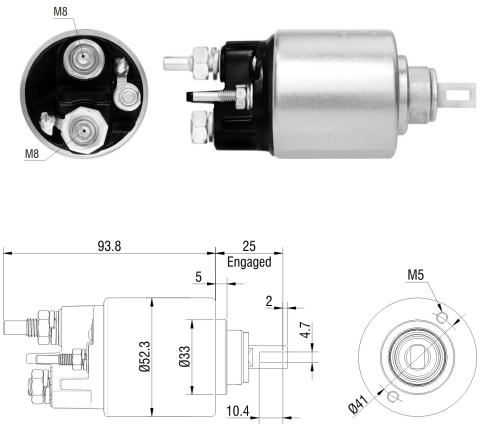


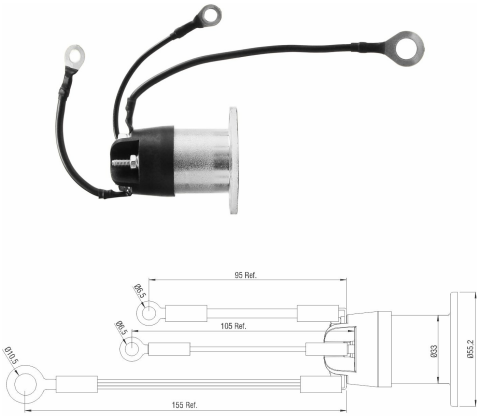
ZM 6-271 12v

CAP ZM 6-271.91

APLICAÇÃO */ USED ON:*
RENAULT: Logan, Sandero, Symbol.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: F.000.CD0.002

SUBSTITUI */ REPLACE:*
BOSCH: F.000.CD1.113.

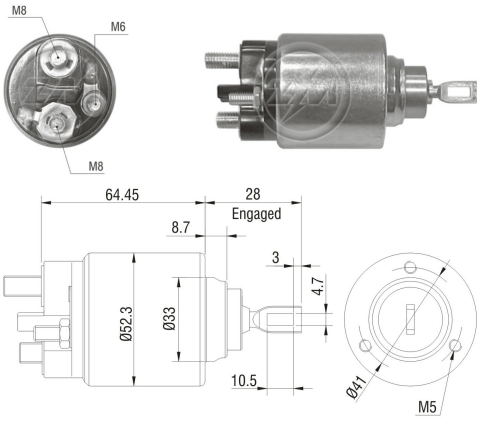


ZM 291 24v

APLICAÇÃO */ USED ON:*
FORD: 1722, 1723, 2422, 2423, 2428, 2622, 2623, 2628, 2629. SCANIA: P 230, P 270, P 310, P 340, P 380, P 420, R340, R380, R400, R420, R470, Série P, Série R, Série T, T470.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.241.001, 0.986.021.480, F.002.G20.904. FORD: BC45-11001-BA. SCANIA: 1447911. ZM: 80.137.01

SUBSTITUI */ REPLACE:*
BOSCH: 1.337.210.745, 1337210745, 6.033.AD5.138, 6.033.AD5.206, 6.033.AD6.153.



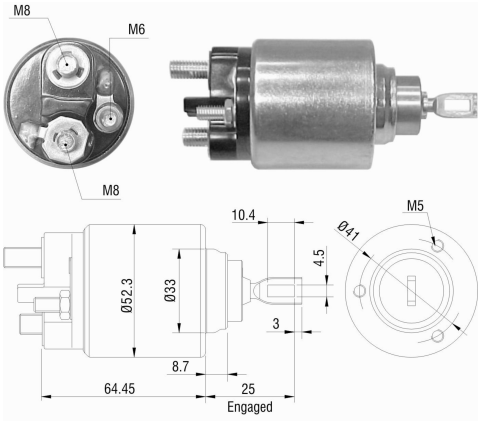
ZM 371 12v

CAP ZM 371.91

APLICAÇÃO */ USED ON:*
FORD: Courier, Escort, Euroline, Ka, Mondeo, Nugget, Scorpio, Tourneo, Transit.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.106.011, 0.001.107.016, 0.001.107.041, 0.001.107.046, 0.001.107.059, 0.001.107.082, 0.001.108.121, 0.001.108.122, 0.001.108.155, 0.001.108.168, 0.001.113.010

SUBSTITUI */ REPLACE:*
BOSCH: 2.339.304.001.



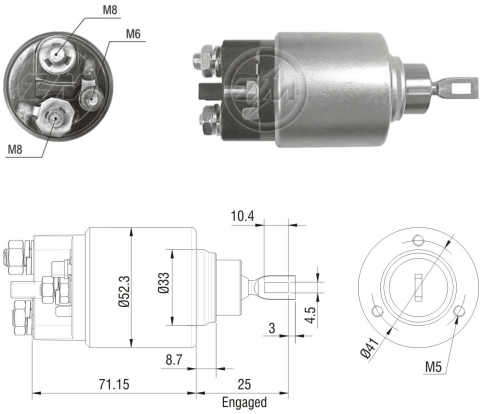
ZM 1-371 12v

CAP ZM 371.91

APLICAÇÃO */ USED ON:*
FORD: Courier, Fiesta, Focus, Fusion, Ka, Puma. VOLVO: S40, V50.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.107.043, 0.001.107.087, 0.001.107.407, 0.001.107.410, 0.001.107.417, 0.001.107.418, 0.001.108.408, 0.001.109.204. FORD: 1307578, 1309581, 2S6U-11000-CA, 2S6U-11000-CB, 2S6U-11000-DA, 2S6U-11000-DB, 96FB-11000-KB, 96FB-11000-KC, 96FB-11000-KD

SUBSTITUI */ REPLACE:*
BOSCH: 2.339.304.015, 2.339.304.047, 2.339.304.050.



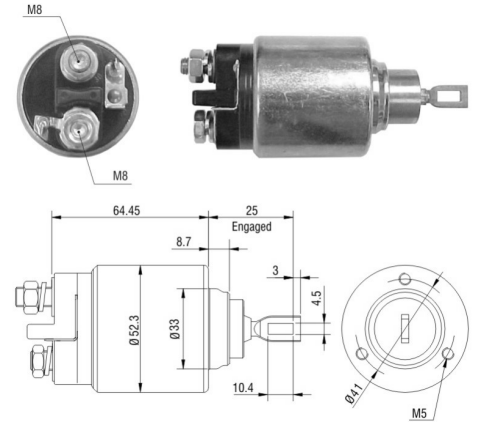
ZM 2-371 12v

CAP ZM 2-371.91

APLICAÇÃO */ USED ON:*
MERCEDES-BENZ: A-Class, C-Class, CLK-Class, E-Class, SLK-Class, Vaneo.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.107.406, 0.001.110.112, 0.001.115.008. MERCEDES-BENZ: 0 051 511 601, 0 051 513 901

SUBSTITUI */ REPLACE:*
BOSCH: 2.339.304.002, 2.339.304.018, 2.339.304.021, 2.339.304.039.



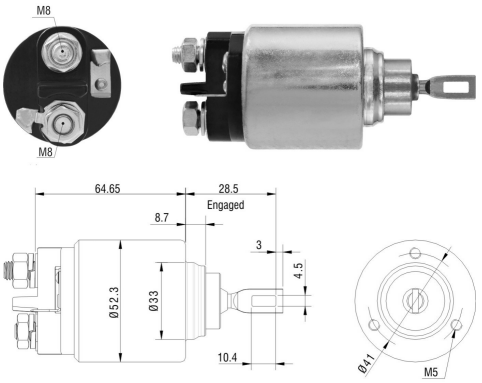
ZM 372 12v

CAP ZM 372.91

APLICAÇÃO */ USED ON:*
VOLVO: 850, 960, C70, S40, S70, S80, V40, V70.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.107.062, 0.001.107.067, 0.001.107.076, 0.001.107.078, 0.001.108.166, 0.001.108.167, 0.001.108.173, 0.001.108.181, 0.001.109.028, 0.001.109.029, 0.001.109.031, 0.001.109.035, 0.001.109.252, 0.001.115.002, 0.001.115.007

SUBSTITUI */ REPLACE:*
BOSCH: 2.339.304.007, 2.339.304.019, 2.339.304.023.



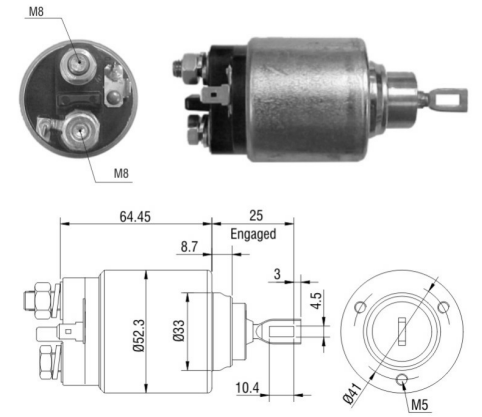
ZM 1-372 12v

CAP ZM 1-372.91

APLICAÇÃO */ USED ON:*
FORD: Cortina, FPV F6 Tornado, FPV F6 Typhoon, Fairlane, Fairmont, Falcon, Falcon Utility, Falcon Utility XR6, Falcon Van, Falcon XR6, LTD, Territory. NISSAN: Ute.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.107.456, 9.000.061.002, 9.000.061.007, 9.000.063.046, 9.000.063.064, 9.000.063.065, 9.000.063.071, 9.000.063.072, 9.000.063.075, 9.000.063.076, 9.000.063.077, 9.000.063.079, BXF456, F.000.AL0.900, F.005.M00.016, F.005.M00.900. FORD: 1R23-11001-AA, 5R29-11001-AA, 91DA-11001-AAB, AU2-11001-A, ED-11001-A, F02Z-11002-A, F892-11002-AA, XE-11001-C

SUBSTITUI */ REPLACE:*
BOSCH: 2.339.304.525, F.000.SH0.176.



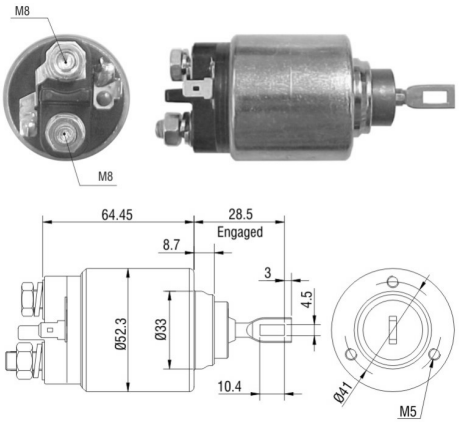
ZM 373 12v

CAP ZM 373.91

APLICAÇÃO */ USED ON:*
RENAULT: Clio, Kangoo, Twingo.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.116.001. RENAULT: 7700864608

SUBSTITUI */ REPLACE:*
BOSCH: 2.339.304.020, 2.339.304.025. RENAULT: 7701047303.



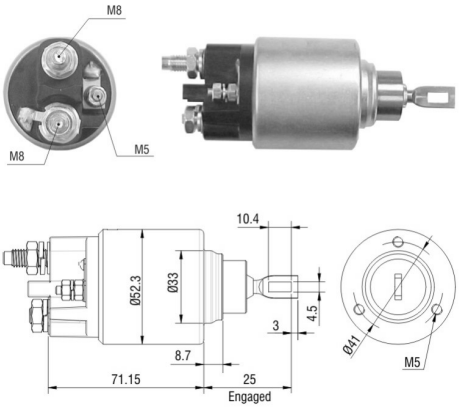
ZM 374 12v

CAP ZM 374.91

APLICAÇÃO */ USED ON:*
RENAULT: Megane, Mégane Classic, Mégane Coupe.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.107.047, 0.001.112.036

SUBSTITUI */ REPLACE:*
BOSCH: 2.339.304.003.



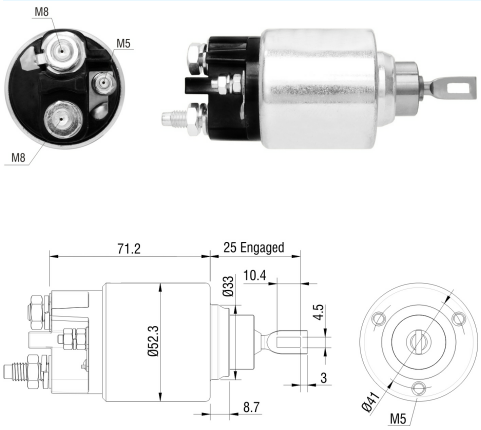
ZM 376 12v

CAP ZM 376.91

APLICAÇÃO */ USED ON:*
CITROËN: BX, Berlingo, Evasion, Jumper, XM, Xantia, Xsara, ZX. FIAT: Ducato, Ulysse. LANCIA: Phedra, Zeta. PEUGEOT: 205, 306, 405, 406, 605, 806, Boxer, Partner.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.107.063, 0.001.108.176, 0.001.109.026. CITROËN: 5802E5, 91536044, 96035035, 96054384, 96147592, 96155198, 96343143. FIAT: 9603503580, 9615519880, 9624291380, 9629473280, 9947830. LANCIA: 9629473280, 9947830. PEUGEOT: 5802E5, 96035035, 96054384, 96147592, 96155198, 96343143

SUBSTITUI */ REPLACE:*
BOSCH: 2.339.304.011. FIAT: 9949390.

