEO ST220	2002→2007
✓	ECOSPORT 2.0	2007→
✓	ECOSPORT 2.0 XLT	2002→

JAGUAR

✓	X-TYPE 2.0 D	2003→2009

Ref. 06.113709 ■ 06.CGB-14144

70A
12V

Informação Técnica

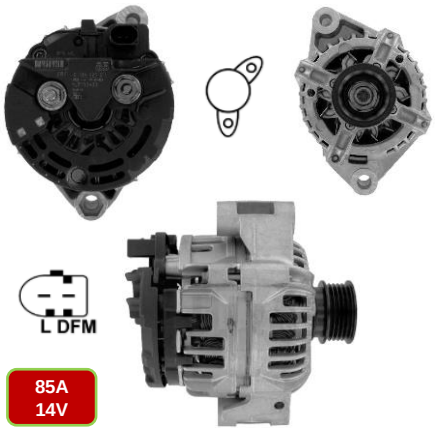
REFERÊNCIAS:
0986JR0131, 12060744EU, 31400-77E90, 437822, 9051815, A002T82378, A2T82378, CGB-83638, DRA3929, RFJ5-18-300, RFJ5-18-300B

APLICAÇÕES:

SUZUKI

✓	ESCUDO TD 2.0	1994→1998
✓	ESCUDO TD Intercooler 2.0	1995→1998
✓	GRAND ESCUDO HDI 110 16V 2.0	2001→
✓	GRAND ESCUDO TD 2.0	2000→2005
✓	GRAND ESCUDO TD Intercooler 2.0	1998→
✓	VITARA, GRAND VITARA	-

Ref. 06.CGB-13929



85A
14V

Informação Técnica

REFERÊNCIAS:
0124225010, 0124225011, 0986042470, 4247, LRB00467, LRB00509, LRB467, LRB509, GNU2630, YLE102420, YLE102430, GNU2630, GNU2632, YLE102420, YLE102430

APLICAÇÕES:

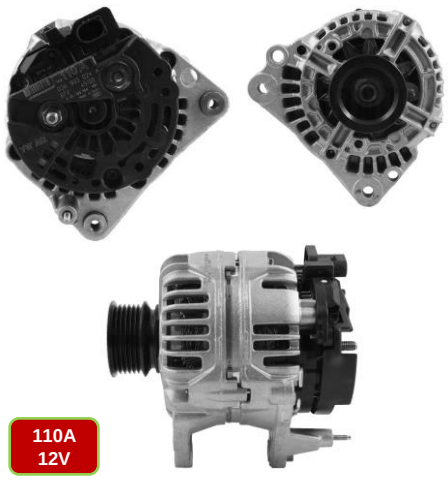
MG

✓	EXPRESS 1.4	2003→2005
✓	EXPRESS 1.8	1981→2005
✓	MGF 1	-
✓	MGF 1.6	2000→2002
✓	MGF 1.8 i 16V, 1.8 i VV	1995→2002

ROVER

✓	25 1.1	1999→2005
✓	25 1.4 16V	1999→2005
✓	400 414 Si	1995→2000
✓	45 1.4, 1.6, 1.8	2000→2005
✓	STREETWISE 1.4	2003→2005

Ref. 06.112414 ■ 06.CGB-13924



110A
12V

Informação Técnica

REFERÊNCIAS:
0124325050, 0986081320, 8132, LRA02232, LRA2232, 036903024A

APLICAÇÕES:

AUDI

✓	A3 TDI 1.9	2000→

SKODA

✓	OCTAVIA TDI 1.9	2003→

VW

✓	BORA 1.6 FSI	2002→2005
✓	BORA 1.8 4motion	1999→2005
✓	GOLF 1.6 FSI	2002 – 2008
✓	GOLF TDI 1.9	2000→2005
✓	LUPO 1.4 FSI	2001 – 2005
✓	POLO TDI 1,9	1997→2001

Ref. 06.305519110+ ■ 06.CGB-13860

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90A
12V

Informação Técnica

REFERÊNCIAS:
227162902, 23100-9C600, 23100-9C600EP, 3120335001, 9120335000, 9120335001, 933698, CGB-13698, DRA3698, JA1162

APLICAÇÕES:

NISSAN

✓ SERENA D 2.0	1992→
✓ SERENA D 2.3	1995→
✓ VANETTE CARGO D 2.0, 2.3	1995→

Ref. 06.CGB-13698

130A
12V

Informação Técnica

REFERÊNCIAS:
0986044691, 1016854, 12044690EU, 1406092, 437688, 9090082, 96BB-10300-AA, 96BB-10300-AB, 96BB-10300BA, 96BB-10300-BA, 96BB-10300-BB, 96BB-10300-BC, 96BB-10300BE, 96BB-10300-BE, CGB-83918, DRA3586, F5RU-10300-BB, F5RU-10300-BC, F5RU-10346-BC, F6RU-10300-AA

APLICAÇÕES:

BMW

✓ 3 320i 2.0	1990→1999
✓ 3 323i 2.5	1995→1999
✓ 3 323ti 2.5	1997→2000
✓ 3 325i 2.5	1990→1999
✓ 3 328i 2.8	1995→1999
✓ 5 520i 2.0	1991→1997
✓ 5 520i 24V 2.0	1989→1995
✓ 5 525i 2.5	1991→1997
✓ 5 525i 24V 2.5	1989→1995
✓ 5 525iX 24V 2.5	1991→1995

FORD

✓ COUGAR ST 200 2.5	2000→2001
✓ COUGAR V6 24V 2.5	1998→2001
✓ MONDEO 2.5 ST 200 2.5	1999→2000
✓ MONDEO 24V 2.5	1996→2000
✓ MONDEO i 24V 2.5	1994→1996
✓ MONDEO V6 24V 2.5	2000→2007

Ref. 06.CGB-13586

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12V

Informação Técnica

REFERÊNCIAS:
0986049880, 0986JR0153, 12060203EU, 12060207EU, 1-2162-03, 437697, 9090303, A003T09198, A003TA3098, A003TA3098A, A003TA3098AT, A3T09198, A3TA3098, A3TA3098A, A3TA3098AT, CGB-83536, DRA3875, DRA3875N, M511I62, ME201745, ME201837, ME202755

APLICAÇÕES:

MITSUBISHI

✓ MONTERO TD 2.8	1994→2000
✓ PAJERO 2.8	-

Ref. 06.155538090 ■ 06.155530075VK

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12V

Informação Técnica

REFERÊNCIAS:
0002626, 0120335012, 0986038740, 0986038781, 0986038811, 12038740EU, 2541461, 2541710, 2541738B, 2541740, 2541740B, 433160, 433162, 436338, 436339, 5705F3, 5705F4, 5705J0, 5705Y1, 746005, 746047, 746805, 746847, 9038740, 9038811, 9612259680, A11VI17, A11VI25, A11VI40, A11VI50, A11VI51, A11VI72, A13VI31, A13VI49, A13VI87, AAK5136, CGB-81970, CGB-82690, DRA3234, DRA3236, DRA3236N, VA286, VA287, VA844

APLICAÇÕES:

CITROEN

✓ BERLINGO D 1,9	1996→
✓ JUMPER TD 1,9	1994→2002
✓ XANTIA SD 1,9	1997→1998
✓ XSARA D 1,9	1998→2000

FIAT

✓ DUCATO D 1,9	1998→2002
✓ SCUDO TD 1,9	1996→
✓ SCUDO TD Eco 1,9	1996→

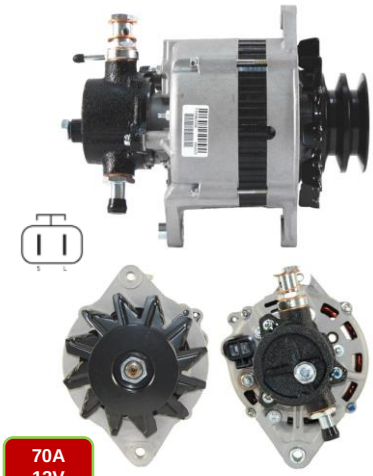
PEUGEOT

✓ 306 D 1,8	1993→2001
✓ 306 D 1,9	1998→2002
✓ 405 1,6	1987→1992
✓ 405 1,6	1988→1992
✓ BOXER D 1,9	1994→2002
✓ BOXER TD 1,9	1996→2002
✓ EXPERT TD 1,9	1996→
✓ PARTNER 1,8	1997→

SUZUKI

✓ BESCUDO D 1,9	1996→1999
✓ ESCUDO D 1,9	1996→1998

Ref. 06.112299 ■ 06.225503080+



70A
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Informação Técnica

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12060241EU, 23100-02N14, 23100-02N15, 23100-02N20, 23100-10G03, 23100-10G03-EP, 23100-10G05, 23100-20N01, 23100-43G06, 23100-V1905, 23100-V1905-EP, ALT-V036, DRA3206, DRA3206N, DRA3897, LR150-428T, LR150-430, LR160-422, LR160-422B, LR170-407, LR170-407S

APLICAÇÕES:

NISSAN

✓ NAVARA D 2.7	1987→1991
✓ PATHFINDER TD 2.7	1997→2004
✓ PICK-UP 720 D 2.5	1983→1986
✓ TERRANO Di 3.0	2002→
✓ TERRANO TD 2.7	1993→2002

Ref. 06.CGB-18930 ■ 06.165811070+

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Informação Técnica

REFERÊNCIAS:
LRA03337, LRA3337, 1800A007, A005TG0491, A005TG0491ZT, A5TG0491, A5TG0491ZT

APLICAÇÕES:

MITSUBISHI

✓ L200 2.5 DI-D	2007→
✓ L200 2.5 DI-D (KA4T)	2010→
✓ L200 2.5 DI-D 4WD (KB4T)	2005→
✓ L200 2.5 DI-D 4WD (KB4T)	2007→
✓ L200 2.5 DI-D 4WD (KB4T)	2010→
✓ L200 2.5 DiD (KA4T)	2005→

Ref. 06.115477 ■ 06.155584090+

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115A
12V

Informação Técnica

REFERÊNCIAS:
1042104100, 1042104101, 1042104102, 1042105150, 1042105151, 1042105590, 1042105591, LRA02843, LRA2843, 270600N020, 270600N021, 270600N02184, 270600N030, 270600N031, 2706033070, 2706033071, 270603307184, 2706033072

APLICAÇÕES:

TOYOTA

✓ AURIS 1.4 D-4D	2007→
✓ COROLLA 1.4 D	2004→2007
✓ COROLLA 1.4 D-4D	2004→
✓ COROLLA 1.4 D4-D	2004→2007

Ref. 06.114291 ■ 06.195582115OE

130A
12V

Informação Técnica

REFERÊNCIAS:
1042101880, 1042101881, 1042101882, 1042104501, 1042104591, 1042104770, 1042104771, LRA03161, LRA3161, 270600G021, 270600R080, 2706026030

APLICAÇÕES:

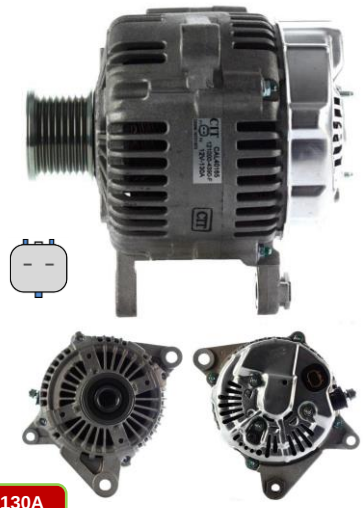
LEXUS

✓ IS 200d	2010→
✓ IS 220d (ALE20)	2005→

TOYOTA

✓ AVENSIS 2.0 D-4D	2001→
✓ AVENSIS 2.2 D-4D	2005→
✓ COROLLA 2.2 D-4D	2005→2009
✓ RAV 4 2.2 D-4D	2008→
✓ RAV 4 2.2 D-4D 4WD	2006→
✓ RAV 4 2.2 D-CAT 4WD	2006→
✓ VERSO 2.0 D-4D	2009→
✓ VERSO 2.2 D-4D	2009→
✓ VERSO 2.2 D-CAT	2009→

Ref. 06.195568130 ■ 06.A6052DENSO



130A
12V

Informação Técnica

REFERÊNCIAS:
05003561AA, 05014087AA, 114243, 1210004390, 1210004391, 18522026, 22159, 274770, 38522276, 38522276F, 835522130, 930235, ALT6190sa, CAL40165AS, DRA0235, DRA0341(140Amp), EF35320, KTR1671044260, LRA01159

APLICAÇÕES:

JEEP

✓ Cherokee 2.2 CRD	01.2001→
✓ Cherokee 2.5 TD	01.1996→12.2001
✓ Grand Cherokee 3.1 TD	01.2000→12.2002

Ref. 06.835522130+ ■ 06.CGB-74770

50A
24V

Informação Técnica

REFERÊNCIAS:
LRA02994, LRA2994, A004TU3088, A4TU3088, ME017632

APLICAÇÕES:

MITSUBISHI

✓ CANTER 60	1986→
✓ CANTER 75	1997→

Ref. 06.156002040JR ■ 06.CGB13053

40A
12V

Informação Técnica

REFERÊNCIAS:
111832, A0T25171, A0T25271, A0T25371, CGB-82645, MM435081, MM435752

APLICAÇÕES:

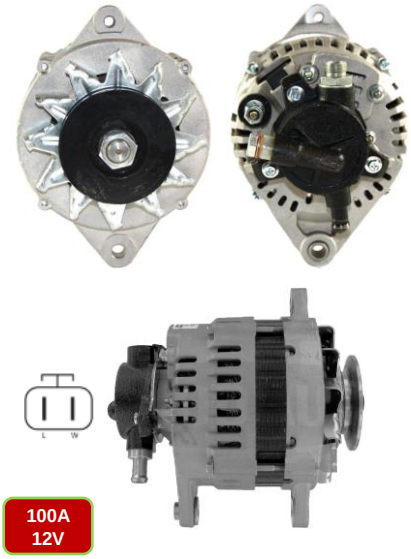
SOLÉ

✓ DIESEL Mini 11, DIESEL Mini 17, DIESEL Mini 26

VENUS

✓ Marine

Ref. 06.CGB-13047



100A
12V

Informação Técnica

REFERÊNCIAS:
0986043941, 4394, LR1100501, LR1100501B, LR1100501C, 8971502011, LRB00299, LRB299, 437180

APLICAÇÕES:

OPEL

✓ ASTRA 1.7 TDS	1991→1998
✓ COMBO 1.7 D	1994→2001
✓ VECTRA 1.7 TD	1990→1998

***VAUXHALL**

✓ VECTRA 1.7 TD	1990→1998

Ref. 06.CGB-13022 ■ 06.111831

*As marcas e números originais servem apenas como referência, excepto onde mencionadas como tal.

85A
12V

Informação Técnica

REFERÊNCIAS:
0986049470, 0986049600, 10480073, 12060796, 219138, 219139, 219202, 28-3507, 437666, 9090157, 96190262, 96219139, 96224431, 96258990, 96303556, CGB-83502, CGB-83507, DRA3638, DRA3638N, LRB00433

APLICAÇÕES:

CHEVROLET
- ✓ REZZO 1,6 2005→

DAEWOO
- ✓ LANOS 1.4, 1.5 , 1.6 16V 1997→
- ✓ NUBIRA 1.6, 1.8 2003→
- ✓ NUBIRA 1.6 16V, 2.0 16V 1997→

Ref. 06.CGB13020 ■ 06.235501085R

100A
12V

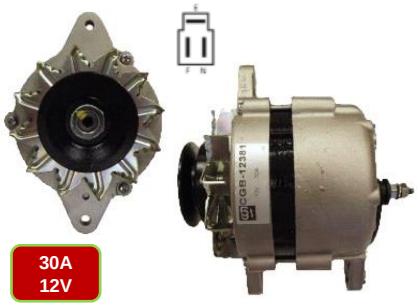
Informação Técnica

REFERÊNCIAS:
12060878, 31400-84A00, 31400-84A01, A003TN2581, A3TN2581, CGB-85860, DRA0839

APLICAÇÕES:

SUZUKI
- ✓ SUZUKI JIMNY DDiS

Ref. 06.CGB-12581



30A
12V

Informação Técnica

REFERÊNCIAS:
0003106, 021000-0719, 021000-0814, 021000-1241, 021000-1242, 021000-1602, 021000-2490, 021000-2500, 021000-2840, 021000-2990, 021000-2991, 021000-3061, 021000-3140, 021000-3520, 021000-4500, 021000-4550, 021000-5450, 021000-5490, 021000-5600, 021000-6370, 021000-6410, 021000-6840, 021000-6900, 021000-7250, 021000-8120, 021000-8130, 021000-8140, 021000-8620, 021000-8640, 021000-8660, 021000-8670, 021000-9561, 0986032381, 0986032401, 0986035061, 0986035071, 0986120000, 0986120005, 12060018EU, 12060326EU, 121000-0551, 121000-0552, 121000-0561, 121000-0580, 121000-0920, 121000-0980, 121000-1590, 15411-64011, 15763-64010, 15763-64011, 15763-64012, 27010-22010, 27020-13030, 27020-22012, 27020-23012, 27020-23022, 27020-24020, 27020-24021, 27020-31050, 27020-31051, 27020-31090, 27020-87212, 27020-87214, 27020-87216, 27020-87505, 27020-87507, 436525, 9051200, 9051207, 9051231, CGB-70595, DRA2381, DRA2401, DRA5061

APLICAÇÕES:

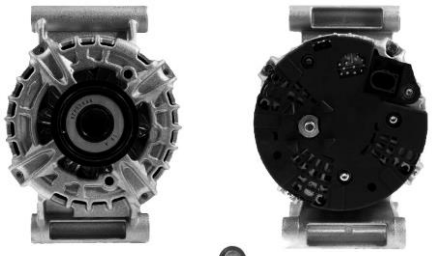
DAIHATSU
- ✓ CUORE 0.6 1982→1985
- ✓ F SERIES D 1.6 1976→1985
- ✓ MOVE 0.8 1996→

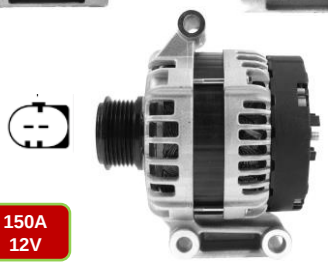
SUZUKI
- ✓ CARRY 0.8 1980→1985
- ✓ LJ 80 0.8 1980→1984
- ✓ SIERRA 1.0, SJ410 1.0 1981→1988

TOYOTA
- ✓ 1000 1.0 1969→
- ✓ COROLLA 1.2 1972→1980
- ✓ HIACE 1.6 1977→1984
- ✓ STARLET 1.0 1978→1984
- ✓ STARLET 1000 1.0 1976→1978
- ✓ STARLET S 1.2 1978→1982

KUBOTA
- ✓ Diversos modelos

Ref. 06.CGB-12381





150A
12V

Informação Técnica

REFERÊNCIAS:
0125711001, 0125711058, 0125711101, 0125711102, 0125711131, 0986082580, 8258, 9674987580, 1745661, 1797966, 1874992, 1889371, BK2T10300BB, CC1T10300BA, CC1T10300BB, CC1T10300BC, CC1T10300BD, LRA03592, LRA3592, 9674987580

APLICAÇÕES:

CITROËN
- ✓ RELAY 2.2 HDi 110, 130, 15 2011→

FORD
- ✓ TOURNEO 2.2 TDCi 2006→

PEUGEOT
- ✓ BOXER 2.2 HDi 110, 130, 15 2011→

Ref. 06.CGB-11037 ■ 06.225561150+

45A
24V

Informação Técnica

REFERÊNCIAS:
0125711001, 0125711102, 0125711132, 0986082580, 1874992, 1889371, 28-6702, CGB-86702

APLICAÇÕES:

CITROEN
- ✓ JUMPER Autobus 2.2 HDi 130, 150 2011→
- ✓ JUMPER Caixa 2.2 HDi 110, 130 2011→

FORD
- ✓ TOURNEO CONNECT Di 1,8 2002→
- ✓ TRANSIT Furgão 2.2 TDCi 2011→

Ref. 06.CGB10536 ■ 06.636001050+

100A
12V

Informação Técnica

REFERÊNCIAS:
0986048340, 28-5650, 6204251, 897355-1981, 897355-1982, 93189495, CAL20156AS, CGB-85650, JA1901IR, LR1100-503, LRA03038

APLICAÇÕES:

HONDA
- ✓ Civic VI 1.7 CTDI 01/02→09/05

OPEL
- ✓ COMBO CDTI 16V 1.7 2004→
- ✓ MERIVA CDTI 1.7 2003→2010
- ✓ Astra 1.7 Turbo Diesel 9/97→12/00
- ✓ Corsa Y1.7DTL 11/00→
- ✓ Corsa 1.7 Diesel

Ref. 06.CGB-10503 ■ 06.135602100+

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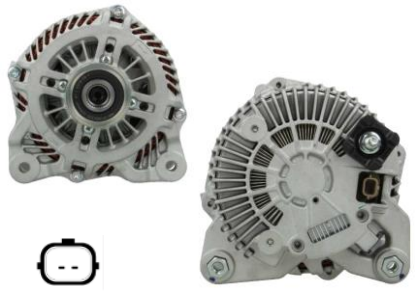


210A
12V

Informação Técnica

REFERÊNCIAS:
12090287, 231004470R, 7711368888, 8200404465, 8200654785, 8200960536, 9090738, A004TJ0281, A004TJ0282, A004TJ0282ZE, A4TJ0281, A4TJ0282, A4TJ0282ZE, CGB-85738, DRA0381

APLICAÇÕES:

RENAULT

✓	ESPACE dCi 2.0	2006→
✓	LAGUNA dCi 2.0	2007→
✓	LAGUNA dCi 3.0	2008→
✓	MEGANE	
✓	MEGANE TCe 2.0	2008→

Ref. 06.CGB10381 ■ 06.575916210

90A
12V

Informação Técnica

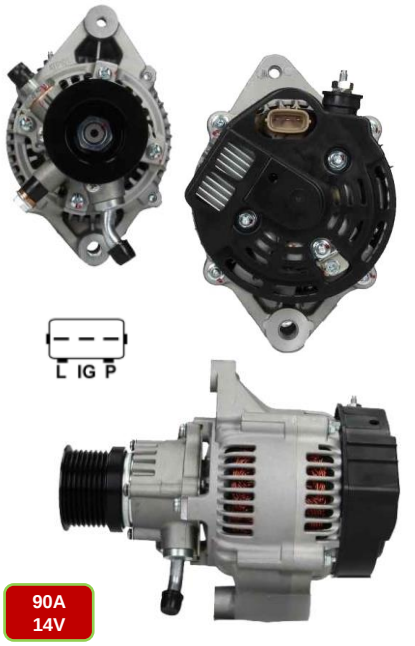
REFERÊNCIAS:
0986080740, 23100-VK010, A003TB0699, A003TB5099, A3TB0699, A3TB5099, CGB-84797, DRA0145, DRA0145N, J5111097

APLICAÇÕES:

NISSAN

✓	NAVARA Di 2.5	2002→
✓	NAVARA TD 2.5	1998→
✓	X-TRAIL dCi 2.2	2003→
✓	X-TRAIL Di 2.2	2001→
✓	Patrol 2.8	

Ref. 06.CGB-10145 ■ 06.165536090OE



90A
14V

Informação Técnica

REFERÊNCIAS:
0986044501, 1002132380, 135701090, 284664, 3852226F, 6204162, 91153669, 930648, 93175969, DRA0648, LRA02200

APLICAÇÕES:

OPEL / VAUXHALL

✓	Frontera 2.5 TD, 2.5 TD	01/1996→12/1998

Ref. 06.CBG14238 ■ 06.135701090+

60A
24V

Informação Técnica

REFERÊNCIAS:
0986037221, 0986037241, 0986038351, 3722, 3724, 3835, LRA02449, LRA2449, 5000786439, 5001014142, 5001014166, 5010050717, 5010235982, 2100363, 2181757, 2181761, 2181762, 2541403, 2541778, 436351, 36352, 436707, A13N140T, A13N229T, A13N22T, A13N4T, A13N56, A13N5T, A14N114, A14N114T, A14N115, A14N115M, A14N116M, A14N177M, A14N196, A14N196M, A14N198M, A14N30M

APLICAÇÕES:

RENAULT

Ref. 06.ALT20022 ■ 06.CA898IR

60A
24V

Informação Técnica

REFERÊNCIAS:
A3TA8291

APLICAÇÕES:

RENAULT

✓ Diversos modelos de camiões

Ref. 06.AVA2013

90A
24V

Informação Técnica

REFERÊNCIAS:
A14VI19, 0120468131, 081768131, 0986039490, 0986039491, 111886, 12706, 12706N, 1409378, 1409380, 19025114, 19025116, 2205159B, 2205432, 437588, 482639, 5596SP, 571416, 571438, 571498, 6033GB3033, 6033GB3034, 6186SP, 860557, 8EL737195001, 916007065, 939490, 9939490F, ALT1048sa, ALT5138sa, CA1148IR, DRA9490, HCA1148IR, KTR1832014130, LRA02475

APLICAÇÕES:

SCANIA

✓ Vários modelos

Ref. 06.111886 ■ 06.AVA2009

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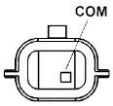


120A
12V

Informação Técnica

REFERÊNCIAS:
AVA1285, TG12C124

APLICAÇÕES:

RENAULT

✓ CAPTUR 1.5 dCi 90	2013→
✓ CLIO IV 1.5 dCi 75/90	2012→
✓ FLUENCE (L30) 1.5 dCi	2010→
✓ KANGOO (KW0/1) 1.5 dCi 110	2013→
✓ GRAND KANGOO (KW0/1) 1.5 dCi 110	2013→
✓ MEGANE III Fastback (BZ0_) 1.5 dCi	2008→

DACIA

✓ LOGAN MCV II 1.5 dCi	2013→

Ref. 06.AVA1285OE

150A
12V

Informação Técnica

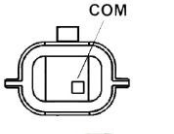
REFERÊNCIAS:
AVA1273, TG15C130

APLICAÇÕES:

MERCEDES

✓ CLASSE C 180 CDI	2011→
✓ CLASSE C 200 CDI	2011→
✓ CLASSE C 220 CDI	2008→
✓ CLASSE C 250 CDI	2008→
✓ CLASSE E Coupé E 220/250 CDI	2010→
✓ CLASSE E Descapotável E 220/250 CDI	2010→

Ref. 06.AVA1273OE ■ 06.555578150OE



150A
12V

Informação Técnica

REFERÊNCIAS:
AVA1272, FG15T030

APLICAÇÕES:

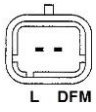
OPEL

✓ MOVANO 2.3 CDTI	2010→

RENAULT

✓ MEGANE 2.0 DCI	2008→

Ref. 06.AVA1272OE



125A
12V

Informação Técnica

REFERÊNCIAS:
AVA1251, SG12B105

APLICAÇÕES:

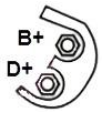
DACIA

✓ LOGAN 1.5DCI	

RENAULT

✓ CLIO II 1.5DCI	
✓ KANGOO 1.5DCI	

Ref. 06.575537120+ ■ 06.AVA1251



120A
12V

Informação Técnica

REFERÊNCIAS:
AVA1240, SG12B040

APLICAÇÕES:

CITROEN

✓ JUMPER 2.8HDI	

PEUGEOT

✓ BOXER 2.8HDI	2002→

Ref. 06.AVA1240 ■ 06.225532120OE

120A
12V

Informação Técnica

REFERÊNCIAS:
AVA1230, A14VI28

APLICAÇÕES:

BMW

✓ SERIES 3 D	1998→2001

Ref. 06.AVA1230 ■ 06.455507150OE

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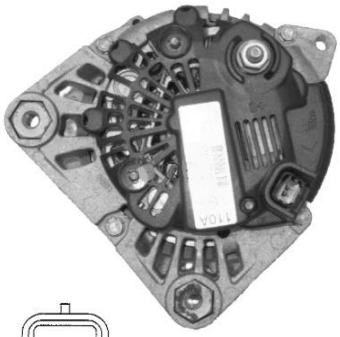
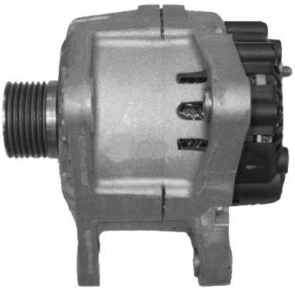




110A 12V

Informação Técnica

REFERÊNCIAS:
AVA1221, TG11C010

APLICAÇÕES:

RENAULT
✓ MEGANE 1.9DCI

Ref. 06.575577110 ■ 06.575577150+

80A 12V

Informação Técnica

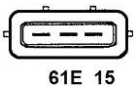
REFERÊNCIAS:
AVA1217, A13VI84

APLICAÇÕES:

CITROEN
✓ AX 1.5D, SAXO 1.5D, XSARA 1.5D

PEUGEOT
✓ 106 1.5D

Ref. 06.AVA1217 ■ 06.225517080+



95A 12V

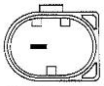
Informação Técnica

REFERÊNCIAS:
AVA1182, A13VI97

APLICAÇÕES:

BMW
✓ 318 TDS

Ref. 06.AVA1182 ■ 06.215523095ROE



170A 12V

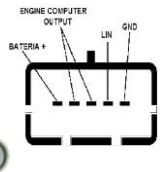
Informação Técnica

REFERÊNCIAS:
AVA1171, TG17C015

APLICAÇÕES:

BMW
✓ Serie 1 2005→
✓ Serie 3 2005→

Ref. 06.215517170OE ■ 06.AVA1171



180A 12V

Informação Técnica

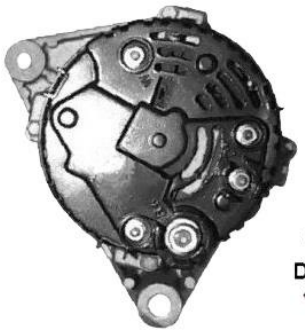
REFERÊNCIAS:
AVA1153, IST60C017

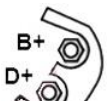
APLICAÇÕES:

CITROEN
✓ C3,C4,C5 1.6 HDI

PEUGEOT
✓ 308,508,5008 1.6 HDI

Ref. 06.AVA1153OE ■ 06.210958





70A 12V

Informação Técnica

REFERÊNCIAS:
AVA1135, A11VI11

APLICAÇÕES:

CITROEN
✓ BERLINGO, SAXO 1.1i, 1.4i

PEUGEOT
✓ 106, 306 1.4i

Ref. 06.AVA1135 ■ 06.225501070+

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150A
12V

Informação Técnica

REFERÊNCIAS:
AVA1100, TG15C073

APLICAÇÕES:

BMW

✓	SERIE 1 118, 120D	2004→
✓	SERIE 3 320, 330	2004→

Ref. 06.AVA1100OE ■ 06.215532150+

50A
12V

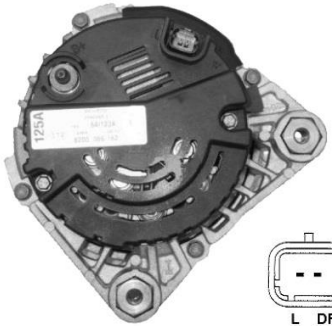
Informação Técnica

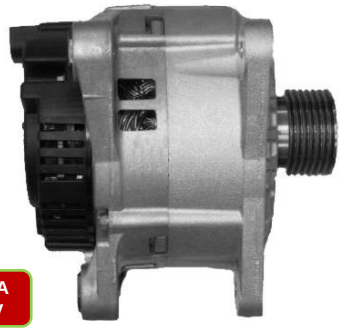
REFERÊNCIAS:
A13N52

APLICAÇÕES:

CASE
PORSCHE

Ref. 06.AVA1065





125A
12V

Informação Técnica

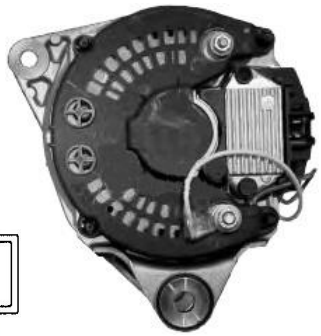
REFERÊNCIAS:
AVA1064, SG12B052

APLICAÇÕES:

RENAULT

✓	MEGANE 1.9DCI - 2.0 16V
✓	SCENIC II 1.9DCI

Ref. 06.AVA1064 ■ 06.575583125



50A
12V

Informação Técnica

REFERÊNCIAS:
AVA1056, A13N160

APLICAÇÕES:

RENAULT

✓	EXPRESS DIESEL
✓	SUPER DIESEL

Ref. 06.AVA1056 ■ 06.575015055+

70A
12V

Informação Técnica

REFERÊNCIAS:
AVA1036, A11VI91

APLICAÇÕES:

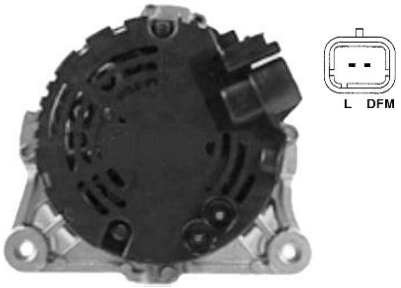
CITROEN

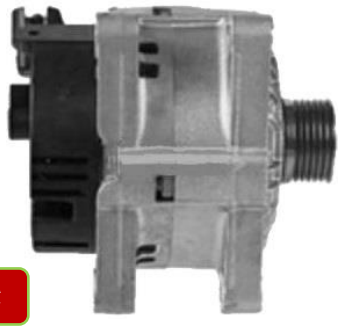
✓	BERLINGO 1.9D
✓	JUMPY, XSARA 1.9D

PEUGEOT

✓	206 1.6, 2.0, 1.9D
✓	PARTNER 1.9D

Ref. 06.AVA1036





90A
12V

Informação Técnica

REFERÊNCIAS:
AVA1034, SG10B023

APLICAÇÕES:

CITROEN

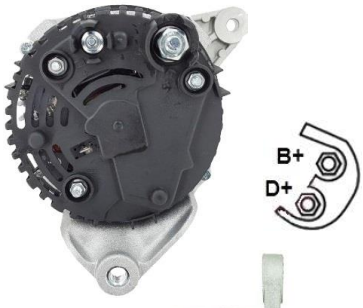
✓	C2, C3 1.1/1.4/1.6

PEUGEOT

✓	307 1.4/1.6

Ref. 06.225531080OE ■ 06.225531090OR+

*As marcas e números originais servem apenas como referência, excepto onde mencionadas como tal.



70A
12V

Informação Técnica

REFERÊNCIAS:
AVA1023, A11VI45

APLICAÇÕES:

CITROEN
- ✓ AX, SAXO, XSARA 1.5D
- ✓ 106 I II 1.5D

ROVER
- ✓ 100 1.5D

Ref. 06.AVA1023

55A
24V

Informação Técnica

REFERÊNCIAS:
APE2003, 66021507

APLICAÇÕES:

CUMMINS
DAF
ERF

Ref. 06.APE2003OE

70A
12V

Informação Técnica

REFERÊNCIAS:
APE1036, 66021147

APLICAÇÕES:

CASE

Ref. 06.APE1036OE

37A
12V

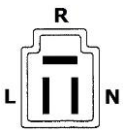
Informação Técnica

REFERÊNCIAS:
APE1027, 8MR2341

APLICAÇÕES:

THERMO KING

Ref. 06.APE1027OE



40A
24V

Informação Técnica

REFERÊNCIAS:
ANK2008, 035000-3010

APLICAÇÕES:

ISUZU

Ref. 06.ANK-2008

95A
24V

Informação Técnica

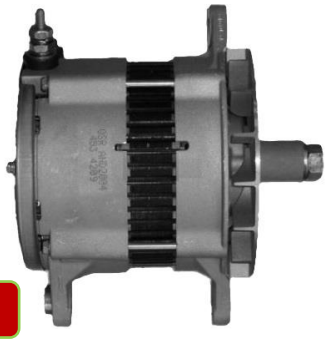
REFERÊNCIAS:
AND2006, 101211-8340

APLICAÇÕES:

CATERPILLAR

Ref. 06.AND2006 ■ 06.ALT30468

* As marcas e números originais servem apenas como referência, excepto onde mencionadas como tal.



