



2024 / ED. 119

NEWS

PRODUCT LAUNCHES | JUNE



5852

Clutch Pulley
| Pg. 02

illustrative image



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2080



STARTER DRIVE

MOTOR

DENSO: 4280006410

HONDA: 31200Z6L003

APPLICATION

HONDA: Motor GX630 | Motor GX630H | Motor GX630R | Motor GX630RH

TECHNICAL DIMENSIONS

No. of Teeth (T): 10 | **Pinion O.D. (mm) (G):** 31.8 | **Full Length (L):** 53.5 | **Nr. Splines (SLP):** 5 | **Bushing ø (ID):** 11 | **Cover ø (D):** 41.5 | **Depth of Recess mm (RH):** 2.1 | **Direction of Rotation:** CCW | **Family:** 047

REGIONS

Brazil, Asia

2081



STARTER DRIVE

MOTOR

HYUNDAI: 361003C260

REMY: 8000767

APPLICATION

HYUNDAI: Azera | Santa Fé

KIA: Cadenza | Sedona | Sorento

TECHNICAL DIMENSIONS

No. of Teeth (T): 11 | **Pinion O.D. (mm) (G):** 29.7 | **Full Length (L):** 40.1 | **Nr. Splines (SLP):** 8 | **Bushing ø (ID):** 12 | **Cover ø (D):** 46.5 | **Direction of Rotation:** CW | **Family:** 117

REGIONS

USA

2082



STARTER DRIVE

MOTOR

DENSO: 4380001462

APPLICATION

FORD: F150

TECHNICAL DIMENSIONS

No. of Teeth (T): 13 | **Pinion O.D. (mm) (G):** 40 | **Full Length (L):** 58.5 | **Nr. Splines (SLP):** 10 | **Bushing ø (ID):** 11.02 | **Cover ø (D):** 45.6 | **Direction of Rotation:** CW | **Family:** 162

REGIONS

Mexico

5850



CLUTCH PULLEY

ORIGINAL CODE OR EQUIVALENT

INA: F555097

LUK: 535013810

RENAULT: 231000009R | 7711497423

APPLICATION

RENAULT: Laguna | Latitude

TECHNICAL DIMENSIONS

Nr. Fillets (R): 7 | **Groove ø mm (RD):** 60.5 | **Recess ø mm (ID)::** 17.06 | **Thread (S):** 17 | **Width (W) mm:** 43.9 | **Distance of the 1st Fillet (Z) mm:** 13.1 | **External ø 1 (mm) (OD1):** 63 | **Recess Height (H):** 17.2 | **Direction of Rotation:** CW | **Family:** 500

REGIONS

Europe

5852



CLUTCH PULLEY

ORIGINAL CODE OR EQUIVALENT

INA: F568003 | F628551

LUK: 535026210

WAI: 2483309

ALTERNATOR

CHRYSLER: 04801768AA | 04801768AC | 04801768AD | 4801768AA | 4801768AC | 4801768AD | 4801768AE

LESTER: 11443

MITSUBISHI: A003TX0381 | A003TX0381ZC

APPLICATION

DODGE: Ram 2500 | Ram 3500

RAM: 2500 | 3500 | 4500 | 5500

TECHNICAL DIMENSIONS

Nr. Fillets (R): 8 | **Groove ø mm (RD):** 60 | **Recess ø mm (ID)::** 17.06 | **Thread (S):** 17 | **Width (W) mm:** 43.1 | **Distance of the 1st Fillet (Z) mm:** 8.5 | **External ø 1 (mm) (OD1):** 64 | **Recess Height (H):** 17.2 | **Direction of Rotation:** CW | **Family:** 500

REGIONS

Brazil, South America, USA

5851



CLUTCH PULLEY

ORIGINAL CODE OR EQUIVALENT

INA: F23383401 | F23383402 | F23383403 | F551359

LUK: 535006910

MERCEDES BENZ: A0101548902 | A9061550715 | A9061551415

APPLICATION

MERCEDES BENZ: Atego 1318A | Citaro O530

TECHNICAL DIMENSIONS

Nr. Fillets (R): 8 | **Groove ø mm (RD):** 57.2 | **Recess ø mm (ID)::** 17.06 | **Thread (S):** 16 | **Width (W) mm:** 46.5 | **Distance of the 1st Fillet (Z) mm:** 11.8 | **External ø 1 (mm) (OD1):** 61.8 | **Recess Height (H):** 11.3 | **Direction of Rotation:** CW | **Family:** 500

REGIONS

Europe

5854



CLUTCH PULLEY

ORIGINAL CODE OR EQUIVALENT

LITENS: 2626951 | 371C31167

ALTERNATOR

VALEO: C00090138 | TG15S

APPLICATION

SAIC: Maxus T60 | Maxus T70 | Maxus V80

TECHNICAL DIMENSIONS

Nr. Fillets (R): 6 | **Groove ø mm (RD):** 55.9 | **Recess ø mm (ID)::** 17.06 | **Thread (S):** 16 | **Width (W) mm:** 40.7 | **Distance of the 1st Fillet (Z) mm:** 13 | **External ø 1 (mm) (OD1):** 60.9 | **Recess Height (H):** 11.1 | **Direction of Rotation:** CW | **Family:** 500

REGIONS

South America, Asia

31048

STARTER MOTOR



ORIGINAL CODE OR EQUIVALENT

BOSCH: 9000453068

MERCEDES BENZ: 0041512401 | A0041512401

REMY: 10479292

ZM: 8013502

APPLICATION

DECAROLI: 714 | 784 T1/2 | NG 4 T1

MERCEDES BENZ: L 2635 | LS 1625 | LS 1630 | LS 1935 | LS 1941 | O400R | O400RS | O400RSD | O400RSL | O400UP | O400UPA | OH 1625 L | OH 1628 L | OH 1635 L | OHL 1624 G | OHL 1628 | OHL 1630 | OHL 1635

TECHNICAL DIMENSIONS

Power: 6,7 | **Tension:** 24 | **Nr Teeth:** 12 | **Pinion OD:** 46,23 |

Mounting ø: 89 | **Rest Position:** 48 | **Full Length:** 430 |

Direction of Rotation: CW | **Nr Mounting Holes:** 3 | **Family:** 653

REGIONS

Brazil

31049

STARTER MOTOR



ORIGINAL CODE OR EQUIVALENT

BOSCH: 9009453079 | F000AL0161

FORD: TAR911023

ISKRA: IS0784

MAHLE: MS311

MWM: 905720100080

PRESTOLITE: 35259440 | M93R3092SE

REMY: 8200357

SEG: 9000453079 | T001002009

VOLKSWAGEN: TAR911023

APPLICATION

FORD: Cargo 1618 | Chassi de ônibus B 1618 | Chassi de ônibus B 1621

VOLKSWAGEN: 16180 | 16210 | 17210 | 17240 OT | L 80 | Ônibus B 16180

TECHNICAL DIMENSIONS

Power: 4 | **Tension:** 24 | **Nr Teeth:** 10 | **Pinion OD:** 37,8 |

Mounting ø: 98,2 | **Rest Position:** 21,5 | **Full Length:** 336 |

Direction of Rotation: CW | **Nr Mounting Holes:** 3 | **Family:** 653

REGIONS

Brazil

34014

STARTER MOTOR



ORIGINAL CODE OR EQUIVALENT

CATERPILLAR: 1121767 | 1420539 | 1430538 | 1430539 | 3E7905 | 6V0492 | OR4316 | OR4319 **DENSO:** 2280001350 | 2280001351 | 2280001352 | 2280001420 | 2280001421 | 2280001422 **EURO:** 20635 **ZM:** 8014008

APPLICATION

CATERPILLAR: Retroescavadeira

TECHNICAL DIMENSIONS

Power: 2,7 | **Tension:** 12 | **Nr Teeth:** 10 | **Pinion OD:** 40 | **Mounting ø:** 88,8 | **Rest Position:** 29 | **Full Length:** 298 | **Direction of Rotation**

: CW | **Nr Mounting Holes:** 3 | **Family:** 656

REGIONS

Brazil

70004



STARTER RELAY REPAIR (PLUNGER)

ORIGINAL CODE OR EQUIVALENT

ZM: 50694

APPLICATION

ZEN: Pistão Automático Motor Partida 12V Motor Perkins

TECHNICAL DIMENSIONS

Family: 951

REGIONS

Brazil

70005



STARTER RELAY REPAIR (CAP)

ORIGINAL CODE OR EQUIVALENT

ZM: 50191

APPLICATION

ZEN: Reparo Automático Motor Partida 12V Motor Perkins

TECHNICAL DIMENSIONS

Family: 950

REGIONS

Brazil

70006



STARTER RELAY REPAIR (CAP)

ORIGINAL CODE OR EQUIVALENT

ZM: 53191

APPLICATION

ZEN: Reparo Automático Motor Partida 12V Motor JF

TECHNICAL DIMENSIONS

Family: 950

REGIONS

Brazil

70008



STARTER RELAY WITH HOUSING 24V

ORIGINAL CODE OR EQUIVALENT

ZM: 8940403

MOTOR

DENSO: 2280000633 | 2280001832 | 2280005641

APPLICATION

DENSO: Relé de Partida com Mancal do Motor de Partida

TECHNICAL DIMENSIONS

Tension (V): 24 | **Battery Terminal (B+):** M10 | **Motor Terminal (M):** M10 | **Ignition Terminal (S):** M5 | **Full Length (L) (mm):** 141.7 | **External Diameter (OD) (mm):** 68 | **Mounting Holes (NH):** 2 | **Family:** 1102

REGIONS

Brazil

70450



STARTER RELAY 12V

ORIGINAL CODE OR EQUIVALENT

BOSCH: F042010581

REMY: 1115589 | 1985280

ZM: 450

MOTOR

REMY: 1990311 | 1990312 | 1990318 | 1990321 | 1990322 | 1990326 | 1990327 | 1990336 | 1993709 | 1993712 | 1993719 | 1993726 | 1993728 | 1993745 | 1993746

APPLICATION

BOBCAT: Skid Steer Loaders

CASE: Tractor Farm 5288 | Tractor Farm 7288

CATERPILLAR: Tractor Farm D3B-SA

CUMMINS: Equipamentos

INTERNATIONAL: Heavy Duty Truck Cargostar | Medium Truck Cargostar | Tractor Agricultural 3088 | Tractor Agricultural 3288 | Tractor Agricultural 3688 | Tractor Agricultural 5088 | Tractor Agricultural 5288 | Tractor Agricultural 5488 | Tractor Agricultural 6588 | Tractor Agricultural Hydro 84