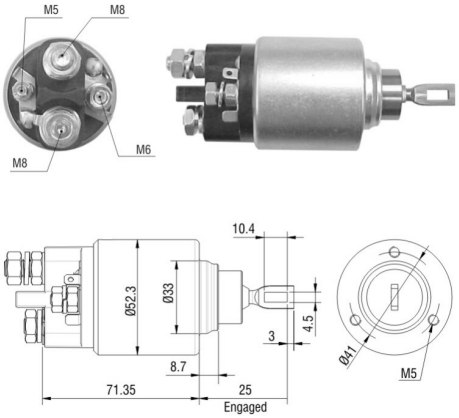


ZM 377 12v

APLICAÇÃO */ USED ON:*
CITROËN: Berlingo, C3, Saxo, Xsara. PEUGEOT: 106, 205, 206, 306, Partner.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.108.162, 0.001.112.041, 0.001.116.003, F.000.AL0.315, F.000.AL0.327. CITROËN: 5802M9, 96087193, 96093132, 96288707, 97530824. PEUGEOT: 5802 M9, 96087193, 96093132, 96288707, 97530824

SUBSTITUI */ REPLACE:*
BOSCH: 2.339.304.008. CITROËN: 583669. PEUGEOT: 583669.



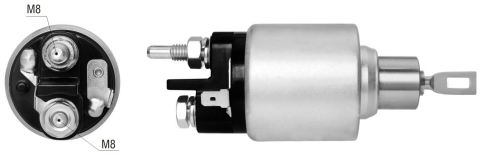
ZM 378 12v

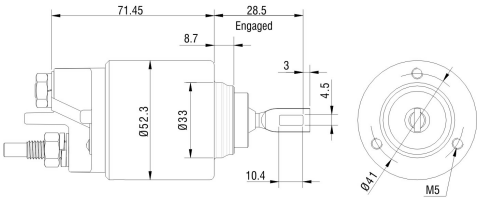
CAP ZM 378.91

APLICAÇÃO */ USED ON:*
BMW: 3 Series, 5 Series, 7 Series, Z3.

MOTOR DE PARTIDA */ STARTER:*
BMW: 12 41 1 438 696, 12 41 1 712 937, 12 41 1 712 973, 12 41 1 740 374, 12 41 4 354 823. BOSCH: 0.001.107.442, 0.001.108.157, 0.001.108.401, BX108157

SUBSTITUI */ REPLACE:*
BOSCH: 2.339.304.005, 2.339.304.009, 2.339.304.046.





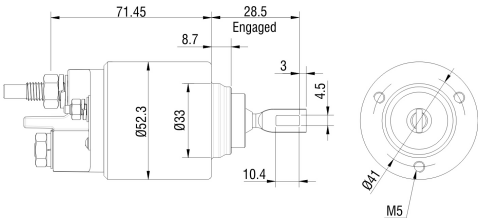
ZM 379 12v CAP ZM 379.91

APLICAÇÃO */ USED ON:*
RENAULT: Clio, Espace, Laguna, Megane, Scénic.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.106.012, 0.001.106.017, 0.986.018.360, 0.986.018.770. RENAULT: 7700115294, 7700875450, 8200466744, 8200724786

SUBSTITUI */ REPLACE:*
BOSCH: 2.339.304.002, 2.339.304.038, 2.339.304.055.





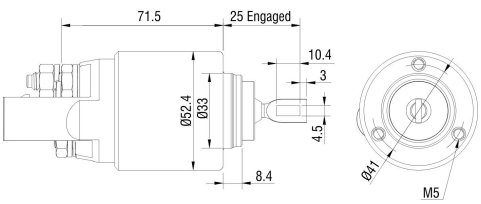
ZM 1-379 12v CAP ZM 379.91

APLICAÇÃO */ USED ON:*
NISSAN: Primastar. RENAULT: Espace, Laguna, Megane, Scénic, Trafic.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.106.022, 0.001.106.023, 0.001.106.024. NISSAN: 23300 00Q1D, 23300 00QAH, 82001 99737, 82004 66758, 82007 24810, 82009 29534. RENAULT: 82 00 050 150, 82 00 069 377, 82 00 186 144, 82 00 186 148, 82 00 199 737, 82 00 466 758, 82 00 466 761, 82 00 724 810, 82 00 724 817, 82 00 929 534

SUBSTITUI */ REPLACE:*
BOSCH: 2.339.304.054. RENAULT: 77 01 052 617.





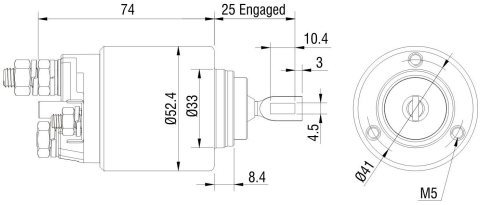
ZM 381 12v CAP ZM 381.91

APLICAÇÃO */ USED ON:*
AUDI: A3, TT. SEAT: Altea, Cordoba, Ibiza, Leon, Toledo. SKODA: Fabia, Octavia, Roomster, Yeti. VOLKSWAGEN: Caddy, Eos, Golf, Jetta, New Beetle, Passat, Polo, Rabbit, Scirocco, Touran.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.121.412, 0.001.121.413, 0.986.022.290. VOLKSWAGEN: 02E 911 023 J, 02E 911 023 JX

SUBSTITUI */ REPLACE:*
BOSCH: 2.339.305.014, 2.339.305.034, 2.339.305.054, 2.339.305.076, 2.339.305.337. VOLKSWAGEN: 02E 911 287 A, 02E 911 287 D, 0AH 911 287.



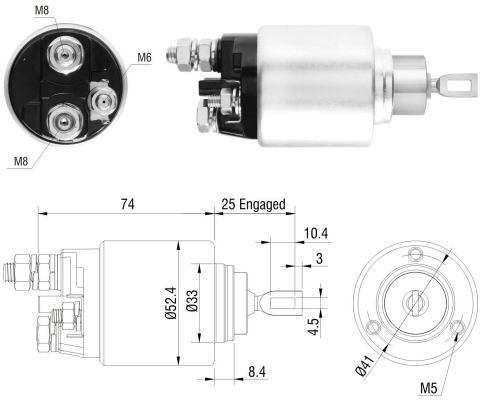


ZM 1-381 12v CAP ZM 1-381.91

APLICAÇÃO */ USED ON:*
ALFA ROMEO: Alfa 145, Alfa 146, Alfa 147, Alfa 156, GT. CITROËN: Jumper. FIAT: Brava, Bravo, Doblò, Ducato, Idea, Marea, Multipla, Palio, Punto, Stilo, Strada. JEEP: Renegade. LANCIA: Lybra, Musa. PEUGEOT: Boxer.

MOTOR DE PARTIDA */ STARTER:*
ALFA ROMEO: 787 218 A152. BOSCH: 0.001.108.420, 0.001.108.421, 0.001.108.450, 0.001.115.025, 0.001.115.079. FIAT: 787 218 A152. LANCIA: 787 218 A152

SUBSTITUI */ REPLACE:*
BOSCH: 2.339.305.017, 2.339.305.048, 2.339.305.100. FIAT: 77362580.

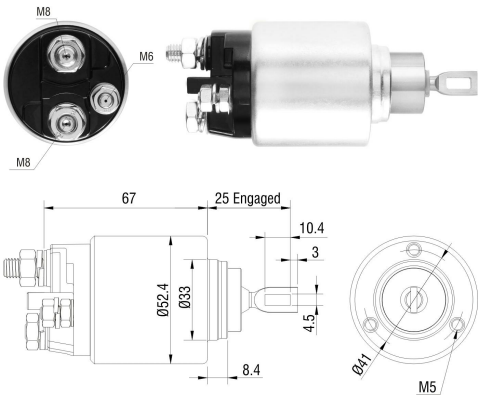


ZM 2-381 12v CAP ZM 1-381.91

APLICAÇÃO / *USED ON:*
CITROËN: Jumper. FIAT: Ducato. PEUGEOT: Boxer.

MOTOR DE PARTIDA / *STARTER:*
BOSCH: 0.001.109.300, 0.001.109.302. CITROËN: 5802 AQ. DAF: 1524014R. FIAT: 134 70580 80, 55779086. PEUGEOT: 5802 AQ. PSA: 5802 AQ. ZM: 80.381.01

SUBSTITUI / *REPLACE:*
BOSCH: 2.339.305.033. FIAT: 77363816.

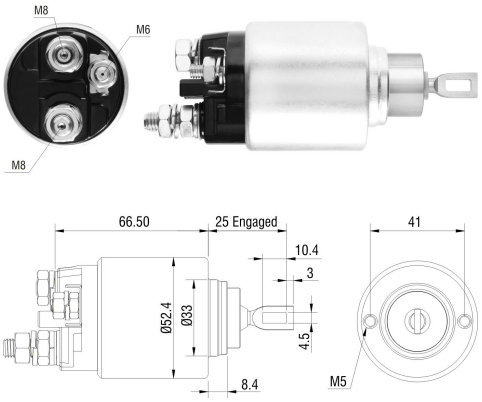


ZM 3-381 12v CAP ZM 3-381.91

APLICAÇÃO / *USED ON:*
CITROËN: Jumper. FIAT: Ducato. FORD: Transit. PEUGEOT: Boxer.

MOTOR DE PARTIDA / *STARTER:*
BOSCH: 0.001.109.205, 0.001.115.088, 0.001.115.092. CITROËN: 5802 AS. FIAT: 96681447, 9668144780. FORD: 1385378, 6C1T 1000 AB, 6C1T 1000 AC. PEUGEOT: 5802 AS. PSA: 5802 AS

SUBSTITUI / *REPLACE:*
BOSCH: 2.339.305.051. FIAT: 77364101.

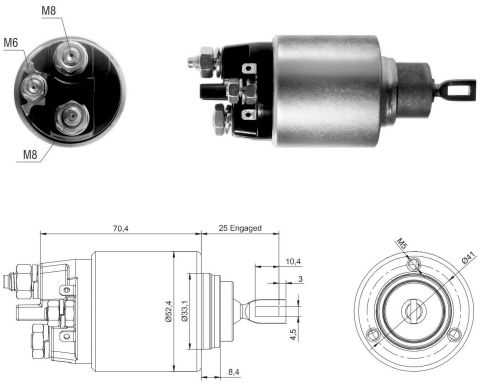


ZM 4-381 12v CAP ZM 4-381.91

APLICAÇÃO / *USED ON:*
FIAT: Doblò, Fiorino, Idea, Palio, Palio Weekend, Siena, Strada, Uno.

MOTOR DE PARTIDA / *STARTER:*
BOSCH: F.000.CD0.900, F.000.CD0.901, F.000.CD0.9A0. FIAT: 51888975, 51893390

SUBSTITUI / *REPLACE:*
BOSCH: 2.339.305.177.

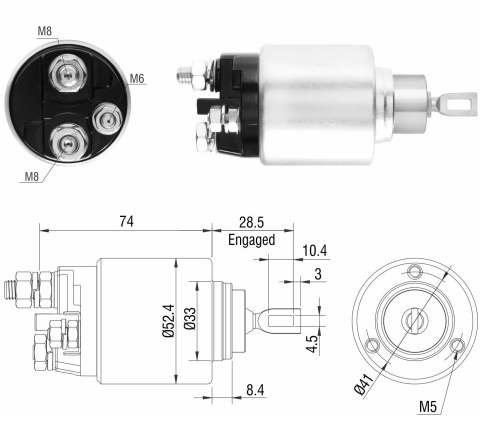


ZM 5-381 12v CAP ZM 5-381.91

APLICAÇÃO / *USED ON:*
MERCEDES-BENZ: 180, 200, 230, 250, Sprinter.

MOTOR DE PARTIDA / *STARTER:*
BOSCH: 0.001.107.406, 0.001.109.250. MERCEDES-BENZ: A.005.151.3901, A.005.151.6601.0

SUBSTITUI / *REPLACE:*
BOSCH: 2.339.305.013.

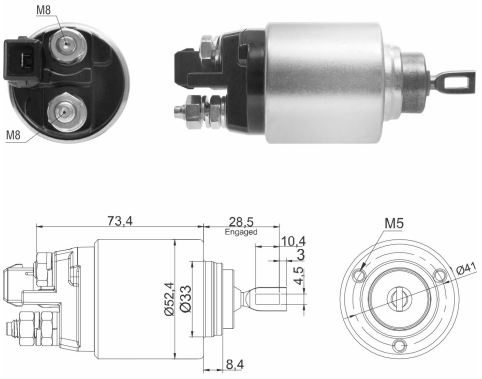


ZM 6-381 12v CAP ZM 6-381.91

APLICAÇÃO */ USED ON:*
FIAT-IVECO: Daily. RENAULT: Mascott.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.109.306, 0.001.109.307, 0.001.109.371, 0.001.109.375, 0.001.109.376, 0.986.018.950. FORD: 8G9N-11000-AB, 8G9N11000AB. IVECO: 69502571

SUBSTITUI */ REPLACE:*
BOSCH: 2.339.305.135.

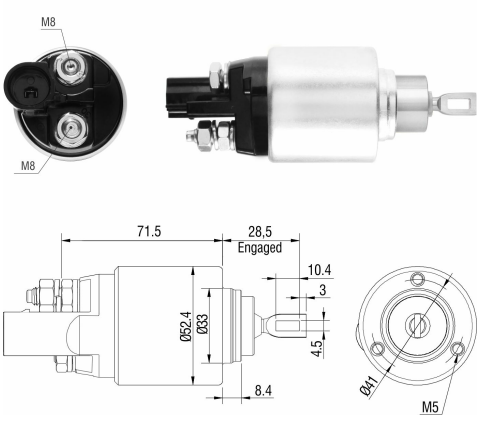


ZM 7-381 12v CAP ZM 7-381.91

APLICAÇÃO */ USED ON:*
AUDI: A3. BMW: 3 Series. SEAT: Alhambra, Leon. SKODA: Fabia, Octavia. VOLKSWAGEN: Bora.