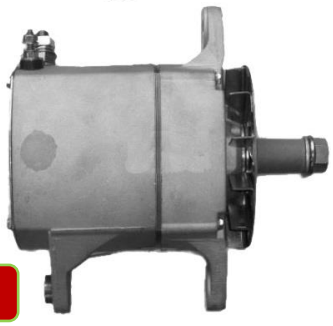
65A
24V

Informação Técnica

REFERÊNCIAS:
AND2004, 101211-8130

APLICAÇÕES:
CATERPILLAR
CUMMINS

Ref. 06.AND2004



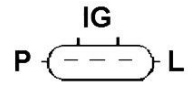
50A
24V

Informação Técnica

REFERÊNCIAS:
AND2003, 100211-0890

APLICAÇÕES:
CATERPILLAR (Escavadoras)

Ref. 06.AND2003 ■ 06.111261



60A
24V

Informação Técnica

REFERÊNCIAS:
AND2002, 101211-7920

APLICAÇÕES:
CATERPILLAR

Ref. 06.114364 ■ 06.196504050

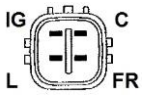
150A
12V

Informação Técnica

REFERÊNCIAS:
AND1080, 104210-3710

APLICAÇÕES:
LAND ROVER
✓ DISCOVERY III 2.7TD 2004→

Ref. 06.AND1080 ■ 06.455523150



130A
12V

Informação Técnica

REFERÊNCIAS:
AND1062, 104210-3911

APLICAÇÕES:
HONDA
✓ CIVIC VII 2.2 CTDI
✓ CR-V II 2.2 CTDI
✓ CR-V III 2.2 CTDI

Ref. 06.125569120OE ■ 06.210844

160A
12V

Informação Técnica

REFERÊNCIAS:
AND1060, 421000-0081

APLICAÇÕES:
CHRYSLER
✓ VOYAGER III 2.5CRD

Ref. 06.AND1060 ■ 06.835535160+

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70A
12V

Informação Técnica

REFERÊNCIAS:
AND1054, 102211-8730

APLICAÇÕES:

CITROEN
- ✓ C1 1.0i

TOYOTA
- ✓ AYGO 1.0i

Ref.	06.AND1054 ■ 06.195910080+

90A
14V

Informação Técnica

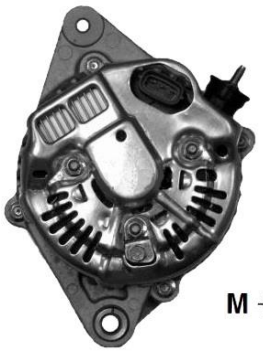
REFERÊNCIAS:
0124225051, 0986080770, 8077, LRA03212, LRA3212, 270600Q040, 27060-0Q040, CA1889IR

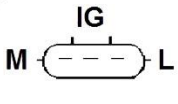
APLICAÇÕES:

TOYOTA

✓	VIOS/YARIS 1.0	2007→
✓	YARIS/VITZ 1.0 VVTi	2005→

Ref.	06.114311 ■ 06.195940080OE





90A
12V

Informação Técnica

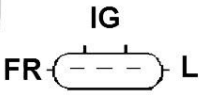
REFERÊNCIAS:
AND1051, 102211-1680

APLICAÇÕES:

TOYOTA

✓	YARIS 1.0	1999→

Ref.	06.AND1051 ■ 06.195565090+



125A
12V

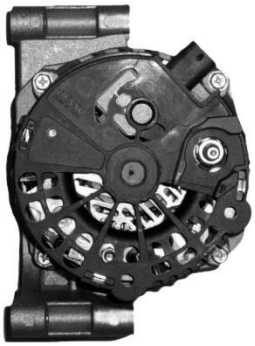
Informação Técnica

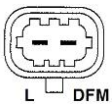
REFERÊNCIAS:
AND1050, 102211-2230

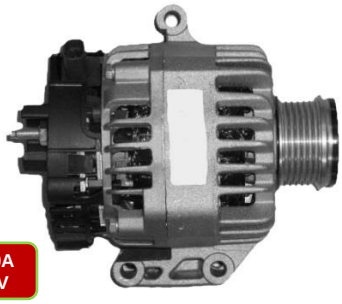
APLICAÇÕES:

MINI
- ✓ COOPER 1.6

Ref.	06.AND1050 ■ 06.445506105+







120A
12V

Informação Técnica

REFERÊNCIAS:
AND1044, 101210-0970

APLICAÇÕES:

OPEL
- ✓ AGILA 1.3 CDTI, ASTRA H 1.3 CDTI, CORSA C, D 1.3 CDTI, MERIVA 1.3 CDTI

Ref.	06.114754 ■ 06.135556105OE

120A
12V

Informação Técnica

REFERÊNCIAS:
AND1014, 100213-2530

APLICAÇÕES:

LAND ROVER
- ✓ DEFENDER 2.5 TD 1998→

Ref.	06.AND1014 ■ 06.455702120+

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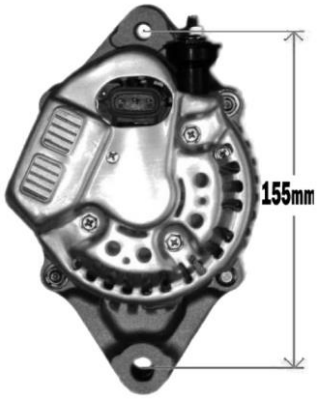
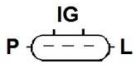




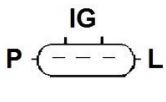
55A
12V

Informação Técnica

REFERÊNCIAS:
AND1011, 101211-2240

APLICAÇÕES:
CATERPILLAR

Ref.	06.AND1011 ■ 06.645503055+



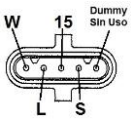
90A
12V

Informação Técnica

REFERÊNCIAS:
AND1010, 101211-9010

APLICAÇÕES:
CATERPILLAR

Ref.	06.AND1010 ■ 06.645505090



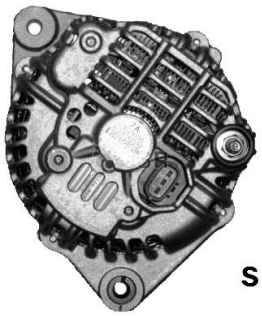
100A
24V

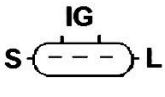
Informação Técnica

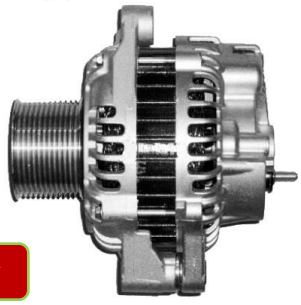
REFERÊNCIAS:
AMI2007, A4TA8191

APLICAÇÕES:
DEUTZ
KHD

Ref.	06.AMI2007 ■ 06.566501100OE







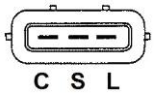
90A
24V

Informação Técnica

REFERÊNCIAS:
AMI2006, A4TA0591

APLICAÇÕES:
IVECO
- ✓ EUROSTAR
- ✓ EUROTECH
- ✓ EUROTRAKKER
- ✓ STRALIS

Ref.	06.AMI2006



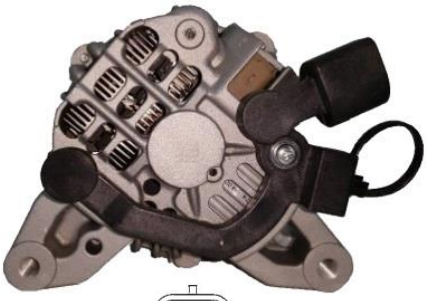
150A
12V

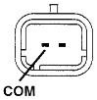
Informação Técnica

REFERÊNCIAS:
AMI1111, A2TX1781

APLICAÇÕES:
NISSAN
- ✓ NAVARA
- ✓ PATHFINDER

Ref.	06.AMI1111 ■ 06.165582150+





120A
12V

Informação Técnica

REFERÊNCIAS:
AMI1084, A003TG1891

APLICAÇÕES:
CITROEN
PEUGEOT

Ref.	06.AMI1084

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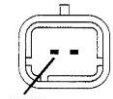


80A
12V

Informação Técnica

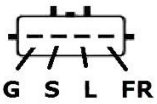
REFERÊNCIAS:
AMI1078, A5TG0881ZEB

APLICAÇÕES:

CITROEN
- ✓ BERLINGO, C3

PEUGEOT
- ✓ 207, 208

Ref.	06.AMI1078 ■ 06.225553080



90A
12V

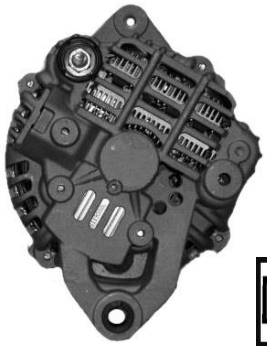
Informação Técnica

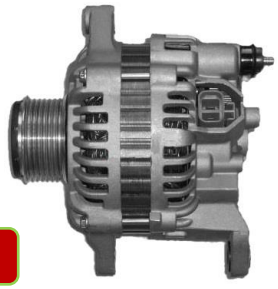
REFERÊNCIAS:
AMI1075, A5TG0491

APLICAÇÕES:

MITSUBISHI
- ✓ L200
- ✓ PAJERO

Ref.	06.AMI1073





135A
12V

Informação Técnica

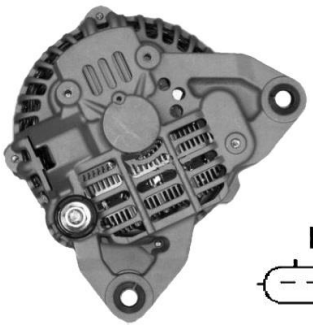
REFERÊNCIAS:
AMI1059, 23100-DB000

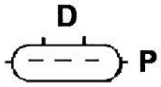
APLICAÇÕES:

OPEL
- ✓ MOVANO 3.0 CDTI

RENAULT
- ✓ MASTER 3.0

Ref.	06.AMI1059





90A
12V

Informação Técnica

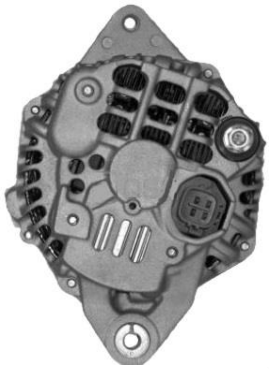
REFERÊNCIAS:
AMI1056, A3TB6581

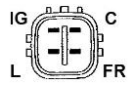
APLICAÇÕES:

MAZDA

✓	3xx 2.0	2003→
✓	5xx 2.0, 2.0D	2005→
✓	6xx 2.0	2002→

Ref.	06.AMI1056 ■ 06.145548090





80A
12V

Informação Técnica

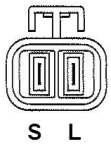
REFERÊNCIAS:
AMI1048, A5TB0091

APLICAÇÕES:

HONDA

✓	JAZZ 1.2, 1.4	2002→
✓	CIVIC VIII Hatchback (FN, FK) 1.4	

Ref.	06.AMI1048 ■ 06.125530080



90A
12V

Informação Técnica

REFERÊNCIAS:
AMI1037, A3TA3098

APLICAÇÕES:

MITSUBISHI

✓	PAJERO 2.8TD	1994>2000

Ref.	06.AMI1037 ■ 06.111626

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40A 12V

Informação Técnica

REFERÊNCIAS:
AMI1033, A3T03277A, 00591-33580-81, 00591-55973-81, 1500145-04, 2690027-70, 5059605-60, 5059765-79, 5800009-90, 8000456-00, 9019488-01, A007T03277

APLICAÇÕES:

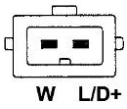
YALE
- ✓ Diversos empilhadores

MITSUBISHI
- ✓ FG20, FG25, FG30 2.4 1980-01→1987-2012

HYSTER
- ✓ Diversos empilhadores

SUMITOMO
- ✓ Diversos empilhadores

Ref. 06.AMI1033 ■ 06.111495



95A 12V

Informação Técnica

REFERÊNCIAS:
AMI1001, A3TN1791, 1017500, 1086299, 11.209.017, 11.209.410, 98VB10K359AB, 98VB10K359BA, 98VB10K359BB, 98VB10K359BC, 98VP10K359BA, 98VP10K359BB, A003TN1791, CA1317IR, AAK5512, AAK5573

APLICAÇÕES:

FORD
- ✓ TRANSIT 2.5D 1997→2000

Ref. 06.AMI1001 ■ 06.595601095+

30A 24V

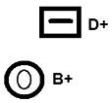
Informação Técnica

REFERÊNCIAS:
AMA2001, 63321050, 0120488252, 0120488253, 0986041940, 4194, 63320060, 63321115, 42498594, 42498628, 98417133, 98417134, 98417201, 98417208, 98417209, 98417212, LRB00300, LRB300, 510391, 9AR3952G, NA181

APLICAÇÕES:

IVECO
- ✓ EUROCARGO, EUROTECH, EUROTRAKKER, M

Ref. 06.AMA2001 ■ 06.506001035+



55A 12V

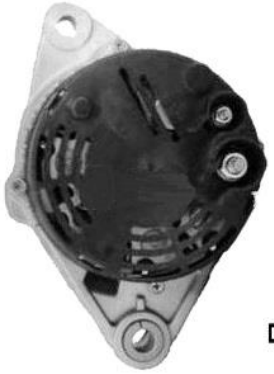
Informação Técnica

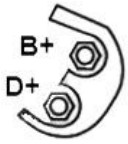
REFERÊNCIAS:
AMA1060, 63320094

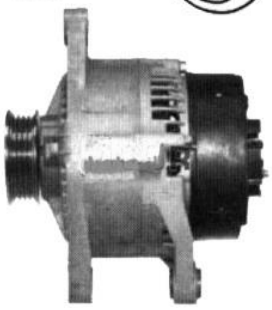
APLICAÇÕES:

FIAT
- ✓ Cinquecento 900 (i)
- ✓ Seicento 900 (i)

Ref. 06.AMA1060 ■ 06.505012055+







65A 12V

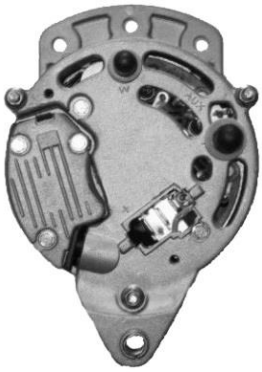
Informação Técnica

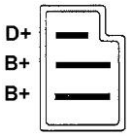
REFERÊNCIAS:
AMA1034, 63321277

APLICAÇÕES:

FIAT
- ✓ BRAVA 1.4i, BRAVO 1.4i

Ref. 06.AMA1034





30A 24V

Informação Técnica

REFERÊNCIAS:
ALU2000, NAB901

APLICAÇÕES:

UNIVERSAL

Ref. 06.ALU2000 ■ 06.016001055+

*As marcas e números originais servem apenas como referência, excepto onde mencionadas como tal.

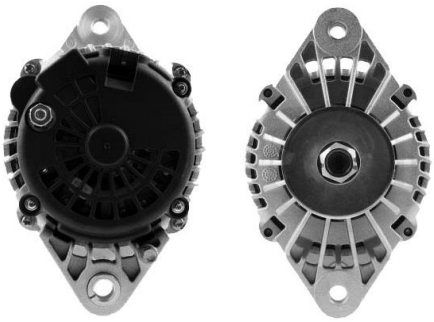
140A
24V

Informação Técnica

REFERÊNCIAS:
F045287, FO45287, RE522329, 0014727JB, 0014729LC, 014727JB, 4727JB, 4729LC, A0014727JB, A0014729LC, 4727JB, 4729LC, A0014727JB, A0014729LC

APLICAÇÕES:
JOHN DEERE
LEECE NEVILLE

Ref. 06.ALT41007 ■ 06.646010140



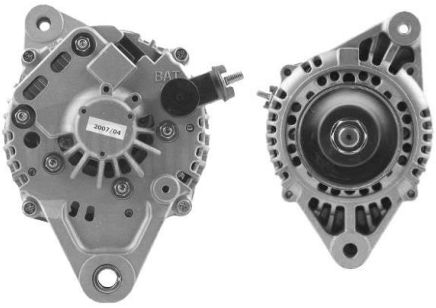
70A
24V

Informação Técnica

REFERÊNCIAS:
6089167, 6162529, 2874863, 3972735, 4936879, 4993343, 5282841, CU5282841, 8600017, 8600019, 8600020, 8600154, 8600360, 8600407, 8600504, 8700019, 4020872, 71440388, 71440473, 71440537, CU5282841

APLICAÇÕES:
CUMMINS

Ref. 06.ALT40023



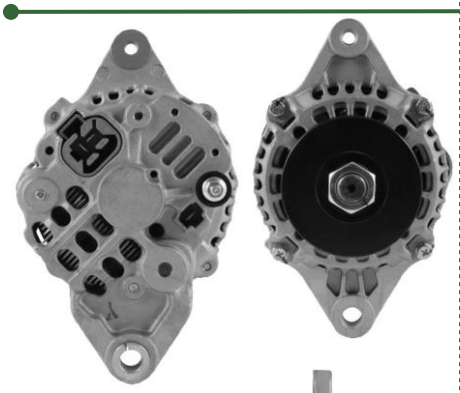
60A
12V

Informação Técnica

REFERÊNCIAS:
LR160723, LR160723B, 2310080G08, 2310080G09

APLICAÇÕES:
NISSAN

Ref. 06.ALT32136



55A
12V

Informação Técnica

REFERÊNCIAS:
185046380, 185046380, SBA185046380, A007TA1777, A007TA1777ZC, A7TA1777, A7TA1777ZC

APLICAÇÕES:
CASE
ISHIKAWAJIMA
MITSUBISHI

Ref. 06.ALT31331

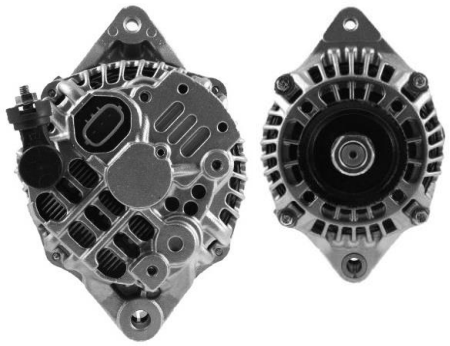
100A
12V

Informação Técnica

REFERÊNCIAS:
A003TR0188, A003TR0188ZT, A3TR0188, A3TR0188ZT, ME192608

APLICAÇÕES:
MITSUBISHI

Ref. 06.ALT31297



70A
12V

Informação Técnica

REFERÊNCIAS:
31100P2FC01, 31100P2FC02, AHGA27, AHGA39, A005TA1191, A005TA1191ZC, A005TA4891, A005TA4891ZC, A5TA1191, A5TA1191ZC, A5TA4891, A5TA4891ZC

APLICAÇÕES:
HONDA
✓ CIVIC1.6 1996→

Ref. 06.ALT31276

* As marcas e números originais servem apenas como referência, excepto onde mencionadas como tal.

90A
12V

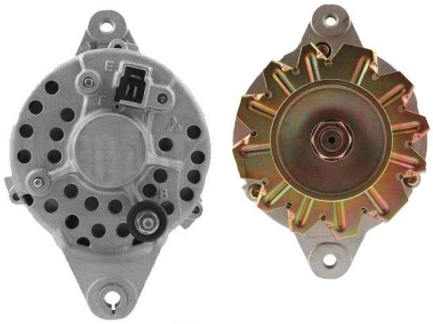
Informação Técnica

REFERÊNCIAS:
AHGA21, A002TA2191, A2TA2191

APLICAÇÕES:

HONDA

Ref. 06.ALT31191



40A
12V

Informação Técnica

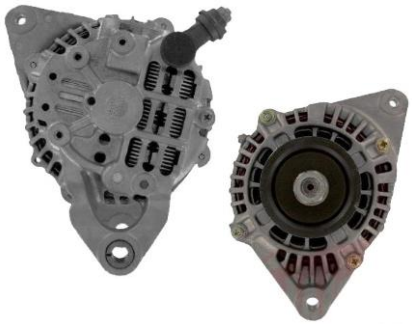
REFERÊNCIAS:
LRA01086, LRA1086, 3250065030, A001T25571, A001T31471, A001T32371, A001T33371, A1T25571, A1T31471, A1T32371, A1T33371, 3140072011, 3140072134, 3140078431, 3140078432, 437161

APLICAÇÕES:

SUZUKI

✓	ALTO 0.8	
✓	LJ, LJ 0.8	1980→1984
✓	SJ 1.0	1981→1988

Ref. 06.ALT31164



80A
12V

Informação Técnica

REFERÊNCIAS:
LRB00340, LRB340, A002T14694, A2T14694, 2310035F10, 2310035J10, 23100V7202, 437752

APLICAÇÕES:

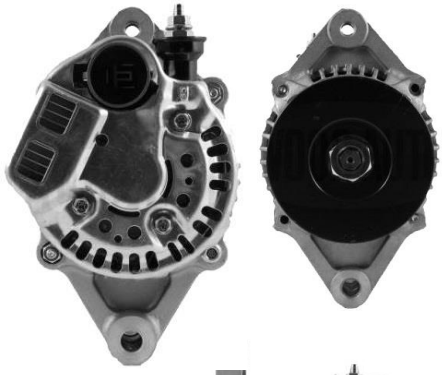
NISSAN

✓	200 SX 1.8, 1.8 Turbo	1988→1994
✓	200 SX 2.0i 16V	1988→1993

VOLVO

✓	S70 2.5 TDI	1997→2000
✓	V70 2.5 TDI	1997→2007

Ref. 06.ALT31009



50A
12V

Informação Técnica

REFERÊNCIAS:
1012113060

APLICAÇÕES:

TOYOTA

✓	Hi-Lux 2.4D, TD	

Ref. 06.ALT30578

120A
12V

Informação Técnica

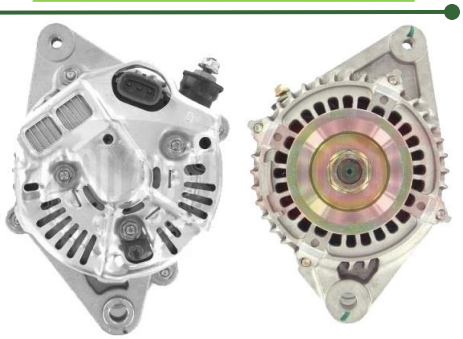
REFERÊNCIAS:
1022110860, TN1022110860, 1X4310300BD, XR822418, LRA03195, LRA3195

APLICAÇÕES:

JAGUAR

✓	X-TYPE 2.0 V6	2002→2009
✓	X-TYPE 2.5	2004→2009
✓	X-TYPE 2.5 V6 AWD	2001→2009
✓	X-TYPE 3.0	2004→2009
✓	X-TYPE 3.0 V6 AWD	2001→2007
✓	X-TYPE V6	2001→2009

Ref. 06.ALT30134



90A
12V

Informação Técnica

REFERÊNCIAS:
0986045861, 4586, 1022111680, 1022115250, 1022115410, 1022119420, 943355241010, LRA01951, LRA1951, LRB00471, LRB471, 2706023010, 2706023030, 2706023070

APLICAÇÕES:

CITROEN

✓	NEMO 1.4	2008→

TOYOTA

✓	YARIS / VITZ 1.0 16V	1999→2005

Ref. 06.ALT30110

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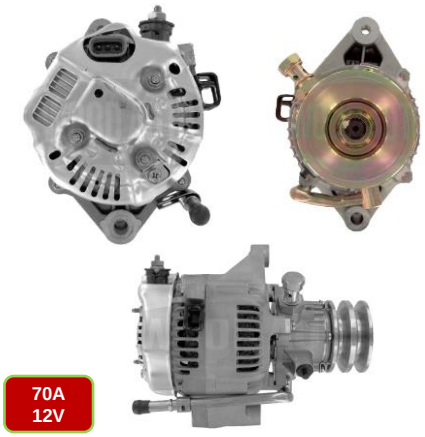

70A
12V

Informação Técnica

REFERÊNCIAS:

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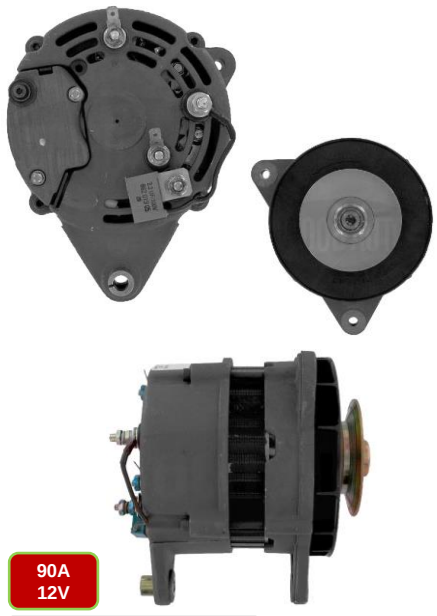
APLICAÇÕES:

TOYOTA

✓	HIACE 2.4D	1984→2006
✓	HIACE 2.4D (LXH12), 2.4TD (LXH12)	-
✓	HIACE 2.4TD 4WD (H18/28)	1995→2006
✓	HIACE 2.4TD 4WD (LXH18)	-
✓	HILUX 2.4D	1988→2005
✓	HILUX 2.4D (LN150)	-
✓	HILUX 2.4TD 4WD	1989→2002

Ref. 06.ALT30039



90A
12V

Informação Técnica

REFERÊNCIAS:

66021535, 66021587, 47020055, 47020057, 47020059, 47020065, 47020067, 47020068, 47020084, 47020088, 47020089, LRA01178, LRA1178, 2871A602, 66021535, 35361, 9AR2734P, 9AR2744P, 9AR2746P, 9AR2747P, 9AR2854P, 9AR2958P

APLICAÇÕES:

MARINE

✓	(Diversos modelos)	

Ref. 06.ALT25004OE ■ 06.112112

40A
12V

Informação Técnica

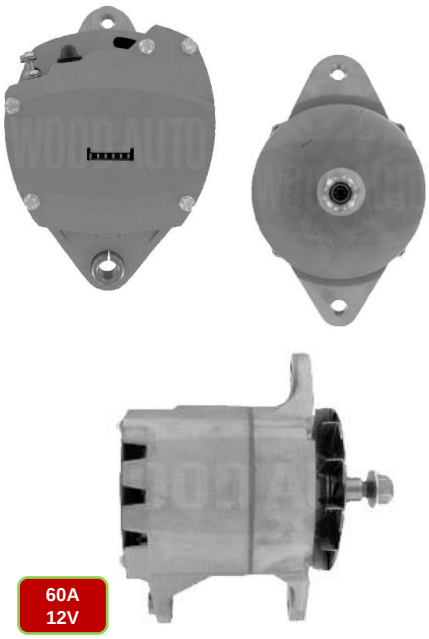
REFERÊNCIAS:

LR140701B, LR140714, LR140714B, LR140716, LR140721, LR140721B, AM878581, AM880733, 1752564011, LRA01950, LRA1950, 11983677200, 119836772002, 119836772003, 11983677201, 11983677202, 11983677203

APLICAÇÕES:

JOHN DEERE
KUBOTA

Ref. 06.ALT23000



60A
12V

Informação Técnica

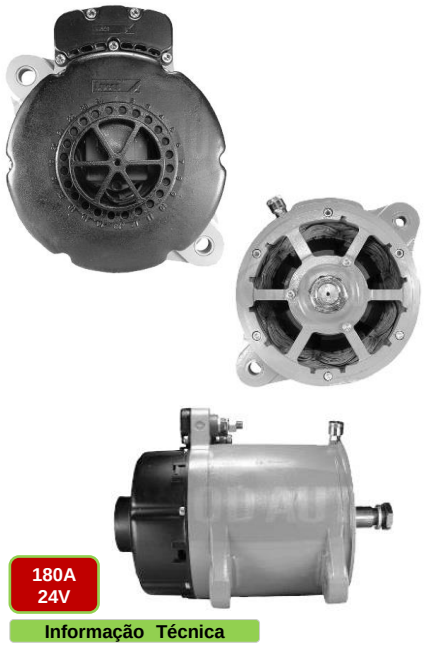
REFERÊNCIAS:

7G7889, 3016628, 3604473RX, 10459020, 1117611, 1117612, 1117613, 1117618, 1117628, 1117641, 586059M92

APLICAÇÕES:

CUMMINS
MASSEY FERGUSON

Ref. 06.ALT22005 ■ 06.110416



180A
24V

Informação Técnica

REFERÊNCIAS:

880704BZ, 880704Z, 1286500, AC203RA180, 656479, DP999213, 4146776, LRA02510, LRA2510, 8112933, 9520862, VT1286500

APLICAÇÕES:

VOLVO

✓	8700	1999→
✓	9700	2001→
✓	B 12	1992→

Ref. 06.ALT21020

95A
12V

Informação Técnica

REFERÊNCIAS:

F00MBL0444, 32008560, 32008560S, 32008680, 32008719, 11201908, 11203811, 11204138, AAK5175, AAK5757, AAK5813, LRA03433, LRA3433, 72735037, MG38

APLICAÇÕES:

JCB

Ref. 06.ALT20645

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75A
12V

Informação Técnica

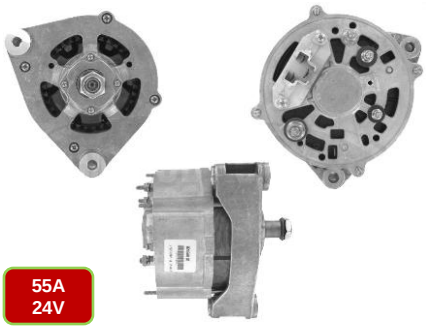
REFERÊNCIAS:
0986080300, 8030, LRA01203, LRA1203, 91160312004, 911603120DX, 2101368, 432776, 436592, A14N11, NA287

APLICAÇÕES:

PORSCHE

✓	911 3.0 SC	1980→1983
✓	911 3.0 SC Carrera	1974→1983
✓	911 3.3 SC Turbo	1977→1989
✓	911 3.3 Turbo	1986→1993

Ref. 06.ALT14043



55A
24V

Informação Técnica

REFERÊNCIAS:
0120450007, 0120450010, 0120450015, 0986033620, 3362, 42498214, 1173879, 1176182, 1176510, 51261019059, 81261016059, 0051548102, 0071549002

APLICAÇÕES:

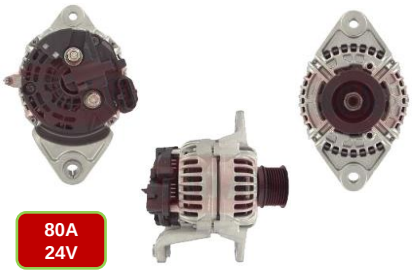
MAN

- ✓ TGA 18.310, TGA 18.310 FLLRS, TGA 18.360 FC, TGA 18.360 FK, TGA 18.360 FLLRS, TGA 18.410, TGA 18.410 FLLRS, TGA 18.460 FC, TGA 18.460 FK, TGA 18.460 FLLRS, TGA 18.510 FC, TGA 18.510 FLLRS, TGA 26.310 FD-TM, TGA 26.310 FDC, TGA 26.310 FDS, TGA 26.310 FNLC, TGA 26.310 FPLS, TGA 26.360 FDS, TGA 26.360 FNLC, TGA 26.410 FDK, TGA 26.410 FNLC, TGA 26.410 FPLS, TGA 26.460 FD-TM, TGA 26.460 FDK, TGA 26.460 FDLRS, TGA 26.460 FNLC, TGA 26.460 FPLS, TGA 26.510 FNLC, TGA 26.510 FNLS, TGA 41.360 FFDC, TGA 41.360 FFDC-TM, TGA 41.410 FFDC, TGA 41.410 FFDC-TM, TGA 41.410 FFDK, TGA 41.460 FFDC-TM
- ✓ TGA 18.460 FAK, TGA 26.310 FVL-KO, TGA 26.360 FVL-KO, TGA 26.410 FVL-KO, TGA 26.460 FVL-KO 2000→
- ✓ TGA 26.410 FVLC 2003→
- ✓ TGA 26.460 FVLC 2001→
- ✓ TGA 37.360 FFD-TM, TGA 37.360 FFDC, TGA 37.360 FFDK, TGA 37.410 FFD-TM, TGA 37.410 FFDC, TGA 37.410 FFDK, TGA 37.460 FFD-TM, TGA 37.460 FFDC, TGA 37.460 FFDK 2004→

MERCEDES-BENZ

- ✓ UNIMOG U1300

Ref. 06.ALT10383



80A
24V

Informação Técnica

REFERÊNCIAS:
0124555009, 0124555017, 0124555020, 0986046290, 0986047440, 4629, 1524012R, 04284805, 4284805, 01182405, 01182771, 1182405, 1182771, LRA02801, LRA2801, 5010589525, 7420409228, 20409228, 20849349, 5010589525, 11170134, 11170321, 20409228, 20849349, 20849350, 21429781, 21429783, 3803639, 85000626, 85003355, 85003357, 85020823

APLICAÇÕES:

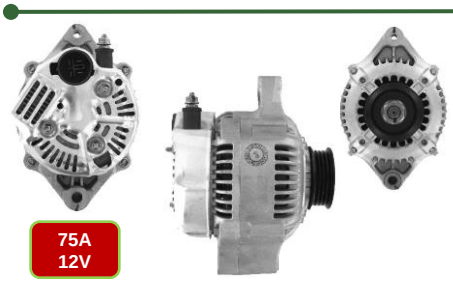
RENAULT TRUCKS

- ✓ MAGNUM DXi 12 440.1, MAGNUM DXi 12 440.18T, MAGNUM DXi 12 440.24, MAGNUM DXi 12 440.26, MAGNUM DXi 12 440.26T, MAGNUM DXi 12 480.18, MAGNUM DXi 12 480.18, MAGNUM DXi 12 480.24, MAGNUM DXi 12 480.2, MAGNUM DXi 12 480.26T 2004→2006

VOLVO

- ✓ 8700 1999→
- ✓ 9700, 9900, FH 12/500 2001→
- ✓ B 12 1992→
- ✓ FH 400, FH 440, FH 480, FH 500, FH 520, FH 550, FH 610, FH 16/550, FM 300, FM 340, FM 360, FM 360, FM 380, FM 380, FM 400, FM 420, FM 440, FM 460, FM 480, FM 500 2005→
- ✓ FH 420, FH 460, FH 500, FH 540, FH 16/540, FH 16/540, FH 16/580, FH 16/600, FH 16/660, FH 16/700 2009→
- ✓ FH 500, FH 16/610, FH 16/660 2007→
- ✓ FH 12/340, FH 12/380, FH 12/420 1993→
- ✓ FH 12/380, FH 12/420 1995→
- ✓ FH 12/460 1998→
- ✓ FH 16/540 -
- ✓ FH 16/540, FH 16/600, FH 16/700, FH 16/750, FM 380, FM 420, FM 460, FM 500 2012→
- ✓ FH 16/550, FH 16/610 2003→
- ✓ FH 16/580, FH 16/600, FH 16/660 2006→
- ✓ FM 12/340, FM 12/420, FM 12/460, FM 12H/340, FM 12H/420 1998→2005
- ✓ FM 390 2008→
- ✓ FM 9/260, FM 9/300, FM 9/300, FM 9/340, FM 9/380 2001→2005
- ✓ FMX 380, FMX 420, FMX 460, FMX 500 2010→

Ref. 06.ALT10342



75A
12V

Informação Técnica

REFERÊNCIAS:
0123315007, 0123315020, 0986040910, 4091, 31100P1KE03, 31100P1KE04, 31100P1KE05, 31100P1KE06, 31100PIKE03, 31100PIKE04, 31100PIKE05, 31100PIKE06, LRB00415, LRB415, 437515

APLICAÇÕES:

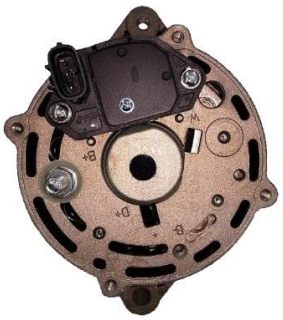
HONDA

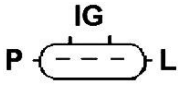
✓	CIVIC 1.4 16V (MB8)	1998→2001
✓	CIVIC 1.4 LPG	1997→2001
✓	CIVIC 1.4i (EJ9)	1995→2001
✓	CIVIC 1.4i (MA8)	-
✓	CIVIC 1.4 iS (EJ9)	1995→2001
✓	CIVIC 1.5	1988→1996
✓	CIVIC 1.5 16V (MB3)	1997→2001
✓	CIVIC 1.5 16V (MB9)	1998→2001
✓	CIVIC 1.5i (EK3)	1995→2001
✓	CIVIC 1.5i VTec-E (MA9)	1994→1997
✓	CIVIC 1.6	1995→
✓	CIVIC 1.6 16V (MB4)	1997→2001
✓	CIVIC 1.6 16V (MC1)	1998→2001
✓	CIVIC 1.6 VTi	1997→2001
✓	CIVIC 1.6 VTi (EK4)	1995→2001
✓	CIVIC 1.6i	1996→2005
✓	CIVIC 1.6i (EK1)	1995→2001
✓	CIVIC 1.6i (MB1)	1994→1997
✓	CIVIC 1.6i Vtec	1994→2000
✓	CIVIC 1.6i Vtec (MB1)	1994→1997

ROVER

✓	400 1.6i	1994→1998
✓	416 GSI, GSE	1990→1995
✓	416 GTI, GTE	1990→1995
✓	416 Si	1995→2000

Ref. 06.ALT10269





120A
12V

Informação Técnica

REFERÊNCIAS:
AIS1452, 874 227 77

APLICAÇÕES:

NEW HOLLAND

Ref. 06.AIS1452OE

50A
12V

Informação Técnica

REFERÊNCIAS:
AIS1312, IA1312

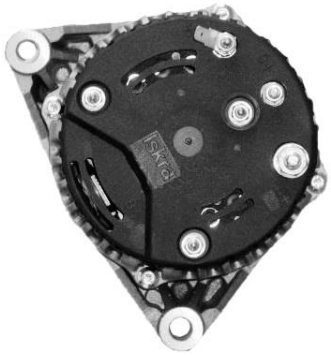
APLICAÇÕES:

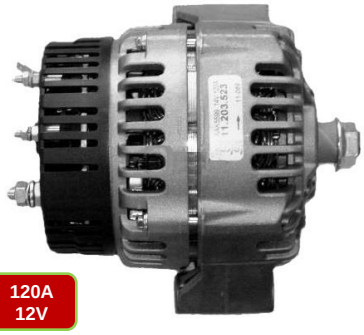
DEUTZ

JCB

Ref. 06.AIS1312OE

* As marcas e números originais servem apenas como referência, excepto onde mencionadas como tal.