LISTER PETERS: Tractors HL4 Series | Tractors HL6 Series

PERKINS: Tractor 2-110 | Tractor 2-88

REMY: Motores de partida 37MT

WAUKESHA: Motor

TECHNICAL DIMENSIONS

Tension (V): 12 | **Battery Terminal (B+):** 3/8 | **Motor Terminal (M):** 3/8 | **Ignition Terminal (S):** 10-32 | **Full Length (L) (mm):** 121 | **External Diameter (OD) (mm):** 68.5 | **Mounting Holes (NH):** 3 | **Family:** 1051

REGIONS

Brazil

70461



STARTER RELAY 24V

ORIGINAL CODE OR EQUIVALENT

BOSCH: F042010595

REMY: 1115595 | 1115601 | 1115608

ZM: 461

MOTOR

REMY: 10478820 | 10478839 | 10478980 | 10478981 | 10478986 | 10478989 | 10478990 | 10478996 | 10479012 | 10479022 | 10479067 | 1990344 | 1990350 | 1990357 | 1990359 | 1990360 | 1990361 | 1990364 | 1990366 | 1990367 | 1990368 | 1990371 | 1990373 | 1990378 | 1990382 | 1990383 | 1990388 | 1990389 | 1990413 | 1990415 | 1990418 | 1990422 | 1990432 | 1990434 | 1990435 | 1990436 | 1990437 | 1990447 | 1990453 | 1990454 | 1990455 | 1990456 | 1990457 | 1990459 | 1990460 | 1990462 | 1990463 | 1990464 | 1990474 | 1990485 | 1990491 | 1990493 | 1990497 | 1993784 | 1993786 | 1993788 | 1993796 | 1993797 | 1993801 | 1993802 | 1993804 | 1993805 | 1993808 | 1993810 | 1993812 | 1993814 | 1993815 | 1993826 | 1993828 | 1993833 | 1993835 | 1993923 | 1993924 | 1993987 | 1993991 | 1993993

APPLICATION

CASE: 180

CATERPILLAR: 1670 | 1673 | 16G | 245 | 3406 | 3408 | 3412 | 3508 | 3512 | 3516 | 621B | 621E | 623B | 623E | 776 | 776B | 777 | 777B | 824 | 824C | 825C | 826C | 910 | 916 | 926 | 926E | 980C | 980F | 983B | D8N | IT 14B

CLARK: 110 | 110III | 110III-H | 180III | 210I | 210III | 210III-H | 280 | 280III | 280IIIA

CUMMINS: Ingersoll Rand DD 6-110 | Série 14.0L | Série 6C 8.3 litros | Série L10 | Série L14 | Série V 9.1 litros

FIAT ALLIS: FW 160, 170, 200

REMY: Motores de partida 42MT

TEREX: 33-05, 72-21, 72-21AA | 72-31, 72-31AA, 72-31B, 72-31F, 72-31M | 72-41, 72-41AA, 72-51, 72-51BA | 72-61, 72-61AA, 72-71, 78SH | 82-20, 82-30, 82-30B, 82-30FA | 82-30FAM, 82-30FAT, 82-30G, 82-30GA | 82-40, 82-40CA, 82-40FAT, 82-80, 82-80DA | S-23E, TS-18, TS-24, TS-24A, TS-32 | TS-14, TS-14B

TECHNICAL DIMENSIONS

Tension (V): 24 | **Battery Terminal (B+):** 1/2 | **Motor Terminal (M):** 1/2 | **Ignition Terminal (S):** 10-32 | **Full Length (L) (mm):** 121.5 | **External Diameter (OD) (mm):** 69.2 | **Mounting Holes (NH):** 3 | **Family:** 1112

REGIONS

Brazil

70479



STARTER RELAY 12V

ORIGINAL CODE OR EQUIVALENT

BOSCH: 2339303227 | F000SH0123

ZM: 479

MOTOR

ALFA ROMEO: 46437520

BOSCH: 0001109018 | 0001109030 | 0001109048

FIAT: 46430721 | 4643307210 | 46437520

APPLICATION

FIAT: Strada

TECHNICAL DIMENSIONS

Tension (V): 12 | **Battery Terminal (B+):** M8 | **Motor Terminal (M):** M8 | **Ignition Terminal (S):** M6 | **Full Length (L) (mm):** 65.9 | **External Diameter (OD) (mm):** 57 | **Mounting Holes (NH):** 3 | **Plunger Rod Width (WE) (mm):** 5.1 | **Plunger Rod Length (LE) (mm):** 10.5 | **Family:** 1002

REGIONS

Brazil

70490



STARTER RELAY 12V

ORIGINAL CODE OR EQUIVALENT

VALEO: 594118 | 594140 | 594426

ZM: 490

MOTOR

VALEO: D6RA100 | D6RA43 | D7R1 | D7R11 | D7R15 | D7R151 | D7R3

APPLICATION

CITROËN: 2 CV | Acadiane | Ami | AX | Dyane | Mehari | Saxo | Xsara

PEUGEOT: 106

TECHNICAL DIMENSIONS

Tension (V): 12 | **Battery Terminal (B+):** M8 | **Motor Terminal (M):** M8 | **Ignition Terminal (S):** M5 | **Full Length (L) (mm):** 59.8 | **External Diameter (OD) (mm):** 54 | **Mounting Holes (NH):** 3 | **Family:** 1001

REGIONS

Brazil

70491



STARTER RELAY 12V

ORIGINAL CODE OR EQUIVALENT

BOSCH: F042010371

VALEO: 594045 | CED552 | NE777

ZM: 491

MOTOR

VALEO: D6RA10 | D6RA13 | D6RA15 | D6RA20 | D6RA42 | D6RA5 | D6RA7

APPLICATION

CITROËN: AX | Berlingo | BX | C15 | Saxo | Xsara | ZX

PEUGEOT: 106 | 205 | 206 | 306 | 309 | 405 | Partner

TECHNICAL DIMENSIONS

Tension (V): 12 | **Battery Terminal (B+):** M8 | **Motor Terminal (M):** M8 | **Ignition Terminal (S):** Conector | **Full Length (L) (mm):** 60.3 | **External Diameter (OD) (mm):** 53.8 | **Mounting Holes (NH):** 3 | **Family:** 1012

REGIONS

Brazil

70495



STARTER RELAY 12V

ORIGINAL CODE OR EQUIVALENT

VALEO: 594347 | CED5033

ZM: 495

MOTOR

BOSCH: 986018570 | 986018571 | F009AL0101

MERCEDES BENZ: 0041518501 | 0051511101 | 0051512101 | 0051514701 | 0061510301 | A0041518501 | A0051511101 | A0051512101 | A0061510301

VALEO: D6RA83 | D7E18 | D7E38 | D7E4 | D7E8

APPLICATION

MERCEDES BENZ: A-Class

TECHNICAL DIMENSIONS

Tension (V): 12 | **Battery Terminal (B+):** M8 | **Motor Terminal (M):** M8 | **Ignition Terminal (S):** M5 | **Full Length (L) (mm):** 60.3 | **External Diameter (OD) (mm):** 54 | **Mounting Holes (NH):** 3 | **Family:** 1001

REGIONS

Brazil

70503



STARTER RELAY 12V

ORIGINAL CODE OR EQUIVALENT

BOSCH: 9330451014 | 9331451030

WAPSA: 22916

ZM: 503

MOTOR

BOSCH: 9000453038 | 9000453042 | 9000453044 | 9000453045 | 9000453061

WAPSA: MALF3 | MPB4

APPLICATION

CLARK: Empilhadeira CHY 100 | Empilhadeira CHY 120 | Empilhadeira CHY 140 | Empilhadeira CHY 60 | Empilhadeira CHY 70 | Empilhadeira CHY 80

FORD: F100 | F350 | F600 | Galaxie | LTD Landau

HYSTER: Empilhadeira

MASSEY FERGUSON: Trator

VOLKSWAGEN: Caminhão

TECHNICAL DIMENSIONS

Tension (V): 12 | **Battery Terminal (B+):** 5/16 | **Motor Terminal (M):** 5/16 | **Ignition Terminal (S):** 10-32 | **Full Length (L) (mm):** 71 | **External Diameter (OD) (mm):** 57 | **Mounting Holes (NH):** 2 | **Family:** 1113

REGIONS

Brazil

70511



STARTER RELAY 12V

ORIGINAL CODE OR EQUIVALENT

BOSCH: 9331451008

WAPSA: 22932

ZM: 511

MOTOR

BOSCH: 9000451003 | 9000451011

WAPSA: MWB19

APPLICATION

VOLKSWAGEN: Gol | Parati | Passat | Saveiro | Voyage

TECHNICAL DIMENSIONS

Tension (V): 12 | **Battery Terminal (B+):** M8 | **Motor Terminal (M):** M8 | **Ignition Terminal (S):** M4 | **Full Length (L) (mm):** 76.3 | **External Diameter (OD) (mm):** 57 | **Mounting Holes (NH):** 3 | **Family:** 1114

REGIONS

Brazil

70512



STARTER RELAY 12V

ORIGINAL CODE OR EQUIVALENT

BOSCH: 9331451013

WAPSA: 22934

ZM: 512

MOTOR

BOSCH: 9000451002

WAPSA: MWB18

APPLICATION

VOLKSWAGEN: Brasília | Gol | Kombi | Saveiro | Sedan

TECHNICAL DIMENSIONS

Tension (V): 12 | **Battery Terminal (B+):** M8 | **Motor Terminal (M):** M8 | **Ignition Terminal (S):** M4 | **Full Length (L) (mm):** 76.3 | **External Diameter (OD) (mm):** 57 | **Mounting Holes (NH):** 3 | **Family:** 1108

REGIONS

Brazil

70513



STARTER RELAY 12V

ORIGINAL CODE OR EQUIVALENT

BOSCH: 9331451010

WAPSA: 22917

ZM: 513

MOTOR

BOSCH: 9000452001 | 9000452003

VOLKSWAGEN: 0689110232

WAPSA: MWB17

APPLICATION

VOLKSWAGEN: Kombi | Saveiro

TECHNICAL DIMENSIONS

Tension (V): 12 | **Battery Terminal (B+):** M8 | **Motor Terminal (M):** M8 | **Ignition Terminal (S):** M4 | **Full Length (L) (mm):** 76.3 | **External Diameter (OD) (mm):** 57 | **Mounting Holes (NH):** 3 | **Family:** 1001

REGIONS

Brazil

70525



STARTER RELAY 12V

ORIGINAL CODE OR EQUIVALENT

BOSCH: 0331302076 | 0331302576 | 9330041009

ZM: 525

MOTOR

BOSCH: 0001211209 | 0001211210

APPLICATION

VOLKSWAGEN: Dasher | Passat

TECHNICAL DIMENSIONS

Tension (V): 12 | **Battery Terminal (B+):** M8 | **Motor Terminal (M):** M8 | **Ignition Terminal (S):** M4 | **Full Length (L) (mm):** 91.2 | **External Diameter (OD) (mm):** 50.5 | **Mounting Holes (NH):** 2 | **Plunger Rod Width (WE) (mm):** 4.7 | **Plunger Rod Length (LE) (mm):** 10.5 | **Family:** 1115