MOTOR DE PARTIDA */ STARTER:*
AUDI: 020-911-023T, 02T-911-023G. BMW: 7521123-04. BOSCH: 0.001.107.423, 0.001.107.424, 0.001.120.400, 0.001.120.401, 0.001.120.402, 0.001.120.403. VOLKSWAGEN: 020-911-023T, 02T-911-023G

SUBSTITUI */ REPLACE:*
BOSCH: 0.986.020.780, 2.339.305.005, 2.339.305.024, 2.339.305.052, 2.339.305.074. VOLKSWAGEN: 020911287A.

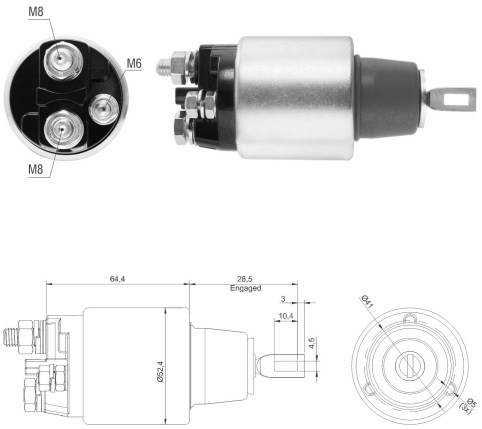


ZM 8-381 12v CAP ZM 381.91

APLICAÇÃO */ USED ON:*
AUDI: A3, TT. SEAT: Altea, Cordoba, Ibiza, Leon, Toledo. SKODA: Roomster, Yeti. VOLKSWAGEN: Eos, Golf, Jetta, New Beetle.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.123.016. VOLKSWAGEN: 0E9110238

SUBSTITUI */ REPLACE:*
BOSCH: 2.339.305.055, 2.339.305.077.

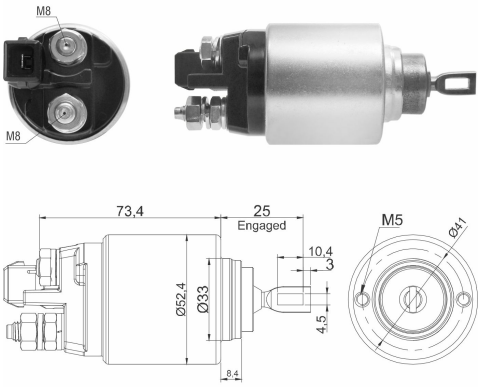


ZM 9-381 12v CAP ZM 3-381.91

APLICAÇÃO */ USED ON:*
LAND ROVER / ROVER GROUP: Land Rover Freelander.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.121.422, 0.001.121.423, 0.001.121.427, 0.001.121.428, 0.001.121.443, 0.001.121.444. FORD: 6G9N-11000-LA, 6G9N-11000-LB, 6G9N-11000-LC, 6G9N-11000-LD

SUBSTITUI */ REPLACE:*
BOSCH: 2.339.305.122.

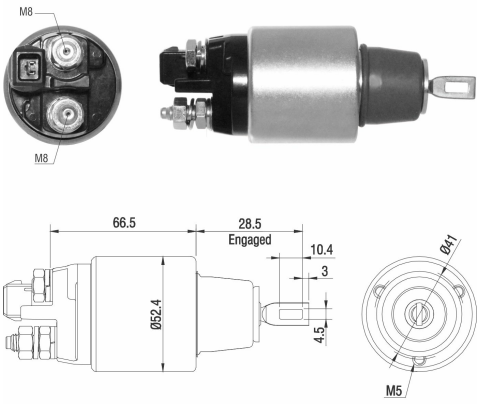


ZM 382 12v CAP ZM 7-381.91

APLICAÇÃO */ USED ON:*
VOLKSWAGEN: CrossFox, Fox, Gol, Golf, Kombi, Saveiro, SpaceFox, Voyage.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: F.000.CD0.800, F.000.CD0.801, F.000.CD0.8A0. VOLKSWAGEN: 5U0 911 023, 5Z0 911 023

SUBSTITUI */ REPLACE:*
BOSCH: ...0.216, ...0216.

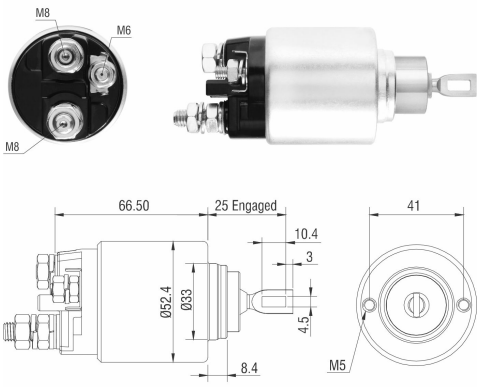


ZM 1-382 12v CAP ZM 7-381.91

APLICAÇÃO */ USED ON:*
BMW: 1 Series, 3 Series, 4 Series, 6 Series, X1, X3, Z4.

MOTOR DE PARTIDA */ STARTER:*
BMW: 763819402. BOSCH: 0.001.138.058

SUBSTITUI */ REPLACE:*
BOSCH: 2.339.305.009.

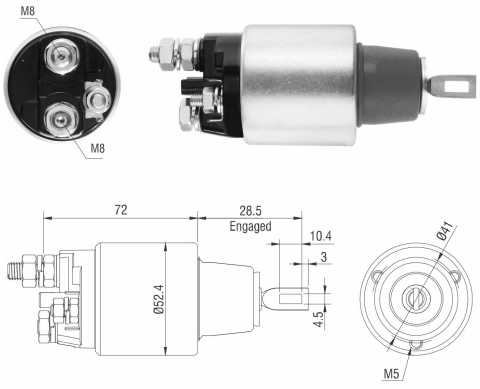


ZM 2-382 12v CAP ZM 4-381.91

APLICAÇÃO */ USED ON:*
FIAT: Idea, Palio, Punto, Strada, Uno.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: F.000.CD0.003. FIAT: 51876031

SUBSTITUI */ REPLACE:*
BOSCH: 2.339.305....

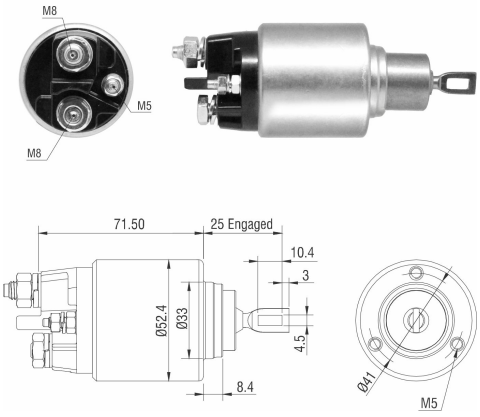


ZM 3-382 12v CAP ZM 6-381.91

APLICAÇÃO */ USED ON:*
FIAT-IVECO: Daily.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: F 000 AL0 143, F 000 AL0 149. IVECO: 504201467, 5801405959

SUBSTITUI */ REPLACE:*
BOSCH: 2.339.305.231.

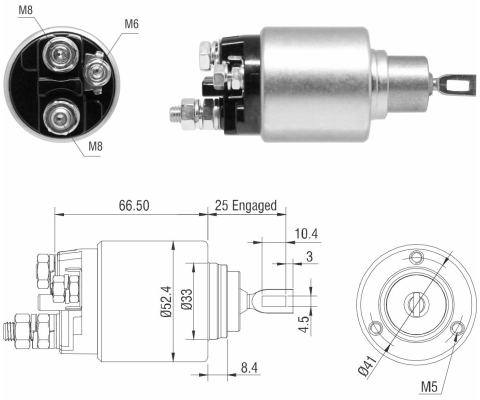


ZM 4-382 12v CAP ZM 4-382.91

APLICAÇÃO / *USED ON:*
CITROËN: Berlingo, C-Crosser, C15, C4, C5, C8, DS, Evasion, Jumper, Jumpy, Visa, XM, Xantia, Xsara, ZX. FIAT: Ducato, Scudo, Ulysse. HYUNDAI: Lantra. LANCIA: Phedra, Zeta. MITSUBISHI: Outlander. PEUGEOT: 206, 306, 307, 308, 4007, 405, 406, 407, 508, 605, 607, 806, 807, Partner.

MOTOR DE PARTIDA / *STARTER:*
BOSCH: 0.001.108.183, 0.001.108.400, 0.001.109.364

SUBSTITUI / *REPLACE:*
BOSCH: 2.339.305.018. PEUGEOT: 583689.

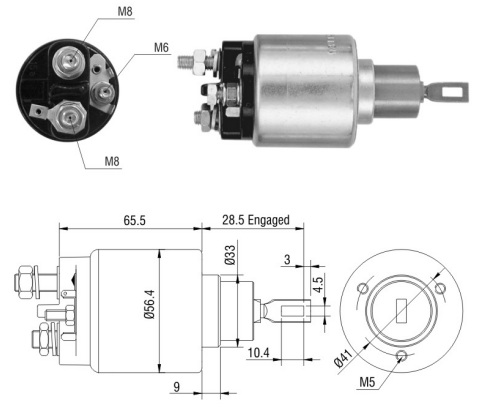


ZM 5-382 12v CAP ZM 4-381.91

APLICAÇÃO / *USED ON:*
FIAT: Bravo, Doblò, Idea, Linea, Palio, Punto, Strada.

MOTOR DE PARTIDA / *STARTER:*
BOSCH: 0.001.121.439, 0.001.121.440. FIAT: 51865316

SUBSTITUI / *REPLACE:*
BOSCH: 2.339.305.149.

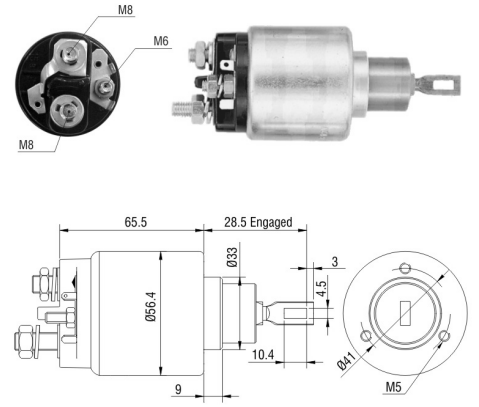


ZM 472 12v CAP ZM 775.91

APLICAÇÃO / *USED ON:*
PORSCHE: 968.

MOTOR DE PARTIDA / *STARTER:*
BOSCH: 0.001.110.060, 0.001.110.073

SUBSTITUI / *REPLACE:*
BOSCH: 0.331.303.134, 2.339.303.273.



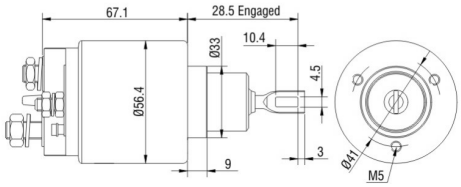
ZM 473 12v CAP ZM 473.91

APLICAÇÃO / *USED ON:*
PORSCHE: 911.

MOTOR DE PARTIDA / *STARTER:*
BOSCH: 0.001.110.040, 0.001.110.047, 0.001.110.059, 0.001.115.011, 0.001.115.013, 0.986.016.250, SR0429N, SR0429X, SR468X. PORSCHE: 911 604 102 01, 964 604 104 00, 965 604 104 00, 966 604 104 00

SUBSTITUI / *REPLACE:*
BOSCH: 0.331.303.118, 0.331.303.133, 0.331.303.618, 0.331.303.633, 2.339.303.271, 2.339.303.272, 2.339.303.396.



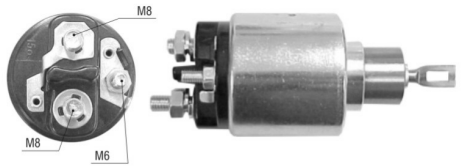


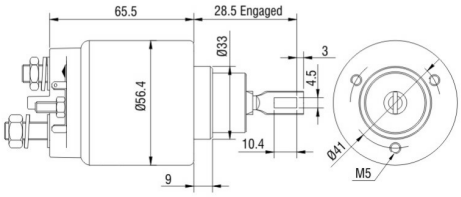
ZM 1-473 12v CAP ZM 1-473.91

APLICAÇÃO */ USED ON:*
GM-CHEVROLET: Astra, Vectra, Zafira. GM-OPEL: Astra, Calibra.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.107.034, 0.001.107.045. GM: 90512189, 90518627

SUBSTITUI */ REPLACE:*
BOSCH: 2.339.303.206. GM: 90487704.





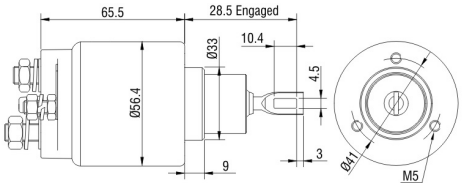
ZM 2-473 12v CAP ZM 473.91

APLICAÇÃO */ USED ON:*
GM-OPEL: Calibra, Vectra. GM-VAUXHALL: Astra, Cavalier. SAAB: 9000.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.107.034, 0.001.107.045, 0.001.107.046, 0.001.108.148, 0.001.108.170

SUBSTITUI */ REPLACE:*
BOSCH: 2.339.303.201, 2.339.303.206.





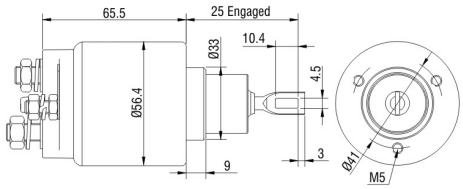
ZM 3-473 12v CAP ZM 3-473.91

APLICAÇÃO */ USED ON:*
CHRYSLER: Voyager.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.108.123

SUBSTITUI */ REPLACE:*
BOSCH: 0.331.303.159, 0.331.303.659.