120A
12V

Informação Técnica

REFERÊNCIAS:
AIS1241, IA1241

APLICAÇÕES:
MASSEY FERGUSON

Ref.	06.AIS1241OE ■ 06.114671

100A
24V

Informação Técnica

REFERÊNCIAS:
AIS1133, IA1133

APLICAÇÕES:
DEUTZ
KHD
PERKINS

Ref.	06.566502080OE ■ 06.566502100+

55A
24V

Informação Técnica

REFERÊNCIAS:
AIS1076, IA1076, 01182167, 01182403, 01183195, 01183626, 11203155, 11203396, 113738, 1182167, 1182403, 1182959, 516502055, 90236546, AAK5376, AAK5565, ALT7905SA, DRA0747, IA1076, MG337

APLICAÇÕES:
DEUTZ (KHD)

Ref.	06.AIS1076OE ■ 06.516502055OE

90A
12V

Informação Técnica

REFERÊNCIAS:
AIS1052, IA1052

APLICAÇÕES:
FENDT
JOHN DEERE

Ref.	06.AIS1052OE ■ 06.113768

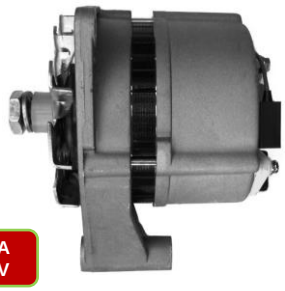
34A
12V

Informação Técnica

REFERÊNCIAS:
AIS1008, IA0784

APLICAÇÕES:
DEUTZ
JOHN DEERE
SAME

Ref.	06.AIS1008



34A
12V

Informação Técnica

REFERÊNCIAS:
AIS1002, IA0507

APLICAÇÕES:
CASE
IHC
MWM

Ref.	06.AIS1002 ■ 06.545001033+

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120A
12V

Informação Técnica

REFERÊNCIAS:

11201925, 11203017, 11203099, 284595, 805501120, 815509120, 836666721, 905501120, AAK5316, AAK5364, IA0925, LEA0719, LRA02147, LRA2147, MG178

APLICAÇÕES:

VALTRA / VALMET [Sisu]

- ✓ 8150
- ✓ Mega 50 serie 620 DS/620 DW / T634DST

Ref. 06.AIS0925 ■ 06.805501120+

55A
12V

Informação Técnica

REFERÊNCIAS:

AIS0571, IA0571

APLICAÇÕES:

ALFA ROMEO
FIAT
GOLDINI
VM

Ref. 06.AIS0571OE

65A
12V

Informação Técnica

REFERÊNCIAS:

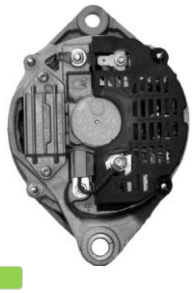
AIS0513, IA0513, 11201513, 11201524, 11201997, 112043, 2940146, 433472, 433474, 433478, 436709, 439194, 541745, 66021583, 745001065, 913334, 931334, A13N278, A13R173, A14N19, AAK3581, AAK3584, DRA1334, IA0997, LRA02118, MG530

APLICAÇÕES:

RENAULT (AGRÍCOLA)

- ✓ 103.12/14 (TD226.4), 110.14 (D226.6), 113.12/14 (D226.6), 113.12/14 (D227.6), 115.14/118.14 (TD226.6), 120.14/54 (D226.6), 133.14/54 (D226.6), 145.14 (TD228.6), 490/496/498 (2500TM), 551/551.4/556

Ref. 06.AIS0513OE ■ 06.745001065OE



65A
12V

Informação Técnica

REFERÊNCIAS:

AIS0463, IA0463, 0120488152, 0120488221, 0120488254, 0120489136, 0120489137, 0120489171, 0120489272, 0120489273, 0120489307, 0120489424, 0120489498, 0120489823, 0120489824, 0986036750, 11201325, 11201591, 13152N, 281775, 294393300, 294394200, 3495SP, 436239, 46231735, 46231740, 505006065, 5955557, 5958565, 5960289, 5992153, 5992155, 63320017, 63320018, 63320032, 63320044, 63320105, 63321024, 63321025, 63321062, 63321086, 63321152, 7554830, 7554832, 7554833, 7565391, 7565393, 7565395, 7697864, 77503410, 8EL012427341, 8EL725805001, 90236506, 9036750F, 936750, 943321025, AAK3563, AAK4151, CA506IR, DAN611, DAN615, DRA6750, HCA506IR, IA0325, IA0591, LRA02652, LRA753, MAN308, MG423, MSY633210620, MSY633211520, W26030, W26052, W26218, W27217

APLICAÇÕES:

DEUTZ
SAME
ALFA ROMEO

- ✓ 145 1.9/2.0 Turbo Diesel 04/1994→
- ✓ 146 1.9/2.0 Turbo Diesel 12/1994→

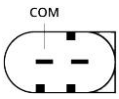
FIAT

- ✓ Coupé 2.0i 16V Turbo 04/1994→
- ✓ Croma 2.0, 2.0i.e. Turbo 12/1985→12/1996
- ✓ Tempra 1.8 i.e.., 2.0 i.e.. 02/1990→
- ✓ Tipo 1.9 Turbo Diesel 07/1987→03/1993
- ✓ Tipo 2.0 i.e.. 03/1990→10/1995

LANCIA

- ✓ Dedra 1.9 Turbo Diesel 01/1989→
- ✓ Dedra 1.8, 2.0 i.e.

Ref. 06.AIS0463OE ■ 06.505006065+



220A
12V

Informação Técnica

REFERÊNCIAS:

0121813006, 0121813106, 0131545502, 0131549902, 0986048430, 11310, 2205593, 286957, 555570220, 90156585, 930695, A0131545502, A0131549902, DRA0695, LRA03847

APLICAÇÕES:

MERCEDES-BENZ

- ✓ Classe S 350 02/2008→

Ref. 06.AI-90128 ■ 06.555570220OE

55A
12V

Informação Técnica

REFERÊNCIAS:

022770, 0R9700, 1012112770, 114043, 12470, 12470N, 1449954, 287739, 645504055, 90295395, 930336, DRA0336, TNA015

APLICAÇÕES:

CATERPILLAR

Ref. 06.AI-90100 ■ 06.645504055+

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120A
14V

Informação Técnica

REFERÊNCIAS:
0120465020, 0123505005, 0123510001, 0123510006, 0123510026

APLICAÇÕES:

AUDI

✓ A3 1.6	1996→2000
✓ A3 1.8, 1.8T	1996→

SEAT

✓ ALHAMBRA 2.0i	1996→2010

VOLKSWAGEN

✓ CADDY 1.6	1997→2000
✓ CADDY 75 1.6	1995→2000
✓ GOLF 1.4	1993→1999
✓ GOLF 1.8	1991→1999
✓ GOLF 2.0	1991→1999
✓ GOLF 1.9D	1991→1999
✓ GOLF GTI 16V 2.0	1992→1997
✓ GOLF 1.8T	1997→2005
✓ GOLF 1.9 TD	1993→1999
✓ GOLF 1.9 GTD	1991→1997
✓ JETTA III 1.4, 1.8, 2.0, 1.9D	1991→1998
✓ JETTA III TDI 1.9	1996→1998
✓ PASSAT 1.8	1988→1997
✓ PASSAT 2.0	1990→1997
✓ PASSAT 16V 2.0	1994→1997
✓ PASSAT 1.9D	1989→1993
✓ PASSAT 1.9 TD	1991→1997
✓ SHARAN 2.0	1995→
✓ TRANSPORTER 2.0, 2.5	1990→2003
✓ TRANSPORTER 1.9 TD	1992→2003

Ref. 06.AI-90093

120A
14V

Informação Técnica

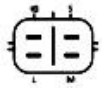
REFERÊNCIAS:
102211-8260, 102211-8650, 13117341, 13117341AA, 63321939, 63377490, 73503235, MAN7490

APLICAÇÕES:

OPEL

✓ ASTRA CDTI 1.9	2005→
✓ SIGNUM CDTI 1.9, VECTRA CDTI 1.9, ZAFIRA CDTI 1.9	2005→

Ref. 06.AI-90074



120A
12V

Informação Técnica

REFERÊNCIAS:
102211-0670, 27060-27030, 102211-4120, 12060814, 9090502, CAL40127AS, CGB-13067, CGB-84528, DAN939, DRA0073

APLICAÇÕES:

TOYOTA

✓ AVENSIS D, AVENSIS D-4D, COROLLA, COROLLA D-4D	

Ref. 06.AI-90063 ■ 06.195549120+

100A
12V

Informação Técnica

REFERÊNCIAS:
104210-4760, 27060-28330

APLICAÇÕES:

TOYOTA

✓ RAV 4 VVT-i	

Ref. 06.AI-90035

145A
12V

Informação Técnica

REFERÊNCIAS:
0101545902, 0101549602, 0111540902, 0111547802, 0121542402, 0121545402, 012154540280, 0123510082, 0123510107, 0123510108, 0124515061, 0124515064, 0124515091, 0124515114, 0124515118, 0131541502, 0131543402, 0986041590, 0986043660, 0986043900, 11209440517, 12383, 12383N, 2205137A, 2205137B, 283720, 437534, 437540, 439540, 555519115, 5793SP, 625661, 8EL737707001, 90156422, 9043900F, 943660, 943900, A010154590280, A0101549602, A0111540902, A0111547802, A0121542402, A0121545402, A012154540280, A0131541502, ALT2300U, CA1481IR, CAL15323, DRB1590, DRB3660, DRB3900, F042A01150, HCA1481IR, IA9425, KTR1111038230, LRA01861, MG448, SG12B087

APLICAÇÕES:

MERCEDES-BENZ

✓ C200 CDi OM611.96	03/1998→
✓ C220 CDi OM611.960	12/1997→
✓ V200, 220, 220 CDi OM6	06/1999→
✓ Vito 108, 110, 112 Cdi	06/1999→
✓ Sprinter 216, 311, 316, 416	04/2000→

MAN

✓ Sprinter 216, 311, 316, 416	04/2000→

Ref. 06.AI-90034 ■ 06.555519115+

70A
12V

Informação Técnica

REFERÊNCIAS:
0986040201, 2541725A, 2541725B, 436489, 4390, 940201, 9620332580, A11VI45, AI-90025, CA1038, DRB0201, LRB186

APLICAÇÕES:

CITROEN

✓ AX 15 1.5D	1994→1997
✓ SAXO 1.5D	1996→2004
✓ XSARA 1.5D	1997→2000

NISSAN

✓ MARCH D 1.5	1998→2003

PEUGEOT

✓ 106 D 1.4	1992→1996
✓ 106 D 1.5	1994→

ROVER

✓ 100 (METRO) 115 D 1.5	1994→1998

Ref. 06.AI-90025

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90A
12V

Informação Técnica

REFERÊNCIAS:
12312244884, 12312543561, 2541321, 4246, 436380, 933347, A13VI18, AI90024, CA845, DRA3347

APLICAÇÕES:

BMW

✓	325td 2.5	1991→1998
✓	325tds 2.5	1993→1999
✓	525tds 2.5	1991→1997

OPEL

✓	OMEGA TD 2.5	1994→2003

Ref. 06.AI-90024 ■ 06.215506095+

100A
12V

Informação Técnica

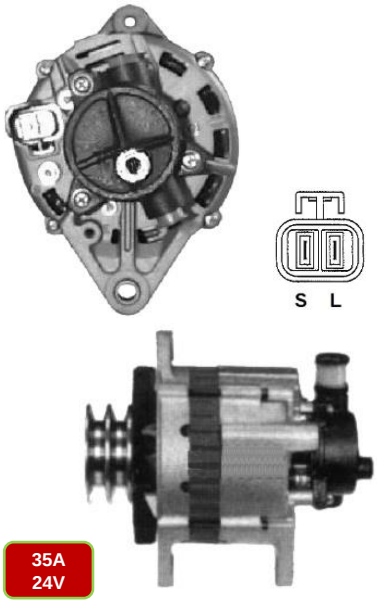
REFERÊNCIAS:
2141141002, 54022459, 63321321, 63321358, 63340004, 63341321, 8EL737211-001, AI90018, AMR5425, CA1191, CA1337, DRA3587, DRA3679, MAN674, MAN831, STC2228E, YLE10113

APLICAÇÕES:

LAND ROVER

✓	RANGE ROVER 2.5D	1994→2002
✓	RANGE ROVER 2.5TD	1989→2002
✓	Discovery 2.5D, 2.5D TD	1989-10→1998-10

Ref. 06.AI-90018 ■ 06.595523100+



35A
24V

Informação Técnica

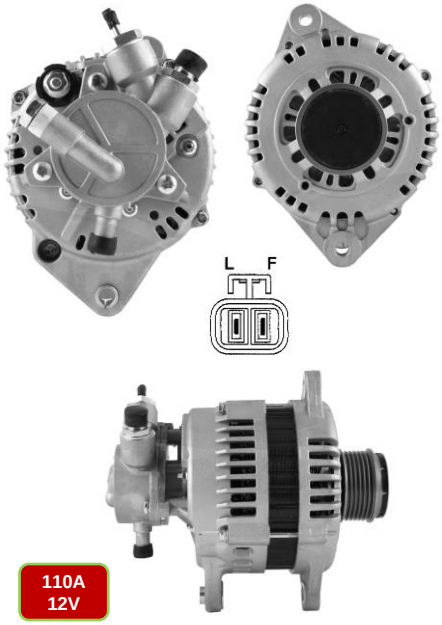
REFERÊNCIAS:
23100-C8604, JA672IR, LR235-402, LR235-404, LR235-404C, LR235-404S, LR235-404T, LR235-405, LR235-405S, LR235-405T

APLICAÇÕES:

NISSAN

✓	Patrol 3.2D	1983-07→1990-06
✓	Patrol 3.3D	1979-11→1988-08
✓	Patrol 2.8	1986-05→1990-06

Ref. 06.AHI2001 ■ 06.111614



110A
12V

Informação Técnica

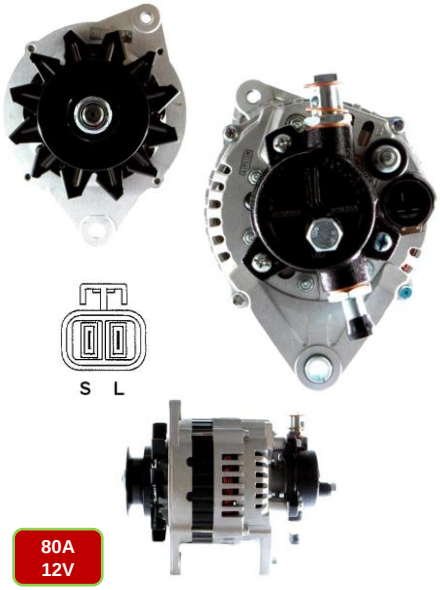
REFERÊNCIAS:
AHI1062, LR1110-503

APLICAÇÕES:

OPEL

- ✓ ASTRA H 1.7 CDTI
- ✓ COMBO 1.7 CDTI 16V
- ✓ CORSA C 1.7 CDTI
- ✓ MERIVA 1.7 CDTI

Ref. 06.AHI1062 ■ 06.114121C



80A
12V

Informação Técnica

REFERÊNCIAS:
LR160-503, 135606080, 286551, 897327218, 8973272181, 931024, ALT3038SA, ALT3111SA, DRA1024, KTR271212160, LR180512, LR180512T, LR180513, LR180513B, LRA03441

APLICAÇÕES:

ISUZU

- ✓ KB300LX
- ✓ RODEO 3.0 TD
- ✓ Industrial

Ref. 06.AHI1038 ■ 06.135606080+

100A
12V

Informação Técnica

REFERÊNCIAS:
02-8070, 0986048320, 12060834, 135603100, 210322B, 6204199, 6204254, 6204288, 8973695070, 897369-5070, 897369-5071, 897369-5072, 897369-5073, 897369-5080, 8980564410, 898056-4410, 8EL011711761, 93189498, 95520890, 97369507, 98056441, ALU918I, C9181, CAL20136, CAL20136AS, CGB-84923, F8611508, JA1899IR, LR1100-507, LR1100-508, LR1100-508B, LR1100-508C, LR1100-508F, LRA02806, MAR5178

APLICAÇÕES:

OPEL / VAUXHALL

✓	ASTRA CDTI 1.7	2003→
✓	ASTRA CDTI 1.9	2004→
✓	ASTRA CDTI 16V 1.9	2004→
✓	ASTRA DTI 16V 1.7	2000→2004
✓	ASTRA H CDTi 1.7	2007→
✓	COMBO CDTI 16V 1.7	2004→
✓	COMBO DI 16V 1.7	2001→
✓	COMBO DTI 16V 1.7	2001→
✓	CORSA CDTi 1.7	2003→
✓	CORSA DI 1.7	2000→
✓	CORSA DI 16V 1.7	2000→
✓	CORSA DTI 1.7	2000→
✓	CORSA DTI 16V 1.7	2000→
✓	MERIVA CDTI 1.7	2003→2010
✓	MERIVA DTI 1.7	2003→2010
✓	SIGNUM CDTI 1.9	2004→
✓	SIGNUM CDTI 1.9	2005→
✓	VECTRA CDTI 1.9	2004→
✓	ZAFIRA CDTI 1.9	2005→

Ref. 06.AHI1029R

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50A
12V

Informação Técnica

REFERÊNCIAS:
AHI-1011, LR150-438

APLICAÇÕES:

ISUZU
- ✓ MIDI 2.0, 2.2D

Ref. 06.AHI1011 ■ 06.111291

100A
12V

Informação Técnica

REFERÊNCIAS:
ADR-1035, 3493914

APLICAÇÕES:

OPEL
- ✓ Astra G 2.0 DTI
- ✓ Frontera B 2.2 Diesel Turbo DT
- ✓ Omega B 2.0 Diesel Turbo 16V
- ✓ Vectra B 2.0 Diesel Turbo 16V
- ✓ Zafira 2.0 Diesel Turbo 16V

Ref. 06.ADR1035 ■ 06.135507120+

85A
12V

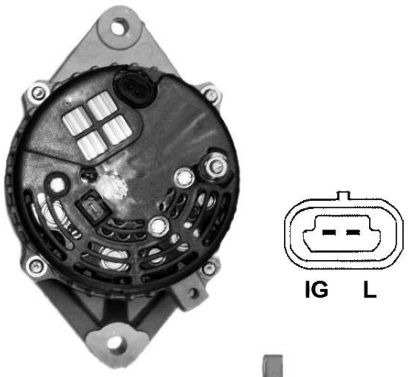
Informação Técnica

REFERÊNCIAS:
ADR1032, 96540541

APLICAÇÕES:

DAEWOO
- ✓ KALOS
- ✓ LACETTI

Ref. 06.ADR1032



70A
12V

Informação Técnica

REFERÊNCIAS:
ADR-1024, 19020614, 1469597, 19020615, 19020616, 2406315, 8469N, 975507070

APLICAÇÕES:

HYSTER
YALE
MERCURY
- ✓ Marine

Ref. 06.ADR1024 ■ 06.975507070+

100A
12V

Informação Técnica

REFERÊNCIAS:
ADR-1010, 3493273

APLICAÇÕES:

OPEL
- ✓ ASTRA 1.7 DTL

Ref. 06.ADR1010

75A
14V

Informação Técnica

REFERÊNCIAS:
10480058, 1100118, 1100123, 1100127, 1100151, 1100159, 1100165, 1100170, 1100171, 1100198, 1100201, 1100203, 1100204, 1100280, 1100281, 1100292, 1100294, 1100297, 1100300, 1100374, 1100419, 1100422, 1100438, 1100441, 1100444, 1100485, 1100490, 1100491, 1100492, 1100493, 1100495, 1100496, 1100498, 1100551, 1100561, 1100562, 1100565, 1100582, 1100583, 1100584, 1100585, 1100587, 1100598, 1100826, 1100831, 1100833, 1100880, 1100926,1100927, 1100929, 1100930, 1100934, 1101155, 1101159, 1101192, 1101203, 1101222, 1101243, 1101282, 1102188, 1102210, 1102228, 1102287, 1102311, 1102329, 1102337, 1102344, 1102349, 1102355, 1102356, 1102358, 1102359, 1102361, 1102362, 1102363, 1102364, 1102375, 1102382, 1102384, 1102394, 1102397, 1102462, 1102471, 1102473, 1102477, 1102481, 1102483, 1102485, 1102489, 1102491, 1102492, 1102499, 1102578, 1102593, 1102847, 1102850, 1102861, 1102866, 1102867, 1102876, 1102877, 1102879, 1102881, 1102887, 1102896, 1102898, 1102900, 1102920, 1102921, 1102922, 1102925, 1102926, 1102927, 1102928, 1102929, 1102930, 1102932, 1102936, 1102937, 1102940, 1103033, 1103035, 1103039, 1103040, 1103046, 1103050, 1103053, 1103054, 1103055, 1103069, 1103071, 1103071, 1103078, 1103079, 1103097, 1103098, 1103099, 1103101, 1103104, 1103109, 1103116, 1103118, 1103124, 1103125, 1103126, 1103127, 1103128, 1103130, 1103131, 1103133, 1103135, 1103138, 1103139, 1103141, 1103144, 1103148, 1103149, 1103150, 1103151, 1103152, 1103154, 1103158, 1103159, 1103160, 1103162, 1103165, 1103166, 1103171, 1103172, 1103173, 1103174, 1103175, 1103183, 1103184, 1103187, 1103188, 1103196, 1105043, 1105050, 1105066, 1105068, 1105069, 1105070, 1105072, 1105074, 1105079, 1105080, 1105098, 1105160, 1105161, 1105162, 1105163, 1105164, 1105165, 1105166, 1105167, 105168, 1105169, 1105170, 1105171, 1105172, 1105173, 1105174, 1105175, 1105176, 1105177, 1105178, 1105181, 105188, 1105193, 1105244, 1105351, 1105357, 1105361, 1105362, 1105363, 1105419, 1105420, 1105421, 1105422, 1105423, 1105424, 1105427, 1105429, 1105434, 1105514, 1105517, 1105520, 1105522, 1105556, 1105558, 1105559, 1105573, 1105574, 1105584, 1105619, 1105634, 1105645, 1105686, 3604475RX, UA943IR

APLICAÇÕES:

BUICK

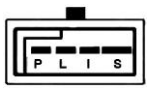
✓ Century 5.7D	1978-04→1979-12
✓ Skylark 2.8	1979-04→1982-12

JEEP

CJ5-CJ8 2.5 Convertible	1979-09→1987-12
CJ5-CJ8 2.5 Convertible	1979-09→1983-12

Ref. 06.110505 ■ 06.835032094

* As marcas e números originais servem apenas como referência, excepto onde mencionadas como tal.



75A 12V

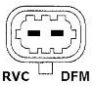
Informação Técnica

REFERÊNCIAS:
ADR-1000, 10480073, 10480000, 10480073, 10490000, 10490073, 111870, 219187, 219187, 96224431, 96252547, 96252551

APLICAÇÕES:

DAEWOO
- ✓ ESPERO, NEXIA 1.5, NUBIRA 1.6

Ref. 06.111846 ■ 06.235001075+



140A 12V

Informação Técnica

REFERÊNCIAS:
115911, 13502580, 13579676, 24850N, 286795, 835912140, 930973, CAL42112, DRA0973, LRA03655, TRA134

APLICAÇÕES:

CHEVROLET
- ✓ LACETTI

Ref. 06.ADE1005OE ■ 06.835912140R

100A 24V

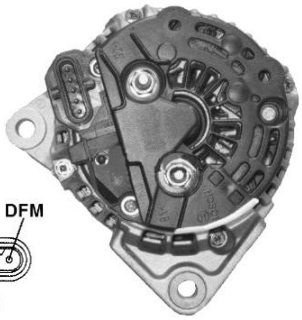
Informação Técnica

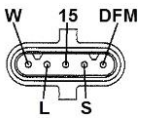
REFERÊNCIAS:
0124655003, 0986046570, 113284, 1377860, 2205310, 23535, 485534, 6150SP, 860809GB, 8EL012584481, 8EL738053001, 906501100, 9945500F, ALT1322sa, ALT1336sa, CA1693IR, DRB6570, DRB6570X, HCA1693IR, KTR1813002200, LRA02920

APLICAÇÕES:

DAF
- ✓ Freight 85

Ref. 06.906501080+ ■ 06.906501100R





80A 24V

Informação Técnica

REFERÊNCIAS:
ABO2047, 0124555006

APLICAÇÕES:

DAF

LEYLAND
- ✓ LF45 SERIES
- ✓ LF55 SERIES
- ✓ CF65 SERIES

Ref. 06.ABO2047

100A 28V

Informação Técnica

REFERÊNCIAS:
0111548602, 0111548702, 0121540402, 0121540502, 0121541002, 0121541102, 0121546702, 0121546802, 0124555001, 0124555002, 0124555004, 0124555007, 0124555011, 0124555016, 0124555023, 0124555032, 0124555065, 0124655001, 0124655002, 0124655004, 0124655016, 0124655023, 0124655034, 0124655097, 0131542802, 0131544102, 0131544202, 0131544302, 0131545002, 0131547802, 0131547902, 0141545302, 0141545402, 081042380, 11.209.606, 113278, 19070007, 19070008, 19070009, 19070014, 19070015, 19070016, 72445886, 860807, A0111548602, A0111548702, A0121540402, A0121540502, A0121541002, A0121541102, A0121546702, A0121546802, A0131542802, A0131544002, A0131544202, A0131544302, A0131545002, A0131547802, A0131547902, A0141545302, A0141545402, CA1739IR, AAN5395

APLICAÇÕES:

MERCEDES-BENZ

✓ 18t 1831 9.6D	1987-07→1996-09
✓ 18t 1831 11.0D	1992-07→1996-09
✓ G 320 3.0D	2009-04→
✓ Vario 613 4.3D	2006-01→
✓ Vario 615 4.3D, 616 4.3D	1998-09→
✓ Vario 813 4.3D, 814 4.3D, 815 4.3D, 816 4.3D,	1996-09→

Ref. 06.113351 ■ 06.556502080OR+

55A 24V

Informação Técnica

REFERÊNCIAS:
0120469523, 0986033840, 0986033841, 11201710, 11201937, 12293, 1607362, 180620, 2105473B, 2180620, 2181991, 2181991C, 220322A, 2940060, 3589SP, 436438, 480848, 5003090, 510348, 592601, 816001055, 8EL725799001, 9933840F, 9AL3921G, A14N100, A14N112, A14N112M, A14N137, A14N137M, A14N47M, AAK1369, AAK3332, CA500IR, DRA3840, HCA500IR, IA0710, IA0937, KTR1632002110, LRA02775, LRA403, LRA474, LRB107, MG17, NA363

APLICAÇÕES:

VOLVO

✓ 4400 (TD60B 5.5)	01-79→06-86
✓ 4600 (TD100A 10.0)	07-80→06-84
✓ Lm1641 (TD100A 9.6)	11-72→06-80
✓ Lm621,641 (D42A 4.0)	12-73→06-78
✓ Lm841,846 (D60A 5.5)	01-76→06-79
✓ SM868,880,980 (D50B/TD50B 5.0)	11-71→10-74
✓ VHK861,4600 (TD60B/TD100A 5.5)	09-79→07-86
✓ B10, C10	10-79→01-86
✓ B57, BB57	09-78→01-86
✓ B6 (TD60A,B)	11-78→01-86
✓ B7, F7, F10, F12	10-83→01-86
✓ F609T,M617	11-80→01-86
✓ FL4, FL6, FL7, FL10	09-85→01-86
✓ G88, G89	08-71→06-77
✓ N10	01-82→01-86
✓ N12	05-77→01-86
✓ N7	11-78→01-86
✓ DR5350, LM1240	

Ref. 06.816001055+ ■ 006.ABO2038

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55A
24V

Informação Técnica

REFERÊNCIAS:
BOSCH 0120469038

APLICAÇÕES:

DAF

- ✓ 95, F2100, F2300

Ref. 06.ABO2027

100A
12V

Informação Técnica

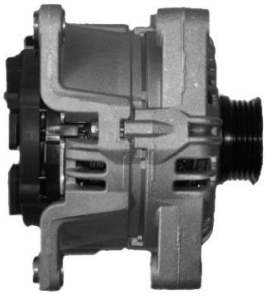
REFERÊNCIAS:
0986081410, 115526, 1202236, 1204643, 13502583, 135593100, 13579668, 20079N, 285969, 931373, CAL42110, DRA1373, LRA03357

APLICAÇÕES:

OPEL

- ✓ ASTRA H 1.9 CDTI
- ✓ ASTRA H GTC 1.9 CDTi
- ✓ ASTRA H 1.9 CDTI
- ✓ ASTRA H TwinTop 1.9 CDTi
- ✓ ASTRA H Van 1.9 CDTI
- ✓ ASTRA J 2.0 CDTI 01-09→
- ✓ INSIGNIA 2.0 CDTI 01-08→
- ✓ ZAFIRA 2.0 CDTI 01-11→

Ref. 06.135593100+ ■ 06.ABO1191



120A
12V

Informação Técnica

REFERÊNCIAS:
BOSCH 0124425010

APLICAÇÕES:

OPEL

- ✓ ASTRA G 1.4 2003→
- ✓ ASTRA H 1.4 2005→
- ✓ MERIVA 1.4 16V 2004→

Ref. 06.210162A ■ 06.135545100R

150A
12V

Informação Técnica

REFERÊNCIAS:
BOSCH 0123515500

APLICAÇÕES:

JOHN DEERE

Ref. 06.ABO1169

110A
12V

Informação Técnica

REFERÊNCIAS:
0124325053, 0986046060, 12578, 2205333, 284842, 504009977, 504010576, 505524110, 6157SP, 71723392, 8EL738064001, 9046060F, 946060, CA1700IR, DRB0660, HCA1700IR, LRA02342

APLICAÇÕES:

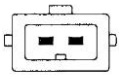
FIAT

- ✓ Ducato 2.3 JTD 04-02→

IVECO

- ✓ Truck Daily II 29L, 35C 09-02→

Ref. 06.505524110ROE ■ 06.ABO1163OE



120A
12V

Informação Técnica

REFERÊNCIAS:
BOSCH 0123515021

APLICAÇÕES:

VW

- ✓ GOLF IV 1.9SDI →05
- ✓ GOLF IV 1.9TDI →01

Ref. 06.ABO1162

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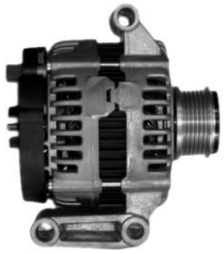


150A 12V

Informação Técnica

REFERÊNCIAS:

BOSCH 0121615002, 01210AA67B, 01210AA6MB, 0121615002, 0125711017, 0125711059, 0986047910, 1404791, 1572736, 1581843, 1747021, 1762862, 2205580, 225538150, 23925, 23925N, 241461, 285591, 440612, 5702L5, 5705EA, 6379SP, 6C1T10300BA, 6C1T10300BB, 6C1T10300BC, 6C1T10300BD, 849143, 8EL738212131, 9047910F, 947910, 9658144680, 9659918080, 967614358, 9676143580, AC1T10300BA, AC1T10300BB, ALT1334sa, CA1928IR, CAL10307, DRB7910, FGN15S215, HCA1928IR, LRA02977

APLICAÇÕES:

CITROEN

- ✓ Jumper 2.2 HDI 04-06→

FORD

- ✓ Transit 2.2 TDCI 07-06→
- ✓ Transit Tourneo 2.2 TDCI 07-06→

PEUGEOT

- ✓ Boxer 2.2 HDI 04-06→

Ref. 06.225538150+ ■ 06.113958

90A 12V

Informação Técnica

REFERÊNCIAS:

BOSCH 0123320047

APLICAÇÕES:

MERCEDES BENZ

- ✓ SPRINTER, VITO

SANG YONG

- ✓ KORANDO

Ref. 06.ABO1151

120A 12V

Informação Técnica

REFERÊNCIAS:

BOSCH 0123515008

APLICAÇÕES:

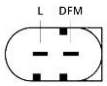
AUDI

- ✓ A4, A6 1.9TDI

VW

- ✓ PASSAT 1.9TDI

Ref. 06.ABO1148



120A 12V

Informação Técnica

REFERÊNCIAS:

0124515028, 0124515040, 06B903018DX, 06B90301D, 06C903016, 06C903016A, 078903016F, 078903016H, 0986044330, 0986044337, 11203459, 205512120, 2542233, 437178, 437358, 442035, 542546, 5908SP, 8EL737873001, 90156339, 90225508, 9044330F, ALT0004sa, ALT0057sa, ALT1232sa, ALT2311, CA1588IR, DRA4068, F032UA0066, F032UA0066K2F, HCA1588IR, IA1307, KTR411024240, MG34, SG12B011, SG12B054

APLICAÇÕES:

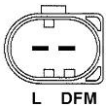
AUDI

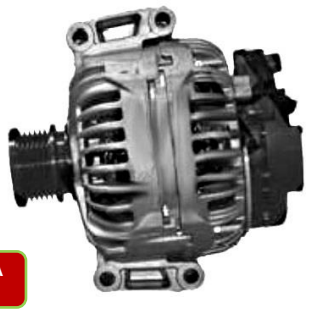
- ✓ A4 1.9, Di, TDi 1.9 Di, TDi 03-00→09-01
- ✓ A4 2.4 08-97→09-01
- ✓ A4 2.4i V 30V 02-99→
- ✓ A4 2.8 10-96→09-01
- ✓ A4 2.8i V6 30V 01-99→
- ✓ A4 RS4 05-00→09-01
- ✓ A6 2.4 07-97→
- ✓ A6 2.4i V6 30V 07-98→
- ✓ A6 2.7 BI Turbo 02-99→
- ✓ A6 2.8 07-99→
- ✓ A8 2.8E V6 30V 10-98→
- ✓ S4 09-97→11-00

VW

- ✓ Passat 1.6, 1.8, 1.9D, 1.9D Turbo, 2.0, 2.3, 2.5

Ref. 06.205512140ROE ■ 06.205511090OE





200A 12V

Informação Técnica

REFERÊNCIAS:

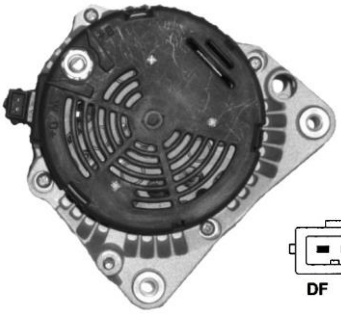
0121547902, 0124625006, 0131541002, 0986046320, 2205519, 23247, 241463, 284725, 555549200, 6291SP, 8EL738211201, 9046320F, 946320, A0131541002, ALT1111sa, ALTH230, CA1846IR, DRB6320, F042A0H230, HCA1846IR, KTR1111098400, LRA02247

APLICAÇÕES:

MERCEDES

- ✓ Viano 2.2 CDi, Vito 2.2 Cdi 09-03→

Ref. 06.ABO1125 ■ 06.555549200OR+



90A 12V

Informação Técnica

REFERÊNCIAS:

BOSCH 0123320038

APLICAÇÕES:

SEAT

- ✓ CORDOBA 1.9TDI
- ✓ IBIZA 1.9TDI

VW

- ✓ GOLF 1.9TDI
- ✓ POLO 1.9SDI

Ref. 06.ABO1104 ■ 06.1-9118-03

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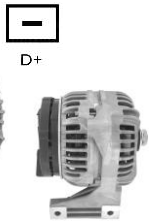


140A 12V

Informação Técnica

REFERÊNCIAS:
BOSCH 0124525001, 0986044900, 4490, LUCAS LRA02227, LRA2227, VALEO 437670, VOLVO 8602275, 8602712, 8637847, 9489312

APLICAÇÕES:

FIAT

✓	BARCHETTA 1.8 16	1995→2005
✓	BRAVA 1.4 (182.BG), 1.4 (182.AA), 1.4 (182.AG)	1995→2001
✓	BRAVA 1.4 12V (182.BA)	1995→1998
✓	MAREA 1.4 80 12V	1996→2002
✓	PUNTO 1.9 D 60	2000→2009
✓	PUNTO 1.8 130 HGT, 1.9 DS 60, 1.9 JTD 80	
✓	STRADA 1.9 D	2000→
✓	STRADA 1.9 JTD	2003→