REGIONS

Brazil

70546



STARTER RELAY 24V

ORIGINAL CODE OR EQUIVALENT

BOSCH: 9330081023

ZM: 546

MOTOR

BOSCH: 9000083024 | 9000083025

APPLICATION

FIAT: 100 | 130 | 70

TECHNICAL DIMENSIONS

Tension (V): 24 | **Battery Terminal (B+):** M10 | **Motor Terminal (M):** M10 | **Ignition Terminal (S):** M5 | **Full Length (L) (mm):** 91 | **External Diameter (OD) (mm):** 61.2 | **Mounting Holes (NH):** 3 | **Plunger Rod Width (WE) (mm):** 6 | **Plunger Rod Length (LE) (mm):** 10.4 | **Family:** 1103

REGIONS

Brazil

70597



STARTER RELAY 12V

ORIGINAL CODE OR EQUIVALENT

VALEO: 102849 | 103489 | 103794 | 105489 | 181069 | 182461 | CED533 | CED538 | CED544

ZM: 597

MOTOR

VALEO: 432536 | 432538 | 432574 | D7R89 | D9R73 | D9R91

APPLICATION

FORD: F1000 | Scorpio | Sierra

GENERAL MOTORS/CHEVROLET: S10

MERCEDES BENZ: Sprinter

PEUGEOT: 305 | 306 | 504 | 505 | 604 | J9

RENAULT: Trafic

TECHNICAL DIMENSIONS

Tension (V): 12 | **Battery Terminal (B+):** M8 | **Motor Terminal (M):** M8 | **Ignition Terminal (S):** Conector | **Full Length (L) (mm):** 59.8 | **External Diameter (OD) (mm):** 54 | **Family:** 1063

REGIONS

Brazil

70547



STARTER RELAY 24V

ORIGINAL CODE OR EQUIVALENT

BOSCH: 9330081045 | 933A081045

ZM: 547

MOTOR

BOSCH: 9000083065

APPLICATION

MERCEDES BENZ: L1317 | L1517 | O371 | OF1115 | OF1315 | OF1318 | OF1721 | OH1315 | OH1621

TECHNICAL DIMENSIONS

Tension (V): 24 | **Battery Terminal (B+):** M10 | **Motor Terminal (M):** M10 | **Ignition Terminal (S):** M6 | **Full Length (L) (mm):** 82.5 | **External Diameter (OD) (mm):** 61.2 | **Mounting Holes (NH):** 3 | **Plunger Rod Length (LE) (mm):** 20.3 | **Family:** 1025

REGIONS

Brazil

70602



STARTER RELAY 12V

ORIGINAL CODE OR EQUIVALENT

HONDA: 31210PC2026 | 31210PE1171

ZM: 602

MOTOR

MITSUBA: SM30204 | SM30207 | SM30216

APPLICATION

HONDA: Civic | Concerto | CR-V | CR-X | Integra | Jazz

TECHNICAL DIMENSIONS

Tension (V): 12 | **Battery Terminal (B+):** M8 | **Motor Terminal (M):** M8 | **Ignition Terminal (S):** Plug | **Full Length (L) (mm):** 68 | **External Diameter (OD) (mm):** 50.5 | **Mounting Holes (NH):** 3 | **Plunger Rod Length (LE) (mm):** 3 | **Family:** 1077

REGIONS

Brazil

70606



STARTER RELAY 12V

ORIGINAL CODE OR EQUIVALENT

HONDA: 31210P01005 | 31210P13904 | 31210P30005 | 31210PT0904

ZM: 606

MOTOR

MITSUBA: SM30224 | SM30225 | SM30244 | SM30245 | SM30246 | SM30248 | SM40202 | SM40203 | SM40213N | SM40215 | SM40215N | SM40216N

APPLICATION

HONDA: Accord | Acura | Civic | CR-X | Integra | Prelude

TECHNICAL DIMENSIONS

Tension (V): 12 | **Battery Terminal (B+):** M8 | **Motor Terminal (M):** M8 | **Ignition Terminal (S):** Plug | **Full Length (L) (mm):** 66.5 | **External Diameter (OD) (mm):** 50.5 | **Mounting Holes (NH):** 3 | **Plunger Rod Length (LE) (mm):** 3 | **Family:** 1077

REGIONS

Brazil

70609



STARTER RELAY 12V

ORIGINAL CODE OR EQUIVALENT

HONDA: 31210P0A004 | 31210PAAA02

ZM: 609

MOTOR

HONDA: 31200P0A004 | 31200PAAA02

ISUZU: 5862026060 | 5862061680

MITSUBA: SM42202 | SM442020W

APPLICATION

ACURA: CL

HONDA: Accord | Odyssey

ISUZU: Oasis

TECHNICAL DIMENSIONS

Tension (V): 12 | **Battery Terminal (B+):** M8 | **Motor Terminal (M):** M8 | **Ignition Terminal (S):** Conector | **Full Length (L) (mm):** 63 | **External Diameter (OD) (mm):** 51.2 | **Mounting Holes (NH):** 3 | **Plunger Rod Length (LE) (mm):** 3 | **Family:** 1077

REGIONS

Brazil

70671



STARTER RELAY 12V

ORIGINAL CODE OR EQUIVALENT

BOSCH: 9330081047 | 9330081055

ZM: 671

MOTOR

BOSCH: 9000082055 | 9000082067 | 9000082071 | 9000082075 | 9000082084

APPLICATION

RENAULT: 18 | 21 | Trafic

TECHNICAL DIMENSIONS

Tension (V): 12 | **Battery Terminal (B+):** M8 | **Motor Terminal (M):** M8 | **Ignition Terminal (S):** M4 | **Full Length (L) (mm):** 67 | **External Diameter (OD) (mm):** 57 | **Mounting Holes (NH):** 3 | **Plunger Rod Width (WE) (mm):** 5.1 | **Plunger Rod Length (LE) (mm):** 10.5 | **Family:** 1014

REGIONS

Brazil

70731



STARTER RELAY 12V

ORIGINAL CODE OR EQUIVALENT

BOSCH: 0331401038 | 0331401045 | F002G20247 |

F002G20846

ZM: 731

MOTOR

BOSCH: 0001358049 | 0001358201 | 0001359072 | 0001359073 | 0001359081 | 0001359082 | 0001359099 | 0001359100 | 0001359106 | 0001359108 | 0001359119 | 0001362015 | 0001362025 | 0001362036 | 0001362058 | 0001362063 | 0001362074 | 0001362300 | 0001362306 | 0001362310 | 0001366001 | 0001366002 | 0001366003 | 0001366009 | 0001366012 | 0001366013 | 0001366014 | 0001366016 | 0001366017 | 0001366018 | 0001366020 | 0001366024 | 0001366027 | 0001366028 | 0001366029 | 0001367001 | 0001367004 | 0001367005 | 0001367007 | 0001367009 | 0001367010 | 0001367013 | 0001367023

FORD: BF0T11K390AB

APPLICATION

FORD: F250 | F3500 | F4000

IVECO: 110-13 | 130-13 | 75-9 | 80-13 | 80-9 | 90-13

TECHNICAL DIMENSIONS

Tension (V): 12 | **Battery Terminal (B+):** M10 | **Motor Terminal (M):** M10 | **Ignition Terminal (S):** M5 | **Full Length (L) (mm):** 83.2 | **External Diameter (OD) (mm):** 61 | **Mounting Holes (NH):** 3 | **Plunger Rod Length (LE) (mm):** 20 | **Family:** 1025

REGIONS

Brazil

70762



STARTER RELAY 12V

ORIGINAL CODE OR EQUIVALENT

FORD: F6VZ11390AA

MOTORCRAFT: SW5112 | SW5203

ZM: 762

MOTOR

FORD: F6VU11000AA | F6VZ11002AA | SA822

APPLICATION

FORD: Crown Victoria | E series | Expedition | F series

LINCOLN: Mark | Navigator | Town Car

MERCURY: Cougar | Marquis

TECHNICAL DIMENSIONS

Tension (V): 12 | **Battery Terminal (B+):** M8 | **Motor Terminal (M):** M8 | **Ignition Terminal (S):** M6 | **Full Length (L) (mm):** 80 | **External Diameter (OD) (mm):** 51.4 | **Mounting Holes (NH):** 2 | **Plunger Rod Width (WE) (mm):** 5.5 | **Plunger Rod Length (LE) (mm):** 10.2 | **Family:** 1021

REGIONS

Brazil

70790



STARTER RELAY 12V

ORIGINAL CODE OR EQUIVALENT

MAZDA: M371X69171

NISSAN: 2334330R11

ZM: 790

APPLICATION

DODGE:

HYUNDAI:

MAZDA:

PLYMOUTH:

SUZUKI: Samurai

TECHNICAL DIMENSIONS

Tension (V): 12 | **Battery Terminal (B+):** M8 | **Motor Terminal (M):** M8 | **Ignition Terminal (S):** Conector | **Full Length (L) (mm):** 72.7 | **External Diameter (OD) (mm):** 51.2 | **Mounting Holes (NH):** 4 | **Plunger Rod Width (WE) (mm):** 5.2 | **Plunger Rod Length (LE) (mm):** 9 | **Family:** 1070

REGIONS

Brazil

70795



STARTER RELAY 12V

ORIGINAL CODE OR EQUIVALENT

MITSUBISHI: M371X66571 | SB665

ZM: 795

MOTOR

MITSUBISHI: M001T73581 | M001T74481 | M001T74482 | M1T73581 | M1T74481 | M1T74482

APPLICATION

DODGE: Monaco

EAGLE: Medallion | Premier

TECHNICAL DIMENSIONS

Tension (V): 12 | **Battery Terminal (B+):** M8 | **Motor Terminal (M):** M8 | **Ignition Terminal (S):** M5 | **Full Length (L) (mm):** 72.6 | **External Diameter (OD) (mm):** 51.2 | **Mounting Holes (NH):** 4 | **Plunger Rod Width (WE) (mm):** 5.2 | **Plunger Rod Length (LE) (mm):** 9 | **Family:** 1021

REGIONS

Brazil

70808



STARTER RELAY 12V

ORIGINAL CODE OR EQUIVALENT

REMY: 10457061

ZM: 808

MOTOR

CUMMINS: 3924410

REMY: 10479613 | 10479618 | 10479625 | 10479628 | 10479630 | 10479636 | 10479640 | 10479641 | 1113271 | 1113283 | 1113285

APPLICATION

CASE: Retroescavadeira

CUMMINS: Equipamentos

REMY: Motores de partida 28MT

TECHNICAL DIMENSIONS

Tension (V): 12 | **Battery Terminal (B+):** M10 | **Motor Terminal (M):** M8 | **Ignition Terminal (S):** M5 | **Full Length (L) (mm):** 106.5 | **External Diameter (OD) (mm):** 57 | **Mounting Holes (NH):** 2 | **Plunger Rod Width (WE) (mm):** 8 | **Plunger Rod Length (LE) (mm):** 13 | **Family:** 1071