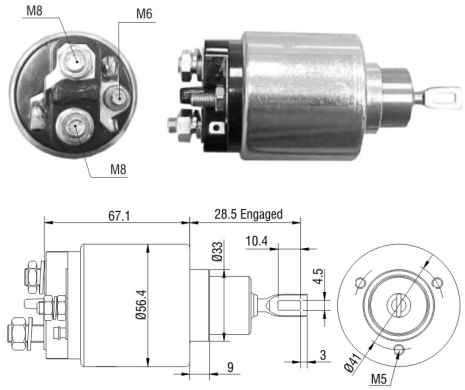


ZM 4-473 12v CAP ZM 4-473.91

APLICAÇÃO */ USED ON:*
PEUGEOT: 306, 405.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.107.010, 0.001.107.038, 0.001.109.015, 0.001.112.017

SUBSTITUI */ REPLACE:*
BOSCH: 2.339.303.318.

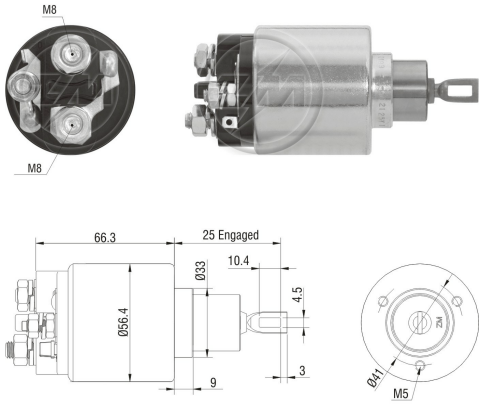


ZM 5-473 12v CAP ZM 1-473.91

APLICAÇÃO */ USED ON:*
GM-CHEVROLET: Astra, Calibra, Vectra. GM-ISUZU: Rhodeo.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: F.000.AL0.119, F.005.M00.024

SUBSTITUI */ REPLACE:*
BOSCH: 9.330.061.129, F.000.SH0.150.

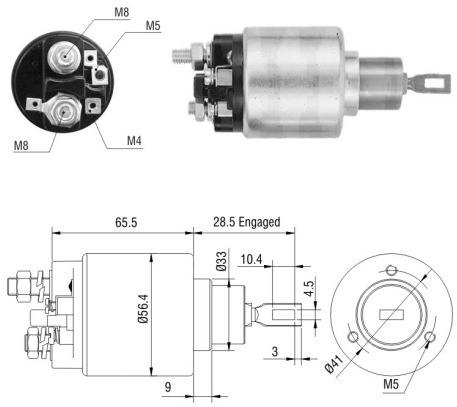


ZM 6-473 12v CAP ZM 1-473.91

APLICAÇÃO */ USED ON:*
NISSAN: 0, Sentra, Tsuru.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 9.007.045.002

SUBSTITUI */ REPLACE:*
BOSCH: 9.337.043.517, F.000.SH0.189.

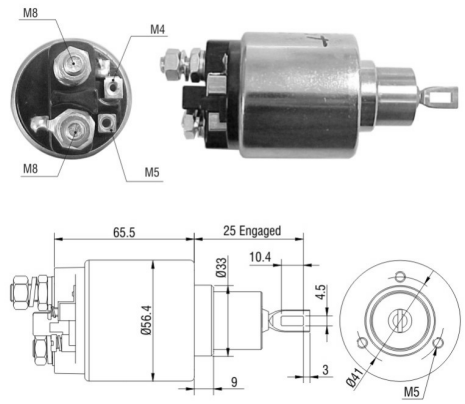


ZM 474 12v CAP ZM 474.91

APLICAÇÃO */ USED ON:*
JAGUAR: XJ 6.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.110.011, 0.001.110.111

SUBSTITUI */ REPLACE:*
BOSCH: 0.331.303.098, 2.339.303.281.

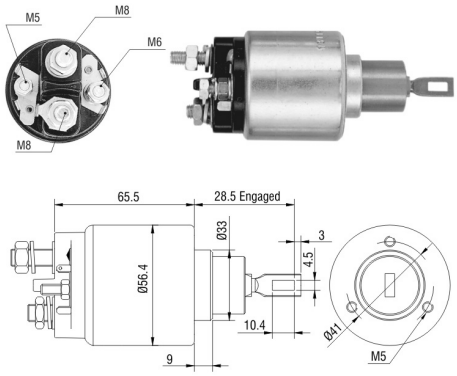


ZM 1-474 12v CAP ZM 1-474.91

APLICAÇÃO */ USED ON:*
MERCEDES-BENZ: E-Class, Série 124.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.107.048

SUBSTITUI */ REPLACE:*
BOSCH: 2.339.303.259.

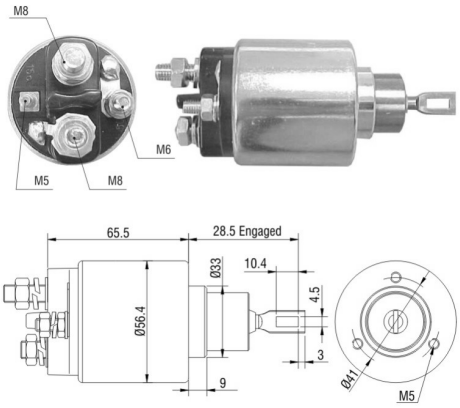


ZM 475 12v CAP ZM 475.91

APLICAÇÃO */ USED ON:*
BMW: 3 Series, 5 Series, 7 Series, 8 Series.

MOTOR DE PARTIDA */ STARTER:*
BMW: 12 41 1 711 403, 12 41 1 715 230, 12 41 1 717 174, 12 41 1 717 175, 12 41 1 720 635. BOSCH: 0.001.108.018, 0.001.108.042, 0.001.108.054, 0.001.108.063, 0.001.108.064, 0.001.108.065, 0.001.108.115, 0.001.108.145, 0.001.110.010, 0.001.110.041, 0.001.110.110, 0.001.218.027, 0.001.218.028, 0.001.218.134, 0.001.218.135, 0.001.218.136, 0.001.311.150, 0.001.311.151, 0.001.314.043, 0.001.314.045

SUBSTITUI */ REPLACE:*
BOSCH: 0.331.303.102, 0.331.303.105, 0.331.303.116, 0.331.303.117, 0.331.303.616, 0.331.303.617, 2.339.303.244, 2.339.303.246.

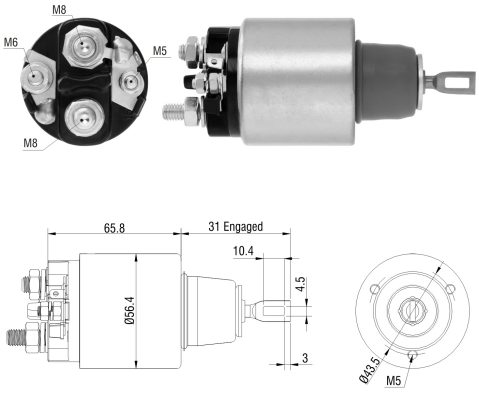


ZM 1-475 12v CAP ZM 1-475.91

APLICAÇÃO */ USED ON:*
FIAT: Croma. GM-CHEVROLET: C series, Omega, Silverado. GM-OPEL: Omega.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.108.080, 0.001.108.146

SUBSTITUI */ REPLACE:*
BOSCH: 0.331.303.127, 2.339.303.204.

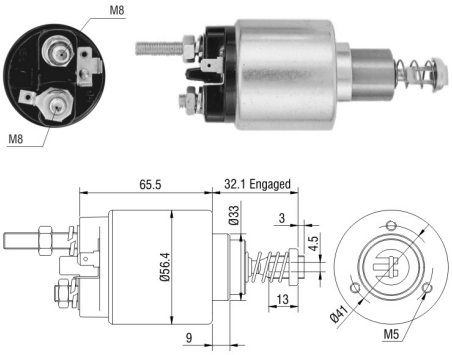


ZM 2-475 12v CAP ZM 475.91

APLICAÇÃO */ USED ON:*
ALPINA: Roadster. BMW: 5 Series, 7 Series, 8 Series, X5, Z8.

MOTOR DE PARTIDA */ STARTER:*
BMW: 12 41 1 729 981, 12 41 1 729 982. BOSCH: 0.001.110.071, 0.001.110.072, 0.986.016.920, 0.986.017.170, BX110071, BX110072

SUBSTITUI */ REPLACE:*
BOSCH: 0.331.303.146, 2.339.303.245.

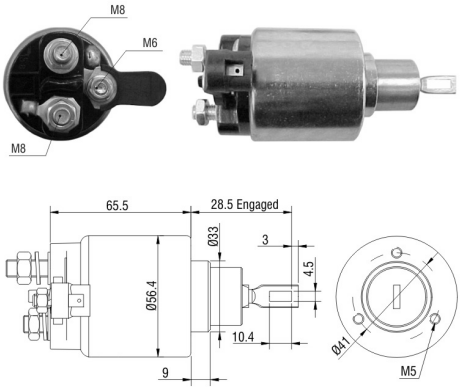


ZM 476 12v CAP ZM 876.91

APLICAÇÃO */ USED ON:*
VOLKSWAGEN: Mini Bus, Vanagon.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.212.213, 0.001.212.214, 0.001.212.402, 0.001.212.403

SUBSTITUI */ REPLACE:*
BOSCH: 0.331.303.057, 0.331.303.104.



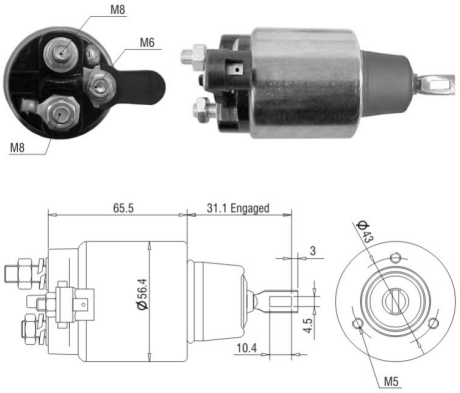
ZM 477 12v

CAP ZM 477.96

APLICAÇÃO */ USED ON:*
CHRYSLER: Sebring. CHRYSLER-DODGE: Avenger. EAGLE: Talon. MITSUBISHI: Eclipse.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.007.032, 0.001.107.031

SUBSTITUI */ REPLACE:*
BOSCH: 2.339.303.210.



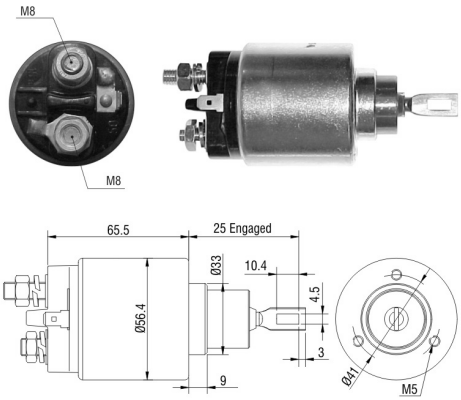
ZM 1-477 12v

CAP ZM 477.96

APLICAÇÃO */ USED ON:*
CHRYSLER-DODGE: Neon, Stratus. CHRYSLER-PLYMOUTH: Breeze, Neon.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.107.049, 9.007.045.009, 9.007.045.020

SUBSTITUI */ REPLACE:*
BOSCH: 2.339.303.221.



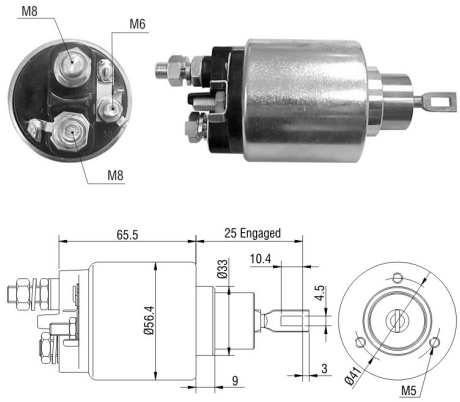
ZM 478 12v

CAP ZM 478.91

APLICAÇÃO */ USED ON:*
RENAULT: Clio, R19.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: F.000.AL0.307

SUBSTITUI */ REPLACE:*
BOSCH: F.000.SH0.110.



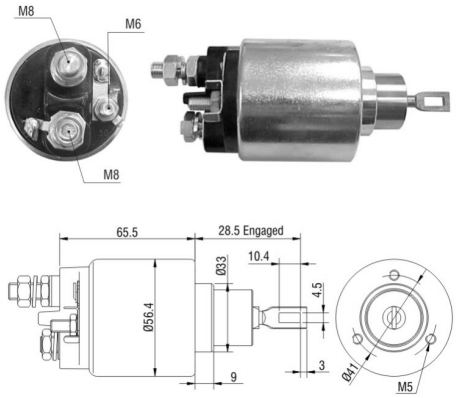
ZM 479 12v

CAP ZM 479.91

APLICAÇÃO */ USED ON:*
FIAT: Strada.

MOTOR DE PARTIDA */ STARTER:*
ALFA ROMEO: 46437520. BOSCH: 0.001.109.018, 0.001.109.048. FIAT: 46430721, 4643307210, 46437520. LANCIA: 46430721, 46437520

SUBSTITUI */ REPLACE:*
BOSCH: 2.339.303.227, F.000.SH0.123.

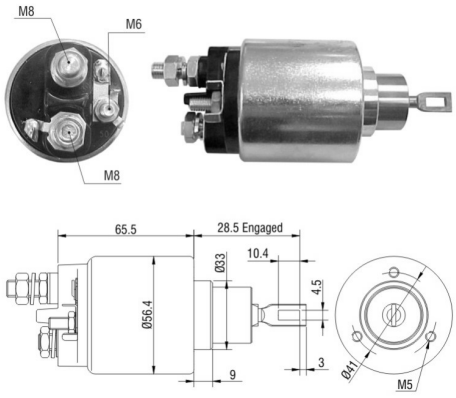


ZM 1-479 12v CAP ZM 479.91

APLICAÇÃO */ USED ON:*
FIAT: Brava, Bravo, Doblò, Marea, Palio, Siena, Strada.