LANCIA

✓	Y 1.4 12V 1996→2003	

VOLVO

✓	S40 1.6, 1.8, 2.0, 2.0T	
✓	S40 1.8 i	1998→2003
✓	S40 1.9 T4	1997→2000
✓	S40 2.0 T4	2000→2003
✓	S60 2.3 T5	2000→2002
✓	S60 2.4	2000→2010
✓	S60 2.4 AWD	2004→2010
✓	S60 2.4 Bifuel (CNG)	2002→2010
✓	S60 2.4 D	2001→2010
✓	S60 2.4 D5	2001→2010
✓	S60 2.4 T	2000→2010
✓	S60 2.4 T AWD	2001→2010
✓	S60 2.4 T5	2004→2010
✓	S60 2.5 T	2004→2010
✓	S60 2.5 T AWD	2004→2010
✓	S60 R2	
✓	S60 T5	2000→
✓	S70 2.5 TDI	1997→2000
✓	S70 2.5 TDi AWD	1999→2000
✓	S80 2.0	1998→2006
✓	S80 2.0T	1998→
✓	S80 2.3R	2000→2005
✓	S80 2.4	1999→2006
✓	S80 2.4 Bifuel (CNG)	2001→2006
✓	S80 2.4 Bifuel (LPG)	2001→2006
✓	S80 2.4 D	2001→
✓	S80 2.4 D5	2001→2006
✓	S80 2.4 LTP	2004→2006
✓	S80 2.4 T	2000→2006
✓	S80 2.4 T5 AWD	2000→2003
✓	S80 2.5 T	2003→
✓	S80 2.5 T AWD	2003→
✓	S80 2.5 TDI	1999→2006
✓	S80 2.8 T6	1998→2006
✓	S80 2.9	1998→2006
✓	S80 3.0	2001→2006
✓	S80 3.0 T6	2001→2006
✓	V40 1.8	1995→2004
✓	V40 2.0	1995→2004
✓	V40 2.0 T	1997→2007
✓	V40 2.0 T4	2000→2004
✓	V70 2.0 T	2010→
✓	V70 2.0 Turbo	1997→2000
✓	V70 2.3	2000→2004
✓	V70 2.3 AWD	1997→2004
✓	V70 2.3 T5	2000→2004
✓	V70 2.4	1997→2007
✓	V70 2.4 AWD	1998→2003
✓	V70 2.4 Bifuel	1999→2000
✓	V70 2.4 Bifuel (CNG)	2001→2007
✓	V70 2.4 D	2001→
✓	V70 2.4 D5	2001→2007
✓	V70 2.4 D5 AWD	2003→2007
✓	V70 2.4 T	2000→2003
✓	V70 2.4 T AWD	2001→2002
✓	V70 2.4 T5	2004→2007
✓	V70 2.5 R Sport	2002→2007
✓	V70 2.5 T	2004→
✓	V70 2.5 T AWD	2002→2007
✓	V70 2.5 TDI	1997→2007
✓	V70 2.5 TDi AWD	1996→2000
✓	V70 R2	
✓	XC70 2.4 D5 AWD	2005→2007
✓	XC70 2.4 D5 XC AWD	2002→2007
✓	XC70 2.4 T XC AWD	1997→2002
✓	XC70 2.5 T XC AWD	2002→2007
✓	XC90 2.5 T	2002→
✓	XC90 D5	2002→
✓	XC90 T6	2002→

VW

✓	GOLF 1.6	

Ref. 06.113272 ■ 06.ABO1122

90A 12V

Informação Técnica

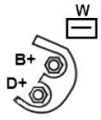
REFERÊNCIAS:
0124325022, 0124325035, 038903018, 074903025M, 0986046050, 20130245, 2205103D, 22820, 283644, 305515090, 440228, 5907SP, 8EL737872001, 9046050F, 934116, CA1587IR, DRA4116, HCA1587IR, IA1529, KTR611030180, LRA01820, MG469

APLICAÇÕES:

VW

✓	California 2.4 D, Caravelle 2.4 Diesel (Turbo), LT 28 TDi, LT 35 TDi, LT 46 TDi, Multivan 2.4 D [70], Transporter 2.4 D [70]	05-97→
✓	California 2.5 TDI	01-95→
✓	Caravelle 2.5 [70]	08/96→
✓	Caravelle 2.5 TDI	07/95→
✓	Transporter 2.4 D Syncro [70]	10/92→
✓	Transporter 2.5 TDI [70]	08/96→

Ref. 06.305515090+ ■ 06.ABO1100



85A 12V

Informação Técnica

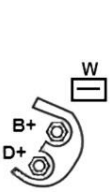
REFERÊNCIAS:
BOSCH 0 120 484 002

APLICAÇÕES:

JOHN DEERE

✓	Diversos Modelos	

Ref. 06.ABO1090



90A 12V

Informação Técnica

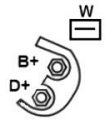
REFERÊNCIAS:
BOSCH 0123320029

APLICAÇÕES:

MERCEDES BENZ

✓	Vito	

Ref. 06.555511090+ ■ 06.ABO-1082



65A 12V

Informação Técnica

REFERÊNCIAS:
01177063, 01178607, 01182961, 01183455, 03040715, 1177063, 1178607, 1182961, 1183455, 3040715 KHD, 01182173 Deutz-fahr, 0120484001, 0986041840, 0120489756 Bosch, 05717201 Bomag, 11.201.991, 11.203.331, 11.203.656, 11.204.054, AAK1312, AAK1811, AAK3822, AAK4320 Iskra, 1177063, 1178607 Iveco, AL3846201 John Deere, CA1433IR HC-PARTS

APLICAÇÕES:

DEUTZ-FAHR

✓	DX 7.10 6.1 Diesel, DX 6.50 6.1 Diesel	1986-06→
✓	DX 6.31 6.0 Diesel	1990-01→
✓	Intrac 6.60 6.0 Diesel	1988-01→
✓	Intrac 6.30 6.0 Diesel	1989-01→
✓	M Series M2385 5.7 Diesel	1982-01→

IVECO

✓	MK 80-9 4.1 Diesel	1983-01→1986-02
✓	MK 130-13 6.1 Diesel	1983-01→1991-12
✓	MK 75-9 4.1 Diesel	1983-01→1985-08
✓	MK 80-9 4.1 Diesel	1983-01→1986-02
✓	MK 80-16 6.1 Diesel	1986-01→1989-12

Ref. 06.112046 ■ 06.ABO1044

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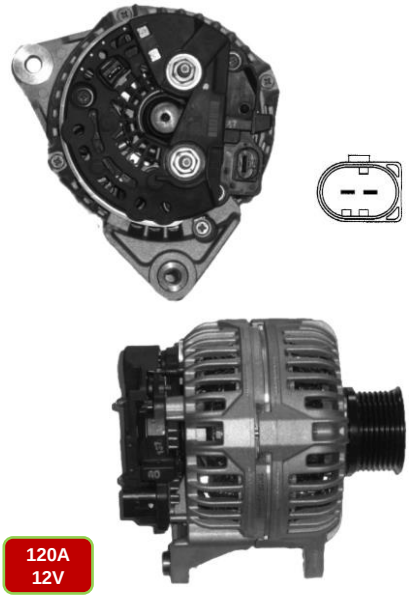


120A
12V

Informação Técnica

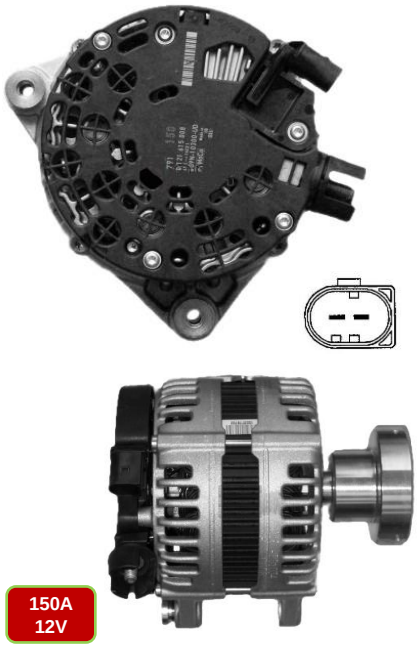
REFERÊNCIAS:
0124515113, 504071135, 504225815, 505549120, 9203210, 930042, DRA0042, LRA03287

APLICAÇÕES:

IVECO

✓	Daily II 29L	05-99→09-02
✓	Daily II 35C	05-99→12-01
✓	Daily II 50C	05-99→09-02

Ref. 06.505549120+ ■ 06.ABO1038



150A
12V

Informação Técnica

REFERÊNCIAS:
BOSCH 0121615008

APLICAÇÕES:

FORD

✓	C-MAX 1.8TDCI, GALAXY 1.8TDCI, MONDEO 1.8TDCI	2006→

Ref. 06.ABO1034

90A
12V

Informação Técnica

REFERÊNCIAS:
BOSCH 0091540202, 0123320044, 0123330001, 0123335002, 0123335003, 0123335006, 0124325226, 0986038160, 0986038170, 0986038173, 0986041450, 3816, 3817, 4145, LUCAS LRB00193, LRB00217, LRB193, LRB217, VALEO 439530, A13VI100, A13VI135, A13VI170, A13VI176, A13VI186, A13VI220, A13VI303

APLICAÇÕES:

DAEWOO

✓	KORANDO 2.3	1997→
✓	KORANDO 2.9D	1997→2000
✓	MUSSO 2.2TD	1999→
✓	MUSSO 2.9D 4x4	1999
✓	MUSSO 2.9D 4x4	2004→

MERCEDES-BENZ

✓	C-CLASS C180 (202.018), C220D (202.121), C250D (202.125), C280 (202.028), C200D (202.120), C220 (202.022), C200T Kompressor	1993→2000
✓	C-CLASS C180T (202.078), C200D (202.122), E-CLASS E200T (210.235), SLK 200 (170.435)	1996→2000
✓	C-CLASS C200 (202.020), C200 CGI (202.020), C36 AMG (202.028)	1994→2000
✓	C-CLASS C200 Kompressor (202.025), C230 Kompressor (202.024), C250 Turbo-D (202.128), E-CLASS E200 (210.035)	1995→2000
✓	C-CLASS C200T (202.080), C200T Kompressor (202.082), C220TD, C250T Turbo-D (202.188)	1996→2001
✓	C-CLASS C220TD (202.182), C230T (202.083), E36 AMG	1996→1998
✓	C-CLASS C230 (202.023)	1996→1997
✓	C-CLASS C230T Kompressor (202.085), CLK 200 Kompressor (208.345), CLK 230 Kompressor (208.347)	1997→2000
✓	CABRIOLET 300 CE-24 (124.061), CABRIOLET 300 CE-24 (124.061), COUPE 220CE (124.042), COUPE 300CE (124.052)	1992→1993
✓	CLK 200 (208.335)	1997→2002
✓	CLK 200 (208.435)	1998→2002
✓	CLK 200 Kompressor (208.445), CLK 230 Kompressor (208.447)	1998→2000
✓	COUPE 300CE	1987→1989
✓	COUPE 300CE (124.050)	1987→1993
✓	COUPE 300CE (124.051), COUPE 300CE-24 (124.051), COUPE 300CE-24 (124.051), COUPE 3000CE (124.052), COUPE 320CE (124.052), E-CLASS E200 (124.019), E220 (124.022), E250 Turbo-D (124.128), E280 (124.028), E280 (124.029), E300 4-matic (124.230), E300 D (124.131), E300 Turbo-D (124.133), E300 Turbo-D 4-matic (124.333), E320 (124.032), E36 AMG (124.052)	1993→1995
✓	E-CLASS E200 (124.040), E220 (124.042), E320 (124.052)	1993→1997
✓	E-CLASS E200 (124.060), E-CLASS E220 (124.062), E320 (124.066), S-CLASS 300SD (140.134), 300 SD (140.134), S-CLASS S350 Turbo-D (140.134)	1993→1998
✓	E-CLASS E200D (210.003), E220D	1996→2002
✓	E-CLASS E200T (124.079), E220T (124.082), E250TD (124.186), E280T (124.088), E280T (124.088), E300 T 4-matic (124.290), E300 T Turbo-D (124.193), E300T Turbo-D 4-matic (124.393), E300TD (124.191), E300TE-24 AMG (124.091), E320T (124.092), E320 (124.092)	1993→1996
✓	E-CLASS E220D (210.004), E250D (210.010)	1995→1999
✓	E-CLASS E230 (210.037), E300 (210.020), E300 D (210.020), E320 (210.055)	1995→1997
✓	E-CLASS E230 T (210.237), E280 (210.053)	1996→1997
✓	E-CLASS E250D (124.126), S-CLASS 300SE, SPRINTER 2.9TDi (903.371), T1/TN 408 D (611.317), T1/TN 408 D (611.367), T1/TN 410 D (611.417), T1/TN 410 D (611.467)	
✓	E-CLASS E290T Turbo-D (210.217), E290 Turbo-D (210.017)	1996→1999
✓	E-CLASS E36 AMG	1994→1995
✓	E-CLASS E36 AMG (124.052), G-CLASS 320GE (463.208)	1994→1997
✓	E-CLASS E36 AMG (124.066)	1994→1998
✓	E-CLASS E36T AMG (124.092)	1994→1996
✓	G-CLASS 350G Turbo-D (463.300)	1991→1997
✓	G-CLASS 350 Turbo GD (463.320, G320 (463.230), 312D 2.9 (903.411)	
✓	G-CLASS G36 AMG (463.230)	1995→
✓	KOMBI 200TE (124.079)	1986→1993
✓	KOMBI 220TE (124.082), 280TE (124.088), 300TE (124.092), 320TE (124.092), SALOON 200E (124.019), 220E (124.022), SALOON 280E (124.028), 300E (124.028), 320E (124.032)	1992→1993
✓	KOMBI 300T Turbo-D, SALOON 300E 4-matic (124.230), KOMBI 300T Turbo-D 4-matic (124.393), 300TE 4-matic (124.290)	1986→1989
✓	KOMBI 300T Turbo-D (124.193), 300T Turbo-D 4-matic (124.393), 300TD (124.193)	1989→1993
✓	KOMBI 300TE 4-matic (124.290)	1986→1993
✓	KOMBI 300TE-24 (124.091), 300TE-24 (124.091)	1989→1992
✓	M-CLASS ML 230 (163.136)	1998→2005
✓	MB100 2.3D	1999→2003
✓	MB100 2.9D, MB140 2.9D	2001→2005
✓	O City	1994→
✓	SALOON 300 E 4-matic	1986→1992
✓	SALOON 300 E-24 (124.031), 300E-24 (124.031)	1988→1992
✓	SALOON 300 Turbo-D (124.133), 300 Turbo-D 4-matic (124.333)	1986→1988
✓	SALOON 300 Turbo-D (124.133), 300 Turbo-D 4-matic (124.333)	1988→1993
✓	SPRINTER 208D, 212D, 308D, 308D 2.3, 310D 2.9, 312D 2.9	1995→2000
✓	SPRINTER 208D	1996→2000
✓	SPRINTER 210D, 310D 2.9, 310D 2.9 4x4	1997→2000
✓	SPRINTER 310D 4x4, 312D 2.9 4x4	1997→2002
✓	SPRINTER 408D, 410D, 412D	1996→2006
✓	SPRINTER 410D 4x4, 412D 4x4, 412D 4x4, 414D 4x4	1997→2006
✓	SPRINTER 412D	1999→2001
✓	T1 208D 2.3, T1 210D 2.8, T1 210D 2.9, T1 308D 2.3	1988→1996
✓	T1 210 2.3	1977→1996
✓	T1 308D 2.3, T1 310D 2.9, T1 310D 2.9	1989→1996
✓	T1 310 2.3	1982→1996
✓	T1 310D 2.9	1990→1996

SSANGYONG

✓	KORANDO 2.2D	1988→1996
✓	KORANDO 2.3D (KJ)	1996
✓	KORANDO 2.9D	1997→
✓	KORANDO 2.9D (KJ), MUSSO 2.3	1996→
✓	MUSSO 2.3D	1993→
✓	MUSSO 2.9D	1996→

Ref. 06.ABO1019

200A
12V

Informação Técnica

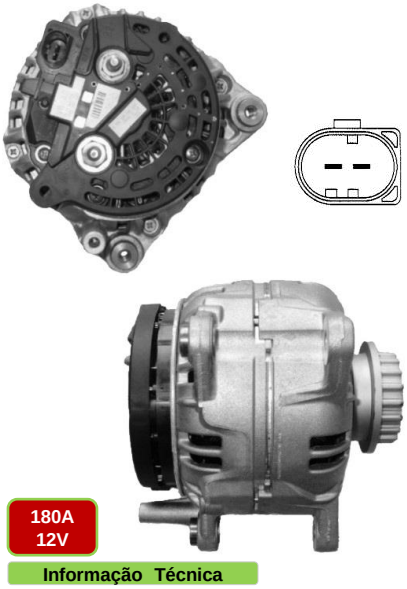
REFERÊNCIAS:
0121545902, 01240AA3KB, 01240AA5DB, 0124625002, 0986045420, 113274, 2205403, 23344, 23344N, 284844, 555535200, 6158SP, 8EL738065001, 9045420F, 945420, A0121545902, CA1701IR, DRB5420, HCA1701IR, LRA02344

APLICAÇÕES:

MERCEDES

✓	C220 CDi	01-02→
✓	E200 CDi, E220 CDi, E270 Cdi	03-02→

Ref. 06.555535200R ■ 06.ABO1017



180A
12V

Informação Técnica

REFERÊNCIAS:
01210AA47B, 0121715004, 0124625013, 0124625018, 0124625035, 070903024, 070903024B, 070903139, 0986048000, 2205459A, 2205714, 23322, 284710, 305544180, 6249SP, 8EL011712011, 8EL738205001, 9090174F, 934165, 944390901740, ALT1296sa, CA1820IR, DRA4165, HCA1820IR, KTR611088360, LRA02235, OAN11580

APLICAÇÕES:

VW

✓	Touareg 2.5 R5 TDi	01-03→
✓	Transporter 2.5 TDi, Multivan 2.5 TDi	04-03→

Ref. 06.305544180+ ■ 06.ABO1009

* As marcas e números originais servem apenas como referência, excepto onde mencionadas como tal.

60A
24V

Informação Técnica

REFERÊNCIAS:
UD13088A AS-PL, A-6650 DIXIE, 48-6613 ELSTOCK, 11.201.918, 11.203.100, 11.204.584, AAK5178, AAK5365, AAK5852, IA0918 ISKRA / LETRIKA, LRA03503 LUCAS, 72735178, 72740603, MG179, MG667 MAHLE, 806.501.060 PSH, 835339422, 836664356 SISU, MAHMG179 WOOD AUTO

APLICAÇÕES:

- ✓ Diversos tipos de barcos

Ref. 06.A9232

60A
24V

Informação Técnica

REFERÊNCIAS:
UD02592A AS-PL, 37300-93500, 37300-93501 HYUNDAI / KIA, ALA3503 KRAUF, 1019-132RS(MD)RS, 600800 VALEO

APLICAÇÕES:

HYUNDAI

- ✓ HD 270, HD35

Ref. 06.A9132MANDO

120A
12V

Informação Técnica

REFERÊNCIAS:
063377495010, 0986083320, 1012101200, 1012101390, 1012101391, 135535120, 286948, 505573105, 51805801, 51854911, 51854912, 6204201, 63377023, 6337702301, 6386SP, 930247, 93183381, CA2180IR, DAN997, DRA1182, LRA03838, MAN7495, MS1012101391

APLICAÇÕES:

FIAT

- ✓ Dobló 1.3 JTD 05-05→
- ✓ Dobló 1.3 D Multijet, Grande Punto 1.3 D Multijet, Idea 1.3 D Multijet 10-05→
- ✓ Dobló 1.3 D Multijet 02-10→
- ✓ Linea 1.3 D Multijet 06-07→
- ✓ Punto Evo 1.3 D Multijet 10-09→

LANCIA

- ✓ Musa 1.3 D Multijet 09-06→

MINI

- ✓ Cooper 1.6 S-S 01-07→

OPEL

- ✓ Astra 1.3 CDTi 01-07→

Ref. 06.135535120OE ■ 06.A6076DENSO

80A
12V

Informação Técnica

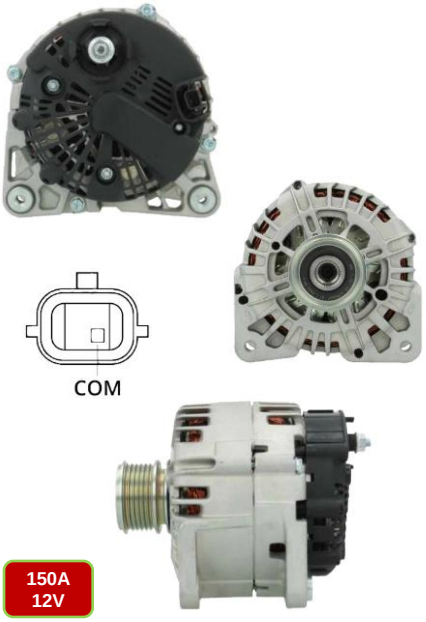
REFERÊNCIAS:
0986083840, 114707, 225559080, 285981, 5705KW, 930872, 96660300280, 9666030280, A005TG1392A, A005TG1392B, A5TG1392A, A5TG1392B, DRA0872, LRA03369

APLICAÇÕES:

CITROEN

- ✓ C3 1.4 11-09→

Ref. 06.114707 ■ 06.225559080OE



150A
12V

Informação Técnica

REFERÊNCIAS:
0986080410, 231000026R, 2606272A, 285801, 439646, 440216, 575915150, 606272, 6425SP, 7711497409, 8EL738212101, 9090777F, 930373, CA1974IR, DRA0373, HCA1974IR, LRA03189, TG15C146

APLICAÇÕES:

RENAULT

- ✓ Megane 1.5 DCI 11-08→

Ref. 06.575915150OR+ ■ 06.A3166+

120A
12V

Informação Técnica

REFERÊNCIAS:
0005895, 0124425021, 0124515005, 0124515080, 0986044000, 0986044030, 24429105, 437546, 9044030, 90561169, 9117937, 93175813, CGB-83936, CGB-84833, DRB4030

APLICAÇÕES:

OPEL

- ✓ ASTRA DI 2,0 1998→2005
- ✓ SIGNUM DTI 2,0, SIGNUM DTI 2,2 2003→
- ✓ VECTRA DTI 16V 2,0 2002→
- ✓ ZAFIRA DI 16V 2,0 1999→2005

Ref. 06.A-1577

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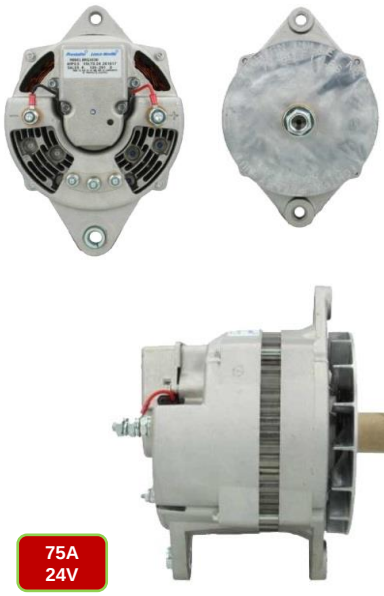


75A
24V

Informação Técnica

REFERÊNCIAS:
0R5206, 110173, 110296, 110446, 19010000, 2920012793948, 2920013076328, 3E7578, 7255N, 8LHA3025P, 8LHA3071P, 90013028, 996001075

APLICAÇÕES:
THERMOKING

Ref. 06.996001075OE

70A
12V

Informação Técnica

REFERÊNCIAS:
20447N, 287705, 300111407RB, 995502070, A702615A, SG7S062

APLICAÇÕES:
THERMOKING

Ref. 06.995502070+

120A
12V

Informação Técnica

REFERÊNCIAS:
0120484028, 10412571, 10415456, 113716, 12334, 12334N, 20140111, 20415456, 412571, 416782, 418465, 452258, 5D50461G01, 8415456, 8418465, 8452258, 995013120, AL9120N, F005A00020, LRA03806

APLICAÇÕES:
THERMOKING

Ref. 06.995013120+ ■ 06.113716

65A
12V

Informação Técnica

REFERÊNCIAS:
000008814, 19025112, 20140114, 251147, 251216, 306005007, 439288, 995009065, A13N296, LRS00664, LRS01160

APLICAÇÕES:
THERMOKING

Ref. 06.995009065

70A
12V

Informação Técnica

REFERÊNCIAS:
12459, 241290, 2542276, 284538, 300111407, 306005004, 439233, 542276, 7102937, 995005070, A13N291, ALT0012Psa, ALT0012sa, KTR1990010140, LRA02098

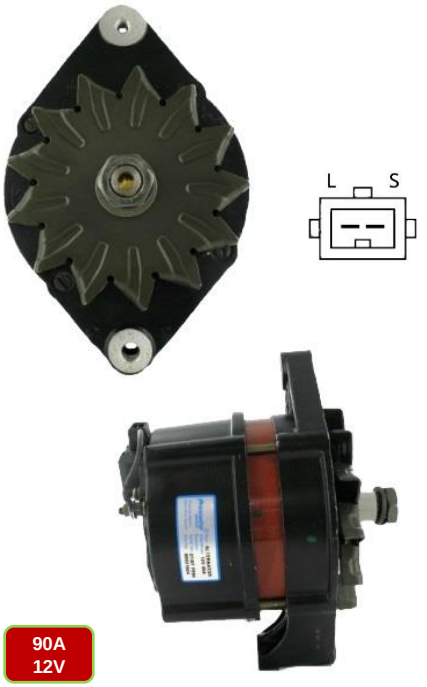
APLICAÇÕES:
CARRIER
- ✓ Transicold

FRIGIKING CARRIER
- ✓ Maxima
- ✓ Supra

KUBOTA
- ✓ CT2-29TV
- ✓ CT3-29/44TV
- ✓ CT4-134DI

THERMOKING

Ref. 06.995005070 ■ 06.114084



90A
12V

Informação Técnica

REFERÊNCIAS:
0120484049, 415456, 66021624, 9515560, 995002090

APLICAÇÕES:
THERMOKING

Ref. 06.995002090

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65A
12V

Informação Técnica

REFERÊNCIAS:
0120488296, 10415458, 111672, 12224, 12224N, 19020508, 220344B, 284901, 5D38604G01, 66021606, 90156280, 9120060023, 9515590, 995002065, ALT1273sa, ALT1291sa, IA1587, KTR1990004130, LRA2557

APLICAÇÕES:
THERMOKING

Ref. 06.995002065 ■ 06.995002065+

70A
12V

Informação Técnica

REFERÊNCIAS:
19020618, 8464N, 8600516, 892940T, 892940T01, 975513070

APLICAÇÕES:
MERCURY
✓ Marine 01-05→12-09

Ref. 06.975513070+

60A
24V

Informação Técnica

REFERÊNCIAS:
024080, 1022114080, 6008616510, 946503060

APLICAÇÕES:
KOMATSU
✓ Industrial

Ref. 06.946503060+

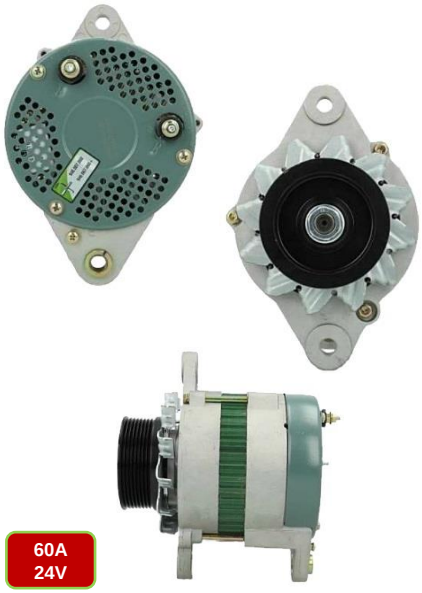
60A
24V

Informação Técnica

REFERÊNCIAS:
026250, 0350004041, 0350004270, 0350004330, 0350004331, 12864, 285162, 6008255120, 6008255220, 6008256250, 946010060

APLICAÇÕES:
KOMATSU
✓ Industrial

Ref. 06.946010060+



60A
24V

Informação Técnica

REFERÊNCIAS:
026110, 0350004190, 0350004220, 0350004350, 0350004370, 0350004400, 0350004500, 0350004501, 115445, 12809, 25029009, 285165, 6008256110, 6008256310, 6008256330, 6008256370, 6008616110, 946007060

APLICAÇÕES:
KOMATSU
✓ Industrial

Ref. 06.946007060+ ■ 06.ANK2010

13A
24V

Informação Técnica

REFERÊNCIAS:
0330002200, 0330002280, 0330002281, 0330002290, 0330003500, 0330003501, 12249N, 6008213260, 6008213280, 6008213350, 6008213370, 6008213570, 6008213571, 946004013, ALT8811DPsa, ALT8811sa, KTR1892008026, LRA02454

APLICAÇÕES:
KOMATSU
✓ D50,D53, D60, D65, D75

Ref. 06.946004013+

*As marcas e números originais servem apenas como referência, excepto onde mencionadas como tal.

100A 24V

Informação Técnica

REFERÊNCIAS:
1884268, 1888010, 20290, 20290N, 570887, 916509100, 931117, A004TR5691AM, A004TR5691ZT, A00TR5691, A4TR5691, A4TR5691AM, A4TR5691ZT, DRA1117, LRA03706

APLICAÇÕES:

SCANIA
- ✓ DP, DL

Ref. 06.916509100 ■ 06.1-8342-03

100A 24V

Informação Técnica

REFERÊNCIAS:
1516176, 1525447, 1774592, 20365, 484979, 571474, 571688, 6287SP, 8EL738211401, 916505100, 930402, A004TR5188, A004TR5188ZT, A004TR5191, A004TR5191ZT, A4TR5188ZT, A4TR5191AT, A4TR5191ZT, CA1842IR, DRA0402, HCA1842IR, LRA02863

APLICAÇÕES:

SCANIA

Ref. 06.916505100OE

55A 24V

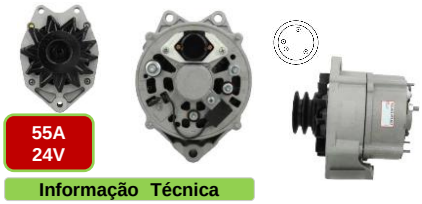
Informação Técnica

REFERÊNCIAS:
0120469569, 0120469643, 0120469693, 0120469763, 0120469807, 0120469900, 0120469959, 0120469960, 0986032720, 0986032721, 0R3652, 102334, 1117252, 11201801, 12167, 12167N, 1270300BO, 19025097, 1986A00154, 2205161, 257592, 2960250, 3547SP, 354858, 357736, 371972, 410676, 436412, 481596, 5231SP, 571505, 571506, 858882, 8EL725649001, 90156408, 9120145000, 9120145001, 9120145002, 9120145003, 916001055, 932720, 932721, 943356231, 9932720F, 9AR6025K, 9W3043, A14N133, A14N39, A14R33, ALT1285sa, ALT7924sa, CA227IR, CA749IR, DRA2720, DRA2721, HCA227IR, KTR1832002110, l90A0120469807, LRB00104, MAR845, NA312, OR3652

APLICAÇÕES:

SCANIA
- ✓ 111, 112, 113, 140, 141, 142, 143, 145, 146, 81, 82, 86, 92, 93 04-82→

Ref. 06.916001055 ■ 06.111834



55A 24V

Informação Técnica

REFERÊNCIAS:
0120469038, 0120469527, 0120469562, 0120469592, 0120469761, 0120469891, 0636247R, 0986033100, 0986036920, 20977N, 20978, 220432, 3563SP, 371963, 3F08R, 3F09R, 3K05I, 436422, 4630801130, 480995, 50A890967, 51261017156, 51261017190, 523161, 6143717, 636247, 81DB10346BB, 82DB10346BA, 854300, 859020, 890667R, 894300, 8EL725663001, 90156416, 906002055, 9120080128, 933100, 936920, 9936920F, A00105, A00108, A00109, ALT0501sa, ALT0513sa, ALT1251sa, CA240IR, DRA3100, DRA6920, HCA240IR, KTR1812004110, LRA00978, LRA978, LRB102

APLICAÇÕES:

CUMMINS
- ✓ Industrial

DAF

✓ 1100 t/m 1800 Serie	11-73→08-91
✓ 2000 t/m 2535 Serie	02-75→07-91
✓ 2105 DF	07-78→08-91
✓ 2800 t/m 3600 Serie	06-85→09-91
✓ 400	05-77→
✓ 75	07-92→
✓ 900	01-77→12-81
✓ 95 Serie	09-87→

FORD
- ✓ Cargo

HANOMAG
- ✓ Diversos modelos de camião

MAN
- ✓ Diversos modelos de camião

MERCEDES/MAN

✓ 06 t t/m 22 t (t/m 6.0 155KW)	03-91→
✓ 12 t t/m 48 t (v.a. 9.6 141KW)	03-91→

PERKINS
- ✓ Agriculture

SAMIL
- ✓ 100, 20, 50

Ref. 06.906002055

120A 12V

Informação Técnica

REFERÊNCIAS:
1012117630, 1012117631, 1012117632, 1012117633, 284767, 286506, 845507120, 930436, 9761219763, DAN672, DRA0436, LJA1800, LJA1800AC, LJA1800AD, LNC1800AA, LRA02286, LRA03394

APLICAÇÕES:

JAGUAR

✓ XJ 8	07-97→05-03
✓ XK8 4.0	03-96→

Ref. 06.845507120OE

120A 12V

Informação Técnica

REFERÊNCIAS:
1002116310, 1002116320, 1002116450, 1012117191, 1012117640, 13690, 290331, 845502120, 90295196, 90295275, 933666, DBC6819, DBC6820, DRA3666, LNA18000BA, LNA1800DA, LRB00379, NA1800BA, OAN10837

APLICAÇÕES:

JAGUAR

✓ XJ 40 V12 6,0	03-93→11-94
✓ XJ 12 6.0, XJ 6 Sovereign 4,0	11-94→07-97

Ref. 06.845502120RJ

* As marcas e números originais servem apenas como referência, excepto onde mencionadas como tal.

100A
12V

Informação Técnica

REFERÊNCIAS:
1002104561, 22149, 275701, 38522268F, 835702100, 931052, DRA1052, LRA03089

APLICAÇÕES:

JEEP

✓	Cherokee 2.5TD	10-95→
✓	Grand Cherokee 2.5TD	10-95→04-99

Ref. 06.835702100

100A
12V

Informação Técnica

REFERÊNCIAS:
1002104510, 1002104520, 22148N, 273902, 38522237F, 38522255F, 385222681, 4864441, 835701100, 9090384F, 930147, DRA0147, LRA01148, TRA013

APLICAÇÕES:

JEEP

✓	Cherokee 2.5TD	10-95→
✓	Grand Cherokee 2.5TD	10-95→04-99

Ref. 06.835701100R ■ 06.835701100+

80A
12V

Informação Técnica

REFERÊNCIAS:
0986083710, 835599080, 96936136, 96945926, TRA133

APLICAÇÕES:

CHEVROLET

✓	Aveo	

Ref. 06.835599080OE ■ 06.835599080TWA

210A
12V

Informação Técnica

REFERÊNCIAS:
04801338AB, 1042106080, 1042106081, 1042106082, 286642, 835584210, 930957, DRA0957, LRA03532, TNA102

APLICAÇÕES:

DODGE

✓	Nitro 2.8 CRD	06-07→

JEEP

✓	Wrangler 3.8, Wrangler 2.8 CRD	04-07→

Ref. 006.835584210+

125A
12V

Informação Técnica

REFERÊNCIAS:
0124425035, 11234N, 1287801BO, 15204278, 2205456, 835576125, 90156532, GM15204278

APLICAÇÕES:

CHEVROLET

✓	GMC G1500 Savana 4.3	01-09→
✓	Silverado 4.3	01-07→12-09

Ref. 06.835576125+

120A
12V

Informação Técnica

REFERÊNCIAS:
1254601MI, 13892, 13892N, 275734, 5033054AB, 835537120, 8EL738215001, 90273265, 930634, A003TB2491, A003TB2491ZC, A003TB2492, A3TB2491ZC, A3TB2492, HJA1791IR, JA1791, JA1791IR, LRA03122

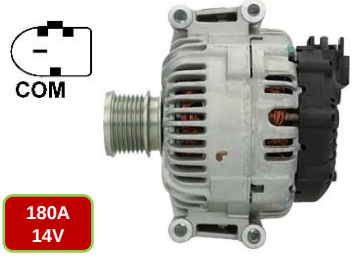
APLICAÇÕES:

CHRYSLER

✓	PT Cruiser 2.0	06-00→

Ref. 06.835537120+

* As marcas e números originais servem apenas como referência, excepto onde mencionadas como tal.