REGIONS

Brazil

70821



STARTER RELAY 12V

ORIGINAL CODE OR EQUIVALENT

FORD: 88DR11001A

ZM: 821

MOTOR

PRESTOLITE: 35258000

APPLICATION

FORD: F100 | F1000 | F150 | Fairlane | Falcon

TECHNICAL DIMENSIONS

Tension (V): 12 | **Battery Terminal (B+):** M8 | **Motor Terminal (M):** M8 | **Ignition Terminal (S):** M5 | **Full Length (L) (mm):** 91.5 | **External Diameter (OD) (mm):** 50.2 | **Mounting Holes (NH):** 2 | **Plunger Rod Length (LE) (mm):** 20 | **Family:** 1116

REGIONS

Brazil

70836



STARTER RELAY 24V

ORIGINAL CODE OR EQUIVALENT

BOSCH: 2339403014

DAF: 1448595

ZM: 836

MOTOR

BOSCH: 0001371015 | 0001371016 | 0001371018 | 0001372007 | 0001372008

DAF: 1357210 | 1357211 | 1357212 | 1357213

APPLICATION

DAF: 85 CF | 95 XF | CF 85

TECHNICAL DIMENSIONS

Tension (V): 24 | **Battery Terminal (B+):** M12 | **Motor Terminal (M):** M12 | **Ignition Terminal (S):** M6 | **Full Length (L) (mm):** 100 | **External Diameter (OD) (mm):** 66 | **Mounting Holes (NH):** 4 | **Plunger Rod Width (WE) (mm):** 15 | **Plunger Rod Length (LE) (mm):** 18.3 | **Family:** 1117

REGIONS

Brazil

70866



STARTER RELAY 12V

ORIGINAL CODE OR EQUIVALENT

HYUNDAI: 3612025020

ZM: 866

MOTOR

HYUNDAI: 3610025020 | 3610025020RU

REMY: 112611 | 8000169 | 8000172 | DRS0145

APPLICATION

HYUNDAI: Genesis Coupe | Santa Fe | Sonata

KIA: Forte | Forte Koup | Magentis | Optima | Rondo

TECHNICAL DIMENSIONS

Tension (V): 12 | **Battery Terminal (B+):** M8 | **Motor Terminal (M):** M8 | **Ignition Terminal (S):** Plug | **Full Length (L) (mm):** 74 | **External Diameter (OD) (mm):** 52.5 | **Mounting Holes (NH):** 3 | **Plunger Rod Width (WE) (mm):** 5.5 | **Plunger Rod Length (LE) (mm):** 12.3 | **Family:** 1046

REGIONS

Brazil, North America

70873



STARTER RELAY 12V

ORIGINAL CODE OR EQUIVALENT

BOSCH: 0331303066 | 2339303239 | 9330081062 | 933A081062

ZM: 873

MOTOR

BOSCH: 0001110017 | 0001110999 | 0001208507 | 0001208516 | 0001208707 | 0001507707 | 9000082062

APPLICATION

CITROËN: Berlingo | Evasion

PEUGEOT: 306 | 405 | 504

TECHNICAL DIMENSIONS

Tension (V): 12 | **Battery Terminal (B+):** M8 | **Motor Terminal (M):** M8 | **Ignition Terminal (S):** Conector | **Full Length (L) (mm):** 67 | **External Diameter (OD) (mm):** 56.5 | **Mounting Holes (NH):** 3 | **Plunger Rod Width (WE) (mm):** 4.6 | **Plunger Rod Length (LE) (mm):** 10.6 | **Family:** 1018

REGIONS

Brazil

70875



STARTER RELAY 12V

ORIGINAL CODE OR EQUIVALENT

BOSCH: 9330081060

ZM: 875

MOTOR

BOSCH: 9000081007 | 9000082074

APPLICATION

VOLKSWAGEN: Quantum | Santana

TECHNICAL DIMENSIONS

Tension (V): 12 | **Battery Terminal (B+):** M8 | **Motor Terminal (M):** M8 | **Ignition Terminal (S):** M4 | **Full Length (L) (mm):** 71.4 | **External Diameter (OD) (mm):** 56.5 | **Mounting Holes (NH):** 3 | **Plunger Rod Width (WE) (mm):** 4.8 | **Plunger Rod Length (LE) (mm):** 10.6 | **Family:** 1002

REGIONS

Brazil

70892



STARTER RELAY 12V

ORIGINAL CODE OR EQUIVALENT

BOSCH: F042010515

FORD: F4TZ11390A

MITSUBISHI: SC074

MOTORCRAFT: SWE5064

ZM: 892

MOTOR

FORD: F4TU11000AA | F4TZ11002A | F4TZ11002ARM | F4TZ11002B | F5TU11000AA | F5TU11000AD

MITSUBISHI: M008T50072 | M8t50071 | M8T50071A | M8T50072 | M8T50171

MOTORCRAFT: SA817 | SA817RM

APPLICATION

FORD: E 350 Series | E series | Excursion | F series | F250 | F350 | F450 | F550 | F59 Series Truck | Heavy-Duty Trucks 450 series | Heavy-Duty Trucks 550 series | Heavy-Duty Trucks 650 series | Heavy-Duty Trucks 750 series | Medium Trucks 450 series | Medium Trucks 550 series | Medium Trucks 650 series | Medium Trucks 750 series

TECHNICAL DIMENSIONS

Tension (V): 12 | **Battery Terminal (B+):** M10 | **Motor Terminal (M):** M8 | **Ignition Terminal (S):** M5 | **Full Length (L) (mm):** 88.6 | **External Diameter (OD) (mm):** 55.6 | **Mounting Holes (NH):** 4 | **Plunger Rod Width (WE) (mm):** 6.5 | **Plunger Rod Length (LE) (mm):** 10 | **Family:** 1024

REGIONS

Brazil, Central America

70981



STARTER RELAY 24V

ORIGINAL CODE OR EQUIVALENT

HITACHI: 22405700

ISUZU: 8941529810

ZM: 981

MOTOR

HITACHI: S2403C | S2407 | S2413 | S2414 | S2503A | S25161

ISUZU: 8942549221 | 8944234520

YANMAR: 11913177010 | 11913177011

APPLICATION

ISUZU: NKR | NPR | TLD

YANMAR: Mini Escavador

TECHNICAL DIMENSIONS

Tension (V): 24 | **Battery Terminal (B+):** M8 | **Motor**

Terminal (M): M8 | **Ignition Terminal (S):** M4 | **Full Length**

(L) (mm): 78.5 | **External Diameter (OD) (mm):** 52.6 |

Mounting Holes (NH): 2 | **Plunger Rod Width (WE) (mm):** 4.7

| **Plunger Rod Length (LE) (mm):** 11.4 | **Family:** 1081

REGIONS

Brazil, Central America

71362



STARTER RELAY 24V

ORIGINAL CODE OR EQUIVALENT

REMY: 1115682

ZM: 1362

MOTOR

CATERPILLAR: 1438434 | 9X9995 | 9Y1945

REMY: 10478961 | 10478969 | 10479013 | 10479172 |

10479292 | 10479310

APPLICATION

ATLAS COPCO: XAMS355

CATERPILLAR: Carregadeira 938F | Excavator 322 L

MERCEDES BENZ: 1632L | 1632LS | 1634LS | 1938L | 1938LS |

1944L | 2638L, LS, LK | OF 1722 | OH 1628 | Plataforma O 400

RSD | Plataforma O 400 SRE

REMY: Motores de partida 41MT | Motores de partida 42MT

TECHNICAL DIMENSIONS

Family: 1121

REGIONS

Brazil

71371

STARTER RELAY 12V



ORIGINAL CODE OR EQUIVALENT

BOSCH: 2339304015 | 2339304047 | 2339304050

ZM: 1371

MOTOR

BOSCH: 0001107043 | 0001107087 | 0001107407 | 0001107410
| 0001107417 | 0001107418 | 0001107499 | 0001107500 |
0001107501 | 0001107502 | 0001108408 | 0001108430 |
0001108431 | 0001109204 | 0001109341 | 0001109389 |
F004A94410

FORD: 1307578 | 1309581 | 1344589 | 1570611 |
2S6U11000CA | 2S6U11000CB | 2S6U11000DA | 2S6U11000DB
| 4M5T11000CA | 4M5T11000CB | 96FB11000KB |
96FB11000KC | 96FB11000KD

APPLICATION

FORD: Courier | Fiesta | Focus | Fusion | Ka | Puma

VOLVO: S40 | V50

TECHNICAL DIMENSIONS

Tension (V): 12 | **Battery Terminal (B+):** M8 | **Motor Terminal (M):** M8 | **Ignition Terminal (S):** M6 | **Full Length (L) (mm):** 63.2 | **External Diameter (OD) (mm):** 52.3 | **Mounting Holes (NH):** 3 | **Plunger Rod Width (WE) (mm):** 5.1 | **Plunger Rod Length (LE) (mm):** 10.5 | **Family:** 1002

REGIONS

Brazil

71391

STARTER RELAY 12V



ORIGINAL CODE OR EQUIVALENT

ZM: 1391

MOTOR

KIA: 3610002560

VALEO: 1195248

APPLICATION

HYUNDAI: Amica | Atoz | Click | i10

KIA: Picanto

TECHNICAL DIMENSIONS

Tension (V): 12 | **Battery Terminal (B+):** M8 | **Motor Terminal (M):** M6 | **Ignition Terminal (S):** Conector | **Full Length (L) (mm):** 53.3 | **External Diameter (OD) (mm):** 43.2 | **Mounting Holes (NH):** 2 | **Plunger Rod Width (WE) (mm):** 4.5 | **Plunger Rod Length (LE) (mm):** 8.6 | **Family:** 1110

REGIONS

Brazil

71428



STARTER AUXILIARY RELAY 24V

ORIGINAL CODE OR EQUIVALENT

MITSUBISHI: U001T42072

ZM: 1428

MOTOR

MITSUBISHI: M009T61671 | M9T61671

APPLICATION

IVECO: Iveco

TECHNICAL DIMENSIONS

Tension (V): 24 | **Battery Terminal (B+):** 10.5 | **Motor Terminal (M):** 5.4 | **Ignition Terminal (S):** M5 | **Full Length (L) (mm):** 66 | **External Diameter (OD) (mm):** 31 | **Mounting Holes (NH):** 2 | **Family:** 1055