MOTOR DE PARTIDA */ STARTER:*
ALFA ROMEO: 46468696. BOSCH: 0.001.107.066, 0.001.107.091, 0.001.110.124, F.000.AL0.100, F.000.AL0.102. FIAT: 46468696, 46748349, 46821681. LANCIA: 46468696. ZM: 80.110.10

SUBSTITUI */ REPLACE:*
BOSCH: 2.339.303.256, F.000.SH0.108, F.000.SH0.139, F.00A.SH0.139.

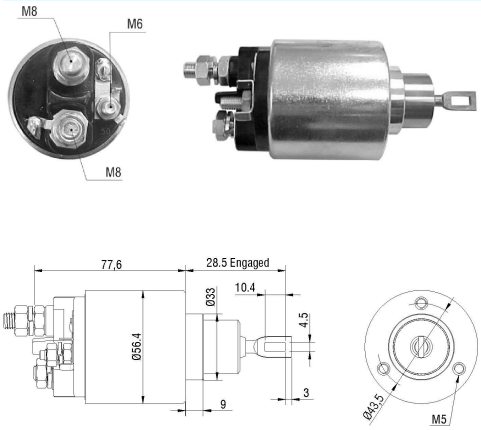


ZM 2-479 12v CAP ZM 479.91

APLICAÇÃO */ USED ON:*
FIAT: Ducato. FIAT-IVECO: Daily.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.223.013. FIAT: 1329201080, 46758240. IVECO: 1329201080, 8029647

SUBSTITUI */ REPLACE:*
BOSCH: 6.033.AD0.312.

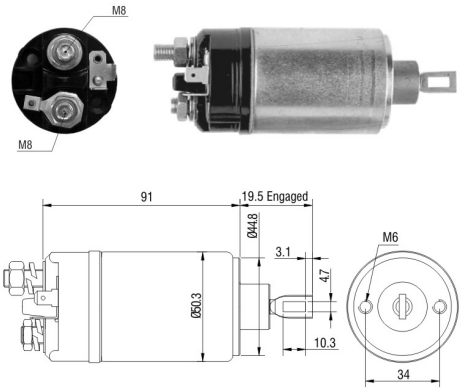


ZM 3-479 12v CAP ZM 479.91

APLICAÇÃO */ USED ON:*
FIAT-IVECO: Daily.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.223.003, 0.001.223.007. IVECO: 42535273

SUBSTITUI */ REPLACE:*
BOSCH: 6.033.AD0.074.

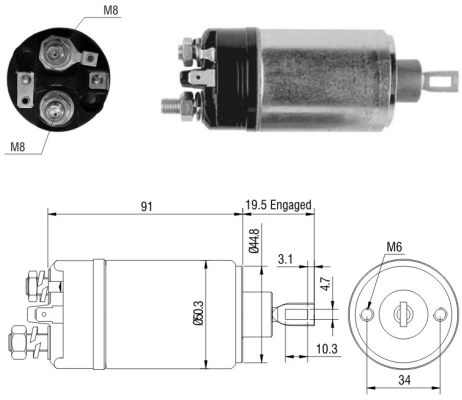


ZM 521 12v CAP ZM 521.96

APLICAÇÃO */ USED ON:*
MOTOR TIETÊ: RD 900, RD 900L, RD 950, RD 950L. VOLKSWAGEN: Brasília, Karman Ghia, Kombi, Sedan, Variant.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.211.221, 0.001.211.222, 0.001.211.992, 0.001.211.993, 0.001.211.997, 0.001.211.998, 9.000.082.009, 9.000.082.031

SUBSTITUI */ REPLACE:*
BOSCH: 0.331.302.040, 0.331.302.064, 0.331.302.540, 9.330.041.005, 9.330.081.038. VOLKSWAGEN: 311-911-287.

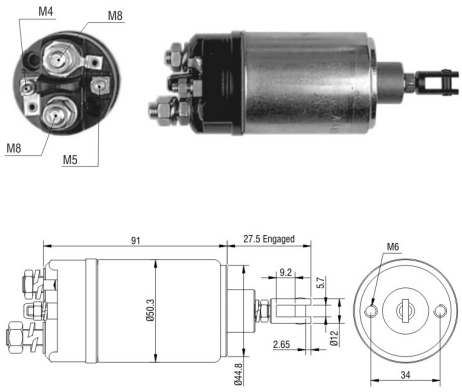


ZM 522 12v CAP ZM 522.96

APLICAÇÃO */ USED ON:*
GM-CHEVROLET: Chevette, Marajó.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.208.202, 0.001.211.200, 0.001.211.201, 0.001.211.241, 9.000.082.017, 9.000.082.024

SUBSTITUI */ REPLACE:*
BOSCH: 0.331.302.062, 9.330.081.022, 9.330.081.024.

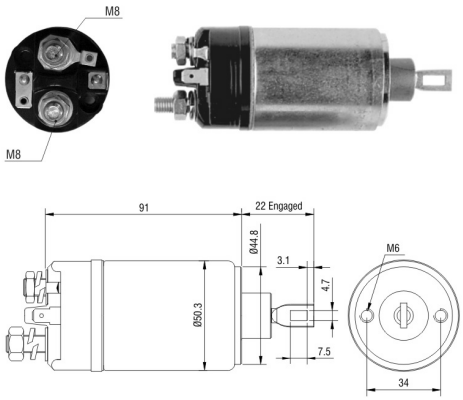


ZM 523 12v CAP ZM 523.96

APLICAÇÃO */ USED ON:*
GM-CHEVROLET: Maverick, Opala.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 9.000.082.006, 9.000.082.015, 9.000.083.016, 9.000.083.017

SUBSTITUI */ REPLACE:*
BOSCH: 9.330.081.010.

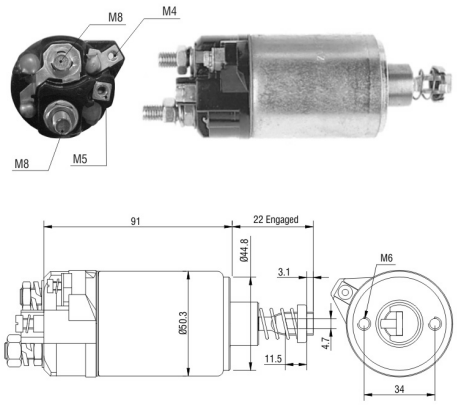


ZM 524 12v CAP ZM 522.96

APLICAÇÃO */ USED ON:*
GM-CHEVROLET: Chevette, Marajó.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.311.030, 0.001.311.031, 9.000.082.023

SUBSTITUI */ REPLACE:*
BOSCH: 0.331.302.029, 0.331.302.036, 0.331.302.044, 0.331.302.049. GM: 7329692. OPEL: 1202063.
VOLKSWAGEN: 028911287.

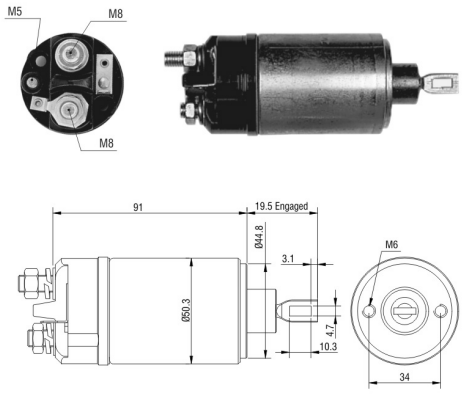


ZM 525 12v CAP ZM 525.96

APLICAÇÃO */ USED ON:*
VOLKSWAGEN: Dasher, Passat.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.211.209, 0.001.211.210

SUBSTITUI */ REPLACE:*
BOSCH: 0.331.302.076, 0.331.302.576, 9.330.041.009.

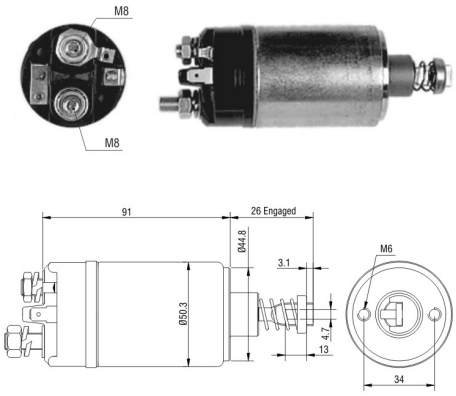


ZM 526 12v CAP ZM 624.96

APLICAÇÃO */ USED ON:*
FORD: Capri, Escort, Taunus.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.208.049, 0.001.208.055, 0.001.208.206, 0.001.211.229, 0.001.211.989, 0.001.211.995, 0.001.211.996, 0.001.311.046, 0.001.311.049, 0.001.311.101

SUBSTITUI */ REPLACE:*
BOSCH: 0.331.302.054, 0.331.302.063.

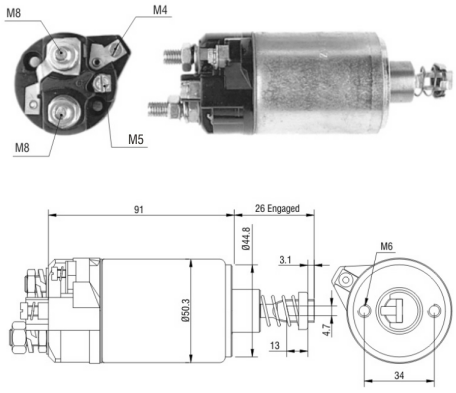


ZM 527 12v CAP ZM 522.96

APLICAÇÃO */ USED ON:*
PORSCHE: 911, 930.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.312.100

SUBSTITUI */ REPLACE:*
BOSCH: 0.331.302.097.

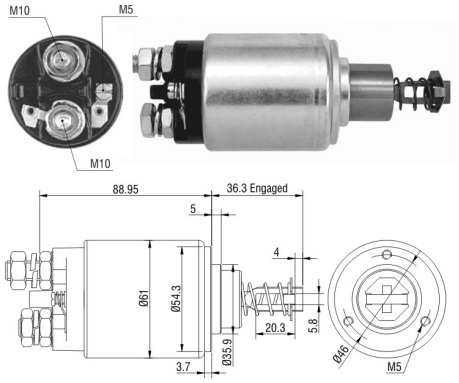


ZM 528 12v CAP ZM 525.96

APLICAÇÃO */ USED ON:*
PORSCHE: 911, 928, Carrera. RENAULT: Fuego, R18, R20.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.208.227, 0.001.312.102, 0.001.312.110

SUBSTITUI */ REPLACE:*
BOSCH: 0.331.302.058.



Note: Similar to ZM 631 with steel lever.
Nota: Similar ao ZM 631 com garfo de aço.

ZM 531 — 12v — CAP ZM 531.91

APLICAÇÃO */ USED ON:*

AGRALE: 1600 D, 1800 D, 4500 D, 5000 D, 6150, 7000 D, 7000 DX, 7000 TDX, 7500, 8500 TDX, BX, MA 7.5 T, TX1600. CASE: 80, W 18, W 20, W 20B, W 20E. CBT: 1065, 1105, 2080, 2105, 8060 4x4, 8240, 8260, 8440. FIATALLIS: FB 80. FORD: F-12000, F-14000, F-4000. GM-CHEVROLET: D 6000, D series. JOHN DEERE: JD 50 D. MASSEY FERGUSON: MF 1630, MF 235, MF 265, MF 265/4, MF 275, MF 275/4, MF 283, MF 290, MF 290/4, MF 292, MF 292/4, MF 295, MF 295/4, MF 296, MF 296/4, MF 3640, MF 5650, MF 6845, MF 6855, MF 6865. MAXION: 9110, 9130, 9150, 9170, Ideal 9070, Ideal 9075, Ideal 9090. MERCEDES-BENZ: 1214, 1714, 1717, 1718, 1720, 1721, 1722, 1723, 2418, 709, 710, 712, 912, 914, 917, L 1013, L 1111, L 1116, L 1117, L-1113, L-1114, L-1118, L-1218, L-1313, L-1314, L-1316, L-1317, L-1318, L-1418, L-1513, L-1516, L-1517, L-1518, L-1620, L-2013, L-2014, L-2016, L-2213, L-2214, L-2215, L-2216, L-2217, L-2314, L-608 D, L-610, L-708 E, LA-1113, LA-1117, LA-1313, LA-1513, LA-2013, LA-2213, LB-2218, LB-2318, LK 2318, LO-708 E, LO-809, LO-812, LO-814, LPO-1113, LS 1313, LS 1518, O 365, O-362, O-364, OF 1114, OF 1314, OF-1113, OF-1313, OH 1113, OH 1313, OH 1314, OH 1316. MÜLLER: RT 62 H, RT 82 H, VAP 55, VIBRO RT 62, VIBRO RT 82. NEW HOLLAND: 8040, 8055. SLC: 6200, 7200, 7700. TOYOTA: Bandeirante. VALMET: 110 ID, 118, 118-4, 128, 138, 138-4, 148, 62 ID, 65 ID, 68, 685, 78, 85 ID, 88, 880, 980. VOLKSWAGEN: 12.140 T, 12.180, 13.150, 13.180, 14.150, 14.180, 14.200, 7-120, 7.100, 8-100, 8-150, 8.120, 8.140, 9.150. YANMAR: 1050.D, BT, BTD.