180A 14V

Informação Técnica

REFERÊNCIAS:

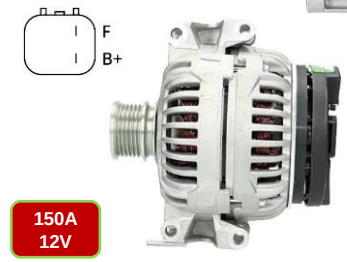
04896808AA, 04896808AB, 2542845, 2542845R, 285777, 439579, 440037, 4896808AB, 542845, 593957, 835527180, 835527180004, 835527180005, 835527180005NOPULLEY, 835527180500, 835527180500001, 835527180501, 835527180505, 835527180750, 835527180990, 930396, DRA0396, LRA03165, OAN12357, RX896808AC, TG17C026, TG17C026ASS, TG17C026CO, TG17C026OR, TG17C026OR+

APLICAÇÕES:

CHRYSLER

✓ 300C 09-05→

Ref. 06.835527180OE



150A 12V

Informação Técnica

REFERÊNCIAS:

0121546302, 0124615013, 0124615013R, 0124615018, 0124615018SP, 0124615032, 0124615032+, 0131540702, 05080464AD, 0986047460, 2205494, 23547, 274891, 5080464AB, 5080464AC, 835519150, 835519150010, 835519150015, 835519150210, 835519150210101, 835519150211, 835519150215, 947460, A0121546302, A0131540702, DRB7460, LRA02547

APLICAÇÕES:

CHRYSLER

✓ PT Cruiser 01-02→

Ref. 06.835519150+

120A 12V

Informação Técnica

REFERÊNCIAS:

1207501ND, 121000416, 1210004160, 1210004160+, 1210004161, 1210004330, 1210004330CO, 1210004331, 1210004331CO, 13592, 13594N, 13765, 13765N, 273895, 274983, 4686099, 4727221, 4727329AA, 6146SP, 835507120, 835507120050, 835507120055, 835507120260001, 835507120260002, 835507120515, 835507120550, 835507120900, 8EL738046001, 90295191, 90295194, 9090450F, 9712109416, A8533, ALT6208, DRZ0199, F042A02149, F042A02149FDB, HJA1707IR, JA1707, JA1707IR, KTR1671014240, LRA01147

APLICAÇÕES:

CHRYSLER

✓ Voyager 3.0, 3.3i, 3.8i 01-95→03-01

✓ Voyager 2.4L

DODGE

✓ Caravan 3.0, 3.3i, 3.8i 01-95→03-01

Ref. 06.113235 ■ 06.835507120+

115A 12V

Informação Técnica

REFERÊNCIAS:

0123510037, 0123510037+, 0123510037CO, 0123510106, 0123510106CO, 0123510137, 0986080950, 437744, 4727206, 5788SP, 835501115, 835501115010, 835501115210, 835501115210001, 835501115210002, 835501115215, 8EL737695001, 9090136F, 909036F, CA1478IR, DRZ0200, HCA1478IR, LRA01821

APLICAÇÕES:

CHRYSLER

✓ Voyager 2.5 Diesel Turbo 01-95→03-01

Ref. 06.835501115+ ■ 06.CGB-83645

160A 12V

Informação Técnica

REFERÊNCIAS:

10459037, 10459038, 10459047, 10459050, 10459051, 10459111, 10459133, 10459135, 1117909, 1117910, 1117919, 1117920, 1117922, 1117934, 1117964, 1680754C91, 1680754C92, 19010115, 19010126, 19010126+, 19010127, 19010128, 19010168, 19010202, 19020310, 2132X10459051, 2132X10459052, 2132X10459054, 21SI, 321688, 3604668RX, 3920616, 835031160, 835031160030, 835031160390, 835031160510, 835031160515, 90014093, 90014109, 90014109N, ALT2627Asa, DA35, DRZ0191, F6HT10300EA, F6HT10300FA, F6HT10300HA, F6HT10300JA, F6HZ10346B, F6HZ10346C, KTR1670062320, R0459133, V1092961, V1092962

APLICAÇÕES:

CATERPILLAR

✓ Industrial

VOLVO

✓ Vários modelos de camiões

Ref. 06.835031160R

80A 24V

Informação Técnica

REFERÊNCIAS:

3803912, 3840183, 816509080, 816509080130, 816509080370, A003TR5093, A003TR5093AM, A003TR5093ZT, A3TR5093, A3TR5093+, A3TR5093AM, A3TR5093ZT, CAL35645GS, LRA03730

APLICAÇÕES:

VOLVO PENTA

✓ Marine (Barcos)

Ref. 06.816509080+

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80A
24V

Informação Técnica

REFERÊNCIAS:
114843, 3587218, 487646, 816507080, 816507080130, 816507080370, 816507080371, 931116, A003TR5092ZT, A003TR5092ZTDI, A3TR5092+, A3TR5092ZT, DRA1116, LRA04037

APLICAÇÕES:

VOLVO PENTA

- ✓ Marine (Barcos)

Ref. 06.816507080OE ■ 06.816507080+

100A
24V

Informação Técnica

REFERÊNCIAS:
011033848, 01183126KZ, 20224N, 21289221, 486658, 5010589136, 663553, 816506100, 816506100130, 816506100134, 816506100135, 816506100370, 816506100370001, 816506100400, 816506100990, 85009257, A004TA8591, A4TA8591, A4TA8591+, A4TA8591AM, A4TA8591ASS, A4TA8591CO, A4TA8591OR+, LRA03548

APLICAÇÕES:

VOLVO

- ✓ Diversos modelos de camiões

Ref. 06.816506100OE ■ 06.114303

80A
24V

Informação Técnica

REFERÊNCIAS:
0124555036, 11209623, 20850236, 21429782, 72445848, 816502080, 816502080210, 816502080310, 9203272, 930285, AAN5412, DRA0285, IA9471, LRA03413, MG816

APLICAÇÕES:

VOLVO

- ✓ Diversos modelos de camiões

Ref. 06.816502110OR+ ■ 06.ABO2064

55A
24V

Informação Técnica

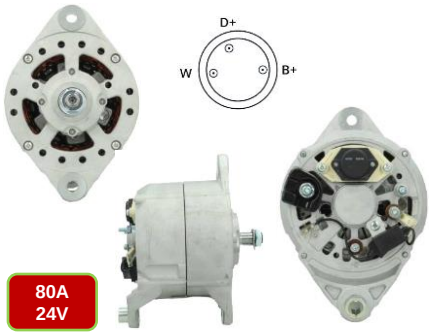
REFERÊNCIAS:
0986080180, 11063163, 12417N, 181991, 218199, 2522104, 2541199, 2541199B, 2541199C, 2541828, 2541850, 2549124, 436639, 436639R, 436703, 436734, 439173, 481758, 5272SP, 5273SP, 541199, 541828, 541850, 816017055, 816017055000, 816017055500, 816017055500001, 816017055500002, 816017055500003, 816017055500004, 816017055500005, 816017055501, 816017055505, 816017055550, 845940, 8720211, 8737579, 8EL731718001, 8EL731719001, 9011063163, 933956, A14N118, A14N118M, A14N118M+, A14N118MCO, A14N119, A14N119M, A14N119MCO, A14N141, A14N141M, A14N141MCO, A14N200, A14N200M, A14N200MCO, A14N206, A14N206M, A14N206MCO, A14N47, CA857IR, CA858IR, DRA3841, DRA3956, HCA857IR, HCA858IR, KTR1632034110, LRB00306

APLICAÇÕES:

VOLVO

- ✓ Penta Marine (Barcos)

Ref. 06.816017055+ ■ 06.111658



80A
24V

Informação Técnica

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APLICAÇÕES:

VOLVO

✓	B 12	10/95→
✓	FH 12, FH 16	08/93→
✓	FL 10	09/85→
✓	FL 12	09/95→
✓	FM 10, FM 12	04/99→
✓	FM 7	09/98→
✓	FM 9	12/01→

Ref. 06.816004080 ■ 06.816004080+

180A
12V

Informação Técnica

REFERÊNCIAS:
286735, 31285399, 36002929, 439917, 440583, 617930, 815539180, 815539180004, 815539180500, 815539180500001, 815539180501, 815539180505, 931327, DRA1327, FG18T058, FG18T125, FG18T125CO, FG18T125OR+, FG18T125R, LRA03625

APLICAÇÕES:

VOLVO

- ✓ S60 1.6D2, S80 1.6D2, V60 1.6D2, V70 1.6D2 01-11→

Ref. 06.815539180OE

* As marcas e números originais servem apenas como referência, excepto onde mencionadas como tal.

75A
12V

Informação Técnica

REFERÊNCIAS:
12671, 12673, 12673N, 2655300, 2655301, 285630, 3862613, 3862665, 3884950, 815526065, 815526075, 815526075000, 815526075360, 90225514, A0002655300, A0002655301, DRA0404, LRA03018

APLICAÇÕES:

VOLVO

- ✓ Penta Marine (Barcos)

Ref. 06.815526065OE

115A
12V

Informação Técnica

REFERÊNCIAS:
020093,285535, 3587216, 3819662, 3840181, 815524115, 815524115130, 815524115370, 815524115370001, 815524115370002, 874502, 930684, A003TR0091, A003TR0091ZT, A003TR0093, A003TR0093ZT, A003TR0094, A3TR0091ZT, A3TR0091ZTCO, A3TR0092, A3TR0093ZT, A3TR0093ZT+, A3TR0093ZTCO, A3TR0094ZT, DRA0684, LRA02921

APLICAÇÕES:

VOLVO

- ✓ Penta Marine (Barcos)

Ref. 06.815524115+

140A
12V

Informação Técnica

REFERÊNCIAS:
0124525014, 0124525014CO, 0124525014SP, 0124525029, 0124525029+, 0124525029CO, 0124525029R, 0124525029SP, 0124525529, 0986042840, 0986042847, 113272, 1285901BO, 13998, 13998N, 2205049, 284641, 3803645, 437610, 815512140, 815512140010, 815512140015, 815512140016, 815512140210, 815512140210001, 815512140210002, 815512140210101, 815512140210102, 815512140215, 815512140750, 815512140751, 815512140900, 8602343, 8602629, 8602710, 8622786, 8676489, 8676496, 8676498, 90156515, 9042840F, 942840, ALT1243sa, ALT2089A, CA1673, DRB2840, F042A01181, F042A01181FEB, KTR1631024280, LRA02182, OAN10416, OAN10435

APLICAÇÕES:

VOLVO

- ✓ S60 2.4D/D5 01-00→
- ✓ S40, V40 1.6i, 1.8i, 2.0i, S80 2.8 T6, S80 2.9 24V, S80 TDi, V40 2.0

Ref. 06.815512140+ ■ 06.815511120OER

100A
12V

Informação Técnica

REFERÊNCIAS:
0120465012, 0123213005, 0123213006, 0123213006CO, 0123500004, 0123500004CO, 0123505014, 0123505014+, 0123505014CO, 0123505014R, 0123505014SP, 0123545001, 0123545001CO, 0986038630, 0986038631, 0986040370, 0986040371, 0986040377, 1002115570, 1012115570, 1012115571, 1012115571CO, 1220801BO, 1220802BO, 13520, 13800, 20110219, 2205045, 22536, 2651SP, 281668, 2905388, 3523422, 437516, 5003975, 5003996, 6254SP, 815506100, 815506100010, 815506100210, 815506100210001, 815506100210002, 815506100210003, 815506100210004, 815506100210005, 815506100215, 815506100260001, 815506100265, 815506100415, 815506100550, 815506100551, 815506100900, 8EL737037001, 8EL738211001, 90156314, 9038630F, 9130002, 9130003, 9130217, 9130274, 9130485, 913273, 9162424, 9162683, 940370, ALT2063, B120411114, CA1088IR, CA1822IR, DRB0370, F042A01072, F042A01072FDB, HCA1088IR, HCA1822IR, LEA0178, LRA01536, LRB00219, TRA267, W26186

APLICAÇÕES:

VOLVO

- ✓ 850 2.0/2.3/2.5T 09-91→
- ✓ 960 3.0i 09-90→
- ✓ C70 2.0/2.5/T5/B5, S70 2.0/2.3/2.5i/B 01-97→
- ✓ S40, V40 1.6i/1.8i/2.0 12-95→

Ref. 06.815506100R ■ 06.815506100

65A
12V

Informação Técnica

REFERÊNCIAS:
12391, 3860082, 815022065, 815022065200, 815022065360, AC165622, AC165622+, TA000B44601

APLICAÇÕES:

VOLVO

- ✓ Penta Marine (Barcos)

Ref. 06.815022065+

70A
12V

Informação Técnica

REFERÊNCIAS:
0120488142, 0120489490, 0120489490CO, 01242889, 0986036880, 0986036881, 11201523, 208416, 20961, 2541151, 2541444, 2541445, 2584, 2584SP, 2585, 280892, 3417313, 3417318, 3460600, 433079, 433113, 436309, 436473, 466645, 5184, 5184SP, 541490, 815015070, 815015070000, 815015070210001, 815015070215, 815015070311, 815015070500, 815015070500001, 815015070505, 815015070550, 815015070551, 8EL012428891, 8EL725862001, 8EL725909001, 9031138, 9031146, 9031705, 9036880F, 933083, A13N133, A13N169, A13N178, A13N231, A13N232, A13N232CO, A13N241, A13N241+, A13N241R, A14N241, AAK3583, ALT0042sa, CA574IR, CA625IR, DRA3083, DRA3084, DRA6880, HCA574IR, HCA625IR, IA0523, KTR1630030140, LRA00966, LRA966, MG529, NA346, NA393, W26166, W26167

APLICAÇÕES:

VOLVO

- ✓ 440, 460, 480 03-86→

Ref. 06.815015070+

* As marcas e números originais servem apenas como referência, excepto onde mencionadas como tal.

65A 24V

Informação Técnica

REFERÊNCIAS:
0242704, 0986081030, 104257A1, 1100077, 1100077+, 1100093, 1100211, 1100274, 1105474, 1105475, 1105476, 1177600DR, 1A0076, 201271, 211129, 214169, 240241, 27SI, 27SI24V, 3603863RX, 3920618, 483692, 603853RX, 683594C91, 706004065, 706004065030, 706004065390, 706004065510, 706004065511, 7197, 7197N, 90013100, 90013100N, A49652, ALT2603sa, C5107, DRZ0115, KTR1412008130, L72955, LRA02497, UA929IR

APLICAÇÕES:

CASE INTERNATIONAL
- ✓ Industrial

CATERPILLAR
- ✓ Industrial

CLARK
- ✓ Industrial

CUMMINS
- ✓ Industrial

KOMATSU
- ✓ Industrial

MACK
- ✓ Camiões

VOLVO
- ✓ Camiões

Ref. 06.706004065WR ■ 06.706004065+

85A 12V

Informação Técnica

REFERÊNCIAS:
021744, 0763321744, 202136, 284894, 500364130, 63321744, 63321744+, 63321744CO, 63321822, 705504085, 705504085050, 705504085260, 705504085260001, 931353, LRA02550, LRA2550, MAN1043

APLICAÇÕES:

NEW HOLLAND (FORD/FIAT)
- ✓ Industrial TL100 01-97→

Ref. 06.705504085+

120A 12V

Informação Técnica

REFERÊNCIAS:
063377464010, 1012101580, 1022118130, 1022118131, 12739N, 240335, 286884, 2871A305, 2871A310, 3053661, 3439825, 3832557, 63377464, 63377464+, 63377464+, 705503120, 705503120050, 705503120260, 930029, ALT9054sa, DAN1092, DAN650, DRA0029, KTR1411006240, MAN7464

APLICAÇÕES:

CATERPILLAR
- ✓ 420D

JCB
- ✓ 411, 530, 580

PERKINS
- ✓ Industrial

Ref. 06.705503120+

75A 24V

Informação Técnica

REFERÊNCIAS:
021702, 063377466010, 1022118150, 1022118151, 12814N, 1556256, 2253146, 2253147, 2871A702, 2871A705, 3991485, 485810, 63377466, 63377466+, 63377466010, 63377466R, 706503075, 706503075050, 706503075260, 706503075265, 8600686, 930032, ALT9014sa, DAN652, DRA0032, KTR1413006150, LRA03198, MAN7466

APLICAÇÕES:

PERKINS
- ✓ Máquinas agrícolas

Ref. 06.706503075+

120A 12V

Informação Técnica

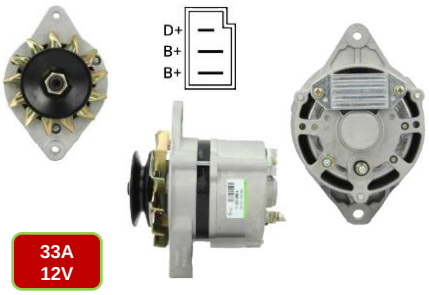
REFERÊNCIAS:
063321753010, 11203033, 11203033CO, 11203088, 11203494, 113529, 1C1T103008B, 3788017M91, 4170444, 63321753, 63321753CO, 640562, 705502120, 705502120090, 705502120260001, 705502120310, 705502120310001, 705502120311, 705502120750, 82014508, 87361082, 930262, AAK5223, AAK5355, ALT7958sa, ALT7975sa, ALT9053sa, DRA0262, IA1020, IA1020+, KTR1411004240, LRA02826, MAN1172, MG404, OAN11422

APLICAÇÕES:

MASSEY FERGUSON
- ✓ MF 5400, 6200, 8200 2001→

NEW HOLLAND (Ford/Fiat)
- ✓ TL 90 2004→
- ✓ TM 115, 25, 35, 50, 55

Ref. 06.705502120+



33A 12V

Informação Técnica

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11201095, 11201095+, 23880, 24019, 24022, 24087, 280607, 5174SP, 66021583, 705001033, 705001033090, 705001033310, 705001033311, 8EL725896001, 9120143200, 9120143201, 933458, 9AR2547, AAG1310, ALT7907sa, CA613IR, DRA3458, HCA613IR, IA0095, KTR1410002066, LRA00181, LRA361, MG462

APLICAÇÕES:

MASSEY FERGUSON
- ✓ Mf 135.4 01/66→12/81
- ✓ Mf140, 145, 148, Mf152, 154, 154c, Mf165, 168, Mf174, 174c, 04/81→
- ✓ Mf175, 178, Mf185, 188 01/70→
- ✓ Mf194 →04/82
- ✓ Mf200, 200b 01/69→12/72
- ✓ Mf2203, 2205 01/69→
- ✓ Mf250, 255 01/77→
- ✓ Mf260, 265 01/75→
- ✓ Mf2620, 2640, 2645 01/84→
- ✓ Mf390, 398, 399 01/83→
- ✓ Mf4500 01/73→
- ✓ Mf50, Mf535 01/77→
- ✓ Mf5500 01/71→

PERKINS
- ✓ Veículos Industriais

Ref. 06.705001033+ ■ 06.CGB-10095

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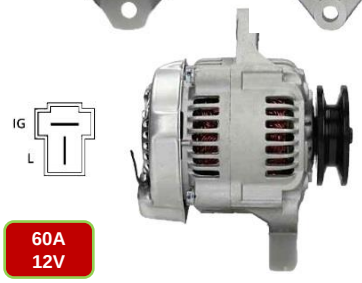

60A 12V

Informação Técnica

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1012112200, 1012112490, 1012112850, 1012112850CO, 1012118520, 1012118520+, 1012118521, 1012118521CO, 114251, 12656N, 1290527720, 1661564011, 1661564012, 284662, 2905159, 3A61174011, 3A61174012, 695512060, 695512060050, 695512060260, 695512060260001, 695512060260002, 695512060510, 90295459, 930316, ALT6166sa, DRA0316, KTR1391024120, LRA03514, TA04374011

APLICAÇÕES:

KUBOTA

✓ Mini tractor 01/07→

Ref. 06.695512060OE 06.695512060+

30A 12V

Informação Técnica

REFERÊNCIAS:
1002114520, 1002114520+, 1002114521, 12190, 12190N, 1233601ND, 1623164010, 1623164011, 1623164012, 290199, 695511040, 695511040050, 695511040260, 90295340, 90295340N

APLICAÇÕES:

KUBOTA

✓ Mini tractor 01/88→

Ref. 006.695511040+

40A 12V

Informação Técnica

REFERÊNCIAS:
021031, 1012111030, 1012111030+, 1012111030CO, 1012111031, 12807, 12807N, 1640464012, 286661, 2905600, 695505040, 695505040050, 695505040260, 695505040260001, 695505040410, 931256, LRA03551, TNA014

APLICAÇÕES:

BOBCAT

Ref. 06.695505040

70A 12V

Informação Técnica

REFERÊNCIAS:
020690, 05741390R, 1012110690, 1012114280, 1012114280+, 1022115700, 1022115700+, 1022115701, 114256, 1927964010, 1927964011, 1927964012, 1927964013, 695504070, 695504070050, 695504070051, 695504070265, 695504070410, TNA068

APLICAÇÕES:

KUBOTA

✓ Diversas máquinas

Ref. 06.695504070JR

60A 12V

Informação Técnica

REFERÊNCIAS:
021777, 12318, 12318N, 12364, 1C01164010, 1C01164011, 1C01164012, 1C01164013, 1C01164014, 1C01164015, 203171, 203178, 241561, 3A65174010, 3A65174011, 3C58174011, 695501060, 695501060130, 695501060265, 695501060370, 695501060370001, 90273295, A001TA1777, A1TA1677, A1TA1777, A1TA1777+, A1TA1777A, A1TA1777CO, A1TA3677, LRA03900

APLICAÇÕES:

KUBOTA

✓ Diversas máquinas

Ref. 06.695501060OE

65A 12V

Informação Técnica

REFERÊNCIAS:
0120488296, 0120488296+, 10415458, 111672, 12224, 12224N, 19020508, 220344B, 284901, 5D38604G01, 66021606, 66021606CO, 90156280, 9120060023, 9120060023CO, 9515590, 995002065, 995002065010, 995002065015, 995002065115, 995002065210001, 995002065215, 995002065350, 995002065380, 995002065380001, ALT1273sa, ALT1291sa, IA1587, KTR1990004130, LRA2557

APLICAÇÕES:

THERMOKING

✓ Super II

✓ SB-III 01/90→

✓ SB-III SR 01/93→

Ref. 06.66021606

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95A
24V

Informação Técnica

REFERÊNCIAS:
028401, 1012118400, 1012118401, 1012118401+, 12770, 12770N, 14650205, 2267683, 2871A703, 2905595, 646023095, 646023095200, 646023095260, 646023095261, 90295563, ALT6063sa, DAN2004, KTR1292046190

APLICAÇÕES:

CATERPILLAR
- ✓ Máquinas Industriais

Ref. 06.646023095

50A
24V

Informação Técnica

REFERÊNCIAS:
023586, 10R2576, 12748N, 203186A, 3436302300, 3436802300, 646014050, 646014050130, 646014050370, 646014050375, 646014050410, 90273280, A004TU3586, A4TU3586, A4TU3586+, A4TU3586R, A80045, TNA026

APLICAÇÕES:

CATERPILLAR
- ✓ Máquinas Industriais

Ref. 06.646014050TWA

60A
24V

Informação Técnica

REFERÊNCIAS:
3631678, 4094998, 646011060, 646011060150, 646011060380, 66021491, 66021491+, 66021616, 66021626, 857606, 859444, 933603, A302441, AS123, DRA3603, LNA4024

APLICAÇÕES:

CATERPILLAR
- ✓ Máquinas Industriais

Ref. 06.646011060OE

175A
24V

Informação Técnica

REFERÊNCIAS:
110258, 110258+, 19090009, 3001117, 3088302, 3088320, 42803, 646007175, 646007175150, 646007175380, 646007175510, 646007175511, 8422N, 8497489, 8SC3005V, 8SC3009, 8SC3009Z, 8SC3009ZA, 8sc3157V, 90059155, 90295164, ALT0583sa, ALT9745sa, KTR1292014350, PB6876, SC175, UA921IR

APLICAÇÕES:

CATERPILLAR
- ✓ Máquinas Industriais

CUMMINS
- ✓ Máquinas Industriais

KOMATSU
- ✓ Máquinas Industriais

VOLVO
- ✓ Camiões

Ref. 06.646007175+

175A
24V

Informação Técnica

REFERÊNCIAS:
110258, 110258+, 19090009, 3001117, 3088302, 3088320, 42803, 646007175, 646007175150, 646007175380, 646007175510, 646007175511, 8422N, 8497489, 8SC3005V, 8SC3009, 8SC3009Z, 8SC3009ZA, 8sc3157V, 90059155, 90295164, ALT0583sa, ALT9745sa, KTR1292014350, PB6876, SC175, UA921IR

APLICAÇÕES:

CATERPILLAR
- ✓ Máquinas Industriais

CUMMINS
- ✓ Máquinas Industriais

KOMATSU
- ✓ Máquinas Industriais

VOLVO
- ✓ Camiões

Ref. 06.646003070WIL ■ 06.112160

160A
12V

Informação Técnica

REFERÊNCIAS:
0499GG1, 110954522, 115347BU, 50342824LC, 5100179008, 645030160, 645030160380, 6HA518, A001090772, A0012824JB, A0012824LC, EL039, LN2824JB, LN2824LC, ZLN2824LC

APLICAÇÕES:

CATERPILLAR
- ✓ Máquinas Industriais

Ref. 06.645030160OE

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185A
12V

Informação Técnica

REFERÊNCIAS:
110565, 110565+, 113176, 113898, 282860, 283646, 285624, 645012185, 645012185150, 645012185380, 645012185515, 71371, 8SC2023Z, 8SC2223V, 90059279, ALT42004, DRZ0155, LRA03739, ZLN110565

APLICAÇÕES:
NEW HOLLAND

Ref. 06.645012185OE

95A
12V

Informação Técnica

REFERÊNCIAS:
1637805, 19020204CO, 19020208, 19020208+, 2406342, 287691, 3972730, 4955274, 645011095, 645011095030, 645011095390, 645011095390001, 645011095519, 8600000, 8600086, 87038475, 87042117, 8721N, 90014533, ALT2046sa, K19JN08A, K28AU08A, KTR1290022190

APLICAÇÕES:
CUMMINS
✓ Máquinas Industriais

Ref. 06.645011095+ ■ 06.115680

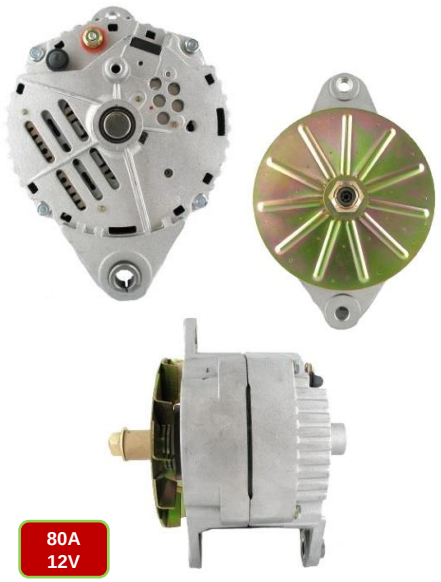
70A
12V

Informação Técnica

REFERÊNCIAS:
10459013, 10459017, 1191500DR, 1229700DR, 19010103, 19010181, 19010181+, 240848A, 645003100, 645003100030, 645003100390, 645003100510, 7662, 7662N, 90014105, UA1115IR

APLICAÇÕES:
CATERPILLAR
✓ Máquinas Industriais
JOHN DEERE
✓ Diversos Modelos
NEW HOLLAND (Ford/Fiat)
✓ Máquinas Industriais
VOLVO
✓ Camiões

Ref. 06.645003100R



80A
12V

Informação Técnica

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10463072, 10463072+, 112260, 213298, 213299, 240800, 3T7070, 423103C91, 424430C91, 590071C91, 645001080, 645001080030, 645001080510, 7138, 7138N, 802013403, 802013404, 90013071, 9L5938, OR5202, V1114261

APLICAÇÕES:
CATERPILLAR
✓ Máquinas Industriais

Ref. 06.645001080 ■ 06.112260

150A
12V

Informação Técnica

REFERÊNCIAS:
0124615043, 0124615043+, 0124615043ASS, 0124615043OR+, 0124615043R, 11204502, 12782, 12782N, 2205715, 285902, 635506150, 635506150010, 635506150014, 635506150210, 635506150215, 635506150990, 930834, 9990731F, AL166647, DRA0834, IA1545, LRA03290, MG467

APLICAÇÕES:
JOHN DEERE
✓ Equipamento Industrial

Ref. 06.635506150+ ■ 06.CGB-90156

150A
12V

Informação Técnica

REFERÊNCIAS:
0121541402, 0123515500, 0123515500+, 0123515500CO, 0123515500R, 0123515501, 0123515501CO, 0123515502, 0123515503, 0123515503CO, 0124515502, 0124615057, 0124615057ASS, 0124615057OR+, 0986047210, 284709, 2871A413, 635504150015, 635528150, 635528150010, 635528150014, 635528150015, 635528150210001, 635528150210002, 635528150210003, 635528150211, 635528150215, 635528150990, A0121541402, AL119537, AL171541, ALT1240, RE185213

APLICAÇÕES:
AGCO
✓ Tractor Allis
DEUTZ-FAHR KHD
✓ Industrial
FENDT
✓ Máquinas agrícolas
JCB
✓ Escavadoras
JOHN DEERE

Ref. 06.635504150+

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120A
12V

Informação Técnica

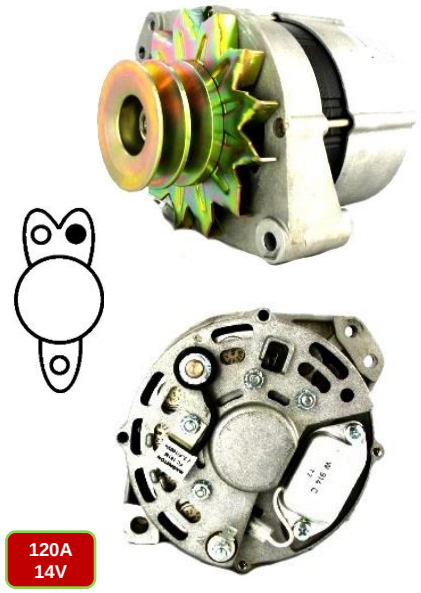
REFERÊNCIAS:
1002116030, 1002116031, 1002116050, 1002116050+, 1002116051, 1002116491, 156858, 281626, 635502120, 635502120050, 635502120400, LRA01308, RE37201, RE44140, RE51921, TNA012

APLICAÇÕES:

FERRARI
- ✓ 456

JOHN DEERE
- ✓ Serie 7000-8000

Ref. 06.635502120+



120A
14V

Informação Técnica

REFERÊNCIAS:
142000090195, 1420000901951, 1420000902951, 635008095, 635008095350, 90369506, 9515112

APLICAÇÕES:

CASE
- ✓ 170 CBX
- ✓ Máquinas agrícolas

Ref. 06.635008095 ■ 06.113552

115A
12V

Informação Técnica

REFERÊNCIAS:
0123512500, 0123512500+, 0123512500CO, 0124515126, 0124515126+, 0986046030, 11203204, 12370, 12370N, 2205015, 283843, 5816SP, 635006115, 635006115010, 635006115011, 635006115090, 635006115210, 635006115210001, 635006115215, 635006115310, 635006115311, 8EL737739001, 90156390, AL111676, AL114093, CA1493IR, DRB6030, HCA1493IR, IA1095, IA1095+, LRA01949, MG4

APLICAÇÕES:

JOHN DEERE

Ref. 06.635006115+

65A
12V

Informação Técnica

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0120488205, 0120488205+, 0120488205CO, 0120488205R, 0120488293, 0120489475, 0986040290, 11201595, 11201935, 12161, 12161N, 1223700BO, 20110305, 220345, 282574, 3911248, 3920679, 39206791, 3E7285, 448499, 5628SP, 635005065, 635005065010, 635005065090, 635005065210, 635005065210001, 635005065215, 635005065310, 635005065311, 635005065550, 8EL737217001, 90156170, 90156291, 9120060040, 9940290F, A181873, A186125, A187873, AAK1363, AAK3330, AAK3359, AAK4539, CA1197IR, DRB0290, F005A00023, HCA1197IR, IA0595, LRB00305, MG279, MG279+, RE533516, SE501387

APLICAÇÕES:

CASE
- ✓ 1000-1059 1990→
- ✓ 580 Cummins 6BT, 3.9, 4B 05/97→
- ✓ MAXUM 1150 E/1155 E, 5130/5140/5150

Ref. 06.635005065+ ■ 06.ABO1040

120A
12V

Informação Técnica

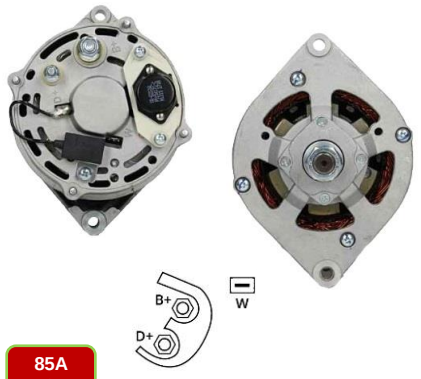
REFERÊNCIAS:
0120484027, 0120484027+, 0120484027CO, 12372, 20130210, 220386A, 286583, 2K39I, 2k39I, 2L24I, 635004120, 635004120010, 635004120015, 635004120210001, 635004120215, 635004120312, 90156418, 930043, 93586272, A00024, A00039, AH165975, ALT0511sa, ALT1263sa, ALT1266sa, ALT4055sa, CAL10355AS, CAL10355GS, DRA0043, E2L24I, EF33400, F005A00025, IA1382, IA1522, KTR1270008240, LRA03473, MG116, MG477

APLICAÇÕES:

CASE
- ✓ 100 Cummins 6BT 05/97→

JOHN DEERE

Ref. 06.635004120 ■ 06.635004095+



85A
12V

Informação Técnica

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0120484002, 0120484002CO, 0120484003, 0120484016, 0120484016CO, 0120484020, 0120484020+, 0120484020CO, 0120484020R, 0986036800, 12151, 12151N, 1243501BO, 220348A, 282544, 5264SP, 5439SP, 635002085, 635002085010, 635002085210, 635002085210001, 635002085210002, 635002085210003, 635002085215, 635002085311, 635002085550, 635002085551, 8EL731708001, 8EL731751001, 90156222, 90156297, 90295095, 9515361, 9936800F, AAK5197, AL60033, AL78690, AL81437, CA847IR, DRA3128, DRA6800, HCA847IR, HJA864IR, IA0989, JA864IR, LRA02688, LRB00294, MG251, SE501347

APLICAÇÕES:

CASE
- ✓ CVX 170

JOHN DEERE
- ✓ MD1065, MD1075, MD108 11/81→03/87

Ref. 06.635002085+

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95A
12V

Informação Técnica

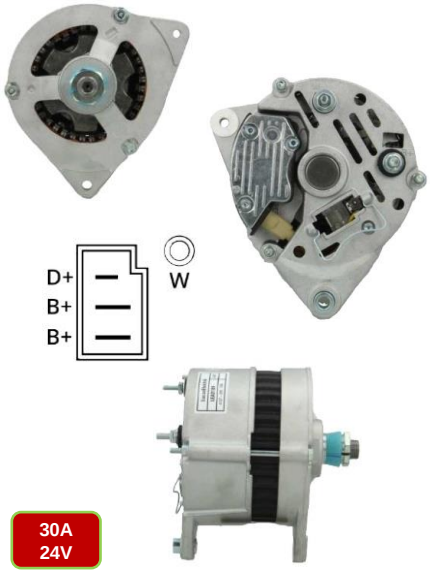
REFERÊNCIAS:
11201668, 11201738, 615003095, 615003095010, 615003095015, 615003095095, 615003095310, 615003095311, 7700042474, 7700046783, 7730046783, AAK5116, AAK5125, AAK5137, IA0668, IA0668+, IA0738, LRA01940, MG234

APLICAÇÕES:

RENAULT

✓	Tractores (c/ motor John Deere)	

Ref. 06.615003095 ■ 06.615003095+



30A
24V

Informação Técnica

REFERÊNCIAS:
0986080850, 24299, 24406, 280358, 5023SP, 54022415, 54022578, 54022711, 596002030, 596002030100, 596002030105, 596002030215, 596002030320, 596002030550, 8EL732875001, 933553, 9990485F, A1275524, A1275524+, AELB710R, ALT4063sa, CA1050IR, DRA3553, HCA1050IR, KTR1192004060, LEA0109, LRA935

APLICAÇÕES:

FORD

✓	Cargo 24V	03/91→

Ref. 06.596002030

90A
12V

Informação Técnica

REFERÊNCIAS:
063341711010, 0986049750, 20110456, 283978, 595590090, 595590090015, 595590090050, 595590090055, 595590090260, 595590090260001, 595590090260101, 595590090265, 595590090310, 595590090550, 6092SP, 63321711, 63321711+, 63321711B, 63321711CO, 63321711R, 63321711SP, 63341711, 8EL737957001, 9090233F, 934077, 934077X, AAK5597, CA1649IR, DRA4077, HCA1649IR, LRB00456, YS6110300BB, YS6110300BF

APLICAÇÕES:

FORD

✓	Fiesta 1.8TD	01/99→12/02

Ref. 06.595590090OE

70A
12V

Informação Técnica

REFERÊNCIAS:
01243007, 0986080700, 1140138, 274847, 2S6T10300CB, 2S6T10300CC, 2S6T10300CD, 2S6T10300DE, 595588070, 595588070001002, 595588070130, 595588070265, 595588070370, 595588070370101, 595588070415, 595588070550, 595588070750, 6170SP, 8EL012430071, 8EL738085001, 934245, A005TA7692, A5TA7692, A5TA7692+, A5TA7692CO, A5TA7692R, A5TA7692SP, C20118300, CA1737IR, DRA4245, HCA1737IR, LRA01172, N5113062, OAN10219, TRA215

APLICAÇÕES:

FORD

✓	Fiesta 1.4 16V	11/01→
✓	Fiesta 1.6 16V	11/01→
✓	Fiesta 1.2 16V	05/02→
✓	Fusion 1.4	08/02→
✓	Fusion 1.6	08/02→

MAZDA

✓	2 1.4	04/03→

Ref. 06.595588070

150A
12V

Informação Técnica

REFERÊNCIAS:
1704769, 286580, 30659390, 31266149, 31285659, 36001501, 36012505, 439906, 440576, 595584150, 595584150004, 595584150500, 595584150500001, 595584150500002, 595584150500003, 595584150500004, 595584150500101, 595584150500102, 595584150501, 595584150505, 595584150506, 595584150750, 595584150990, 612673, 613128, 6906234, 6906286, 9090581F, 930783, 930873, AV6N10300GB, AV6N10300GC, AV6N10300GD, DRA0783, DRA0873, LRA03470, OAN12652, TG15C169, TG15C169CO, TG15C169R, TG15C169SP, TG15C183, TG15C183CO, TG15C183R, TG15C183SP, TG15C186, TG15C186ASS, TG15C186CO, TG15C186OR+, TG15C214, TG15C214CO, TG15C234, TG15C234CO

APLICAÇÕES:

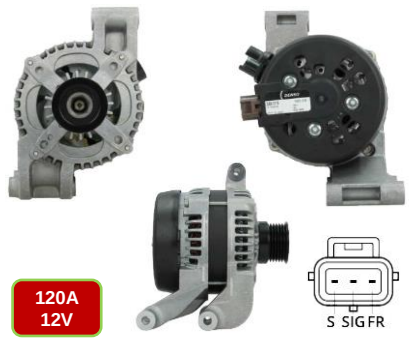
FORD

✓	C-MAX 1,6 TDCI	2010→

VOLVO

✓	S60 1.6D	01/11→
✓	V60 1.6	06/11→

Ref. 06.595584150OR+ ■ 06.595584150OE



120A
12V

Informação Técnica

REFERÊNCIAS:
0986049670, 1042103760, 1042103760ASS, 1042103760OR+, 1042103761, 1042103761CO, 1042103761R, 1042103762, 1042103762CO, 1042103762SP, 1042105790, 1042105790CO, 1042105790SP, 1256552, 1530299, 1748625, 23839N, 274956, 30667071, 30795494, 36002574, 3M5T10300VA, 3M5T10300VB, 3M5T10300VC, 3M5T10300VD, 440431, 5190291202, 595575120, 595575120054, 595575120260, 595575120260001, 595575120260002, 595575120260003, 595575120260101, 595575120260102, 595575120265, 595575120550, 595575120750, 595575120751, 595575120990, 6316SP, 8251655, 8603271, 8688170, 8EL738211491, 9090467F, 930119, ALT6098sa, ALT6137sa, CA1864IR, DAN1016, DRA0119, HCA1864IR, KTR1191150240, LRA02839, OAN10242, OAN12682, RE3M5T10300VD

APLICAÇÕES:

FORD

✓	Focus C-MAX 1.8	01/03→
✓	Focus C-MAX 2.0	01/04→

VOLVO

✓	V50 1.8	01/03→

Ref. 06.595575120OE

*As marcas e números originais servem apenas como referência, excepto onde mencionadas como tal.