REGIONS

Brazil

71695



STARTER RELAY 12V

ORIGINAL CODE OR EQUIVALENT

BOSCH: F042010412

MITSUBISHI: M371X94071

ZM: 1695

MOTOR

MITSUBISHI: M1T79481 | M1T79482

APPLICATION

DODGE: Dakota

JEEP: Cherokee | Wrangler

TECHNICAL DIMENSIONS

Tension (V): 12 | **Battery Terminal (B+):** M8 | **Motor Terminal (M):** M8 | **Ignition Terminal (S):** M5 | **Full Length (L) (mm):** 72.6 | **External Diameter (OD) (mm):** 51.2 | **Mounting Holes (NH):** 4 | **Plunger Rod Width (WE) (mm):** 8.4 | **Plunger Rod Length (LE) (mm):** 9 | **Family:** 1021

REGIONS

Brazil

71698



STARTER RELAY 12V

ORIGINAL CODE OR EQUIVALENT

MITSUBISHI: M371X64971 | SB642 | SB642M | SB644 | SB649 | SB662

ZM: 1698

MOTOR

MITSUBISHI: M000T32771 | M008T71471 | M008T71471ZE | M0T32771 | M1T72581 | M1T72583 | M1T72681 | M1T73281 | M1T73283 | M1T74381 | M1T75181 | M1T75381 | M2T20181D | M2T31081 | M8T71471 | M8T71471ZE

NISSAN: 233008H801 | 233008H80A | 23300AU600 | 23300AU601

APPLICATION

HYUNDAI: Sonata

MAZDA: Mazda 2

MITSUBISHI: 3000 | Galant | Pajero | Sigma

NISSAN: Almera | Primera

TECHNICAL DIMENSIONS

Tension (V): 12 | **Battery Terminal (B+):** M8 | **Motor Terminal (M):** M8 | **Ignition Terminal (S):** Conector | **Full Length (L) (mm):** 72.6 | **External Diameter (OD) (mm):** 51.4 | **Mounting Holes (NH):** 4 | **Plunger Rod Width (WE) (mm):** 5.2 | **Plunger Rod Length (LE) (mm):** 9 | **Family:** 1070

REGIONS

Brazil

71760



STARTER RELAY 12V

ORIGINAL CODE OR EQUIVALENT

FORD: E90Z11390A | E90Z11390B | F02Z11390A | F3VY11390A | F3VY11390B | F4DZ11390A

MOTORCRAFT: SW2188 | SW2207 | SW2245 | SW2502 | SW2502A | SW5038

ZM: 1760

MOTOR

FORD: E9SF11000AA | E9SF11000BA | E9SZ11002A | E9SZ11002B | E9Y111002A | E9Y111002B | F02F11000AA | F02U11000AA | F02Z11002A | F07U11000AA | F07U11000BA | F0CF11000AA | F0CF11000BA | F0CU11000AA | F0CU11000AB | F0CU11000BA | F0CU11001AA | F0CU11001AB | F0CU11001BA | F0FZ11002A | F0FZ11002B | F0OU11000AA | F0OY11002A | F0TZ11002A | F0TZ11002B | F13U11000AA | F13Z11002A | F17U11000AB | F1TZ11002A | F1VU11000AA | F1VY11002A | F23U11000AA | F23U11000BC | F23Z11002A | F23Z11002B | F2DU11000AA | F2DU11000BA | F2DZ11002A | F2HT11000AA | F2HT11000BA | F2HZ11002A | F2HZ11002B | F2TU11000AA | F2TU11000BA | F2TU11000CA | F2TZ11002A | F2TZ11002B | F2TZ11002C | F2VY11000AC | F2VY11000AD | F2VY11002A | F3DU11000AA | F3DU11000BA | F3DZ11002A | F3DZ11002B | F3LU11000AA | F3LY11002A | F4CU11000AA | F4CU11000BA | F4FU11000AA | F4LU11000AA | F67U11000AA | F67Z11002AA | F6DU11000AA | F6DZ11002A | F90F11000AA | F90F11000BA

APPLICATION

FORD: Taurus | Tempo | Windstar

LINCOLN: Continental

MERCURY: Sable | Topaz

TECHNICAL DIMENSIONS

Tension (V): 12 | **Battery Terminal (B+):** M8 | **Motor Terminal (M):** M8 | **Ignition Terminal (S):** Conector | **Full Length (L) (mm):** 80 | **External Diameter (OD) (mm):** 51.4 | **Mounting Holes (NH):** 2 | **Plunger Rod Width (WE) (mm):** 5.5 | **Plunger Rod Length (LE) (mm):** 10.2 | **Family:** 1070

REGIONS

Brazil

71860



STARTER RELAY 12V

ORIGINAL CODE OR EQUIVALENT

REMY: 1114583

ZM: 1860

MOTOR

MERCURY MARINE: 50806963A2 | 50806963A3 | 50806963A4 | 50806965A2 | 50807904A1 | 50812429A2 | 50863007A1

OMC: 3850526 | 3854750 | 3855882 | 3856003 | 3858463 | 3860566 | 988217

REMY: 9000821 | 9000822 | 9000840 | 9000844 | 9000867 | 9000884 | 9000885 | 9000895

VOLVO PENTA: 38547501 | 38560033

APPLICATION

CLARK: Lift Trucks

DAEWOO: Lift Trucks

REMY: Motores de partida PG260 F1 | Motores de partida PG260 G | Motores de partida PG260 L | Motores de partida PG260 M

TECHNICAL DIMENSIONS

Tension (V): 12 | **Battery Terminal (B+):** M8 | **Motor Terminal (M):** M8 | **Full Length (L) (mm):** 75 | **External Diameter (OD) (mm):** 52.5 | **Mounting Holes (NH):** 3 | **Plunger Rod Width (WE) (mm):** 5.2 | **Plunger Rod Length (LE) (mm):** 12 | **Family:** 1120

REGIONS

Brazil

72281



STARTER RELAY 12V

ORIGINAL CODE OR EQUIVALENT

BOSCH: 2339345058

ZM: 2281

MOTOR

BOSCH: 0001192091 | 0001192622 | 000119262274N

GENERAL MOTORS/CHEVROLET: 55514718 | 55515480 | 914778233

APPLICATION

GENERAL MOTORS/CHEVROLET: Onix | OnixSedan | Tracker

TECHNICAL DIMENSIONS

Tension (V): 12 | **Battery Terminal (B+):** M8 | **Motor Terminal (M):** M6 | **Ignition Terminal (S):** Plug | **Full Length (L) (mm):** 61.6 | **External Diameter (OD) (mm):** 47 | **Mounting Holes (NH):** 2 | **Plunger Rod Width (WE) (mm):** 6.8 | **Plunger Rod Length (LE) (mm):** 5 | **Family:** 1006

REGIONS

Brazil

72371



STARTER RELAY 12V

ORIGINAL CODE OR EQUIVALENT

BOSCH: 2339304002 | 2339304018 | 2339304021 | 2339304039
ZM: 2371

MOTOR

BOSCH: 0001107406 | 0001108171 | 0001108184 | 0001110112
 | 0001115008
MERCEDES BENZ: 0051511601 | 0051513901

APPLICATION

MERCEDES BENZ: A-Class | C-Class | CLK-Class | E-Class |
 SLK-Class | Vaneo

TECHNICAL DIMENSIONS

Tension (V): 12 | **Battery Terminal (B+):** M8 | **Motor Terminal (M):** M8 | **Ignition Terminal (S):** M6 | **Full Length (L) (mm):** 70.2 | **External Diameter (OD) (mm):** 52.3 | **Mounting Holes (NH):** 3 | **Plunger Rod Width (WE) (mm):** 5.1 | **Plunger Rod Length (LE) (mm):** 10.5 | **Family:** 1002

REGIONS

Brazil

72407



STARTER AUXILIARY RELAY 12V

ORIGINAL CODE OR EQUIVALENT

REMY: 10515812 | 10515872 | 10524149
ZM: 2407

MOTOR

MERCEDES BENZ: A00115287
REMY: 10479646 | 10479651 | 8200003 | 8200013 | 8200063 |
 8200103 | 8200295 | 8200972

APPLICATION

FORD: F650 | F750
INTERNATIONAL: 3000 | 4000 | BE | CE | Dura Star | Heavy Duty Truck 1652 | Heavy Duty Truck 3900 SeriesBus | Heavy Duty Truck 4200 Series | Medium Truck 1652 | Medium Truck 3000 Series | Medium Truck 3900 Series | Medium Truck 4000 Series | Medium Truck 4200 Series | Medium Truck 4900 Series | Terra Star
MERCEDES BENZ: 1418 | 1720 | 710 | 712 | LO712 | LO812 | LO814
REMY: Motores de partida 29MT

TECHNICAL DIMENSIONS

Tension (V): 12 | **Battery Terminal (B+):** M6 | **Motor Terminal (M):** M6 | **Ignition Terminal (S):** M6 | **Full Length (L) (mm):** 57.5 | **External Diameter (OD) (mm):** 36 | **Mounting Holes (NH):** 2 | **Family:** 1067

REGIONS

Brazil

72452



STARTER RELAY 12V

ORIGINAL CODE OR EQUIVALENT

REMY: 1115623 | D917A

ZM: 2452

MOTOR

REMY: 10478805 | 10478927 | 10478928 | 10478929 |
10478930 | 10478957 | 10479014 | 10479015 | 10479016 |
10479034 | 10479054 | 10479186 | 1993851 | 1993894 |
1993956 | 1993957 | 1993958 | 1993967 | 1993981 | 1993988
| 1993992

APPLICATION

CASE: Cotton Pickers

FORD: Trator

MASSEY FERGUSON: Combines

NEW HOLLAND: Colheitadeira | Trator

REMY: Motores de partida 37MT

TECHNICAL DIMENSIONS

Tension (V): 12 | **Battery Terminal (B+):** 1/2 - 13 | **Motor Terminal (M):** 1/2 x 1/4 | **Full Length (L) (mm):** 121 |
External Diameter (OD) (mm): 69 | **Mounting Holes (NH):** 3 |
Family: 1118

REGIONS

Brazil

72579



STARTER RELAY 12V

ORIGINAL CODE OR EQUIVALENT

ISKRA: 16905524

ZM: 2579

MOTOR

ISKRA: 11130166 | AZD3502 | AZE3508

APPLICATION

FIAT: 128 | 600 | Regata | Ritmo | Uno | X 1/9

LANCIA: Delta | Gamma | Prisma

ZASTAVA: 101 | Florida | Yugo

TECHNICAL DIMENSIONS

Tension (V): 12 | **Battery Terminal (B+):** M8 | **Motor Terminal (M):** M8 | **Ignition Terminal (S):** Conector | **Full Length (L) (mm):** 66.8 | **External Diameter (OD) (mm):** 56.5 |
Mounting Holes (NH): 2 | **Plunger Rod Width (WE) (mm):** 5 |
Plunger Rod Length (LE) (mm): 11 | **Family:** 1109