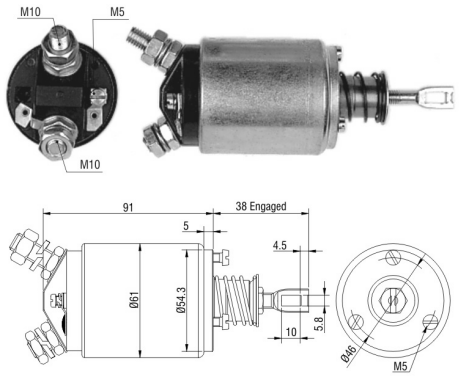
MOTOR DE PARTIDA */ STARTER:*

BOSCH: 9.000.083.027, 9.000.083.028, 9.000.083.035, 9.000.083.036, 9.000.083.038, 9.000.083.042, 9.000.083.053, 9.000.083.054, 9.000.083.055, 9.000.083.056, 9.000.083.057, 9.000.083.058, 9.000.083.059, 9.000.083.060, 9.000.083.067, 9.000.083.069, 9.000.083.071, 9.000.083.072, 9.000.083.077, 9.000.453.080, 9.000.453.082, 9.000.453.089, 9.000.453.091

SUBSTITUI */ REPLACE:*

AGRALE: 6007011395000. BOSCH: 9.330.081.030, 9.33A.081.030. FIAT: 75203446. GM: 93210815. LANCIA: 75203446. MAXION: 2730793.M91. MERCEDES-BENZ: 0 001 515 155. MWM: 9.0572.03.0.8011, 9.0572.03.0.8012. VALMET: 116.760.015.739. VOLKSWAGEN: 04-053-933, 2RD-911-121.

Continuação da página anterior. */ Continued from last page.*



ZM 533 — 12v — CAP ZM 533.91

APLICAÇÃO */ USED ON:*

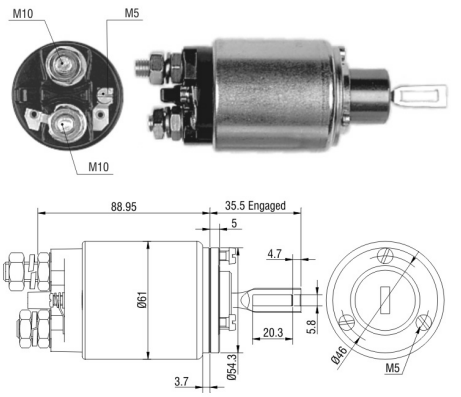
AGRALE: TX1600. VALMET: 110 ID, 68, 85 ID.

MOTOR DE PARTIDA */ STARTER:*

BOSCH: 9.000.083.015

SUBSTITUI */ REPLACE:*

BOSCH: 9.330.081.008.



ZM 534 — 12v — CAP ZM 531.91

APLICAÇÃO */ USED ON:*

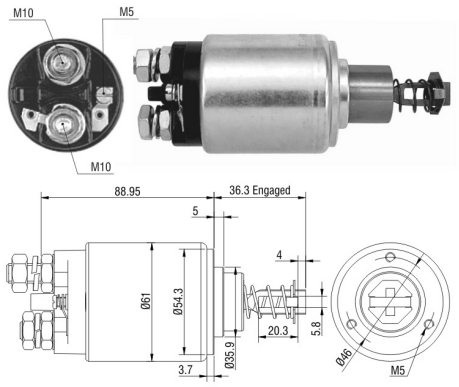
CASE: W 20. CBT: 1105. JOHN DEERE: JD 50 D. MASSEY FERGUSON: MF 235. MERCEDES-BENZ: L-1113, L-1313, L-1316, L-1513, L-1516, L-2013, L-2016, L-2213, L-2216, OF 1316, OF-1113, OF-1313, OH 1113, OH 1313, OH 1316.

MOTOR DE PARTIDA */ STARTER:*

BOSCH: 0.001.358.030, 9.000.083.000, 9.000.083.001, 9.000.083.002, 9.000.083.003, 9.000.083.004, 9.000.083.011, 9.000.083.012, 9.000.083.013, 9.000.083.018, 9.000.083.019, 9.000.083.029, 9.000.083.040

SUBSTITUI */ REPLACE:*

BOSCH: 9.330.081.031, 9.33A.081.031.



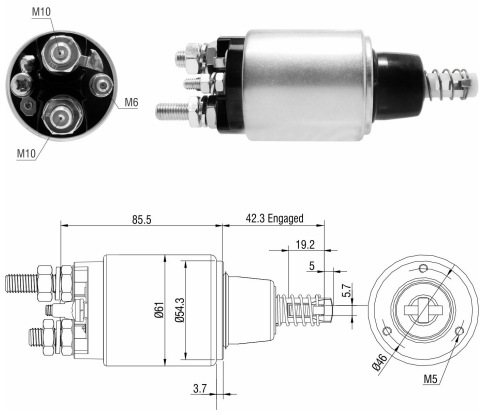
Note: Similar to ZM 636 with steel lever.
Nota: Similar ao ZM 636 com garfo de aço.

ZM 536 24v CAP ZM 531.91

APLICAÇÃO */ USED ON:*
CASE: 888, W 18D, W 18E, W 20D, W 20E. FIAT: 120, 130, 140, 80, Série 8340, Série 8360. FIAT-IVECO: 120 E 15, 150, 160. FIATALLIS: FR 120.2. FORD: B 1618, Cargo 1618. KOMATSU: A 835, GD 523 A, GD 523 R. MERCEDES-BENZ: L 1217, L 1414, L 1621, L-1214, L-1218, L-1418, L-1614, L-1618, OF-1318, OF-1620. VOLKSWAGEN: 16.180, 16.210, 17.210, 17.240, B 16-180, L 80. VOLVO: VME L 30.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 9.000.083.043, 9.000.083.046, 9.000.083.064, 9.000.083.073, 9.000.083.076, 9.000.453.079, 9.000.453.088

SUBSTITUI */ REPLACE:*
BOSCH: 9.330.081.032, 9.33A.081.032.

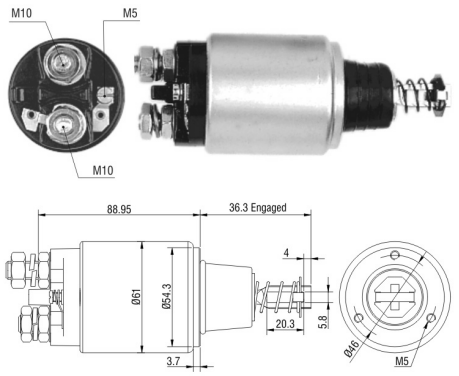


ZM 3-536 24v

APLICAÇÃO */ USED ON:*
FORD: 1722, 1723, 2422, 2423, 2428, 2429, 2622, 2623, 2628, 2629.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: F.002.G20.904. FORD: BC45-11001-BA

SUBSTITUI */ REPLACE:*
BOSCH: F.002.G20.915.

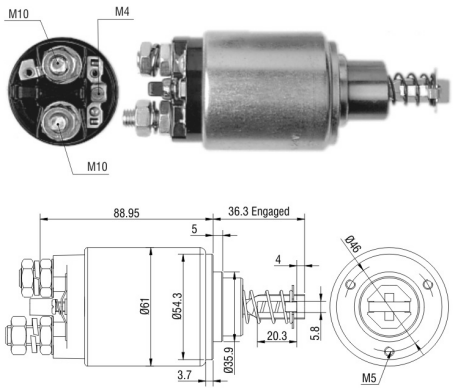


ZM 537 12v CAP ZM 531.91

APLICAÇÃO */ USED ON:*
AGRALE: AX. CASE: 580. CBT: 2105. FORD: Cargo 814, Cargo 815, Cargo C 1215, Cargo C 1216, Cargo C 1217, Cargo C 1415, Cargo C 1416, Cargo C 1417, Cargo C 1421, Cargo C 1617, Cargo C 1621, F-4000. KOMATSU: D 30 E, D 50 A, Retro-escavadeira. VALMET: 1180. VOLKSWAGEN: 12.170 BT, 13.170, 13.190, 14.170 BT, 15.170, 16.170, 16.200, 17..270. YANMAR: Trator 1050.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 9.000.083.031, 9.000.083.041, 9.000.083.051, 9.000.083.061, 9.000.083.062, 9.000.083.074, 9.000.083.075, 9.000.453.072, 9.000.453.074, 9.000.453.076, 9.000.453.083

SUBSTITUI */ REPLACE:*
BOSCH: 9.330.081.028, 9.330.451.063, 9.33A.081.028.

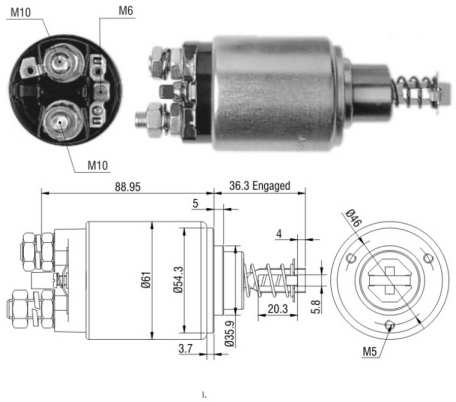


ZM 538 12v CAP ZM 538.91

APLICAÇÃO */ USED ON:*
CASE: 988.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.362.030, 0.001.362.044, 0.001.362.304, 0.001.367.026, 0.001.367.032, 0.001.368.069, 9.000.044.000, 9.000.044.001, 9.000.143.017, 9.000.143.415

SUBSTITUI */ REPLACE:*
BOSCH: 0.331.402.004, 0.331.402.016, 6.004.4F4.004, 6.004.4F4.005, 6.004.AF4.005.

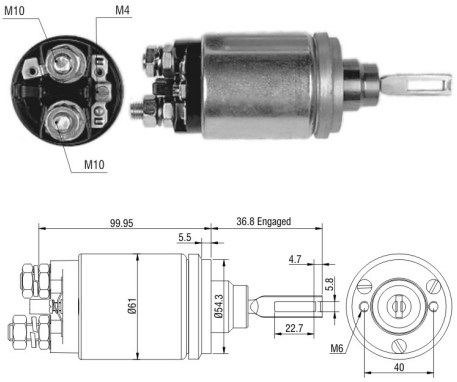


ZM 539 — 24v — CAP ZM 539.91

APLICAÇÃO */ USED ON:*
DAF: F 1300 F, F 1500 DF, F 2105 DF. FIAT: 241 TN. FIAT-IVECO: 35 NC, 40 NC, 40 NC 35, 40-35 OM, 49 NC. FIATALLIS: FE 12, FE 12R, FR 7, S 60.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.360.026, 0.001.363.101

SUBSTITUI */ REPLACE:*
BOSCH: 0.331.402.007, 0.331.402.507.

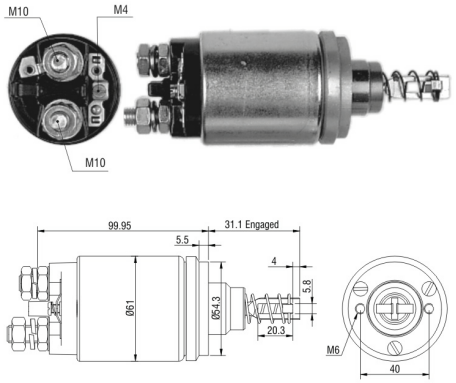


ZM 541 — 12v — CAP ZM 538.91

APLICAÇÃO */ USED ON:*
VEÍCULOS: Carraro, Goldonz, Hanomag, Lamborghini, KHD, Mercedes, VM, Same Cassani, Ruggerini.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.354.091. KHD: 130 3920. MWM: 6 0572 01 0 0049, 6 0572 01 0 0050

SUBSTITUI */ REPLACE:*
BOSCH: 0.331.402.077. KHD: 121 57798. MERCEDES-BENZ: 0 001 528 510.

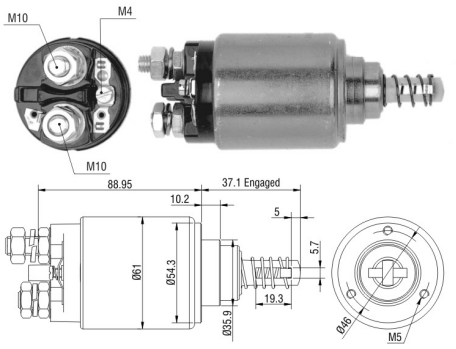


ZM 542 — 12v — CAP ZM 538.91

APLICAÇÃO */ USED ON:*
DEUTZ: Tractor D 8005 (KHD), Tractor D 9005 (KHD), Truck M90D 7L (KHD).

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.356.002, 0.001.356.003, 0.001.359.001, 0.001.359.002, 0.001.359.003, 0.001.359.006, 0.001.359.007, 0.001.359.008, 0.001.359.010, 0.001.359.012, 0.001.359.013, 0.001.359.014, 0.001.359.016, 0.001.359.019, 0.001.359.020, 0.001.359.021, 0.001.359.024, 0.001.359.025, 0.001.359.026, 0.001.359.027, 0.001.359.030, 0.001.359.032, 0.001.359.033, 0.001.359.034, 0.001.359.037, 0.001.359.038, 0.001.359.041, 0.001.359.044, 0.001.359.045, 0.001.359.046, 0.001.359.053

SUBSTITUI */ REPLACE:*
BOSCH: 0.331.400.023, 0.331.401.001, 0.331.401.003, 0.331.401.004, 0.331.401.012, 0.331.401.029, 0.331.401.046, 0.331.401.051, 0.331.401.501, 0.331.401.503, 0.331.401.504, 0.331.402.073, 0.331.402.074.