150A
12V

Informação Técnica

REFERÊNCIAS:

1420869, 1490845, 2015001030, 2015001030CO, 2015001031, 286615, 595569150, 595569150230, 595569150230001, 595569150235, 595569150550, 595569150750, 6G9N10300TA, 6G9N10300TC, 6G9N10300TD, 6G9N10300TDR, 8EL012240521, 9090472F, 930296, DRA0296, LRA03505, OAN12672

APLICAÇÕES:

FORD

✓ Galaxy 1.8TDCI, Mondeo 1.8TDCI, S-MAX 1.8TDCI 03/06→

Ref. 06.595569150R ■ 06.595569150HC

150A
12V

Informação Técnica

REFERÊNCIAS:

01210AA7RB, 0121615005, 0121615005ASS, 0121615005CO, 0121615005OR+, 0121615005R, 0121615005SP, 0121615105, 0986047930, 1296301BO, 1379701, 1388004, 1425016, 2205625, 23976, 285590, 30667118, 36000037, 595565150, 595565150014, 595565150210, 595565150210001, 595565150210101, 595565150215, 595565150550, 595565150750, 595565150990, 6419SP, 6G9N10300HA, 6G9N10300HB, 6G9N10300HC, 6G9N10300HD, 6G9N10399HB, 8EL738212041, 9090671F, 930057, 930063, CA1968IR, DRA0057, F042205205, HCA1968IR, LRA02976, OAN12698

APLICAÇÕES:

FORD

✓ Mondeo 2.5 03/07→

✓ S-MAX 2.5 ST 05/06→

VOLVO

✓ V70 2.4D 03/06→

✓ V70 2.5T, XC70 2.4 D5 AWD 08/07→

Ref. 06.595565150+ ■ 06.595565150OR+

150A
12V

Informação Técnica

REFERÊNCIAS:

0121615008, 0121615008+, 0121615008ASS, 0121615008CO, 0121615008OR+, 0121615008SP, 0121615108, 0986048380, 1296401BO, 1420871, 1757316, 2205624, 23979, 23979N, 285593, 595562150, 595562150010, 595562150014, 595562150210, 595562150210001, 595562150210101, 595562150550, 595562150750, 595562150990, 6370SP, 6G9N10300UA, 6G9N10300UB, 6G9N10300UC, 6G9N10300UD, 8EL738211921, 9048380F, 948380, CA1919IR, DRB8380, DRB8380N, HCA1919IR, LRA02979, OAN11585

APLICAÇÕES:

FORD

✓ Galaxy 1.8 TDCI 05/06→

✓ Mondeo 1.8 TDCI 03/07→

✓ S-MAX 1.8 TDCI 05/06→

Ref. 06.595562150+

150A
12V

Informação Técnica

REFERÊNCIAS:

986083620, 114805, 1678607, 1678608, 286665, 31419219, 439907, 439912, 439913, 440577, 440578, 440588, 595560150, 595560150004, 595560150500, 595560150501, 595560150505, 595560150990, 610692, 610695, 610813, 617050, 9090580F, AG9T10300AA, AG9T10300CA, LRA03555, TG15C174, TG15C174ASS, TG15C174OR+, TG15C174R, TG15C176

APLICAÇÕES:

FORD

✓ S-MAX

Ref. 06.595560150+ ■ 06.595560150OR+

130A
12V

Informação Técnica

REFERÊNCIAS:

1229421, 1376696, 1429689, 1464784, 1477972, 2015001009, 23852N, 23852R, 274968, 2T1U10300CA, 2T1U10300CACO, 2T1U10300CB, 2T1U10300CB+, 2T1U10300CBASS, 2T1U10300CBCO, 2T1U10300CBOR+, 2T1U10300CBR, 2T1U10300CC, 2T1U10300CCCO, 2T1U10300CD, 2T1U10300CE, 2T1U10300CECO, 2T1U10300CF, 2T1U10300CFCO, 2T1U10300CG, 2T1U10300CGCO, 4063889, 4531026, 595552124, 595552130, 595552130020, 595552130024, 595552130025, 595552130230, 595552130230001, 595552130230002, 595552130230003, 595552130230004, 595552130230005, 595552130230006, 595552130235, 595552130750, 595552130990, 934237, DRA4237, DRA4237N, LRA02852, OAN10320

APLICAÇÕES:

FORD

✓ Tourneo Connect 1.8Di 09/02→

✓ Transit Connect 1.8Di 09/02→

Ref. 06.595552130+

80A
12V

Informação Técnica

REFERÊNCIAS:

1140135, 1545138, 2015001034, 2015001034CO, 274838, 2S6T10300AA, 2S6T10300AA+, 2S6T10300AACO, 2S6T10300AAOR+, 2S6T10300AAR, 2S6T10300AB, 2S6T10300AC, 2S6T10300ACCO, 3S6T10300AD, 3S6T10300ADCO, 595547080, 595547080020, 595547080024, 595547080025, 595547080230, 595547080230001, 595547080230002, 595547080230003, 595547080230004, 595547080235, 595547080550, 6233SP, 738187001, 8EL011710771, 8EL738187001, 9090240F, 934247, CA1777IR, DRA4247, HCA1777IR, LRA02338, LRA02562

APLICAÇÕES:

FORD

✓ Fiesta 1.4 TDCi 11/01→

✓ Fusion 1.4 TDCi 08/02→

MAZDA

✓ 2 1.4 TDCi 04/03→

Ref. 06.595547080OE ■ 06.595547080HC

*As marcas e números originais servem apenas como referência, excepto onde mencionadas como tal.

60A
12V

Informação Técnica

REFERÊNCIAS:

284526, 3821976M92, 595538120, 595538120090, 595538120260001, 595538120311, 63321817, 63321817CO, AAK5193, AAK5195, AAK5323, AAK5562, IA0970, IA0970+, LRA02087, MG308

APLICAÇÕES:

NEW HOLLAND (Ford/Fiat)

✓ Industrial

Ref. 06.595538120+

105A
12V

Informação Técnica

REFERÊNCIAS:

063377407010, 0986080440, 1022118350, 1022118351, 1022118352, 1022118352CO, 1022118352SP, 1022118353, 1022118353R, 1022118353SP, 1022118354, 1022118354CO, 1022118354SP, 1022118355, 1022118355CO, 1022118355SP, 1022118356, 1305962, 1322573, 1511220, 1708472, 24013N, 2718109, 275625, 2905618, 311H10300AA, 3N1110300AA, 3N1110300AB, 3N1110300AC, 3N1110300AD, 3N1110300AE, 3N1110300AF, 3N1110300AG, 3N1110300EB, 3N1H10300AA, 595520105, 595520105003, 595520105050, 595520105103, 595520105104, 595520105260, 595520105260001, 595520105260002, 595520105260100, 595520105261, 595520105261100, 595520105262, 595520105265, 595520105415, 595520105500, 595520105550, 595520105750, 63377407, 63377407+, 6376SP, 8EL012428421, 8EL738211931, 9090566F, 930062, 930062X, ALT6549sa, CA1925IR, DAN588, DRA0062, HCA1925IR, KTR1191040210, LRA03013, MAN7407, MS1022118350, MS1022118351, MS1022118352, OAN11649, TG9S054, TG9S154, TRA014

APLICAÇÕES:

FORD

✓ Focus 1.6, 2.0 08/99→

Ref. 06.595520105+

110A
12V

Informação Técnica

REFERÊNCIAS:

0124325100, 0124325100+, 0124325100CO, 0124325100P++, 0124325100R, 0124325248, 0986045370, 1272401BO, 1498518, 2015001007, 2015001007CO, 21891, 21891N, 2205315, 284645, 2C1T10300BA, 2C1T10300BB, 4112235, 437659, 440259, 4461712, 595519110, 595519110010, 595519110011, 595519110025, 595519110210, 595519110210001, 595519110215, 595519110230, 595519110230001, 595519110550, 595519110750, 6235SP, 8EL738189001, 9045370F, CA1779IR, DRB5370, DRB5370N, HCA1779IR, KTR1191038220, LRB00444, OAN10326, YC1U10A352BA

APLICAÇÕES:

FORD

✓ *Transit VI 2.0DI, 2.4DI 01/00→

Ref. 06.595519110+

75A
12V

Informação Técnica

REFERÊNCIAS:

0124315019, 0124315019+, 0124315019CO, 0124315019R, 0124315027, 0124315027CO, 0986042650, 20110443K, 21890, 21891N0G, 21891N7GL, 21891N7GZ, 2205314, 283875, 285688, 2C3U10300BB, 2C3U10300BBCO, 4069776, 4098414, 4332279, 4362258, 437690, 595519075, 595519075010, 595519075210001, 595519075210002, 595519075215, 595519075230, 595519075230001, 595519075230002, 595519075230003, 595519075230004, 595519075230005, 595519075550, 595519075900, 6074SP, 8EL737930001, 90025123, 9042650F, ALT1815, B120416351, CA1639IR, DRB2650, DRB2650N, F032UA0055, F032UA0055K2G, HCA1639IR, LRA03076, LRB00443, YC1T10300AC, YC1T10300BC, YC1T10300BCCO, YC1T10300BD, YC1T10300BE, YC1T10300BG, YC1T10300BH, YC1T10300BJ, YC1U10300DA, YC1U10300DACO, YC1U10300DB, YC1U10300DBCO, YC1U10300EA, YC1U10300EACO, YC1U10300EC

APLICAÇÕES:

FORD

✓ Focus 08/99→

✓ Transit Turbo Diesel 01/00→

Ref. 06.595519075R ■ 06.595519075+

150A
12V

Informação Técnica

REFERÊNCIAS:

01210AA7NB, 0121615009, 0121615009ASS, 0121615009OR+, 0121615009R, 01243038, 0986047960, 114724, 1376501, 1387927, 1506300, 23953, 23953N, 285567, 595515150, 595515150014, 595515150210, 595515150215, 595515150550, 595515150750, 595515150990, 6421SP, 6G9N10300XA, 6G9N10300XB, 6G9N10300XC, 8EL012430381, 8EL738212441, 9090357F, 930213, 930213N, CA1970IR, DRA0213, DRA0213N, HCA1970IR, LRA02953, OAN12314

APLICAÇÕES:

FORD

✓ Galaxy 2.0 TDCI, S-MAX 2.0 TDCI 01/06→12/10

Ref. 06.595515150OR+ ■ 06.595515150+

150A
12V

Informação Técnica

REFERÊNCIAS:

01210AA7NB, 0121615009, 0121615009ASS, 0121615009OR+, 0121615009R, 01243038, 0986047960, 114724, 1376501, 1387927, 1506300, 23953, 23953N, 285567, 595515150, 595515150014, 595515150210, 595515150215, 595515150550, 595515150750, 595515150990, 6421SP, 6G9N10300XA, 6G9N10300XB, 6G9N10300XC, 8EL012430381, 8EL738212441, 9090357F, 930213, 930213N, CA1970IR, DRA0213, DRA0213N, HCA1970IR, LRA02953, OAN12314

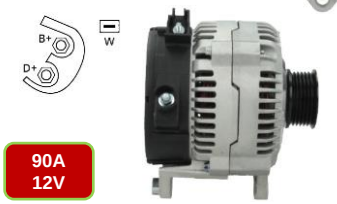
APLICAÇÕES:

FORD

✓ Galaxy 2.0 TDCI, S-MAX 2.0 TDCI 01/06→12/10

Ref. 06.595514095R

* As marcas e números originais servem apenas como referência, excepto onde mencionadas como tal.



90A 12V

Informação Técnica

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0123212001, 0123212001+, 0123212001CO, 0123212001R, 0763341345, 0986038030, 111427, 11209013, 20100960, 20969, 20969N, 2205223, 2641SP, 281823, 436685, 5028055, 595503090, 595503090010, 595503090210, 595503090210001, 595503090215, 595503090310, 595503090370, 595503090550, 6917885, 8EL730029001, 9038030F, 9090014F, 93BB10300AD, 93BB10300AE, 93BB10300AG, 93BB10300CC, 93BB10300CD, 93BB10300CE, 93BB10300FA, 93BB10300FB, A004T01591, A4T01591, CA731IR, DAN537, DRA3295, EGL1270R, HCA731IR, IA209013, IA9013, LRA00960, LRA960, R93BB10300AE, R93BB10300AG, W27113

APLICAÇÕES:

FORD

- ✓ Mondeo 1.6i, 1.8i, 2.0i 02/93→05/97

Ref. 06.595503090

70A 12V

Informação Técnica

REFERÊNCIAS:
0123310014CO, 0986036690PV6, 0986036701, 1053656, 1074633, 11201992, 11201993, 20110198, 282704, 437427, 5009, 5026722, 5029628, 5054, 5054SP, 5271, 5271SP, 595502070, 595502070050, 595502070055, 595502070210001, 595502070260, 595502070260001, 595502070260002, 595502070260003, 595502070260004, 595502070265, 595502070266, 595502070310, 595502070311, 595502070312, 595502070360, 595502070370001, 595502070370002, 595502070370003, 595502070370004, 595502070370101, 595502070375, 595502070550, 595502070551, 595502070900, 63320531, 63321257, 63321257CO, 63321425, 63321666, 63321666CO, 63321666R, 63321695, 63321695+, 63321695CO, 63341666, 63341666CO, 63341695, 8EL731717001, 8EL737032001, 9036701F, 91FF10300JA, 91FF10300JB, 95FF10300AA, 95FF10300AB, 95FF10300AC, 95FF10300AD, A002T14591, A002T14592, A002T28792, A002TA2292, A002TA2392, A2T14591, A2T14591R, A2T14592, A2T14592CO, A2T28792, A2T28792CO, A2TA2292, A2TA2292CO, A2TA2292SP, A2TA2392, A2TA2392CO, ALT4222, ALT9018sa, CA1083IR, CA856IR, DAN504, DRA3428, EGL1243R, F032UA0013, F032UA0013K4H, F042A07016, F042A07016FDB, HCA1083IR, HCA856IR, IA0992, IA0993, KTR1191004140, LRB00260, LRB172, LRB243, LRB260, MAN833, MG231, MG390, MSY633416950, R91FF10300JA, R95FF10300AC, TA000A56301, W27119, W27439

APLICAÇÕES:

FORD

- ✓ Escort 1.8D, 1.8 Turbo Diesel 01/95→
- ✓ Escort 1.8 Turbo Diesel 10/98→07/00
- ✓ Mondeo 1.8 Turbo Diesel 05/95→07/96

Ref. 06.595502070

80A 12V

Informação Técnica

REFERÊNCIAS:
47020054, 47020056, 47020058, 47020062, 47020063, 47020069, 595034080, 595034080320, 66021588, LEA0438, LRA517M

APLICAÇÕES:

LISTER

- ✓ Marine, Motor

Ref. 06.595034080OE ■ 006.113713

80A 12V

Informação Técnica

REFERÊNCIAS:
111509, 11201832, 112112, 280533, 2871A145, 47020055, 47020057, 47020059, 47020065, 47020067, 47020068, 47020084, 47020086, 47020088, 47020089, 510822, 510823, 595033080, 595033080100, 595033080311, 595033080320, 90059174, 9AR2734P, 9AR2744P, 9AR2746P, 9AR2747P, 9AR2854P, AAK3301, CA1201IR, IA0832, LEA0437, LRA01178, LRA604M, LRA604M+, MG159

APLICAÇÕES:

FORD

- ✓ ESCORT 1.4, 1.3 86→91
- ✓ ESCORT IV, V, VI 1.4, 1.3
- ✓ ORION I, II, III 1.4, 1.6

LAND ROVER

- ✓ RANGE ROVER 3.5

Ref. 06.595033080

70A 12V

Informação Técnica

REFERÊNCIAS:
0986036040, 0986036041, 1042124403, 111176, 11201824, 1659058, 24217, 24221, 24334, 24403, 281628, 283904, 437091, 437111, 437380, 5027845, 5149SP, 5209, 5209SP, 54022187, 54022198, 54022251, 54022275, 54022281, 54022312, 54022314, 54022314B, 54022314CO, 54022317, 54022317CO, 54022474, 54022474CO, 54022570, 54022574, 54022584, 5402260200, 54022611, 54022614, 54022652, 54022665, 54022716, 595023070, 595023070100, 595023070105, 595023070260, 595023070261, 595023070310, 595023070311, 595023070312, 595023070320, 595023070320001, 595023070320002, 595023070320003, 595023070325, 595023070550, 595023070551, 595023070552, 595023070900, 595023070901, 595023070902, 61920177, 86AB10300AAA, 89FF10300EC, 8EL725851001, 8EL730015001, 90178075, 9036041F, 9036191F, 933274, 933777, 933957, ALT4030, ALT4030F, ALT4030FP, ALT4049sa, AMR3412, AMR3412E, CA1508IR, CA560IR, CA717IR, DAN005, DRA3274, DRA3429, DRA3777, F032UA0011, F032UA0011K2F, F042A06016, F042A06016FEB, F042A06018, F042A06018FEB, F042A06019, F042A06019FEB, HCA560IR, HCA717IR, IA0824, IA0893, KTR1190046140, LEA0049, LRA00496, LRA00517, LRA02762, LRA517, LRA517+, LRA517R, LRB128, LRB158, MAN185, MAN753, MAR650, MAR652, MG107, R86AX10300AAA, V89AB10300AA, W27360, YLE10105, YLE102200

APLICAÇÕES:

DAIMLER

- ✓ Sovereign 4.2 01/76→01/82
- ✓ Vanden Plas 01/79→01/82

FORD

- ✓ Capri 1.3, 1.6, 2.0 11/81→04/87
- ✓ Escort 1.6 D 04/84→01/89
- ✓ Escort 1.8 D 01/89→12/94
- ✓ Escort 1.8 Turbo Diesel 01/95→
- ✓ Fiesta 1.4, 1.6 03/89→12/95
- ✓ Fiesta 1.6 D 04/84→02/89
- ✓ Fiesta 1.8 D. RTC, RTD 03/89→09/95
- ✓ Fiesta XR2i 01/89→12/95
- ✓ Granada 1.6, 1.7, 1.9, 2.1, 2.5D 08/77→08/85
- ✓ Orion 1.6 D 04/84→01/89
- ✓ Orion 1.8 D RTA, RTC 01/89→12/93
- ✓ Sierra 1.6, 1.8, 2.0 08/82→10/84
- ✓ Sierra 1.8 Diesel (Turbo) 08/88→02/93
- ✓ Sierra 2.3 D 01/87→09/89
- ✓ Taunus 1.3, 1.6, 2.0 4cyl 12/75→08/82
- ✓ Transit 04/78→12/91

JAGUAR

- ✓ XJ6 01/76→01/82

LAND ROVER

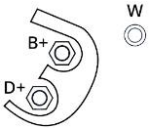
- ✓ Defender 110 2.5 TD5, Defender 90 2.5 TD5, Discovery 200 TDi, 300 TDi, Range Rover, Range Rover 2.5 (T)D

ROVER

- ✓ 214 14K 12/89→08/96
- ✓ 220, 420, 620, 820 2.0 (Turbo), 2.0 16V, 90, 92
- ✓ 2300, 2600 01/77→01/81
- ✓ 2400 Turbo Diesel 01/82→
- ✓ 414 1400 01/94→

Ref. 06.595023070+

* As marcas e números originais servem apenas como referência, excepto onde mencionadas como tal.



70A
12V

Informação Técnica

REFERÊNCIAS:

0120488228, 0120488286, 0120489346, 0120489347, 0754022604, 0754022618, 0986034470, 0986044751, 1005351, 110891, 11201581, 113624, 12164N, 23967, 24091, 24206, 24220, 24229, 24233, 280717, 3426SP, 436774, 436775, 5016015, 5023531, 54022158, 54022197, 54022419, 54022419A, 54022419CO, 54022604, 595022070, 595022070100, 595022070105, 595022070106, 595022070311, 595022070320, 595022070320001, 595022070325, 595022070380, 595022070550, 595022070551, 595022070552, 595022070750, 595022070751, 6136957, 6148SP, 61920176, 66021238, 86AB10300MA, 86AB10300MB, 86AB10300NA, 86AB10300NB, 86AB10346MA, 86AX10300MB, 8EL725727001, 8EL737801001, 8EL738048001, 9034470F, 91AX10300TA, 933434, 933588, 934470, 943356204, 96AC10300AA, A12770, AAK4526, ALT1176sa, ALT9050sa, CA1554, CA1554IR, CA1691IR, CA325IR, CA628IR, DRA3434, DRA3588, DRA4025, DRA4470, EGL220, EGL220R, EL21238, HCA1554IR, HCA1691IR, HCA325IR, IA0581, KTR11190044140, LEA0046, LRA00604, LRA582, LRA604, LRA604+, LRA604R, MAN182, MAN662, MG241, OAN10108, OAN10850, PRA604, R86AX10300MB, S90SA, W26054, YLE10088

APLICAÇÕES:

FORD

✓	Cortina 1.3, 1.6	
✓	Escort 1.3i	07/90→12/94
✓	Escort 1.4, 1.6	01/86→12/94
✓	Escort 1.4i	08/87→12/94
✓	Escort 1.6i	01/86→09/92
✓	Escort RS2000 DOHC-EFI 16V	05/91→
✓	Fiesta 1.0, 1.1, 1.3	02/84→01/86
✓	Fiesta 1.3 i	06/91→09/95
✓	Fiesta 1.4, 1.6	
✓	Orion 1.3, 1.4, 1.6	10/87→07/90
✓	Orion 1.6	04/86→07/90
✓	Tractor	

MASSEY FERGUSON

✓	Industrial	

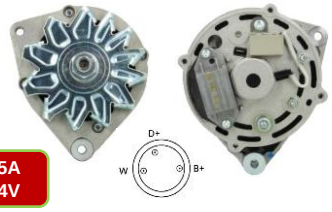
MAZDA

✓	Soho 1.4	

MINI

✓	Cooper	

Ref. 06.595022070OE ■ 06.595022070+



35A
24V

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APLICAÇÕES:

ATLAS

✓	2002, 2502, 2502B	

BOSCH

✓	Ddod [Khd] 8.0, 9.6	04/82→02/88

DEUTZ-FAHR

✓	DL1300	

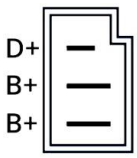
LIEBHERR

✓	Diversos modelos de camiões	

MERCEDES

✓	Diversos modelos de camiões	

Ref. 06.586002035



55A
12V

Informação Técnica

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APLICAÇÕES:

DAIMLER

✓	Sovereign 4.2	01/76→01/82
✓	Vanden Plas	01/79→01/82

FORD

✓	Cortina 2.0, 3.0, Granada 2.0 6cyl, 3.0, Meteor 1.4, 1.6, Sierra 2.0, 2.3 V6, Sierra 3.0	
✓	Capri 1.3, 1.6, 2.0	11/81→04/87
✓	Courier 1.8D, 1.8D	→01/96
✓	Escort 1.6D, Orion 1.6	04/84→01/89
✓	Escort 1.8D	01/89→12/94
✓	Escort 1.8 Turbo Diesel	01/95→
✓	Fiesta 1.6D	04/84→02/89
✓	Fiesta 1.8D.	03/89→09/95
✓	Fiesta XR2i	01/89→12/95
✓	Granada 1.6, 1.7, 1.9, 2.1, 2.5D	08/77→08/85
✓	Orion 1.8D	01/89→12/93
✓	Sierra 1.6, 1.8, 2.0	08/82→10/84
✓	Sierra 1.8 Diesel (Turbo)	08/88→02/93
✓	Sierra 2.3D	01/87→09/89
✓	Taunus 1.3, 1.6, 2.0 4cyl	12/75→08/82
✓	Transit	04/78→12/91

JAGUAR

✓	XJ6	01/76→01/82
✓	XJ6 3.4, 4.2	

LAND ROVER

✓	90, 110 3.5	
✓	Range Rover 3.5, 3.9, 4.2, 4.6 V8	

LANDINI

✓	6055	

MAZDA

✓	B3000	

ROVER

✓	111, 114 1100	01/90→
✓	2300, 2600	01/77→01/81
✓	2400 Turbo Diesel	01/82→

Ref. 06.595002055

* As marcas e números originais servem apenas como referência, excepto onde mencionadas como tal.

130A 24V

Informação Técnica

REFERÊNCIAS:

20243, 21056611, 21333104, 486647, 576510130, 576510130134, 576510130370, 576510130370001, 576510130370002, 576510130375, 576510130990, 7421056611, 931079, A004TR5891, A004TR5891ZR, A004TR5891ZT, A004TR5891ZTR, A004TR5892, A004TR5892ZT, A004TR5893, A004TR5893ZT, A004TR5894, A004TR5894ZT, A4TR5891, A4TR5891ASS, A4TR5891OR+, A4TR5891ZT, A4TR5891ZTCO, A4TR5892, A4TR5892ZT, A4TR5893, A4TR5893ZT, A4TR5893ZTCO, A4TR5894, A4TR5894ZT, DRA1079, LRA03537

APLICAÇÕES:

RENAULT

- ✓ Diversos modelos de camiões

Ref. 06.576510130OE

80A 24V

Informação Técnica

REFERÊNCIAS:

0120468140, 0120468140+, 0120468140CO, 0120468140R, 0120468154. 0120468154CO, 0120468162, 02468140, 0986042350, 19070065, 1986A00161, 1986A00162, 2205341, 23502, 2542471, 483736, 5001838198, 5001859216, 5006143948, 5010306007, 5010306801, 5010480878, 576002080, 576002080010, 576002080015, 576002080210, 576002080210001, 576002080210002, 576002080211, 576002080212, 576002080215, 576002080380, 576002080550, 5763SP, 737661001, 7485003228, 860561, 8EL012584181, 8EL737661001, 942350, 9942350F, CA1456IR, DRB2350, HCA1456IR, LRA02502

APLICAÇÕES:

RENAULT

✓	RVI Kerax	06/97→
✓	RVI Magnum	09/96→
✓	RVI Midliner	05/96→01/00
✓	RVI Midlum	01/00→
✓	RVI Premium	04/96→

Ref. 06.576002080+ ■ 06.112189

120A 12V

Informação Técnica

REFERÊNCIAS:

0986084060, 231002949R, 575951120, 575951120010, 575951120210, 575951120210101, 575951120215, 931367, DRA1367, F000BL0703, F000BL0719, F000BL0719+, F000BL0719R, F000BL0719SP

APLICAÇÕES:

DACIA

✓	Dokker 1.5DCi	12/12→
✓	Lodgy 1.5DCi	

Ref. 06.575951120ROE ■ 06.23975N

185A 12V

Informação Técnica

REFERÊNCIAS:

0986083560, 1202345, 20389, 231001822R, 231001822RA, 231002179R, 286706, 575937185, 575937185130, 575937185265, 575937185370, 575937185370001, 575937185370101, 575937185410, 930977, 93168346, 95515975, A003TX0481, A003TX0481SP, A3TX0481, A3TX0481+, A3TX0481AM, A3TX0481B, A3TX0481CO, A3TX0481R, CA2186IR, DRA0977, LRA03596, TNA024

APLICAÇÕES:

RENAULT

- ✓ Master 2.3 DCi

Ref. 06.575937185T

120A 12V

Informação Técnica

REFERÊNCIAS:

2606154, 286536, 439662, 440247, 575924120, 575924120004, 575924120500, 575924120505, 575924120550, 606154, 8200849752, 931195, CA2101IR, DRA1195, LRA03424, TG12C077, TG12C077OR+, TG12C077R

APLICAÇÕES:

RENAULT

✓	Megane 1.9DCI	11/08→
✓	Scenic 1.9DCI	02/09→

Ref. 06.575924120OE

150A 12V

Informação Técnica

REFERÊNCIAS:

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APLICAÇÕES:

RENAULT

✓	Espace 2.0 DCI, Laguna 2.0 DCI, Vel Satis 2.0 DCI	01/06→
✓	Trafic 2.0 DCI	08/06→

Ref. 06.575909150

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150A 12V

Informação Técnica

REFERÊNCIAS:
1042103180, 1042103180+, 1042103181, 286686, 575903150, 7701064980, 7701066397, 8201268242, 8973089961, 8980337860, 931134, DRA1134, LRA03576

APLICAÇÕES:

RENAULT

✓ Vel Satis 3.0 DCI

Ref. 06.575903150+

120A 12V

Informação Técnica

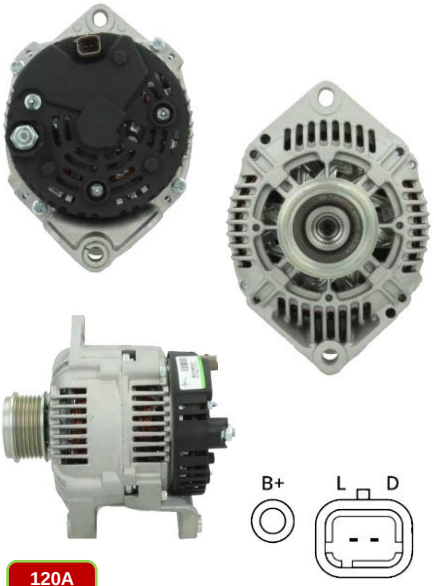
REFERÊNCIAS:
2542645A, 2542646, 2542646C, 2542646E, 284787, 437408, 437443, 439448, 439480, 542645, 575599120, 7711135504, 8200128429, 8200159642, 9090373F, A13VI297, CAL15296, DRA0049, LRA02299, SG10B032

APLICAÇÕES:

RENAULT

✓ Kangoo 1.9 DCI 01/00→

Ref. 06.575599120OE



120A 12V

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APLICAÇÕES:

RENAULT

✓ Kangoo 1.9 DCI 01/00→

Ref. 06.575599120+

90A 12V

Informação Técnica

REFERÊNCIAS:
2543486, 2543509A, 439625, 440185, 543509, 575596090, 8200654541, 9090489F, TG9B041, TG9B042

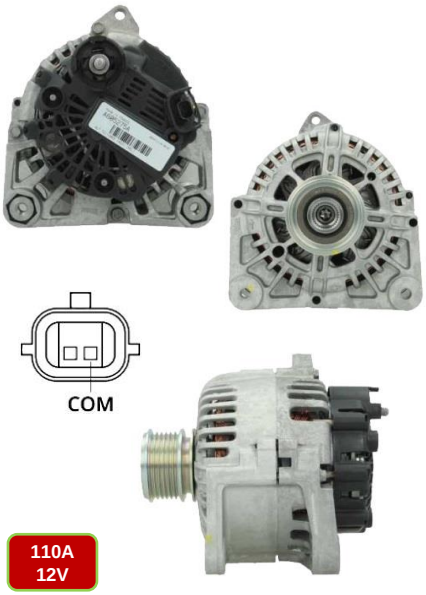
APLICAÇÕES:

RENAULT

✓ Clio 1.2 06/05→

✓ Twingo 1.2 05/96→

Ref. 06.575596090ROE ■ 06.575596090OE



110A 12V

Informação Técnica

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APLICAÇÕES:

RENAULT

✓ Kangoo 1.6 16V 02/08→

Ref. 06.575593110R ■ 06.575593110+

150A 12V

Informação Técnica

REFERÊNCIAS:
0124525082, 0124525140, 0124525208, 0124525540, 0986080400, 2205517, 2310000Q0M, 2310000Q2J, 23100JD10A, 23884, 23884N, 285501, 575589150, 6335SP, 8200390667, 8200728292, 8200992211, 9090556F, 930604, ALT2097W, CA1876IR, DRA0104, DRA0604, F042A01113, F042A01113FDB, HCA1876IR, LRA02884, N5111117

APLICAÇÕES:

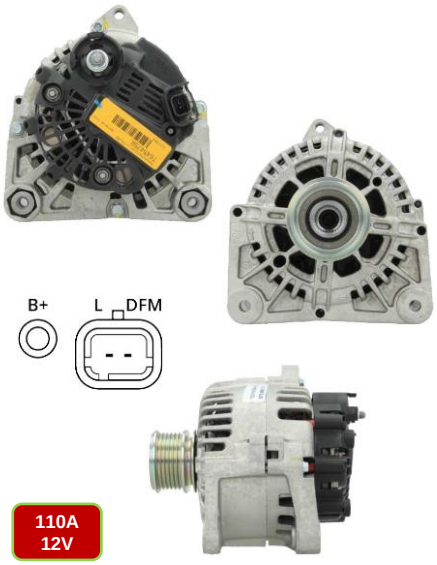
RENAULT

✓ Megane 1.5 DCi 05/05→

✓ Scenic 1.5 DCI 05/05→

Ref. 06.575589150OE ■ 06.575589150HC

*As marcas e números originais servem apenas como referência, excepto onde mencionadas como tal.