REGIONS

Brazil

72591



STARTER RELAY 12V

ORIGINAL CODE OR EQUIVALENT

ZM: 2591

MOTOR

FORD: HL3T11002AB | HL3Z11002A | JL1Z11002A | JL1Z11002B | JL3T11000CB | JL3T11000CC | JL3T11000CD | JL3T11000D | JL3Z11002 | JL3Z11002B | JL3Z11002D | JL3Z11002E | ML3T11000BB | ML3Z11002A | ML3Z11002B | ML3Z11002E

MOTORCRAFT: SA1120 | SA1131

VALEO: 1217130A | 1217130B | 1217130SPB | 1217264SPB | 1221244C | 1221244SP | RSM16A13 | RSM16A16 | RSM16A19 | RSM16A195P | RSM16A26

APPLICATION

FORD: Expedition | F150 | F151 | F152

LINCOLN: Navigator

TECHNICAL DIMENSIONS

Tension (V): 12 | **Battery Terminal (B+):** M8 | **Motor Terminal (M):** M8 | **Ignition Terminal (S):** M6 | **Full Length (L) (mm):** 66 | **External Diameter (OD) (mm):** 54.3 | **Mounting Holes (NH):** 3 | **Plunger Rod Width (WE) (mm):** 3 | **Plunger Rod Length (LE) (mm):** 13.2 | **Family:** 1098

REGIONS

Brazil

72716



STARTER RELAY 12V

ORIGINAL CODE OR EQUIVALENT

PRESTOLITE: 35640710 | K01335

ZM: 2716

MOTOR

PRESTOLITE: 35258430

APPLICATION

GENERAL MOTORS/CHEVROLET: C series | C-20 | Silverado

TECHNICAL DIMENSIONS

Tension (V): 12 | **Battery Terminal (B+):** M10 | **Motor Terminal (M):** M8 | **Ignition Terminal (S):** Conector | **Full Length (L) (mm):** 60 | **External Diameter (OD) (mm):** 52.5 | **Mounting Holes (NH):** 2 | **Plunger Rod Width (WE) (mm):** 4.7 | **Plunger Rod Length (LE) (mm):** 7.7 | **Family:** 1081

REGIONS

Brazil

72699



STARTER RELAY 12V

ORIGINAL CODE OR EQUIVALENT

MAZDA: E35618X10

MINI: M371X60171 | MD607889 | MD618728 | SB601

ZM: 2699

MOTOR

MINI: M0T70381 | M1T70481 | M1T70483 | M1T73381 | M1T73383 | M2T40081 | M2T49881 | M3T32591 | M3T32593 | M3T41081 | M3T41083 | M3T42781 | M3T43381

APPLICATION

HYUNDAI: Accent | Elantra | H100 | Pony | Porter | Sonata

MINI: Celeste | Colt | Eclipse | Galant | L200 | L300 | Lancer | Pajero | Sapporo | Space | Starion

TECHNICAL DIMENSIONS

Tension (V): 12 | **Battery Terminal (B+):** M8 | **Motor Terminal (M):** M8 | **Ignition Terminal (S):** Conector | **Full Length (L) (mm):** 71.5 | **External Diameter (OD) (mm):** 51.5 | **Mounting Holes (NH):** 4 | **Plunger Rod Width (WE) (mm):** 5.4 | **Plunger Rod Length (LE) (mm):** 9.1 | **Family:** 1013

REGIONS

Brazil

72898



STARTER RELAY 24V

ORIGINAL CODE OR EQUIVALENT

MINI: M371X20171 | M700307 | SB201

ZM: 2898

MOTOR

MINI: M004T50073 | M004T50171 | M4T50073 | M4T50171

APPLICATION

MINI: Bus | Fuso | Truck

TECHNICAL DIMENSIONS

Tension (V): 24 | **Battery Terminal (B+):** M8 | **Motor Terminal (M):** M8 | **Ignition Terminal (S):** M5 | **Full Length (L) (mm):** 107.1 | **External Diameter (OD) (mm):** 55.2 | **Mounting Holes (NH):** 2 | **Plunger Rod Width (WE) (mm):** 6 | **Plunger Rod Length (LE) (mm):** 13 | **Family:** 1039

REGIONS

Brazil

72903



COMMAND RELAY 12V

ORIGINAL CODE OR EQUIVALENT

BOSCH: 0331101012

ZM: 2903

MOTOR

BOSCH: 0001413004 | 0001413005 | 0001418009 | 0001418011

APPLICATION

VOLVO: Caminhões | LM 218 | T800 | T810 | Truck

TECHNICAL DIMENSIONS

Tension (V): 12 | **Ignition Terminal (S):** Wire | **Full Length (L) (mm):** 93 | **External Diameter (OD) (mm):** 86 | **Mounting Holes (NH):** 2 | **Family:** 1035

REGIONS

Brazil

72993



STARTER RELAY 12V

ORIGINAL CODE OR EQUIVALENT

ZM: 2993

MOTOR

GENERAL MOTORS/CHEVROLET: 9160556 | 9198664

LOMBARDINI: SS544

MITSUBISHI: M000T82081 | M000T85381 | M000T86081 | M001T80381 | M002T80582 | M002T84771 | M002T87671 | M2T87671

OPEL: 4500256 | 4502433 | 9160556 | 9198664

RENAULT: 7700300522 | 7700313447 | 7711134622

APPLICATION

OPEL: Movano

RENAULT: Master

VAUXHALL: Movano

TECHNICAL DIMENSIONS

Tension (V): 12 | **Battery Terminal (B+):** M8 | **Motor Terminal (M):** M8 | **Ignition Terminal (S):** M5 | **Full Length (L) (mm):** 81 | **External Diameter (OD) (mm):** 51.5 | **Mounting Holes (NH):** 2 | **Plunger Rod Width (WE) (mm):** 5.4 | **Plunger Rod Length (LE) (mm):** 9.1 | **Family:** 1008

REGIONS

Brazil

73281



STARTER RELAY 12V

ORIGINAL CODE OR EQUIVALENT

BOSCH: 2339345034

ZM: 3281

MOTOR

BOSCH: 0001194019 | 0001194020

FIAT: 52033810 | 521994081

APPLICATION

FIAT: Argo | Cronos | Mobi | Uno

TECHNICAL DIMENSIONS

Tension (V): 12 | **Battery Terminal (B+):** M8 | **Motor Terminal (M):** M6 | **Ignition Terminal (S):** Plug | **Full Length (L) (mm):** 60.9 | **External Diameter (OD) (mm):** 47 | **Mounting Holes (NH):** 2 | **Plunger Rod Width (WE) (mm):** 6.9 | **Plunger Rod Length (LE) (mm):** 5.1 | **Family:** 1006

REGIONS

Brazil

73383



STARTER RELAY 12V

ORIGINAL CODE OR EQUIVALENT

BOSCH: 2339305028 | 2339305059 | 2339305081 | 2339305120

ZM: 3383

MOTOR

BOSCH: 0001107421 | 0001107422 | 0001107509 | 0001107534 | 0001108228 | 0001108229 | 0001108405 | 0001108406 | 0001109258 | 0001109421 | 0001125055 | 0001125519

VOLKSWAGEN: 06E911023B | 06E911023BX | 06E911023C | 06E911023CX | 06E911023E | 06E911023EX | 06E911023F | 07C911023F | 07C911023FX

APPLICATION

AUDI: A4 | A5 | A6 | A8 | Q5

PORSCHE: Macan

VOLKSWAGEN: Touareg

TECHNICAL DIMENSIONS

Tension (V): 12 | **Battery Terminal (B+):** M8 | **Motor Terminal (M):** M8 | **Ignition Terminal (S):** Plug | **Full Length (L) (mm):** 65.8 | **External Diameter (OD) (mm):** 52.3 | **Mounting Holes (NH):** 3 | **Plunger Rod Width (WE) (mm):** 5.1 | **Plunger Rod Length (LE) (mm):** 10.5 | **Family:** 1006

REGIONS

Brazil, Asia

73409



STARTER AUXILIARY RELAY 24V

ORIGINAL CODE OR EQUIVALENT

REMY: 10514696 | 10515814 | 10518784 | 10546288

ZM: 3409

MOTOR

MERCEDES BENZ: A0061516701 | A3761510301

REMY: 8200004 | 8200054 | 8200064 | 8200065 | 8200138 | 8200296 | 8200297 | 8200504 | 8200521

APPLICATION

CASE: Motoniveladora 845 | Motoniveladora 845.2 | Pá Carregadeira 521D | W 20 | Wheel Loader 521D | Wheel Loader 621D

FIAT ALLIS: Pá Carregadeira FG 140.2

MERCEDES BENZ: 1215 | 1218 | 1418 | 1718 | 1720 | 1725 | 2423 | 2428 | 712 | 715 | 915 | Accelo | OF 1721 | OH 1420 | OH 1621 L | OH 1623

NEW HOLLAND: Motoniveladora RG 140.B | Motoniveladora RG 170.B | W130

REMY: Motores de partida 29MT

TECHNICAL DIMENSIONS

REGIONS

Brazil

73479



STARTER RELAY 12V

ORIGINAL CODE OR EQUIVALENT

BOSCH: 6033AD0074

ZM: 3479

MOTOR

BOSCH: 0001223003 | 0001223007

IVECO: 42535273

APPLICATION

IVECO: Daily

TECHNICAL DIMENSIONS

Tension (V): 12 | **Battery Terminal (B+):** M8 | **Motor Terminal (M):** M8 | **Ignition Terminal (S):** M6 | **Full Length (L) (mm):** 70.3 | **External Diameter (OD) (mm):** 56.5 | **Mounting Holes (NH):** 3 | **Plunger Rod Width (WE) (mm):** 4.8 | **Plunger Rod Length (LE) (mm):** 10.6 | **Family:** 1002

REGIONS

Brazil

73492



STARTER RELAY 12V

ORIGINAL CODE OR EQUIVALENT

VALEO: 494815

ZM: 3492

MOTOR

VALEO: 438182 | 9641649480 | D7E24

APPLICATION

PEUGEOT: 206

RENAULT: Clio | Kangoo

TECHNICAL DIMENSIONS

Tension (V): 12 | Battery Terminal (B+): M8 | Motor Terminal (M): M8 | Ignition Terminal (S): M5 | Full Length (L) (mm): 58.5 | External Diameter (OD) (mm): 54 | Mounting Holes (NH): 3 | Plunger Rod Width (WE) (mm): 3 | Plunger Rod Length (LE) (mm): 13 | Family: 1098

REGIONS

Brazil

73494



STARTER RELAY 12V

ORIGINAL CODE OR EQUIVALENT

VALEO: 594365

ZM: 3494

MOTOR

VALEO: 432623 | D6RA572

APPLICATION

CITROËN: Berlingo | Saxo | ZX

PEUGEOT: 106 | 306 | 405 | Partner | Ranch

TECHNICAL DIMENSIONS

Tension (V): 12 | Battery Terminal (B+): M8 | Motor Terminal (M): M8 | Ignition Terminal (S): M5 | Full Length (L) (mm): 59.8 | External Diameter (OD) (mm): 54 | Mounting Holes (NH): 3 | Family: 1001