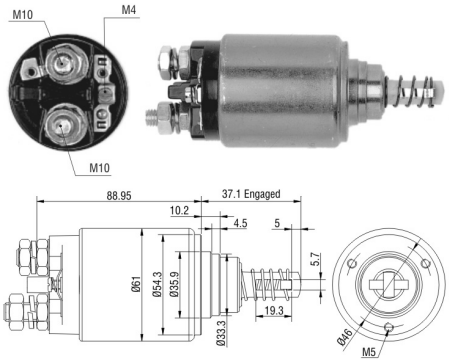
ZM 543 — 12v — CAP ZM 543.91

APLICAÇÃO */ USED ON:*
ATLAS COPCO: AR 50, AR 51, US 85. DEUTZ: D 2807, D 3607. MERCEDES-BENZ: Unimog U.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.362.046, 0.001.362.305, 0.001.362.312, 0.001.362.700, 0.001.366.008, 0.001.366.010, 0.001.366.025

SUBSTITUI */ REPLACE:*
BOSCH: 0.331.402.002, 0.331.402.003, 0.331.402.502, 0.331.402.503, F.042.010.270.

Note: Similar to ZM 1-731 with short moveable contact rod.
Nota: Similar ao ZM 1-731 com pino de contato curto.



Note: Similar to ZM 744 with short moveable contact rod.
Nota: Similar ao ZM 744 com pino de contato curto.

ZM 544 — 12v — CAP ZM 538.91

APLICAÇÃO */ USED ON:*

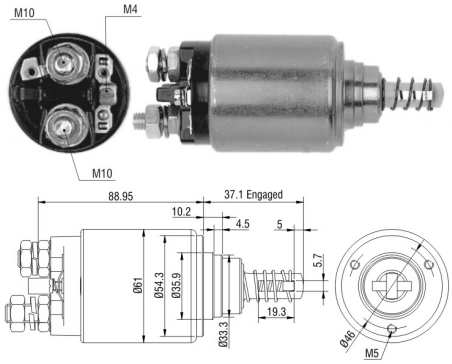
ALFA ROMEO: Alfetta. GM-OPEL: Senator. MERCEDES-BENZ: 8 (W115), G-Class, Henshel, Kombi, S-Class, T1 (601), T1 (602), T1/TN, T2/L, T2/LN1, Unimog U, W123.

MOTOR DE PARTIDA */ STARTER:*

BOSCH: 0.001.362.062, 0.001.362.073, 0.001.362.092, 0.001.367.028, 0.001.367.029, 0.001.367.030, 0.001.367.037, 0.001.367.045

SUBSTITUI */ REPLACE:*

BOSCH: 0.331.401.040, 0.331.402.001, 0.331.402.019, 0.331.402.030, 0.331.402.035, 0.331.402.039, 0.331.402.087, 0.331.402.205, 0.331.402.501, 0.331.402.504, 0.331.402.519, 0.331.402.535, 0.331.402.539.



Note: Similar to ZM 1-545 with short moveable contact rod.
Nota: Similar ao ZM 1-545 com pino de contato curto.

ZM 545 — 24v — CAP ZM 541.91

APLICAÇÃO */ USED ON:*

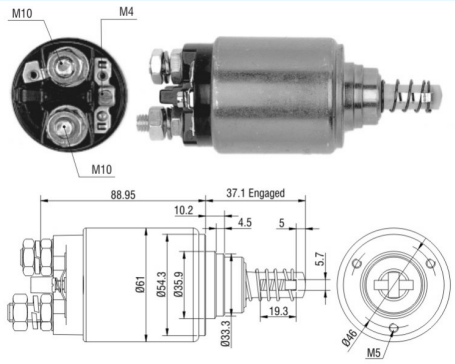
FIAT-IVECO: Zeta. FIATALLIS: 560, 645, 65 B, DI 130 C, DI 150 C, FE 12, FE 12R, FE 14, FE 16, FL 4C, FL 4D, FR 7, FR 9, TL5. SCANIA: B80, B86, BF80, BF86, BR85, CR85, F82 CL, G82, G92, G93, G93.250, P124/360, P124/400, P124/420, P93 H, P94, R124/360, R124/400, R124/420, R164/480, R164/580, T124/360, T124/400, T124/420.

MOTOR DE PARTIDA */ STARTER:*

BOSCH: 0.001.360.029, 0.001.360.032, 0.001.360.033, 0.001.360.034, 0.001.360.043, 0.001.360.050, 0.001.360.060, 0.001.360.061, 0.001.360.063, 0.001.363.103, 0.001.363.104, 0.001.363.105, 0.001.363.106, 0.001.363.107, 0.001.363.109, 0.001.363.111, 0.001.363.112, 0.001.363.113, 0.001.363.116, 0.001.363.117, 0.001.368.002, 0.001.368.009, 0.001.368.010, 0.001.368.012, 0.001.368.016, 0.001.368.017, 0.001.368.034, 0.001.368.040, 0.001.368.058, 0.001.368.069, 0.001.368.301

SUBSTITUI */ REPLACE:*

BOSCH: 0.331.402.051, 0.331.402.053, 0.331.402.054, 0.331.402.094, 0.331.402.206, 0.331.402.706.



Note: Similar to ZM 545 with long moveable contact rod.
Similar to ZM 649 with nylon lever on the movable contact.
Nota: Similar ao ZM 545 com pino de contato longo.
Similar ao ZM 649 com pino do contato de nylon.

ZM 1-545 — 24v — CAP ZM 538.91

APLICAÇÃO */ USED ON:*

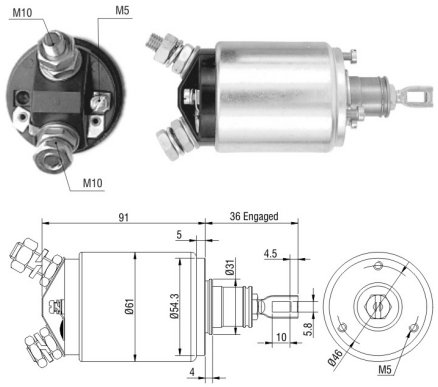
FIAT-IVECO: Zeta.

MOTOR DE PARTIDA */ STARTER:*

BOSCH: 0.001.360.029, 0.001.360.032, 0.001.360.033, 0.001.360.034, 0.001.360.043, 0.001.360.050, 0.001.360.060, 0.001.360.061, 0.001.360.063, 0.001.363.103, 0.001.363.104, 0.001.363.105, 0.001.363.106, 0.001.363.107, 0.001.363.109, 0.001.363.111, 0.001.363.112, 0.001.363.113, 0.001.363.116, 0.001.363.117, 0.001.368.002, 0.001.368.009, 0.001.368.010, 0.001.368.012, 0.001.368.016, 0.001.368.017, 0.001.368.034, 0.001.368.040, 0.001.368.058, 0.001.368.301

SUBSTITUI */ REPLACE:*

BOSCH: 0.331.402.051, 0.331.402.053, 0.331.402.054, 0.331.402.094, 0.331.402.206.



ZM 546 — 24v

APLICAÇÃO */ USED ON:*

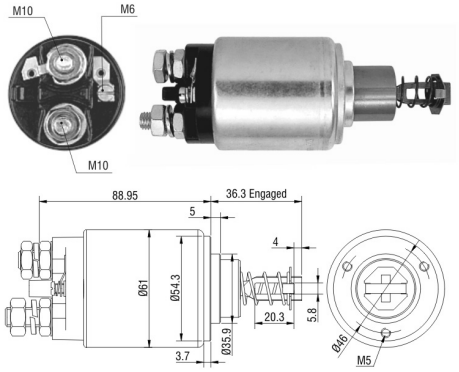
FIAT: 100, 130, 70.

MOTOR DE PARTIDA */ STARTER:*

BOSCH: 9.000.083.024, 9.000.083.025

SUBSTITUI */ REPLACE:*

BOSCH: 9.330.081.023.



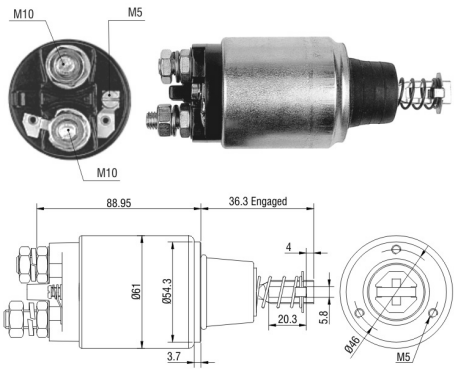
Note: Similar to ZM 637 with steel lever.
Nota: Similar ao ZM 637 com garfo de aço.

ZM 547 — 24v — CAP ZM 539.91

APLICAÇÃO */ USED ON:*
MERCEDES-BENZ: L-1317, L-1517, O 371, OF-1115, OF-1315, OF-1318, OF-1721, OH 1315, OH 1621.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 9.000.083.065

SUBSTITUI */ REPLACE:*
BOSCH: 9.330.081.045, 9.33A.081.045.

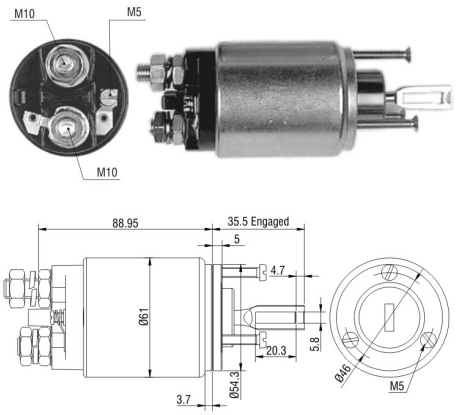


ZM 548 — 24v — CAP ZM 548.91

APLICAÇÃO */ USED ON:*
FIATALLIS: AD 7 B, FD 9, FR 10 B, FR 12 B.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 9.000.083.050, 9.000.083.068

SUBSTITUI */ REPLACE:*
BOSCH: 9.330.081.042.

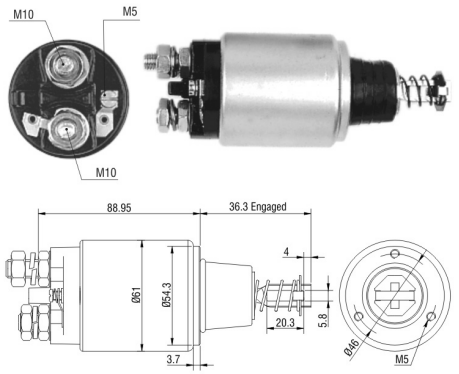


ZM 549 — 12v — CAP ZM 531.91

APLICAÇÃO */ USED ON:*
MERCEDES-BENZ: L-2013, L-2016, L-2213, L-2215, L-2216, O-362. SLC: 6200, 7200, 7700.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 9.000.083.014, 9.000.083.030

SUBSTITUI */ REPLACE:*
BOSCH: 9.330.081.035.

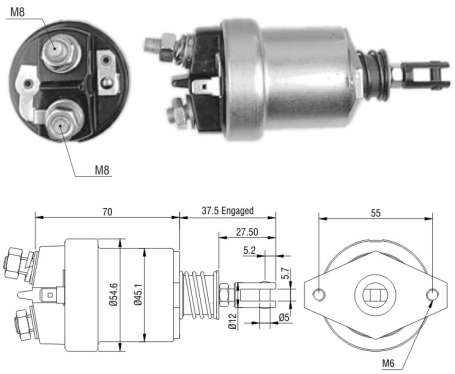


ZM 550 — 24v — CAP ZM 531.91

APLICAÇÃO */ USED ON:*
FIATALLIS: AD 7 B, FA 120, FH 200. KOMATSU: PC 150, Retro-escavadeira.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 9.000.083.045, 9.000.083.052, 9.000.083.063, 9.000.083.066, 9.000.453.075, 9.000.453.086

SUBSTITUI */ REPLACE:*
BOSCH: 9.330.081.036, 9.33A.081.036.



ZM 567 12v

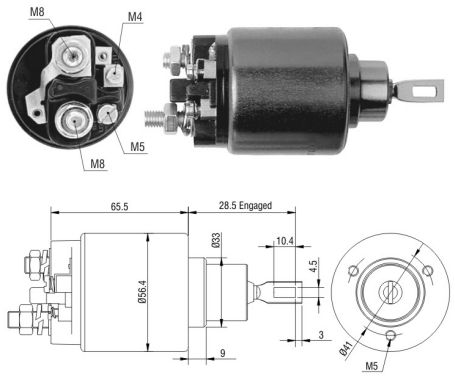
APLICAÇÃO */ USED ON:*

AGRALE: Motores Estacionários. FORD: Corcel.

MOTOR DE PARTIDA */ STARTER:*

SUBSTITUI */ REPLACE:*

BOSCH: 9.330.081.034.



ZM 571 12v CAP ZM 571.91

APLICAÇÃO */ USED ON:*

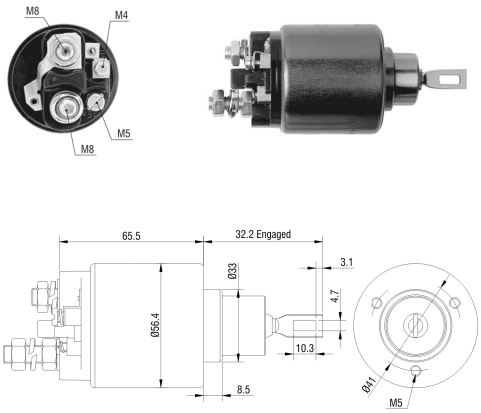
AGRALE: Série M, TX1100, Trator 4100. FORD: Corcel, Del Rey, Escort, Galaxy, Pampa, Royale, Versailles. GURGEL: Carajás, Sedan, Supermini. MIURA: Top Sport. MOTOR TIETÊ: RD 900L, RD 950, RD 950L. VOLKSWAGEN: Brasília, Fusca, Gol, Karman Ghia, Parati, Passat, Quantum, SP, Santana, Saveiro, Transporter, Variant, Voyage. YANMAR: BT, Microtrator.