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APLICAÇÕES:

RENAULT

✓	Kangoo 1.5 DCi	06/05→
✓	Megane 1.5 DCi	05/05→
✓	Scenic 1.5 DCi	05/05→

Ref. 06.575568110 ■ 06.575588110+

150A 12V

Informação Técnica

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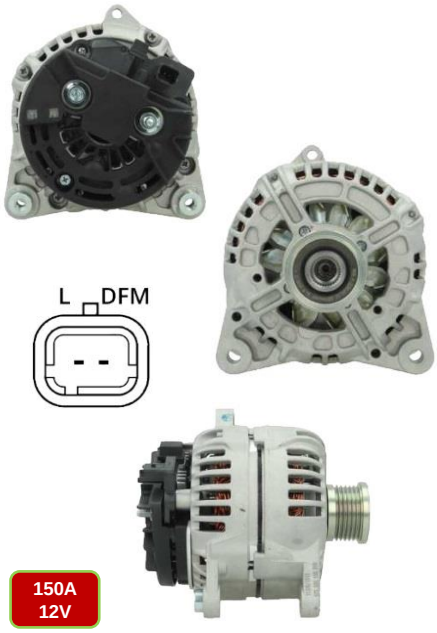
APLICAÇÕES:

RENAULT

✓	Laguna 1.9 DCi	01/05→

Ref. 06.575581150OR+



150A 12V

Informação Técnica

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APLICAÇÕES:

RENAULT

✓	Laguna 1.9 dCi	06/01→

Ref. 06.575580150+ ■ 06.575580150R

95A 12V

Informação Técnica

REFERÊNCIAS:
0986080960, 2542422, 2543553A, 285862, 437373, 439417, 543553, 575578095, 7700437090, 7711134753, 8200660044, 9090393F, 934074, CA1976IR, DRA4074, HCA1976IR, LRA03250, N5111130, SG9B035, SG9B107, SG9B120, SG9B133

APLICAÇÕES:

RENAULT

✓	Clio 1.2 16V	06/01→
✓	Kangoo 1.2 16V	06/01→

Ref. 06.575578095OE

98A 12V

Informação Técnica

REFERÊNCIAS:
0124415013, 0124415014, 0124415040, 0124415045, 0124415046, 0986042770, 0986042771, 2205122A, 440062, 575571098, 5778SP, 746103, 7700101274, 7700429310, 7700434900, 7701473636, 7701477712, 8200692865, 8253507, 9042770F, ALT1203sa, CA1470IR, DRA3754, HCA1470IR, KTR1151142196

APLICAÇÕES:

DACIA

✓	Logan 1.6	

RENAULT

✓	Clio 1.6 16V	
✓	Clio 1.4 16V	10/99→08/00
✓	Laguna 1.6 16V	03/01→
✓	Logan 1.6	
✓	Megane 1.6 16V	03/99→
✓	Megane 1.4 16V	03/99→
✓	Scenic 1.4 16V, 1.6 16V	
✓	Thalia 1.4, 1.6	

Ref. 06.575571098+

125A 12V

Informação Técnica

REFERÊNCIAS:
113245, 23160N, 2542393, 2542640, 2542722, 2543338, 284610, 437423, 439464, 543557, 575562125, 6107SP, 737983001, 746095, 7711134329, 8200206251, 9090169F, 934186, 934208, CA1661IR, DRA4186, DRA4208, HCA1661IR, IA1434, LRA02059, LRA02158, MG91, OAN10417, SG12B030, SG12B072, SG12B097, SG12B122, TRA186

APLICAÇÕES:

OPEL

✓	Movano 2.5Dti	10/01→

RENAULT

✓	Master 2.5 DCi	10/01→

Ref. 06.575562125 ■ 06.575562125+

*As marcas e números originais servem apenas como referência, excepto onde mencionadas como tal.

125A 12V

Informação Técnica

0986081270, 2310000QAM, 2542272, 2542573, 283988, 284596, 437361, 437559, 439292, 439394, 4403540, 542573, 575561125, 6056SP, 746001, 7700426849, 7700427476, 7711134758, 8253785, 8602279, 9111540, 934049, 934194, ALT0063sa, CA1662IR, HCA1662IR, KTR1151122250, LRA02148, OAN10822, SG12B055, SG12B089, TRA184

APLICAÇÕES:

OPEL

✓	Movano 2.2D	11/01→

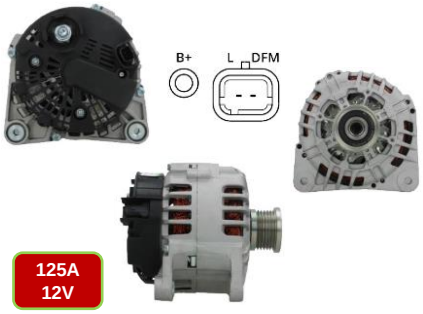
RENAULT

✓	Laguna 1.8, 16V	
✓	Trafic 2.2D	11/01→

VOLVO

✓	S40 1.9DI	07/00→12/03

Ref. 06.575561125+



125A 12V

Informação Técnica

REFERÊNCIAS:

0986045241, 112471, 14201076, 20130105, 22990, 22990N, 2310000Q0A, 2310000Q0K, 2310000QA8, 2310000QAC, 2310000QAE, 2310000QAJ, 2310000QBF, 241059, 2542272, 2542470, 2542470G, 2542653, 2542653A, 2542946, 2543339, 2543384, 283891, 284790, 437208, 439292, 439394, 439584, 439960, 440236, 4411314, 4506176, 542470, 575560125, 6108SP, 636163, 7711134313, 7711134316, 8200062583, 8200112065, 8200120417, 8200153713, 8200162474, 8200495302, 8200495304, 8200538407, 8200538816, 8200690199, 8200690202, 8251641, 8251725, 8253975, 8602806, 9201826, 93160664, 93160665, 93160666, 93161425, 93161427, 93198179, ALT0033sa, ALT7215, CA1627IR, DMX142083, DRA3918, DRA4049, DRA4194, F000BL0787, F032UA0074, F042A0H222, F042A0H237, HCA1627IR, J5115085, LRA01990, LRA02302, M883627, MW30638577, MW31216373, N5111239, SG12B017, SG12B038, SG12B071, SG12B096, SG12B107, SG12B110, SG12B123, TRA185

APLICAÇÕES:

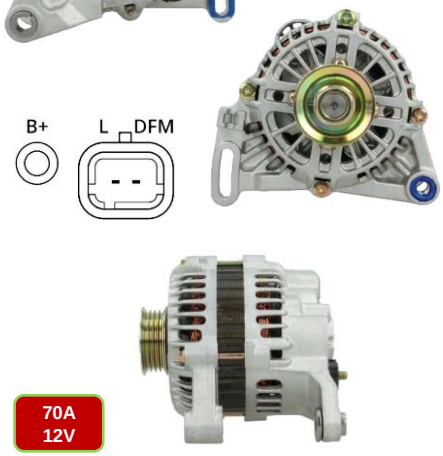
NISSAN

✓	Interstar 80 DCI	07/02→
✓	Interstar 90 DCI	07/02→
✓	Interstar 100 DCI	11/03→
✓	Interstar 140 DCI	11/03→
✓	Primastar 80 DCI	03/01→
✓	Primastar 100 DCI	09/02→
✓	Primastar 140 DCI	09/03→

RENAULT

✓	Laguna II (2001)	01/01→

Ref. 06.575560125+



70A 12V

Informação Técnica

REFERÊNCIAS:

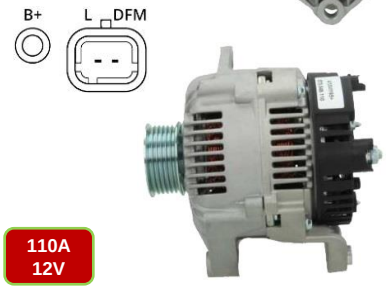
283648, 437119, 575556070, 7700433069, 7711134216, A001TA2291, A1TA2291

APLICAÇÕES:

RENAULT

✓	Clio 1.2 RL, RN, RT	09/98→
✓	Kangoo	09/97→
✓	Twingo 1.2	05/96→

Ref. 06.575556070OE



110A 12V

Informação Técnica

REFERÊNCIAS:

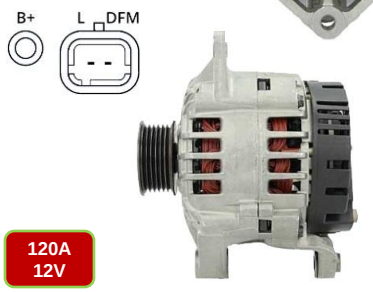
0986042180, 0986042181, 20110401, 21401N, 2541954, 2541954B, 283802, 436748, 439302, 5747SP, 575548110, 7700105539, 7711134267, 8111921, 9042181F, 933717, A13VI195, ALTH077, CA1444IR, DRA3717, F042A0H077, HCA1444IR, LRB00401

APLICAÇÕES:

RENAULT

✓	Clio 1.9 Diesel F8Q...	03/98→
✓	Kangoo 1.9 Diesel F8Q...	10/97→

Ref. 06.575548110+ ■ 06.575576110



120A 12V

Informação Técnica

REFERÊNCIAS:

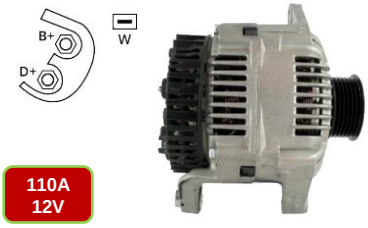
2542270, 2542322, 283915, 437184, 439280, 542325, 575545120, 5831SP, 746012, 7700430182, 7700431941, 8253611, 9090420F, A13VI249, A13VI251, CA1506IR, DRA3922, DRA4225, HCA1506IR, LRA02009, LRA02012, SG10B010, TA000A55401

APLICAÇÕES:

RENAULT

✓	Laguna 1.9 DTi	09/99→03/01
✓	Megane 1.9 DTi	03/97→02/01

Ref. 06.575545120OER



110A 12V

Informação Técnica

REFERÊNCIAS:

0986042150, 2541914, 2541988, 283776, 283955, 436733, 541977, 575540110, 5947SP, 7700104210, 7700424597, 8111944, 933784, A13VI172, A13VI208, A13VI216, CA1307IR, DRA3919, LRA02036, LRB00464

APLICAÇÕES:

RENAULT

✓	Espace 1.9 Dti JE0M	02/99→
✓	Megane 1.9 Diesel (Turbo)	01/96→
✓	Megane 1.9 DTi	01/96→

VOLVO

✓	S40, V40 1.9 Di	03/99→07/00

Ref. 06.575540110+

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150A 12V

Informação Técnica

REFERÊNCIAS:

0124525081, 0124525139, 0124525534, 0986080410, 114721, 2205518, 285796, 575538150, 7711368381, 8200390676, 8200660034, 930008, DRA0008, LRA03184, OAN12625

APLICAÇÕES:

RENAULT

✓	Clio 1.5 DCi	06/05→
✓	Modus 1.5 CDi	12/04→

Ref. 06.575538150OE ■ 06.575538120+

110A 12V

Informação Técnica

REFERÊNCIAS:

20110202, 2541903A, 2541906A, 2541906B, 283629, 436728, 437202, 439286, 575536110, 746054, 7700416958, 7700424582, 7700857023, 7700857073, 9040081F, 9090164F, A13VI164, A13VI167, A13VI171, CA1309IR, DRA3358, DRA3727, F032UA0054, HCA1309IR, LRA01811

APLICAÇÕES:

RENAULT

✓	Espace 2.0	11/96→10/00
✓	Espace 2.2 12V TD	11/96→10/00
✓	Laguna 1.8	11/93→13/01
✓	Laguna 2.2D	11/93→03/01
✓	Laguna 2.0	03/99→03/01
✓	Megane 1.9D	09/96→
✓	Megane 1.9TD	09/96→
✓	Megane 2.0i	09/96→
✓	Safrane 2.2D Turbo, 2.2 T	07/96→12/00

Ref. 06.575536110+ ■ 06.575508120ROE

110A 12V

Informação Técnica

REFERÊNCIAS:

0986041421, 2541789, 2541942, 282966, 436649, 436745, 437205, 439290, 5049SP, 575534110, 5969SP, 7700424584, 7700424854, 7700436628, 7700862865, 7701499602, 8111699, 9041421F, 9090491F, A13VI105, A13VI185, A13VI213, A13VI267, CA1078IR, CA1319IR, DRA3487, DRA3921, HCA1078IR, HCA1319IR, LRB00245

APLICAÇÕES:

RENAULT

✓	Megane 1.4i, 1.6i 16V, 2.0i 16V	01/96→

Ref. 06.575534110+

75A 12V

Informação Técnica

REFERÊNCIAS:

0986042120, 0986042121, 0986045981, 2541979, 2541984, 2542367, 283982, 436737, 436740, 437204, 439058, 439289, 541788, 542367, 575532075, 5985SP, 7700424583, 7700424585, 7700436624, 7700436627, 7701499603, 8111910, 8111912, 9042121F, 930485, 933728, A11VI105, A11VI93, A13VI212, A13VI266, CA1333IR, DRA3728, F042A0H067, HCA1333IR, LRA01849, LRA02055

APLICAÇÕES:

RENAULT

✓	Megane 1.6i 16V, 2.0i 16V	01/96→02/99

Ref. 06.575532075R

80A 12V

Informação Técnica

REFERÊNCIAS:

0986040241, 2541641, 2541641D, 2541904A, 2542198, 283527, 436618, 5051SP, 575524080, 746046, 7700862613, 7701352354, 8602101, 9040241F, 933538, A13VI165, A13VI64, ALT7012, CA1080IR, DRA3538, DRB0241, F032UA0038, F032UA0038K4H, HCA1080IR, J5115084, LRA01741, M808748, M882366

APLICAÇÕES:

MITSUBISHI

✓	Carisma 1.9TD	10/96→09/00

RENAULT

✓	Clio 1.9D	04/96→
✓	Express Diesel	09/94→03/98

Ref. 06.575524080RV ■ 06.575524080+

150A 12V

Informação Técnica

REFERÊNCIAS:

115857, 231000024R, 2543388A, 286847, 439577, 440035, 543597, 575509150, 6387SP, 7711497596, 8200404461, 8200525891, 8200725683, 930784, A002TX0481, A2TX0481, CA1936IR, DRA0784, HCA1936IR, LRA03177, TG15C059, TG15C091, TG15C125

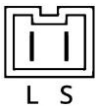
APLICAÇÕES:

RENAULT

✓	Megane 2.0 DCI, Scenic 2.0 DCI	09/05→

Ref. 06.575509150

* As marcas e números originais servem apenas como referência, excepto onde mencionadas como tal.



105A 12V

Informação Técnica

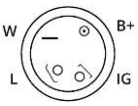
REFERÊNCIAS:
0986040031, 105129, 2105129, 2541197, 284575, 433130, 433466, 436458, 5140SP, 575506105, 7700754850, 7700796914, 7701351764, 7701499441, 9040031F, A14N140, A14N75, CA535IR, DRA3137, HCA535IR, LRA00771, LRA771, LRA771R, NA398, W27397

APLICAÇÕES:

RENAULT

✓ 21 2.0	02/90→10/92
✓ Espace 2.0	04/91→

Ref. 06.575506105+ ■ 006.111319



110A 12V

Informação Técnica

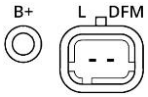
REFERÊNCIAS:
0986040071, 20110289, 2541625, 282627, 436471, 5298SP, 575505110, 7700827344, 7701499544, 9040071F, 933363, A13VI62, CA914IR, DRA3363, HCA914IR, LRB00289, W27444

APLICAÇÕES:

RENAULT

✓ Laguna 2.2D Turbo	02/94→

Ref. 06.575505110R



155A 12V

Informação Técnica

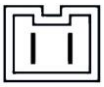
REFERÊNCIAS:
0986049450, 113994, 23349, 23349N, 2542637, 2542819, 2543343, 2543596A, 284851, 437433, 439474, 543596, 575401155, 6219SP, 7711134926, 8200138269, 8200290220, 8200495269, 8200667617, 9090205F, 930103, 930103N, CA1767IR, DRA0103, DRA0103N, HCA1767IR, LRA02349, SG15L013, SG15L020, SG15L027, SG15L034, SG15L035

APLICAÇÕES:

RENAULT

✓ Espace 1.9 DCi, 2.2 DCi, Megane 1.9 DCi	11/02→
✓ Espace 2.0	04/05→
✓ Scenic 1.9 DCi	05/05→

Ref. 06.575401155R ■ 06.575401155+



70A 12V

Informação Técnica

REFERÊNCIAS:
0986038851, 11201768, 112769, 2541313, 2541328, 2541460, 2624, 2624SP, 281708, 433149, 436255, 436372, 5266SP, 541313, 575030070, 746030, 7700820449, 7700852395, 7701352045, 7701499443, 9038851F, A13N206, A13N209, A13N235, ALT7013, CA635IR, CA849IR, DRA3129, F032UA0031, F032UA0031K2F, HCA635IR, HCA849IR, IA0768, LRA00932, LRA932, W26121, W27290

APLICAÇÕES:

RENAULT

✓ Clio 1.9D	06/90→
✓ Express Diesel	09/91→

Ref. 06.575030070+ ■ 06.575022070

60A 12V

Informação Técnica

REFERÊNCIAS:
0986038841, 20110187, 21187N, 2541695, 282509, 436446, 439013, 5276, 5276SP, 541695, 575029060, 63321170, 746013, 7700820794, 7700859724, 7701352209, 8111569, 9038841F, 9039991F, 933265, 943320096, 943321170, A13N269, CA889IR, DRA3265, HCA889IR, KTR1150058120, LRB00187, LRB187, W27058

APLICAÇÕES:

RENAULT

✓ Twingo 1.2	03/93→10/96

Ref. 06.575029060+

60A 12V

Informação Técnica

REFERÊNCIAS:
0986034810, 0986034811, 105410, 2105244, 280959, 3242SP, 432765, 433042, 433444, 433449, 516038, 516067, 575014060, 7700721797, 7700729300, 7701499230, 7701499249, 7701499458, 7701499645, 9031081, 9034811F, 9120144295, 9120144296, 943356197, A13N120, A13N124, A13N126, A13N155, A13N30, A13N89, ALT0038sa, CA301IR, CA372IR, DRA4810, HCA372IR, KTR1150028120, LRA00581, LRA581, LRA581R, P13N126, W25977

APLICAÇÕES:

RENAULT

✓ 11 1.7	10/83→03/91
✓ 21 TL, GTL, TS, GTS, TSE 1.7	03/86→12/95
✓ 9 1.7	09/84→03/91
✓ Trafic 1.7	10/84→10/97

VOLVO

✓ 340, 360 1.7	07/85→07/91

Ref. 06.575014060+

* As marcas e números originais servem apenas como referência, excepto onde mencionadas como tal.

40A
24V

Informação Técnica

REFERÊNCIAS:
101823 Valeo, 11201852 Mahle, 2541773 Valeo, 480532 Elstock, 50164902, 50504300 Hatz, 541773 Valeo, 566004040 PSH, 71336102, A13N282 Valeo, A13N51 Valeo, AAK2304 Mahle, AAK2309 Mahle, IA1701 Mahle, L82350 ATL, LRA02416 Lucas, MG263 Mahle

APLICAÇÕES:

DEUTZ-FAHR KHD

✓ Veículos industriais

Ref. 06.566004040+

40A
24V

Informação Técnica

REFERÊNCIAS:
01179756, 01179898 Andre Niermann, 01182438 KHD, 11201485 Mahle, 11203108 Mahle, 1179756 KHD, 1179898 KHD, 1180650 KHD, 1180662 KHD, 2541708 Valeo, 436377 Valeo, 439191 Valeo, 481988 Elstock, 541708 Valeo, 566003040 PSH, A13N189 Valeo, A13N190 Valeo, A13N257 Valeo, A13N272 Valeo, AAK2303 Mahle, AAK2308 Mahle, ALT0018sa Electrolog, ALT7906sa Electrolog, IA0485 Mahle, KTR1132006080 KTR, LRA02465 Lucas, MG114 Mahle

APLICAÇÕES:

DEUTZ-FAHR KHD

✓ Veículos industriais

Ref. 06.566003040+

60A
12V

Informação Técnica

REFERÊNCIAS:
01180648KZ KHD, 01182434 KHD, 022966 Andre Niermann, 11203103 Mahle, 112183 Cargo, 1179897 KHD, 1182434 KHD, 12302N Lester, 14760 Lester, 240848 Cargo, 2541133 Valeo, 2541659 Valeo, 281985 Elstock, 283671 Elstock, 436376 Valeo, 436491 Valeo, 439190 Valeo, 541659 Valeo, 541707 Valeo, 565008060 PSH, 592769 Valeo, A13N165 Valeo, A13N255 Valeo, A13N271 Valeo, AAK2306 Mahle, ALT0003Gsa Electrolog, ALT0003sa Electrolog, ALT7903sa Electrolog, KTR1130016120 KTR, L63980 ATL, LRA01835 Lucas

APLICAÇÕES:

DEUTZ-FAHR KHD

✓ F 2 L 1011, F 3 L 1011, F 4 L 1011

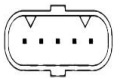
KHD

✓ FL1011F, FL1011F

MANITOU

✓ AS90

Ref. 06.565008060+



110A
24V

Informação Técnica

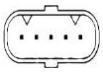
REFERÊNCIAS:
0124655011 Bosch, 0986047520 Bosch, 11209611 Mahle, 12724 Lester, 12724N Lester, 2205297 PIC, 485557 Elstock, 51261017253 MAN, 51261017259 MAN, 51261017268 MAN, 556508110 PSH, 72446572 Mahle, 860811GB Butec, 947520 EDR, AAN5399 Mahle, DRB7520 Remy, DRB7520X Remy, IA9459 Mahle, L47520 ATL, LRA02943 Lucas, MG795 Mahle

APLICAÇÕES:

MAN

✓ Diversos modelos de camiões

Ref. 06.556508110+



80A
24V

Informação Técnica

REFERÊNCIAS:
0111542802, 0131547802, 0141545302, A0131547802, A013154780280, A0141545302, A014154530280 Mercedes Benz, 0121546802, 0124555022, 0124555032, 0124555065, 0124555168, 0986045280, 0986045283, 0986048100 Bosch, 2205270A, 2205270B PIC, 556505080 PSH, 6327SP Spidan, 945280 EDR, 9947420F Friesen, CA1666IR, CA1870IR, HCA1870IR HC, L47420, L48100 ATL, DRB528 Remy

APLICAÇÕES:

MERCEDES / MAN

✓ Actros	04/96→
✓ Atego	01/98→

Ref. 06.556505080+ ■ 06.556505080OE

100A
24V

Informação Técnica

REFERÊNCIAS:
0123525501, 0123525507, 0986042590 Bosch, 2205318 PIC, 23513, LRA02513 Lucas, 23513N Lester, 437486 Valeo, 483984 Elstock, 51261017232, 51261017234, 51261017242, 51261017247, 51261017265, 51261019242, 51261019247, 51261019265 MAN, 556503100 PSH, 6109SP Spidan, 860713 Prestolite, 942590 EDR, 9942590F Friesen, ALT1881sa Electrolog, CA1663IR HC, DRB2590, DRB2590N Remy, HCA1663IR HC, KTR1113006200 KTR, L42590 ATL

APLICAÇÕES:

MERCEDES / MAN

✓ F2000	01/94→
✓ L2000	08/95→
✓ M2000	06/98→
✓ NG-NL 262/263/312/313	07/98→
✓ TG-A	04/00→

Ref. 06.556503100+ ■ 06.556503100R

*As marcas e números originais servem apenas como referência, excepto onde mencionadas como tal.

55A
24V

Informação Técnica

REFERÊNCIAS:
0123325500, 0123325507, 0986042580 Bosch, 483980 Elstock, 51261017231, 51261017233, 51261017241, 51261017266, 51261019241, 51261019266, 556503055 PSH, 6152SP Spidan, 942580 EDR, 9942580F Friesen, CA1695IR, HCA1695IR HC, DRB2580 Remy, L42580 ATL, LRA02512 Lucas, MG806 Mahle

APLICAÇÕES:

MERCEDES / MAN

✓	F2000	01/94→
✓	L2000, M2000	09/00→
✓	TG-A	04/00→

Ref. 06.556503055ROE ■ 06.556503055+

140A
24V

Informação Técnica

REFERÊNCIAS:
0091547202, 0091547702, 0131547402, A0091547202, A0131547402 Mercedes Benz, 0120689567, 0120689585, 0120689588, 0986042850, 0986046550, 1986A00008 Bosch, 12576 Lester, 1277A650 Prestolite, 19025336, DRA0516, DRB6550 Remy, 2205199 PIC, 484834 Elstock, 556033140 PSH, 6105SP Spidan, 930516, 946550 EDR, 9946550F Friesen, ALTT155 Unipoint, CA1659IR, HCA1659IR HC, KTR1112066280 KTR, LRA02533 Lucas

APLICAÇÕES:

MERCEDES

✓	Citaro	01/98→
✓	Cito	06/99→
✓	Econic	03/98→
✓	Travego	10/99→
✓	Truck	10/00→

Ref. 06.556033140+

100A
24V

Informação Técnica

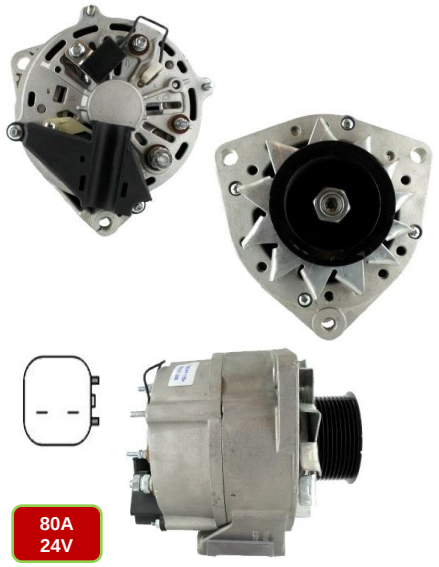
REFERÊNCIAS:
0091549902, 0101549202, A0091549902, A0101548902, A0101549202 Mercedes Benz, 6033GB3023, 6033GB3084, 0120468143, 0120468145, 0986041030, 0986041031 Bosch, 11209422, AAN3112, IA9413, MG587 Mahle, 12388, 12388N Lester, 19025109, 19025111, DRB1030 Remy, 2205194 PIC, 437441 Valeo, 483771 Elstock, 556025100 PSH, 5830SP Spidan, 860563 Prestolite, 90156441 Wilson, 941030 EDR, 9941030F Friesen, ALT1030sa, ALT1355sa, ALT7930sa Electrolog, CA1505IR, HCA1505IR HC, KTR1112050200 KTR, L40265, L41030, L43890 ATL, LRA02504 Lucas, 081768143 Steyr

APLICAÇÕES:

MERCEDES / MAN

✓	Citaro, Atego	
✓	Actros	09/96→
✓	Atego	

Ref. 06.556025100+



80A
24V

Informação Técnica

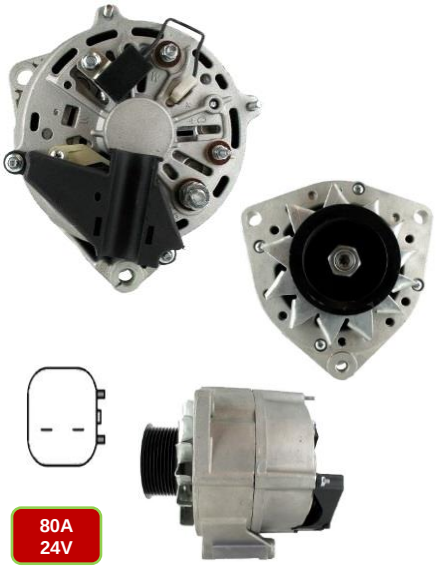
REFERÊNCIAS:
0091549802, A0091549802, A009154980280 Mercedes Benz, 0120469115, 0120469117, 0986040260, 0986040263 Bosch, 12386, 12386N Lester, 19070058, DRB0260 Remy, 2205195 PIC, 437442 Valeo, 482937 Elstock, 556021080 PSH, 6047SP Spidan, 940260 EDR, 9940260F Friesen, AAN3111 Mahle, CA1593IR, HCA1593IR HC, LRB00302 Lucas

APLICAÇÕES:

MERCEDES / MAN

✓ Diversos modelos de camiões

Ref. 06.556021080+



80A
24V

Informação Técnica

REFERÊNCIAS:
0091549802, A0091549802, A009154980280 Mercedes Benz, 0120469115, 0120469117, 0986040260, 0986040263 Bosch, 12386, 12386N Lester, 19070058, DRB0260 Remy, 2205195 PIC, 437442 Valeo, 482937 Elstock, 556021080 PSH, 6047SP Spidan, 940260 EDR, 9940260F Friesen, AAN3111 Mahle, CA1593IR, HCA1593IR HC, LRB00302 Lucas

APLICAÇÕES:

MERCEDES / MAN

✓ Diversos modelos de camiões

Ref. 06.556019140+ ■ 06.112343

140A
24V

Informação Técnica

REFERÊNCIAS:
0081547802, 0111545002, 0131547302, A0081547802, A0131547302 Mercedes Benz, 0120689530, 0120689535, 0120689571, 0120689574, 0120689587, 098038290, 0986041640, 1986A00004, 986A00007, 9120456048 Bosch, 11201757, 11201895, 11203139, 11203240, AAT1302, AAT1306, AAT1338, IA0757, IA1104, IA1105, MG128, MG229 Mahle, 12610, 12610N Lester, 1303301BO WAI, 19025330, 19025355, 19025356, DRA0514, DRA8290, DRB1460, DRB1640 Remy, 2205069 PIC, 434016 Valeo, 482756 Elstock, 5006143947, 5010390082, 504021528 Iveco, 51261017222 MAN, 556018140 PSH, 5685SP Spidan, 7421354000 Renault, 90156388 Wilson, 930514 EDR, 938290 EDR, 9938290F, 9941640F Friesen, ALT1130sa, ALT1142sa, ALT1144sa, ALT7953sa, ALT9734sa Electrolog, ALTT145 Unipoint, CA1236IR, HCA1236IR HC, KTR1112036280 KTR, L38290, L41640, L61030 ATL, LRA02481 Lucas, TC5000BEG ADI

APLICAÇÕES:

MAN

✓ Diversos modelos de camiões

MERCEDES / MAM

✓	Touring car	O303, O404	01/80→

SCANIA

✓	111, 112, 113 Touring car, 81, 82, 86, 92, 93 Touring car	05/82→

Ref. 06.556018140OE

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24V

Informação Técnica

REFERÊNCIAS:

0051543402, 0071542702, 0091540702, A0091540702 Mercedes Benz, 0120469001, 0120469019, 0120469025, 0120469039, 0120469101, 0120469509, 0120469518, 0120469686, 0120469796, 0120469982, 0986030520, 0986034400, 0986037410, 0986047870, 6033GB3055, F042A01027 Bosch, 110895 Cargo, 11201522, 11201705, AAK1367, IA0522, IA0705, MG289 Mahle, 1274480, 1350515, 613097 Daf, 19025108, DRA4400, DRA4400N, DRA7410, DRA7410N Remy, 220393A PIC, 081769001 Steyr, 3534SP Spidan, 436428, 437166 Valeo, 51261017144, 51261017185, 51261017201, 51261019144, 51261019185, 51261019201 MAN, 556002055 PSH, 725736001 Hella, 7421341000 Renault, 858783 Prestolite, 90156220, 90156416 Wilson, 937410, 937410N EDR, 9934400F Friesen, ALT0110 Unipoint, ALT0568sa, ALT0572sa, ALT1086DPsa, ALT1086sa, ALT1086SPsa, ALT1136DPsa, ALT1136sa, ALT7945sa Electrolog, CA333IR, HCA333IR HC, KTR1112004110 KTR, L37410, L37770, L41090, L41580, L47870 ATL, LRA973, LRA977 Lucas

APLICAÇÕES:

MERCEDES / MAN

✓ Diversos modelos de camiões

SCANIA

✓ Diversos modelos de camiões

Ref. 06.556002055+ ■ 06.556002055

180A
12V

Informação Técnica

REFERÊNCIAS:

0009067900, A0009067900, A0141543302 Mercedes Benz, 0986083660 Bosch, 11711RW WAI, 2618188A, 439738, 440328, 611843, FG18S077, FGN18S077 Valeo, 285951 Elstock, 555902180 PSH, 9090703 Friesen, 930954 EDR, CAL15427GS Casco, DRA0954 Remy, LRA03339 Lucas

APLICAÇÕES:

MERCEDES

✓	Classe E220 CDi	03/09→
✓	Classe E250 CDI	11/09→
✓	Classe E200 CGI	01/10→

Ref. 06.555902180OE

180A
12V

Informação Técnica

REFERÊNCIAS:

0009062700, A0009062700 Mercedes Benz, 11306N WAI, 114042 Cargo, 285531 Elstock, 439744, 440334, 608993, FG18S056, FGN18S056 Valeo, 555598180 PSH, 9090617F Friesen, 930179 EDR, DRA0179 Remy, OAN11569 Optimum

APLICAÇÕES:

JEEP

✓ Commander 3.0 CRD

MERCEDES

✓	C320 3.0 CDI	01/04→12/07
✓	Vito 122 CDI 3.0	06/11→

Ref. 06.555598180OE ■ 06.555598180

180A
12V

Informação Técnica

REFERÊNCIAS:

0131546802, A0131546802, A0131546802080 Mercedes Benz, 0986082500 Bosch, 22721 WAI, 241730 Cargo, 2543406, 2543406A, 439653, 440238, 543406, FG18S012, FGN18S012 Valeo, 286520 Elstock, 555590180 PSH, 930568 EDR, CA2072IR HC, DRA0568 Remy, L81550 ATL, LRA03408 Lucas

APLICAÇÕES:

MERCEDES

✓	GLK 320 CDI 4-matic	06/08→

Ref. 06.555590180OE ■ 06.555590180R

180A
12V

Informação Técnica

REFERÊNCIAS:

0121715029, 0121715129, 0986048450 Bosch, 0131549002, A0131549002, A013154900280 Mercedes Benz, 114666 Cargo, 20036 Lester, 286554 Elstock, 555585180 PSH, 6483SP Spidan, 9048450F Friesen, 930546 EDR, ALt1448sa Electrolog, CA2032IR, HCA2032IR HC, DRA0546 Remy, KTR1111170360 KTR, L48450 ATL, LRA03446 Lucas

APLICAÇÕES:

MERCEDES

✓	C200 CDI, C220 CDI	01/07→
✓	E200 CDI	01/06→

Ref. 06.555585180+

120A
12V

Informação Técnica

REFERÊNCIAS:

0141541402, A0141541402 Mercedes Benz, 0986UR6272 Bosch, 115810 Cargo, 11716 Lester, 11716N WAI, 2605420, 2605420A, 439678, 440263, 605420, TG12C063 Valeo, 286591 Elstock, 555584120 PSH, 9090606F Friesen, 930984 EDR, DRA0984 Remy, LRA03481 Lucas

APLICAÇÕES:

MERCEDES

✓	E200 CGI	08/09→
✓	E250 CGI	01/09→

Ref. 06.555584120OE

* As marcas e números originais servem apenas como referência, excepto onde mencionadas como tal.