REGIONS

Brazil

73651



STARTER RELAY 12V

ORIGINAL CODE OR EQUIVALENT

BOSCH: 1987BE2015

FIAT: 9941308 | 9942333

MARELLI: 85540231 | 85540471 | 85540473 | 85540501 | 85540991

ZM: 3651

MOTOR

FIAT: 46231570 | 46406469 | 46432301 | 7668988 | 7680616 | 7716198

MARELLI: 63221832 | 63221892 | 63222831 | 63222832 | 63222833 | 63222836 | 63222837 | 63222897 | 63223031 | 63223032 | 63223033 | 63223431 | 63223436 | 63223530 | 63223531 | 943222831

APPLICATION

FIAT: Cinquecento | Tempra | Tipo | Uno

LANCIA: Dedra

TECHNICAL DIMENSIONS

Tension (V): 12 | **Battery Terminal (B+):** M8 | **Motor Terminal (M):** M8 | **Ignition Terminal (S):** Conector | **Full Length (L) (mm):** 74.1 | **External Diameter (OD) (mm):** 52.2 | **Fixing Bolts (NS):** 3 | **Plunger Rod Width (WE) (mm):** 6.7 | **Plunger Rod Length (LE) (mm):** 5.8 | **Family:** 1078

REGIONS

Brazil

73671



STARTER AUXILIARY RELAY 12V

ORIGINAL CODE OR EQUIVALENT

BOSCH: 9330080010 | 933A080010

FORD: XC4511450AA

VOLKSWAGEN: 2RK911251 | 621741 | TJG911251P

ZM: 3671

APPLICATION

ASHOK LEYLAND: For Truck Grid Heater

FORD: Para Grid Heater de caminhões Cargo

FREIGHTLINER: For Truck Grid Heater

STERLING: For Truck Grid Heater

VOLKSWAGEN: Para Grid Heater de caminhões

TECHNICAL DIMENSIONS

Tension (V): 12 | **Battery Terminal (B+):** M8 | **Motor Terminal (M):** M8 | **Ignition Terminal (S):** M4 | **Full Length (L) (mm):** 67.8 | **External Diameter (OD) (mm):** 56.5 | **Mounting Holes (NH):** 2 | **Family:** 1067

REGIONS

Brazil

73982



STARTER RELAY 24V

ORIGINAL CODE OR EQUIVALENT

HITACHI: 225037008

ISUZU: 8971617890

ZM: 3982

MOTOR

HITACHI: S25163 | S25163A | S25163B | S25163C | S25163E | S25163F | S25163G | S25168 | S25168A | S25171 | S25308 | S25501 | S25501A | S25501B | S25501C | S25505 | S25505C | S25505F | S25505G | S25505H | S25505J | S25505K | S25515 | S25515A | S25515AS | S25515B | S25515C

ISUZU: 15250511 | 8970324640 | 8970324642 | 8970655260 | 8970958110 | 8970958112 | 8971009261 | 8971617890 | 897323935 | 8973239350 | 8973239351 | 8973239352 | 8980549840 | 8982220181

APPLICATION

ISUZU: ELF | NKR | NQR

NISSAN: Cabstar | Fork Lift | YE 03 | YGF 03

TECHNICAL DIMENSIONS

Tension (V): 24 | **Battery Terminal (B+):** M8 | **Motor Terminal (M):** M8 | **Ignition Terminal (S):** M4 | **Full Length (L) (mm):** 97 | **External Diameter (OD) (mm):** 53 | **Mounting Holes (NH):** 2 | **Plunger Rod Width (WE) (mm):** 4.5 | **Plunger Rod Length (LE) (mm):** 12.6 | **Family:** 1081

REGIONS

Brazil, Central America

74382



STARTER RELAY 12V

ORIGINAL CODE OR EQUIVALENT

BOSCH: 2339305018

PEUGEOT: 583689

ZM: 4382

MOTOR

BOSCH: 0001108183 | 0001108400 | 0001108471 | 0001109364

CITROËN: 5802F6 | 5802W5 | 96253825

FIAT: 1342792080 | 9625382480

PSA: 9648111680

APPLICATION

CITROËN: Berlingo | C-Crosser | C15 | C4 | C5 | C8 | DS | Evasion | Jumper | Jumpy | Visa | Xantia | XM | Xsara | ZX

FIAT: Ducato | Scudo | Ulysse

GENERAL MOTORS/CHEVROLET: Tracker

HYUNDAI: Lantra

LANCIA: Phedra | Zeta

MITSUBISHI: Outlander

PEUGEOT: 206 | 306 | 307 | 308 | 4007 | 405 | 406 | 407 | 508 | 605 | 607 | 806 | 807 | Boxer | Partner

SUZUKI: Grand Vitara

TECHNICAL DIMENSIONS

Tension (V): 12 | **Battery Terminal (B+):** M8 | **Motor Terminal (M):** M8 | **Ignition Terminal (S):** M5 | **Full Length (L) (mm):** 71.3 | **External Diameter (OD) (mm):** 52.3 | **Mounting Holes (NH):** 3 | **Plunger Rod Width (WE) (mm):** 5.1 | **Plunger Rod Length (LE) (mm):** 10.5 | **Family:** 1002

REGIONS

Brazil

74408



STARTER AUXILIARY RELAY 24V

ORIGINAL CODE OR EQUIVALENT

REMY: 10511369 | 10511415

ZM: 4408

MOTOR

CASE: 75264239

REMY: 19011507 | 19011509 | 19011511 | 19011522 | 19011523 | 19011524 | 19011527 | 8200034 | 8200039 | 8200040 | 8200041 | 8200101 | 8200435 | 8200714

APPLICATION

CASE: Colheitadeira de Cana | Grader

FIAT ALLIS: Grader | Trator de Esteira

REMY: Motor de Partida 39MT

TEREX: Empilhadeira | Lift

TECHNICAL DIMENSIONS

Tension (V): 24 | **Battery Terminal (B+):** M6 | **Motor Terminal (M):** M6 | **Ignition Terminal (S):** M5 | **Full Length (L) (mm):** 66 | **External Diameter (OD) (mm):** 31 | **Mounting Holes (NH):** 2 | **Family:** 1111

REGIONS

Brazil

74409



STARTER AUXILIARY RELAY 24V

ORIGINAL CODE OR EQUIVALENT

REMY: 10512097

ZM: 4409

MOTOR

FORD: 6C4511001AA

REMY: 19026030 | 19026032 | 8200000 | 8200024 | 8200072

VOLVO: 11127679 | 20430564

APPLICATION

FORD: Cargo 2632 | Cargo 2932 | Cargo 4532 | Cargo 5032

REMY: Motores de partida 38MT

VOLVO: FH12 | NH12

TECHNICAL DIMENSIONS

Tension (V): 24 | **Battery Terminal (B+):** M6 | **Motor Terminal (M):** M6 | **Ignition Terminal (S):** M5 | **Full Length (L) (mm):** 66 | **External Diameter (OD) (mm):** 31 | **Mounting Holes (NH):** 2 | **Family:** 1067

REGIONS

Brazil

74671



STARTER AUXILIARY RELAY 24V

ORIGINAL CODE OR EQUIVALENT

BOSCH: 9330080012 | 933A080012

VOLKSWAGEN: TAR911251

ZM: 4671

APPLICATION

ASHOK LEYLAND: For Truck Grid Heater

FORD: Para Grid Heater de caminhões Cargo

FREIGHTLINER: For Truck Grid Heater

STERLING: For Truck Grid Heater

VOLKSWAGEN: For Truck Grid Heater

TECHNICAL DIMENSIONS

Tension (V): 24 | **Battery Terminal (B+):** M8 | **Motor Terminal (M):** M8 | **Ignition Terminal (S):** M4 | **Full Length (L) (mm):** 67.8 | **External Diameter (OD) (mm):** 56.5 | **Mounting Holes (NH):** 2 | **Family:** 1067

REGIONS

Brazil

74698



STARTER RELAY 12V

ORIGINAL CODE OR EQUIVALENT

MAZDA: N32618X10

MITSUBISHI: M371X64271 | M371X64273 | M371X64471 | M371X74471 | MD611591

NISSAN: 23343M8210

ZM: 4698

MOTOR

MITSUBISHI: M1T70781 | M1T70881 | M1T71381 | M1T71781 | M1T74181 | M3T27781

APPLICATION

MITSUBISHI: Galant | Pajero | Sigma

NISSAN: Cherry | Micra | Patrol | Prairie | Sunny

TECHNICAL DIMENSIONS

Tension (V): 12 | **Battery Terminal (B+):** M8 | **Motor Terminal (M):** M8 | **Ignition Terminal (S):** Conector | **Full Length (L) (mm):** 71.5 | **External Diameter (OD) (mm):** 51.5 | **Mounting Holes (NH):** 4 | **Plunger Rod Width (WE) (mm):** 5.4 | **Plunger Rod Length (LE) (mm):** 9.1 | **Family:** 1013

REGIONS

Brazil

74898



STARTER RELAY 24V

ORIGINAL CODE OR EQUIVALENT

MITSUBISHI: M371X20571 | SB205

ZM: 4898

MOTOR

MITSUBISHI: M003T56082 | M3T56071 | M3T56072 | M3T56074 | M3T56076 | M3T56082 | M3T56084

APPLICATION

MITSUBISHI: Bus | Empilhadeira / Forklift | Fuso | Fuso Canter | Lift | Truck

TECHNICAL DIMENSIONS

Tension (V): 24 | **Battery Terminal (B+):** M8 | **Motor Terminal (M):** M8 | **Ignition Terminal (S):** M5 | **Full Length (L) (mm):** 107.5 | **External Diameter (OD) (mm):** 55.3 | **Mounting Holes (NH):** 2 | **Plunger Rod Width (WE) (mm):** 6 | **Plunger Rod Length (LE) (mm):** 13 | **Family:** 1039

REGIONS

Brazil

75408



STARTER AUXILIARY RELAY 24V

ORIGINAL CODE OR EQUIVALENT

REMY: 10511369 | 10511415

ZM: 5408

MOTOR

CASE: 75264239

REMY: 19011507 | 19011509 | 19011511 | 19011522 | 19011523 | 19011524 | 19011527 | 8200034 | 8200039 | 8200040 | 8200041 | 8200101 | 8200435 | 8200714

APPLICATION

CASE: Colheitadeira de Cana | Grader

FIAT ALLIS: Grader | Trator de Esteira

REMY: Motor de Partida 39MT

TEREX: Empilhadeira / Forklift | Lift

TECHNICAL DIMENSIONS

Tension (V): 24 | **Battery Terminal (B+):** 12.2 | **Motor Terminal (M):** 5.3 | **Ignition Terminal (S):** 5.2 | **Full Length (L) (mm):** 63.5 | **External Diameter (OD) (mm):** 30.4 | **Mounting Holes (NH):** 2 | **Family:** 1059

REGIONS

Brazil

75590



STARTER RELAY 12V

ORIGINAL CODE OR EQUIVALENT

VALEO: 595838 | CED5270

ZM: 5590

MOTOR

CITROËN: 1606413580 | 5802AS | 5802FC

FORD: 1740948 | 1741087 | 1745176 | 1880119 | 1912881 | 2033120 | 2242412 | BK3T11000CC | BK3T11000DB | BK3T11000FA | CC1T11000BA | CC1T11000BB | CC1T11000DA | CC1T11000DB | CC1T11000DC | CC1T11000DD | KV6T11000DA | KV6Z11002A

MOTORCRAFT: SA1121

VALEO: 1216950 | 438321 | 438360 | 438601 | 458746 | 458749 | 458876 | RSM16A15 | TS2229

APPLICATION

CITROËN: Jumper

FORD: Tourneo | Transit

TECHNICAL DIMENSIONS

Tension (V): 12 | Battery Terminal (B+): M8 | Motor Terminal (M): M8 | Ignition Terminal (S): M6 | Full Length (L) (mm): 66 | External Diameter (OD) (mm): 54.3 | Mounting Holes (NH): 3 | Family: 1001

REGIONS

Brazil

75665



STARTER RELAY 12V

ORIGINAL CODE OR EQUIVALENT

ZM: 5665

MOTOR

DENSO: 4280000680 | 4280001270 | 4280008060

GENERAL MOTORS/CHEVROLET: 12626963 | 12655467 | 12657797

REMY: 25069

APPLICATION

BUICK: Regal

CADILLAC: ATS | CTS

GENERAL MOTORS/CHEVROLET: Colorado | Impala | Malibu | S10

GMC: Canyon

TECHNICAL DIMENSIONS

Tension (V): 12 | Battery Terminal (B+): M8 | Ignition Terminal (S): Plug | Full Length (L) (mm): 84.5 | External Diameter (OD) (mm): 46.7 | Mounting Holes (NH): 2 | Plunger Rod Width (WE) (mm): 1.6 | Plunger Rod Length (LE) (mm): 5.8 | Family: 1052

REGIONS

Brazil

75709



STARTER RELAY 12V

ORIGINAL CODE OR EQUIVALENT

DENSO: 2534002110

ZM: 5709

MOTOR

CHRYSLER: 56029587AA | 56029615AB | 56029615AC | 56029780AB | 56029780AC | 56029780AD | 68348376AA | 68348376AB

DENSO: 2800436 | 4380000080 | 4380000321 | 4380001610 | 4380002400 | 4380002650 | 4380004420 | 4380004560 | 4380009720

GENERAL MOTORS/CHEVROLET: 12652378 | 12658433 | 12663053 | 12678752

APPLICATION

BUICK: Regal

CADILLAC: ATS

CHRYSLER: Pacifica

DODGE: Durango

GENERAL MOTORS/CHEVROLET: Colorado | Malibu

GMC: Canyon

JEEP: Cherokee | Gladiator | Grand Cherokee | Wrangler

RAM: 1500

TECHNICAL DIMENSIONS

Tension (V): 12 | **Battery Terminal (B+):** M8 | **Motor Terminal (M):** M8 | **Ignition Terminal (S):** Plug | **Full Length (L) (mm):** 70.8 | **External Diameter (OD) (mm):** 50.2 | **Fixing Bolts (NS):** 2 | **Plunger Rod Width (WE) (mm):** 2.5 | **Plunger Rod Length (LE) (mm):** 8 | **Family:** 1026

REGIONS

Brazil

76494



STARTER RELAY 12V

ORIGINAL CODE OR EQUIVALENT

ZM: 6494

MOTOR

GENERAL MOTORS/CHEVROLET: 9025295

VALEO: D6G9 | TS14E15

APPLICATION

GENERAL MOTORS/CHEVROLET: Aveo | Sail | Sonic

TECHNICAL DIMENSIONS

Tension (V): 12 | **Battery Terminal (B+):** M8 | **Motor Terminal (M):** M8 | **Ignition Terminal (S):** M6 | **Full Length (L) (mm):** 58.5 | **External Diameter (OD) (mm):** 54 | **Mounting Holes (NH):** 3 | **Plunger Rod Width (WE) (mm):** 13 | **Plunger Rod Length (LE) (mm):** 3 | **Family:** 1098

REGIONS

Latin America

76733



STARTER RELAY 24V

ORIGINAL CODE OR EQUIVALENT

BOSCH: 9330080000
CATERPILLAR: 2Y8068
MTU: 5500007166
MWM: 907120120001
SCANIA: 61458
ZM: 6733

APPLICATION

MWM: Geradores | Motores Estacionários

TECHNICAL DIMENSIONS

Tension (V): 24 | **Full Length (L) (mm):** 97 | **External Diameter (OD) (mm):** 61.2 | **Mounting Holes (NH):** 4 | **Family:** 1118

REGIONS

Brazil

77492



STARTER RELAY 12V

ORIGINAL CODE OR EQUIVALENT

VALEO: 594438
ZM: 7492

MOTOR

RENAULT: 8200049826
VALEO: 438110 | D7E19 | TS10E4

APPLICATION

DACIA: Duster | Logan
NISSAN: Kubistar
RENAULT: Clio | Kangoo | Laguna | Logan | Megane | Sandero | Scénic

TECHNICAL DIMENSIONS

Tension (V): 12 | **Battery Terminal (B+):** M8 | **Motor Terminal (M):** M8 | **Ignition Terminal (S):** M5 | **Full Length (L) (mm):** 60.6 | **External Diameter (OD) (mm):** 54 | **Mounting Holes (NH):** 3 | **Plunger Rod Width (WE) (mm):** 3 | **Plunger Rod Length (LE) (mm):** 13.2 | **Family:** 1098

REGIONS

Brazil

77981



STARTER RELAY 12V

ORIGINAL CODE OR EQUIVALENT

HITACHI: 213097004

NISSAN: 2334310G00

ZM: 7981

MOTOR

HITACHI: S1392A

NISSAN: 2330010G02 | 2330083W00

APPLICATION

NISSAN: Pick-up | Urvan

TECHNICAL DIMENSIONS

Tension (V): 12 | **Battery Terminal (B+):** M8 | **Motor Terminal (M):** M8 | **Ignition Terminal (S):** Conector | **Full Length (L) (mm):** 78.1 | **External Diameter (OD) (mm):** 52.8 | **Mounting Holes (NH):** 2 | **Plunger Rod Width (WE) (mm):** 4.7 | **Plunger Rod Length (LE) (mm):** 11.2 | **Family:** 1023

REGIONS

Brazil

77995



STARTER RELAY 12V

ORIGINAL CODE OR EQUIVALENT

MITSUBISHI: M371XD2071

ZM: 7995

MOTOR

CHRYSLER: 04801854AA

MITSUBISHI: 1810A008 | M000T31671 | M000T31671ZC | M000T32972 | M000T32972ZC | M000T36071 | M0T31671 | M0T32972 | M0T32972ZC | M0T36071

SUZUKI: 3110063J00 | 3110063J10

APPLICATION

CITROËN: C-Crosser

DODGE: Nitro

JEEP: Liberty

MITSUBISHI: ASX | Colt | Lancer | Outlander

NISSAN: March

SUZUKI: Jimny | Swift

TECHNICAL DIMENSIONS

Tension (V): 12 | **Battery Terminal (B+):** M8 | **Motor Terminal (M):** M8 | **Ignition Terminal (S):** Conector | **Full Length (L) (mm):** 63.5 | **External Diameter (OD) (mm):** 51.5 | **Mounting Holes (NH):** 4 | **Plunger Rod Width (WE) (mm):** 5.4 | **Plunger Rod Length (LE) (mm):** 9.1 | **Family:** 1013

REGIONS

Brazil

79381

STARTER RELAY 12V



ORIGINAL CODE OR EQUIVALENT

BOSCH: 2339305122 | 2339305123

ZM: 9381

MOTOR

BOSCH: 0001108411 | 0001109391 | 0001109392 | 0001121422
| 0001121423 | 0001121427 | 0001121428 | 0001121443 |
0001121444 | 0001148003

FIAT: 95681447 | 9658144780

FORD: 6C1T11000AA | 6C1T11000AE | 6C1T11000AF |
6G9N11000CC | 6G9N11000CD | 6G9N11000LA | 6G9N11000LB
| 6G9N11000LC | 6G9N11000LD | 7C1911000AB |
7H1211002AB | 7H1211002AC

LAND ROVER: LR025840 | LR029180 | NAD500270

VOLVO: 30667299 | 36000041 | 82667299

APPLICATION

LAND ROVER: Defender | Freelander

VOLVO: S60 | S80 | V60 | XC60 | XC70 | XC90

TECHNICAL DIMENSIONS

Tension (V): 12 | **Battery Terminal (B+):** M8 | **Motor Terminal (M):** M8 | **Ignition Terminal (S):** M6 | **Full Length (L) (mm):** 65.9 | **External Diameter (OD) (mm):** 52.3 | **Mounting Holes (NH):** 3 | **Plunger Rod Width (WE) (mm):** 5.1 | **Plunger Rod Length (LE) (mm):** 10.5 | **Family:** 1015

REGIONS

Brazil

79705

STARTER RELAY 12V



ORIGINAL CODE OR EQUIVALENT

DENSO: 0534007791

ZM: 9705

APPLICATION

HONDA: Civic | CR-V

TECHNICAL DIMENSIONS

Tension (V): 12 | **Battery Terminal (B+):** M8 | **Motor Terminal (M):** M8 | **Ignition Terminal (S):** Plug | **Full Length (L) (mm):** 111.8 | **External Diameter (OD) (mm):** 50.1 | **Fixing Bolts (NS):** 2 | **Plunger Rod Width (WE) (mm):** 2.5 | **Plunger Rod Length (LE) (mm):** 8 | **Family:** 1026

REGIONS

Brazil

79995



STARTER RELAY 12V

ORIGINAL CODE OR EQUIVALENT

MITSUBISHI: M371XD1871 **ZM:** 9995

MOTOR

MITSUBISHI: M000T30871 | M000T30872 | M0T30871 | M0T30872 | MN128034 | MN176300

APPLICATION

MITSUBISHI: L200 | Strada

TECHNICAL DIMENSIONS

Tension (V): 12 | **Battery Terminal (B+):** M8 | **Motor Terminal (M):** M8 | **Ignition Terminal (S):** Conector | **Full Length (L) (mm):** 63.5 | **External Diameter (OD) (mm):** 51.5 | **Mounting Holes (NH):** 2 | **Plunger Rod Width (WE) (mm):** 5.4 | **Plunger Rod Length (LE) (mm):** 9.1 | **Family:** 1013

REGIONS

Brazil



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