180A
12V

Informação Técnica

REFERÊNCIAS:

Bosch 0986081910, Cargo 114102, 241658, EuroTec 12090266, AES 14201138, Lucas 23290, LRA03029, WAI 23290N, 23290NOE, 23290ROE, Valeo 2543248, 2543498, 439585, 439619, 440057, 440176, 543498, 595325, TG17C041, TG17C061, Elstock 285641, PSH 555577180, Mercedes Benz 6461540102, 6461541102, A6461540102, A6461541102, Spidan 6489SP, Friesen 9090459F, EDR 930198, Electrolog ALT00258sa, Unipoint ALTH193, F042A0H193, HC CA2038IR, HCA2038IR, Remy DRA0198, KTR KTR1111154360, ATL L80540

APLICAÇÕES:

MERCEDES

- ✓ Sprinter 2.1, 2.2CDi, Viano 2.2CDi, Vito 109 CDI 2.2 09/06→

Ref. 06.555577180OE ■ 06.555569120OE+

90A
12V

Informação Técnica

REFERÊNCIAS:

Bosch 0986080500, EuroTec 12090311, WAI 23892N, 23892NOE, 23892R, Valeo 2542955, 439544, 606293, SG9B068, SG9B079, SG9B121, Mercedes Benz 2661540802, 2661541202, A2661540802, A2661541202, Elstock 437537, PSH 555560090, Spidan 6333SP, Friesen 9090538F, EDR 930102, Electrolog ALT00260sa, HC CA1875IR, HCA1875IR, Remy DRA0102, KTR KTR1111120180, ATL L82290, Lucas LRA02892, Optimum OAN12264

APLICAÇÕES:

MERCEDES

- ✓ Classe A 170, 150 09/04→
- ✓ Classe B 170, 150 03/05→

Ref. 06.555560090OE

200A
12V

Informação Técnica

REFERÊNCIAS:

Bosch 0121615045, 0124625014, 0124625015, 0124625045, Mercedes Benz 0131540002, 0141540702, A0131540002, A0141540702, Bosch 0986046330, 0986048550, EAI 11216, 56924, 57006, WAI 11216N, 11216R, Cargo 113953, EuroTec 12046330, 12048550, PIC 2205466, Elstock 284945, PSH 555558200, Spidan 6309SP, Hella 738211091, Wilson 90156527, Friesen 9046330F, EDR 946330, Unipoint ALTH181, F042A0H181, Remy DRB6330, HC HCA1859IR, ATL L48110, L48550, Lucas LRA02827, Optimum OAN11407

APLICAÇÕES:

MERCEDES

- ✓ Classe C 200 CDI 02/01→
- ✓ Classe C 220 CDI 02/04→
- ✓ Classe E 200 CDI 07/02→
- ✓ Classe E 220 CDI 03/02→
- ✓ Classe E 280 CDI 05/04→

Ref. 06.555558200OE ■ 06.AI-90160

150A
12V

Informação Técnica

REFERÊNCIAS:

Bosch 0986080040, Cargo 114130, EuroTec 12090177, WAI 23896N, 23896R, Valeo 2542772, 2543363, 2543412A, 437545, 439552, 543570, TG15C034, TG15C056, TG15C057, TG15C121, Elstock 285502, PSH 555556150, EAI 56998, Spidan 6331SP, Mercedes Benz 6401540102, 6401540202, 6401540302, 6401540402, 6401540502, HAE6401540402, Friesen 9090374F, 9090397F, EDR 934273, 934273X, A6401540102, A6401540202, A6401540302, A6401540402, A6401540502, Electrolog ALT0089sa, Unipoint ALTH197, F042A0H197, HC CA1873IR, HCA1873IR, Remy DRA4273, KTR KTR1111112300, ATL L82590, Optimum OAN11570

APLICAÇÕES:

MERCEDES

- ✓ Classe A 160 2.0 CDI, 180 2.0 CDI, Classe B 200 2.0 CDI, 180 2.0 CDI, 200 2.0 CD 01/04→

Ref. 06.555556150OE ■ 06.AVA1095

180A
12V

Informação Técnica

REFERÊNCIAS:

Chrysler 04801250AA, 04801250AB, Bosch 0986083220, WAI 11306N, 11306R, Cargo 114042, EuroTec 12047690, AES 14201112, Valeo 241381, 2542969, 2542969C, 2542989, 2543289, 2543289A, 437539, 439546, 543289, TG17C028, TG17C030, TG17C030B, Elstock 285531, PSH 555546180, EAI 57186, Mercedes Benz 6421540202, 6421540402, A6421540202, A6421540402, Friesen 9090313F, Electrolog ALT0086sa, Unipoint ALTH187, F042A0H187, HC CA2108IR, Remy DRA0179, KTR KTR1111092360, ATL L47690, Lucas LRA02917

APLICAÇÕES:

MERCEDES

- ✓ Classe C 2.0 CDi, CLK 2.0 Cdi 01/05→
- ✓ Classe E 2.8 CDi, 3.2 Cdi 03/05→
- ✓ Sprinter 211 CDI 06/06→

Ref. 06.555546180OE ■ 06.555546180OR+

85A
12V

Informação Técnica

REFERÊNCIAS:

Smart 0004717V005, 0004717V006, Q0004717V005, Mercedes Benz 0111548002, 6601540902, A0111548002, A6601540902, A660154090280, Bosch 0124225020, 0124225037, 0986044490, Cargo 114040, EuroTec 12044490, PIC 2205678, Lucas 23901, LRA02901, WAI 23901N, 23901R, Elstock 285515, Valeo 437737, PSH 555542085, EAI 57123, Spidan 6475SP, Wilson 90156605, Friesen 9090143F, EDR 944490, Unipoint ALTH186, F042A0H186, HC CA202IR, HCA2024IR, Remy DRB4490, ATL L44490

APLICAÇÕES:

SMART

- ✓ Cabrio 0,8 CDI 03/01→01/04
- ✓ For two 0.8 CDI 01/04→03/07

Ref. 06.555542085OR+ ■ 06.114040

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120A
12V

Informação Técnica

REFERÊNCIAS:

Bosch 0124515088, 0124515198, 0986045380, EuroTec 12045380, Lester 13954, WAI 13954N, 13954R, PIC 2205134, Valeo 2542582A, 2542582B, 437430, 439471, 542582, SG12B062, Mercedes Benz 2711540202, 2711540802, 2711540902, A2711540202, A2711540802, A2711540902, Elstock 284866, PSH 555541120, EAI 56865, Spidan 6196SP, Wilson 90156509, Friesen 9045380F, EDR 945380, Electrolog ALT0045sa, ALT1194sa, HC CA1752IR, HCA1752IR, Remy DRB5380, KTR KTR1111082240, ATL L45380, Lucas LRA02362, Optimum OAN10440

APLICAÇÕES:

MERCEDES

✓	Classe C 200	07/03→

Ref. 06.555541120OE ■ 06.555541120OR+

115A
12V

Informação Técnica

REFERÊNCIAS:

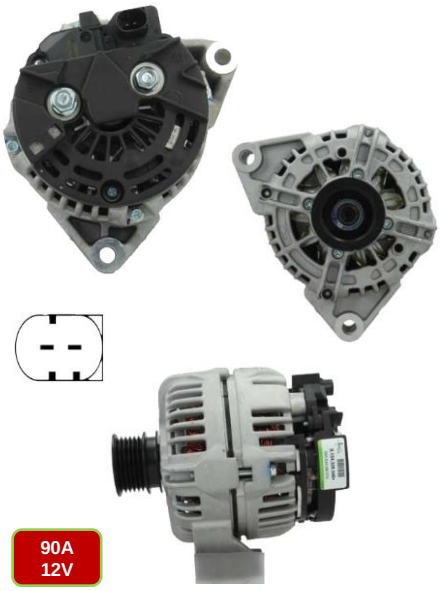
Mercedes Benz 0101540302, 0101547402, A0101540302, Bosch 0123510058, 0123510102, 0986041110, 0986041111, 0986041660, EuroTec 12041110, 12041660, Lester 12676, PIC 220298, Elstock 282899, Valeo 437763, 439570, PSH 555539115, EAI 56694, Spidan 5917SP, Friesen 9041110F, 9041660F, EDR 941110, HC CA1254IR, HCA1254IR, Lucas LRA01675

APLICAÇÕES:

MERCEDES

✓	V230 Diesel Turbo	09/96→
✓	Vito 110 Diesel	03/97→
✓	Vito 110 Turbo Diesel	02/96→

Ref. 06.555539115



90A
12V

Informação Técnica

REFERÊNCIAS:

Bosch 0124325045, 0986042730, HC 113301, CA1732IR, HCA1732IR, EuroTec 12042730, 12090106, 12090278, PIC 2205147, WAI 23095R, Lucas 23143, LRA02095, LRA02363, Elstock 284868, PSH 555534090, Spidan 6162SP, ATL L42730

APLICAÇÕES:

MERCEDES

✓	CLK 200 Kompressor, CLK230 Compressor	06/00→06/02
✓	Classe E 200 Kompressor	08/00→03/02

Ref. 06.555534090+

150A
12V

Informação Técnica

REFERÊNCIAS:

Bosch 0121541302, 0124615012, 0124615020, 0124615044, 0124615047, 0124615049, 0986043670, 0986047550, 0986047610, Mercedes Benz 0131548202, 0131548602, 0141540102, A0111546202, A0111547202, A0111549302, EuroTec 12042550, 12043670, 12047530, 12047550, 12047610, WAI 1304701BO, 13953N, 13953R, Lester 13953, PIC 2205053, Elstock 284776, Valeo 437312, 440452, PSH 555534150, EAI 57009, Spidan 6232SP, Wilson 90156476, Electrolog ALT0013sa, ALT0065sa, ALT1195sa, ALT1204sa, ALT1299sa, HC CA1776IR, HCA1776IR, Remy DRB3670, KTR KTR1111068300, ATL L42560, L43670, L47550, Lucas LRA02294

APLICAÇÕES:

MERCEDES

✓	CLK 430	09/98→
✓	Classe E 240, E 320	03/02→
✓	Classe E 430	06/97→03/02
✓	Classe E 55 AMG	08/97→03/02

Ref. 06.555534150R0E

150A
12V

Informação Técnica

REFERÊNCIAS:

Mercedes Benz 0111543202, A0111543202, Bosch 0123520017, 0986041550, 0986041551, 0986041557, EuroTec 12041550, WAI 1239531BO, Lester 13855, WAI 13855N, 13855R, PIC 2205043, Massey Ferguson 3701909M91, Valeo 437653, PSH 555533150, Spidan 5812SP, Wilson 90156380, 90178060, Friesen 9041550F, HC CA1491IR, HCA1491IR, Remy DRB1550, ATL L41550, Lucas LRA01843

APLICAÇÕES:

MERCEDES

✓	CL500 M113.960	09/99→
✓	S280 M112.922	01/99→
✓	S320 M112.944, S430 M113.941, S500 M113.960	10/98→

Ref. 06.555533150+

180A
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Informação Técnica

REFERÊNCIAS:

Mercedes Benz 0121548902, 0131548502, A0121548902, A0131548502, Bosch 0124625005, 0124625007, 0124625032, 0124625211, 0986047480, Lester 11068, WAI 11068N, 11068R, Cargo 114737, EuroTec 12047480, PIC 2205205D, Elstock 285691, PSH 555532180, EAI 57019, Wilson 90156526, Friesen 9090319F, EDR 947480, Remy DRB7480, ATL L82330, Lucas LRA03079

APLICAÇÕES:

MERCEDES

✓	CL 55 AMG	06/02→
✓	CLS 55 AMG	01/05→
✓	E55 AMG	10/02→
✓	ML 500	07/05→
✓	S55 AMG	06/02→

Ref. 06.555532180OE ■ 06.555532180+

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12V

Informação Técnica

REFERÊNCIAS:
Bosch 0124325023, 0986041800, Cargo 111967, EuroTec 12041800, WAI 21466N, 21466R, Valeo 2541922B, 2542291, 2542291A, 2542412A, 436732, 439206, 542412, A13VI178, A13VI237, SG9B, SG9B037, Elstock 283867, PSH 555529090, EAI 56679, Spidan 6004SP, Friesen 9090072F, Mercedes Benz A0101543802, A0111543502, A0111545602, A0121544502, Electrolog ALT0017sa, Unipoint ALTH074, F042A0H074, HC CA1342IR, HCA1342IR, Remy DRA3779, KTR KTR1111058180, Lucas LRB00458

APLICAÇÕES:

MERCEDES

✓	A140, A160	10/97→

Ref. 06.555529090OE ■ 06.555528090OE

90A
12V

Informação Técnica

REFERÊNCIAS:
Mercedes Benz 0091547602, 0101549802, A0091547602, Bosch 010549802, 0123320035, 0123320058, 0986039860, 0986039861, 0986044370, Mahle 11203008, IA1036, MG47, Cargo 113486, EuroTec 12039860, 12044370, WAI 1225101BO, 13798N, 13798R, Lester 13798, PIC 2205055A, Elstock 283668, Valeo 437636, H648892C, PSH 555527090, EAI 56545, Spidan 5824SP, Wilson 90156317, Friesen 9039860F, 9044370F, EDR 939860, HC CA1500IR, HCA1500IR, Remy DRA4119, DRA9860, ATL L39860, L44370, Lucas LRA01833, LRA02071

APLICAÇÕES:

MERCEDES

✓	Classe E E200	06/97→03/02
✓	SLK200, SLK230	09/96→01/00

Ref. 06.555527090+ ■ 06.ABO1334

150A
12V

Informação Técnica

REFERÊNCIAS:
Mercedes Benz 0101542902, 0101547802, 0101548302, A0101542902, A0101548302, Bosch 0123520006, 0123520011, 0123520012, 0123520013, 0986041520, 0986041521, Mahle 11204150, AAN5309, IA1044, MG570, Cargo 113489, EuroTec 12041520, 12041550, 12041650, WAI 1210943BO, 1226701BO, 1290801BO, Lester 13779, PIC 2205040, 2205041, Elstock 283680, 284531, Valeo 437699, PSH 555526150, Spidan 5637SP, 6290SP, Wilson 90156377, 90156379, EDR 930399, 941520, Electrolog ALT1265sa, Unipoint ALTH142, F042A0H142, HC CA1206IR, CA1845IR, HCA1206IR, CA1845IR,Remy DRB1520, DRB1650, KTR KTR1111052300, Lucas LRA01840, LRA02091

APLICAÇÕES:

MERCEDES

✓	C43 AMG	10/97→
✓	CLK430	09/98→
✓	Classe E 280	03/97→
✓	Classe E E430, E55 AMG	09/97→

Ref. 06.555526150+

115A
12V

Informação Técnica

REFERÊNCIAS:
Mercedes Benz 0101543202, 0111540702, 101543202, A0101543202, Bosch 0123510068, 0123510081, 0986041320, 0986041321, 0986041327, Mahle 11203116, IA1043, MG2, EuroTec 12041210, 12041320, WAI 1225242BO, 13819N, 13819R, Lester 13819, PIC 2205020, Cargo 240932, Elstock 283565, Valeo 437615, PSH 555521115, Spidan 5940SP, Wilson 90156374, Friesen 9041320F, HC CA1300IR, HCA1300IR, Remy DRB1320, ATL L41320, Lucas LRA01767

APLICAÇÕES:

MERCEDES

✓	Classe C 240 Turbo, C 280	06/97→
✓	CLK320, SL280	06/98→
✓	Classe E 240	09/97→
✓	Classe E 280, E 320 (W210)	03/97→

Ref. 06.555521115+

90A
12V

Informação Técnica

REFERÊNCIAS:
Mercedes Benz 0101546302, 0101549502, 0111540602, 0131541702, 0131543602, A0101549502, A0121542002, A0121542202, A0131541702, A0131543602, Bosch 0121542002, 0121542202, 0123320051, 0123320065, 0124325039, 0124325046, 0124325063, 0124325093, 0124325105, 0986041530, 0986041531, 0986042520, 0986042527, 0986042530, 0986043650, Cargo 113889, 241442, EuroTec 12041530, 12042520, 12042530, 12043650, 12090540, 12201019, Lester 12382, 23020N, WAI 12382N, 12382R, 1276801BO, PIC 2205136, 2205136A, 2205136B, Lucas 23020, LRA02013, LRA02293, Elstock 283921, 284775, Valeo 437621, PSH 555518090, 555519090, EAI 56863, 56990, Spidan 5808SP, Hella 737724001, Wilson 90156421, Friesen 9043650F, EDR 941530, Electrolog ALT1065sa, ALT1307sa, Unipoint ALT2050, ALTH248, F032UA0044, F032UA0044K2F, F042A01178, HC CA1489IR, HCA1489IR, Remy DRB1530, DRB2520, DRB2530, Bosch F042208001, KTR KTR1111036180, ATL L41530, L42520, L42530, L43650, Optimum OAN10810

APLICAÇÕES:

MERCEDES

✓	C200 CDi	03/98→
✓	C220 CDi	12/97→
✓	V200, 220 CDi (OM611), Vito 108, 110, 112 CDi	06/99→

MERCEDES / MAN

✓	Sprinter 208 CDi, 211 CDi, 213 CDi, 216, 311, 316, 416, 416 CDI, 216CDi, 311CDi, 316 CDi, 416CDi, 308 CDi, 408 CDi, 411 CDi, 413 Cdi	04/00→

Ref. 06.555518090OE ■ 06.113889

90A
12V

Informação Técnica

REFERÊNCIAS:
Mercedes Benz 0091543302, 0101540802, 0101544802, A0101540802, Bosch 0123320041, 0123340007, 0124325227, 0986040180, Cargo 111890, WAI 1195045BO, EuroTec 12039740, 12039750, 12040180, AES 12201188, Lester 13811, WAI 13811N, 13811N6GN, 13811N6GZ, 13811R, PIC 2205026, Elstock 282783, Valeo 436718, 437489, PSH 555513090, Spidan 5645SP, EAI 56637, Hella 8EL011360811, Wilson 90156369, Friesen 9040180F, EDR 940180, Electrolog ALT1112sa, Unipoint ALT2031U, F032UA0035, F032UA0035K2G, F042A01053, HC CA1209IR, HCA1209IR, Remy DRB0180, Mahle IA1012, MG157, KTR KTR1111026180, Lucas LRB00301, LRB301, Optimum OAN11166, van Heck W27375

APLICAÇÕES:

MERCEDES

✓	Classe G G300 Turbo Diesel	09/96→

MERCEDES / MAN

✓	Sprinter 208D, 212D, 312D, 408D, 412D	02/95→
✓	Unimog	
✓	Vario 512D, 612D, 812D	09/96→

Ref. 06.555513090+ ■ 06.555512090

* As marcas e números originais servem apenas como referência, excepto onde mencionadas como tal.

115A
12V

Informação Técnica

REFERÊNCIAS:

Mercedes Benz 0101540102, 0101540502, 0101549402, 0111540802, 101540502, A0101540102, A0101549402, Bosch 0123510038, 0123510080, 0986039390, 0986041120, 0986041121, EuroTec 12039360, 12039390, 12041120, 12041220, WAI 13972R, Elstock 282991, PSH 555512115, EAI 56814, Wilson 90156376, Friesen 9039390F, 9041120F, Unipoint ALT2085U, F042A01092, F042A01092FDB, HC CA1299IR, HCA1299IR, Remy DRB1120, Mahle IA1110, MG574, Lucas LRA01723, ATL L39360, L39390, L41120

APLICAÇÕES:

MERCEDES

✓ C180	03/93→
✓ C200	01/94→
✓ C200 Diesel	03/93→08/95
✓ C220	03/93→09/96
✓ C220 Diesel, G320	08/93→
✓ C230	05/96→
✓ C250 Diesel (Turbo)	09/95→
✓ C250 Diesel	05/93→
✓ CLK230 Compressor	06/97→
✓ E200 (W124), E250 Diesel (W124), E300 (W124), E320 (W124)	07/93→06/95
✓ E200 Diesel (W201)	03/97→
✓ E220 Diesel (W210)	06/95→
✓ E220 (W124)	07/93→09/96
✓ E230 (W210)	06/95→08/97
✓ E280 (W124), E300 Diesel (W124	07/93→05/96
✓ G350 Diesel (Turbo)	07/94→06/96
✓ SLK2006	09/96→

STEYR

✓ G300DT	01/98→

Ref. 06.555512115+

115A
12V

Informação Técnica

REFERÊNCIAS:

Mercedes Benz 0081548202, 0091541202, 0091543602, 0091543702, 0091548202, 0091548802, A1621543402, Bosch 0120465015, 0123500001, 0123510002, 0123510023, 0123512501, 0123540004, 0124515190, 0986037990, WAI 1181402BO, EuroTec 12037970, 12037990, WAI 13359N, 13359N6GN, 13359N6GZ, Kubota 1621543402, PIC 1621543402, Elstock 283691, Valeo 437552, 439555, 626593, A13VI308, TA000A33001, Spidan 5052SP, 5786SP, PSH 555506115, EAI 56541, Wilson 90156198, 90156264, 90156264N, 90156370, Friesen 9037990F, EDR 933686, HC CA1057IR, CA1081IR, CA1477IR, HCA1057IR, HCA1081IR, HCA1477IR, Remy DRA3686, DRA7990, Lucas LRA01844, Nipparts N5110403, TWA TRA274

APLICAÇÕES:

MERCEDES

✓ 100 Diesel	12/90→02/96
✓ S280	06/93→
✓ SL280, SL320	07/93→

Ref. 06.555506115TWA ■ 06.555506115+

150A
12V

Informação Técnica

REFERÊNCIAS:

Bosch 0001500550, 0001500650, 0001502050, 0001502850, 01220AA0B0, 01220AA0R0, 01220AA0RB, 01220AA1A0, 01220AA2A0, 01221AA5F0, 0986041760, 0986041763, 0986042436, 0986047583, EuroTec 12041760, 12042490, 12045410, 12201140, PIC 2205381, Lucas 22952, LRA01952, LRA01953, WAI 22952N, 22952R, Cargo 241167, Elstock 283847, Valeo 437626, PSH 555401150, EAI 56939, Spidan 6069SP, Mercedes Benz 6111550007, 6281540103, A0001500650, A0001502850, A6111550007, Wilson 90156486, Friesen 9041760F, Electrolog ALT1193sa, HC CA1634IR, HCA1634IR, Remy DRB1760, DRB1760N, KTR KTR1110802300, ATL L41760, L42490, L45410

APLICAÇÕES:

MERCEDES

✓ C270 CDI	
✓ E200 CDi, E220 CDi	07/98→
✓ E270 CDi, E320 CDi, S320 Cdi	06/99→
✓ ML270 CDi (W163)	12/99→

Ref. 06.555406150OE ■ 06.555401150+

190A
12V

Informação Técnica

REFERÊNCIAS:

Bosch 0001501750, 0001502550, 0986048990, Remy 10480404, 10480408, DRA4035, DRA4035N, Mahle 11203632, AAN7112, IA1260, HC 113772, CA1838IR, EuroTec 12048990, Lucas 23162, LRA02162, WAI 23162N, 23162R, PIC 2406243, Elstock 284616, PSH 555404190, Spidan 6283SP, Hella 8EL011710821, EDR 934035, Mercedes Benz A0001501750, A0001502550, Electrolog ALT2604sa, KTR KTR1110808380, ATL L69215, Optimum OAN10428

APLICAÇÕES:

MERCEDES

✓ C220 CDi	
✓ E200 CDi, E220 CDi, E270 CDi, E320 CD	07/99→03/02

Ref. 06.555404190ROE0 ■ 06.555404190+

55A
12V

Informação Técnica

REFERÊNCIAS:

Mercedes Benz 0051545202, 0061542402, A0071542302, Bosch 0120489032, 0120489315, 0120489723, 0120489724, 0120489725, 0120489726, 0986030660, Mahle 11201097, AAK1130, AAK4549, IA0097, MG125, EuroTec 12030660, 12031290, 12031300, 12034260, Lester 14491, PIC 220380B, Elstock 280742, 281901, 2L10R, Spidan 3552SP, Valeo 436425, 436578, MAN 51261017145, PSH 555021055, EAI 75623, 75625, 75670, Wilson 90156138, EDR 931300, Friesen 9930660F, A00010, Electrolog ALT0510sa, ALT1080sa, ALT1160sa, ALT7910sa, HC CA186IR, HCA186IR, Remy DRA0660, DRA1300, KTR KTR1110042110, ATL L30660, L31290, L31300, L34260, Lucas LRA00618, LRA01422, LRA618

APLICAÇÕES:

MERCEDES

✓ Camiões	

MERCEDES / MAN

✓ Unimog	

Ref. 06.555021055+

55A
12V

Informação Técnica

REFERÊNCIAS:

Mercedes Benz 0041541802, 0051545802, 0051546702, 0051547402, 0051547702, 0061543002, 0071541202, 0071544602, A0051546702, Bosch 0120400858, 0120489061, 0120489469, 0120489526, 0120489547, 0120489683, 0120489786, 0120489917, 0120489932, 0986030720, 0986030721, 0986032800, 9120690260, 9120690260POST, Cargo 110358, Mahle 11201155, 11201445, 11201575, AAK1152, AAK1157, AAK3548, AAK4141, IA0155, IA0445, WAI 1135501BO, EuroTec 12030720, 12031080, 12031400, 12032800, 12033740, Lester 13056, 3437, WAI 13056N, 13056R, 14820R, PIC 220140, Elstock 280675, Valeo 2950281, 432854, 436121, 436124, NA124, Spidan 3437SP, PSH 555005055, EAI 55766, 55773, Hella 8EL725951001, Wilson 90156077, Friesen 9030720F, 9031400F, 9032800F, EDR 932800, Magneti Marelli 943356465, 943356614, Motorola 9AR2759K02, 9AR5028K, 9AR5028K02, Electrolog ALT1007Psa, ALT1007sa, HC CA871IR, CA87IR, HCA87IR, Remy DRA1080, DRA2800, KTR KTR1110010110, ATL L30720, L31400, L31430, L32800, L33740, L33750, Lucas LRA00823, LRA823, van Heck W23750

APLICAÇÕES:

MERCEDES

✓ 190 1.8, 2.0, 2.3	10/82→08/83
✓ 200D, 220D (W115, W123)	05/76→11/85
✓ 200, 220 (W115, W123)	09/80→11/85
✓ 230 (W115, W123)	01/77→11/85
✓ 240D (W115, W123)	05/76→11/85
✓ 300D (Turbo) (W123)	10/80→11/85

Ref. 06.555005055+

* As marcas e números originais servem apenas como referência, excepto onde mencionadas como tal.

33A
12V

Informação Técnica

REFERÊNCIAS:
Mercedes Benz 0031546702, 0061542902, A006154290280, Bosch 0120143003, 0120300516, 0120300535, 0120300562, 0120339512, 0120339513, 0120339543, 0120339544, 0120339545, 0120400775, 0986030110, 0986030114, EuroTec 11040709, 12030110, 12031440, 12090721, Cargo 111948, Mahle 11201119, 11201453, 11201784, AAG1316, IA0119, IA0784, MG438, Lester 13194, WAI 13194N, 13194R, PIC 220350, Elstock 280730, Valeo 433052, 436267, Spidan 5135SP, 5220SP, Agria 51750, PSH 555001033, 727549, EAI 75641, 75642, 75822, Hella 8EL730032001, Wilson 90156071, 90156166, EDR 930110, Friesen 9930110F, Motorola 9AR2862K, 9AR2944K, 9AR5040K, John Deere AL36100, AR62401, AZ23575, SE501344, Electrolog ALT1953sa, HC CA522IR, CA734IR, HCA522IR, HCA734IR, Remy DRA0090, DRA0110, KTR KTR1110002066, ATL L30110, L31440, L33320, Lucas LRA01199, LRB136

APLICAÇÕES:

JOHN DEERE

✓ Jd 2.9, 2.5, 3.6	12/74->
✓ Md900 2.7-5.9	11/74->10/83

LAMBORGHINI

✓ C	->08/76
✓ C3.8, C4.0, C4.2	04/83->
✓ R235/235dt 3.0	02/88->

SAME

✓ Antares 110/130 6.0	12/89->
✓ Condor 55/C 2.7, 2.8	02/79->10/87
✓ Explorer 60	
✓ Explorer 75/85 3.7	02/85->05/86
✓ Falcon 2.7	09/85->10/87
✓ Minitauro60 3.1	01/72->12/73
✓ Ranger45 2.7	02/82->08/85
✓ Vigneron60 3.1	03/78->08/85
✓ Vigneron70 3.8	06/82->02/88

STEYR

✓ 40 (WD405), 406

Ref. 06.555001033 ■ 06.111649

155A
24V

Informação Técnica

REFERÊNCIAS:
Mahle 11203032, MG298, Prestolite 1277610, 1277750, 1277A750, Cummins 3284390, PSH 516005140, Remy DRA0506

APLICAÇÕES:

DEUTZ

✓ Camiões

Ref. 06.516005140OE

55A
24V

Informação Técnica

REFERÊNCIAS:
Mercedes Benz 0061544802, 7161090140, A0061544802, KHD 01180302, 1171628, 1174253, 1176424, 1179840, 1180005, 1180302, 1183195, 12189957, Bosch 0120469008, 0120469030, 0120469102, 0120469521, 0120469585, 0986034430, 0986034431, VW 049903015H, 049903017, EuroTec 11090053, 12034430, Mahle 11201903, 72735383, AAK3318, IA0903, MG384, MG433, Cargo 112747, WAI 12294N, 12294R, Ford 1620918, 83DB10346AA, Faun 1702121, 4792491, Remy 19093017, PIC 220413, Spidan 3567SP, Fiat 42522722, Iveco 42522960, Valeo 436418, Elstock 480529, PSH 516002055, Still 521566, LIEBHERR 6000973, 6104073, EAI 75560, Volvo 9002904208, EDR 934430, 934430N, Magneti Marelli 943357775, MAR905, Friesen 9934430F, HC CA501IR, HCA501IR, Remy DRA4430, DRA4430N, ATL L34940, Lucas LRA00936, Nikko R941520

APLICAÇÕES:

DEUTZ-FAHR KHD

✓ BF 10 L 513	05/86->
✓ BF 6 L 513	10/87->

FORD CARGO

✓ KHD-F6L	08/82->

IVECO TRUCK

✓ 110, 180, 300 KHD	01/83->

STEYR

✓ Pinzgauer Turbo D.	10/86->

Ref. 06.516002055+ ■ 06.110873

55A
24V

Informação Técnica

REFERÊNCIAS:
Mercedes Benz 0051548102, 0061543902, 0061544002, A0061544002, Bosch 0120469519, 0120469520, 0120469579, 0120469580, 0120469752, 0120469753, 0120469772, 0120469773, 0986034070, VW 049903015L, Mahle 11201781, 72735432, AAK1394, IA0781, MG433, Cargo 112288, EuroTec 12031250, 12033620, 12034040, 12034070, EAI 12294, WAI 12294N, 12294R, PIC 220406A, Spidan 3586SP, Valeo 434010, Elstock 482838, Renault 5000785941, 5001014139, PSH 516001055, Still 523217, Steyr 61200090043, 61500090019, EAI 75884, EDR 934070, EF30704, Magneti Marelli 943356264, MAR860, Friesen 9934070F, Electrolog ALT1173sa, ALT7904sa, ALT7905sa, STR1173sa, HC CA595, CA595IR, HCA595IR, Remy DRA4070, KTR KTR1032002110, ATL L31250, L33620, 34070, L34430, Lucas LRA02484, Prestolite MDA3921

APLICAÇÕES:

DEUTZ-FAHR KHD

✓ BF 10 L 513	05/86->
✓ BF 6 L 513	10/87->

FORD CARGO

✓ KHD-F6L 413 / 24V	08/82->

IVECO TRUCK

✓ 110, 180, 300 KHD	01/83->

LIEBHERR

✓ BF6L914, BF6L914	

STEYR

✓ Pinzgauer Turbo D	10/86->

Ref. 06.516001055 ■ 06.516001055+

95A
12V

Informação Técnica

REFERÊNCIAS:
KHD 01182968, 01183439, 01183624, 1182968, 1183439, AAK3817, AAK4378, AAK4849, IA1326, MG24, Mahle 11203524, 11204049, 11204463, PSH 515004095

APLICAÇÕES:

DEUTZ-FAHR KHD

✓ Máquinas Industriais

LINDE

✓ Empilhadores

Ref. 06.515004095OE

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70A
24V

Informação Técnica

REFERÊNCIAS:
Bosch 0124555010, PIC 2205316, Lucas 23527, LRA02527, Elstock 484721, Iveco 504013371, PSH 506505070, Remy DRA0318

APLICAÇÕES:

IVECO
- ✓ Camiões

Ref. 06.506505070

90A
24V

Informação Técnica

REFERÊNCIAS:
Bosch 0124655005, 0986045430, Iveco 04892320, Mahle 11209603, 72445477, IA9451, MG813, EuroTec 12045430, WAI 12594N, PIC 2205293, Elstock 484860, Iveco 4892320, PSH 506503090, Spidan 6241SP, EDR 945430, Friesen 9945430F, AAN5392, Electrolog ALT1278sa, HC CA1812IR, HCA1812IR, Remy DRB5430, DRB5430X, KTR KTR1013006180, ATL L45430, Lucas LRA02536

APLICAÇÕES:

IVECO
- ✓ 100, 120, 130, 150, 320-E27T, Eurocargo 150E, Eurocargo 180E 09/00->

Ref. 06.506503090OE ■ 06.506503070OE

90A
24V

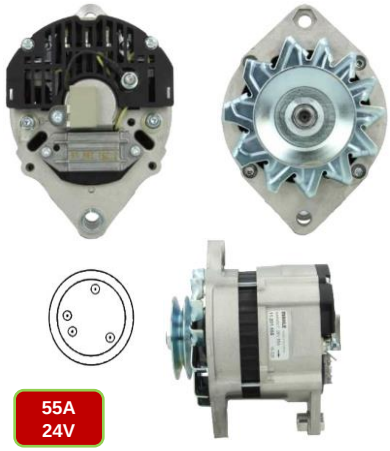
Informação Técnica

REFERÊNCIAS:
Bosch 0123525502, 0986046040, F042303078, Cargo 112427, EuroTec 12045170, 12046040, 12090607, Lester 12590, 20406, WAI 12590N, 20366N, PIC 203052, 2205305, Iveco 2995980, 00315943, 504028095, 504065776, 504114397, 504349338, 504349350, Elstock 484552, 484563, PSH 506501090, Spidan 6063SP, EAI 75921, Remy 8600498, Prestolite 860712, 861286MIT, Hella 8EL737916001, EDR 946040, Friesen 9990333F, Mitsubishi A004TA0591, A004TA0592, A004TA8291, A004TA8492, A4004TA8292, A4TA0591, A4TA0592, A4TA8291, A4TA8292, A4TA8492, A4TA8492AM, Unipoint ALT3523A, F042A03078, Electrolog ALT5093sa, HC CA1633IR, HCA1633IR, Remy DRA1356, DRB6040, DRB6040N, KTR KTR1013002180, ATL L45170, L46040, L68830, Lucas LRA02516

APLICAÇÕES:

IVECO
- ✓ Eurostar LD 440 11/99->
- ✓ Stralis AD 440, Stralis AS 440, Stralis AT 440

Ref. 06.506501090+



55A
24V

Informação Técnica

REFERÊNCIAS:
Bosch 0120469048, 0120469549, 0120469634, 0120469679, 0120469849, 0120469890, 0986034420, F042301020, Andre Niermann 02469890, Cargo 111987, Mahle 11201555, AAK4507, IA0555, MG399, EuroTec 12034420, 12039130, WAI 12135N, Remy 19025106, PIC 220357, Spidan 3613SP, Chrysler 38520137A, Valeo 436417, Fiat 4757192, 4757193, 47571930, 4757194, Elstock 481592, 4844266, PSH 506003055, Prestolite 860576, Wilson 90156225, Iveco 98419034, 99465867, Friesen 9934420F, Unipoint ALT0107, F042A01020, HC CA326IR, HCA326IR, Remy DRA4420, Lucas LRA00938, LRA938

APLICAÇÕES:

FIAT AGRI
- ✓ Di130 8.1 07/81->12/89
- ✓ Di150c 5.9 09/88->12/90
- ✓ Fa/Fd 10.3, Fa/Fd 13.8 01/84->12/91
- ✓ Fe12 3.7 12/86->12/88

Ref. 06.506003055

120A
12V

Informação Técnica

REFERÊNCIAS:
Denso 1012101100, 1012101101, 1012101440, 1202272, DAN1084, DAN995, EuroTec 12090381, WAI 20357N, Elstock 285924, PSH 505583120, Fiat 51793678, 51820624, 51854902, Magneti Marelli 63377018, 63377018010, MAN7018, EDR 930723, 95511968, HC CA2050IR, Remy DRA0723, Lucas LRA03312

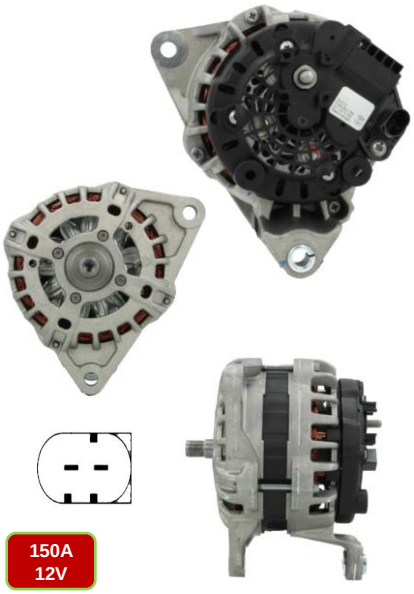
APLICAÇÕES:

ALFA ROMEO
- ✓ Giulietta 1.6 01/10->

FIAT
- ✓ Brava 1.6 03/10->
- ✓ Brava 2.0 09/08->12/09
- ✓ Croma 1.9D 06/05->03/11

LANCIA
- ✓ Delta 1.6D 08/08->12/09

Ref. 06.505583120+ ■ 06.AMA1051



150A
12V

Informação Técnica

REFERÊNCIAS:
Bosch 0986082310, F000BL0704, F000BL07N9, EuroTec 12090441, WAI 20546N, 20546NOS, 23836N, Elstock 286652, Iveco 504385138, PSH 505578150, EAI 57598, Lucas LRA03542

APLICAÇÕES:

FIAT
- ✓ Ducato 3.0D 06/11->

IVECO
- ✓ Daily III 3.0D 05/06->

Ref. 06.505578150OE

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06.110179
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06.111513
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06.AHI1013

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06.112121
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06.112292
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06.112327
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06.112397
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06.595023070+
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06.111176
06.AAK3122
06.CGB-13274

06.575581150OR+
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06.AMI1105
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06.112578
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06.113248
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06.575563125OE
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* As marcas e números originais servem apenas como referência, excepto onde mencionadas como tal.

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06.235001075+

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06.635002085+
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06.635002120+

06.596002030
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06.5755780750E

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06.575569087+
06.575570098
06.5755700980E
06.575571098R
06.575571098

06.575560125+
06.575560125
06.575560125HC
06.AVA1050
06.112471

06.575538150E
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06.575579120OR+
06.114463
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06.575536110+
06.575536110
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06.112679
06.575508120ROE

06.575506105+
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06.AVA1061
06.CA535IR

06.555404190
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06.555404190ROE

06.555001033
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06.555541120R+

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