MOTOR DE PARTIDA */ STARTER:*

AGRALE: 7106010078002. BOSCH: 0.001.208.200, 0.001.208.201, 0.001.208.208, 0.001.211.213, 0.001.211.214, 0.001.211.216, 0.001.211.217, 0.001.211.218, 0.001.211.219, 0.001.311.118, 0.001.311.122, 0.001.311.136, 0.001.311.137, 0.001.314.002, 0.001.314.018, 0.001.314.033, 9.000.082.025, 9.000.082.028, 9.000.082.030, 9.000.082.032, 9.000.082.034, 9.000.082.035, 9.000.082.041, 9.000.082.042, 9.000.082.043, 9.000.082.045, 9.000.082.046, 9.000.082.047, 9.000.082.049, 9.000.082.050, 9.000.082.051, 9.000.082.054, 9.000.082.057, 9.000.082.060, 9.000.082.065, 9.000.082.073, F.000.AL0.313. FORD: 3240181, 84AU-11001-B, ZBA9-11023, ZBA9-11023-A. GURGEL: 1010891. VOLKSWAGEN: 622679, 622727, ZBC911023, ZBC911023A

SUBSTITUI */ REPLACE:*

BOSCH: 0.331.303.003, 0.331.303.007, 0.331.303.010, 0.331.303.015, 0.331.303.040, 0.331.303.503, 9.330.081.039, 9.330.081.055, 9.33A.081.039.



ZM 2-571 12v CAP ZM 2-571.91

APLICAÇÃO */ USED ON:*

AUDI: 100, 4000, 80. FORD: Pampa. VOLKSWAGEN: Dasher, Iltis, Passat, Santana, Saveiro, Voyage.

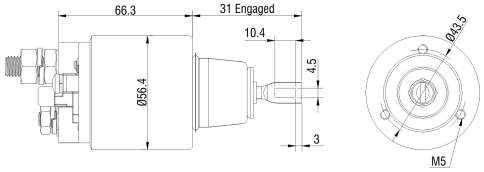
MOTOR DE PARTIDA */ STARTER:*

BOSCH: 0.001.211.218, 0.001.211.219. VOLKSWAGEN: 056911023A, 056911023AX, 056911023B

SUBSTITUI */ REPLACE:*

BOSCH: 0.331.303.007.





ZM 3-571 12v

APLICAÇÃO */ USED ON:*

FAMSA: f 1314 C/B, f 1317 C/B, f 1321 C/B, f 1514, f 1517, f 1521. FORD-NEW HOLLAND: 8040, 8055. MERCEDES-BENZ: 1214, 1714, 1718, 1720, 1721, 1722, 1723, 2418, 709, 710, 712, 912, 914, L 1116, L 1117, L 1217, L 1414, L 1420, L 1621, L 1717, L-1113, L-1114, L-1118, L-1214, L-1218, L-1313, L-1314, L-1316, L-1317, L-1318, L-1319, L-1418, L-1513, L-1516, L-1517, L-1518, L-1614, L-1618, L-1620, L-2013, L-2014, L-2016, L-2213, L-2214, L-2216, L-2217, L-2314, L-2318, L-608 D, L-708 E, LA-1113, LA-1117, LA-1313, LA-1513, LA-2013, LA-2213, LB-2218, LB-2318, LK 2218, LK 2318, LO-708 E, LO-809, LO-812, LO-814, LPO-1113, LS 1313, LS 1518, O 365, O-362, O-364, OF 1114, OF 1314, OF 812, OF-1113, OF-1313, OH 1313, OH 1314, OH 1316. TOYOTA: Bandeirante.

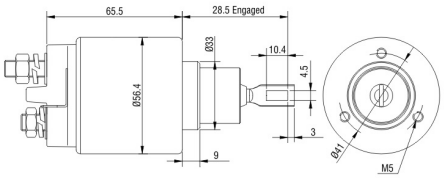
MOTOR DE PARTIDA */ STARTER:*

BOSCH: F.000.AL0.128, F.000.AL0.135, F.000.AL0.136, F.000.AL0.137, F.000.AL0.138, F.000.AL0.139

SUBSTITUI */ REPLACE:*

BOSCH: F.000.SH0.209.





ZM 572 12v CAP ZM 573.91

APLICAÇÃO */ USED ON:*

GM-CHEVROLET: Ipanema, Kadett, Monza.

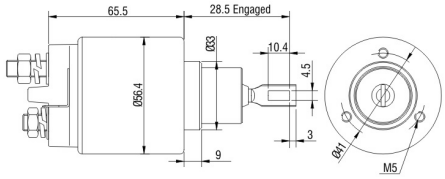
MOTOR DE PARTIDA */ STARTER:*

BOSCH: 9.000.082.058

SUBSTITUI */ REPLACE:*

BOSCH: 9.330.081.041.





ZM 573 12v CAP ZM 573.91

APLICAÇÃO */ USED ON:*

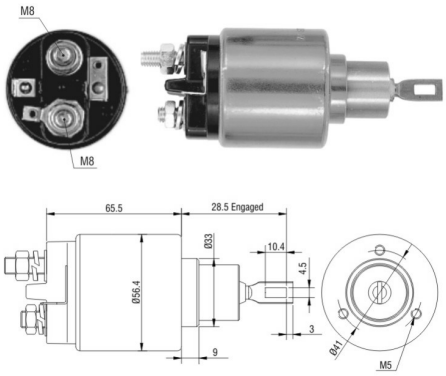
AUDI: 100, 200. FIAT: Tempra, Tipo. VOLKSWAGEN: Golf, Passat.

MOTOR DE PARTIDA */ STARTER:*

BOSCH: 0.001.107.003, 0.001.107.007, 0.001.108.001, 0.001.108.005, 0.001.108.014, 0.001.108.047, 0.001.108.048, 0.001.108.076, 0.001.108.094, 0.001.108.101, 0.001.108.102, 0.001.108.136, 0.001.110.001, 0.001.110.002, 0.001.110.014, 0.001.110.015, 0.001.110.029, 0.001.110.030, 0.001.110.031, 0.001.110.033, 0.001.110.042, 0.001.110.061, 0.001.110.063, 0.001.110.100, 0.001.110.101, 0.001.112.003, 0.001.112.008, 0.001.114.003, 0.001.114.004, 0.001.114.006, 0.001.114.009, 0.001.114.015, 0.001.114.016, 0.001.114.024, 0.001.124.005, 0.001.124.006, 0.001.208.411, 0.001.208.412, 0.001.208.414, 0.001.208.419, 0.001.208.516, 0.001.208.707, 0.001.208.714, 0.001.208.719, 0.001.211.207, 0.001.211.223, 0.001.211.224, 0.001.211.233, 0.001.211.234, 0.001.211.235, 0.001.211.236. VOLKSWAGEN: 02B911023D. ZM: 80.110.07

SUBSTITUI */ REPLACE:*

BOSCH: 0.331.303.002, 0.331.303.013, 0.331.303.024, 0.331.303.029, 0.331.303.041, 0.331.303.059, 0.331.303.068, 0.331.303.070, 0.331.303.071, 0.331.303.112, 0.331.303.502, 2.339.303.232, 9.330.081.040. VOLKSWAGEN: 026-911-287.

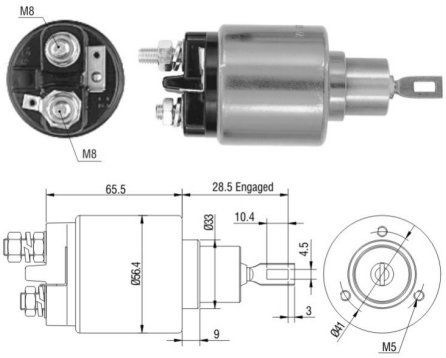


ZM 1-573 12v CAP ZM 1-573.91

APLICAÇÃO */ USED ON:*
VOLVO: 740, 940, 960.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.108.088. VOLVO: 3523301

SUBSTITUI */ REPLACE:*
BOSCH: 2.339.303.240.

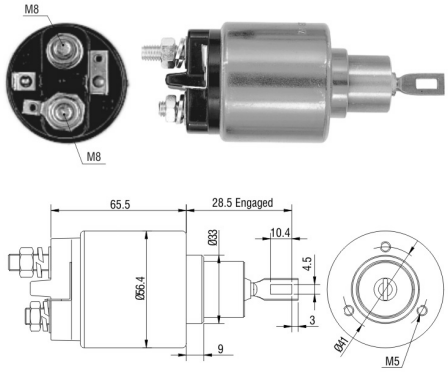


ZM 2-573 12v CAP ZM 2-573.91

APLICAÇÃO */ USED ON:*
VOLKSWAGEN: Caravelle, Multivan, Transporter.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.107.005, 0.001.107.006, 0.001.108.043, 0.001.108.044, 0.001.108.059, 0.001.108.060, 0.001.108.096, 0.001.108.097, 0.001.110.014, 0.001.110.015, 0.001.110.031, 0.001.110.032, 0.001.110.057, 0.001.110.058, 0.001.110.061, 0.001.110.062, 0.001.110.069, 0.001.110.070, 0.001.112.010, 0.001.112.011, 0.001.124.005, 0.001.124.006, 0.001.125.001, 0.001.125.031, 0.001.208.224, 0.001.208.411, 0.001.208.412.
VOLKSWAGEN: 02B911023D

SUBSTITUI */ REPLACE:*
BOSCH: 0.331.303.070, 2.339.303.345, 2.339.303.378.

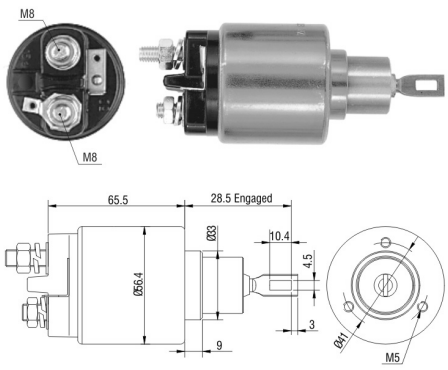


ZM 574 12v CAP ZM 574.91

APLICAÇÃO */ USED ON:*
ALFA ROMEO: 2300 TI. FIAT: 147, Elba, Prêmio, Tempra, Uno. GM-CHEVROLET: Chevette, Chevy, Marajó.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.108.012, 0.001.108.030, 0.001.108.038, 0.001.108.088, 0.001.108.089, 0.001.108.091, 0.001.108.092, 0.001.311.100, 0.001.314.025, 9.000.082.021, 9.000.082.033, 9.000.082.039, 9.000.082.040, 9.000.082.048, 9.000.082.052, 9.000.082.053, 9.000.082.061, 9.000.082.066

SUBSTITUI */ REPLACE:*
BMW: 1241.1.273.228. BOSCH: 0.331.303.008, 0.331.303.033, 0.331.303.074, 9.330.081.046, 9.33A.081.046. SAAB: 75 27 856. VOLVO: 13635461.

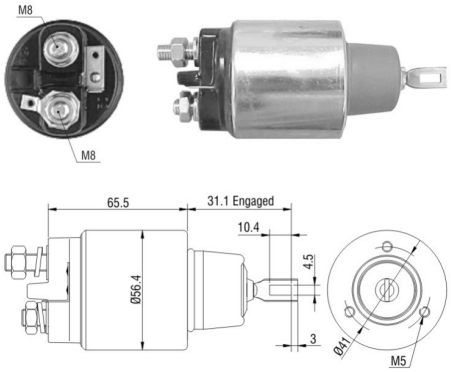


ZM 575 12v CAP ZM 575.91

APLICAÇÃO */ USED ON:*
ALFA ROMEO: Alfa 145. FIAT: Duna. LADA: Samara.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.110.005, 0.001.110.012, 0.001.110.025, 0.001.208.204, 0.001.208.408, 0.001.208.410, 0.001.311.129

SUBSTITUI */ REPLACE:*
BOSCH: 0.331.303.006, 0.331.303.026, 0.331.303.506.

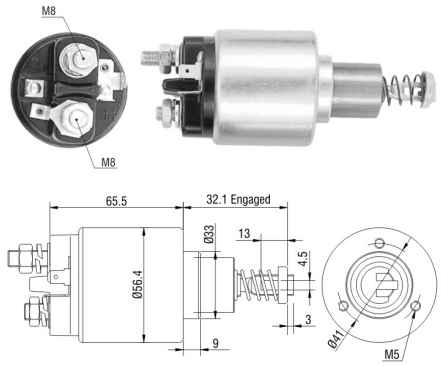


ZM 1-575 12v CAP ZM 575.91

APLICAÇÃO */ USED ON:*
LAND ROVER / ROVER GROUP: Land Rover Defender, Land Rover Discovery, Range Rover.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.109.040, 0.001.110.120

SUBSTITUI */ REPLACE:*
BOSCH: 0.331.303.168.

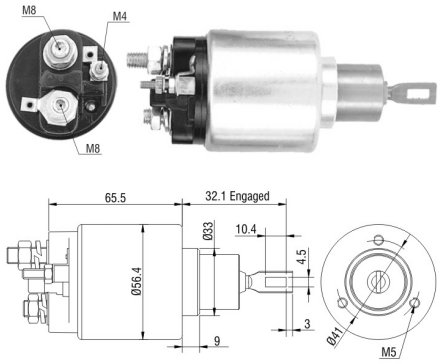


ZM 576 12v CAP ZM 576.91

APLICAÇÃO */ USED ON:*
VOLKSWAGEN: Caddy, Golf, Jetta, Scirocco.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.212.204, 0.001.212.205, 0.001.212.206, 0.001.212.207, 0.001.212.400, 0.001.212.401, 0.001.312.106, 0.001.312.107, 0.001.314.014, 0.001.317.008, 0.001.317.012, 0.001.317.015, 0.001.317.021, 0.001.317.024

SUBSTITUI */ REPLACE:*
BOSCH: 0.331.303.004, 0.331.303.009, 0.331.303.018, 0.331.303.073.

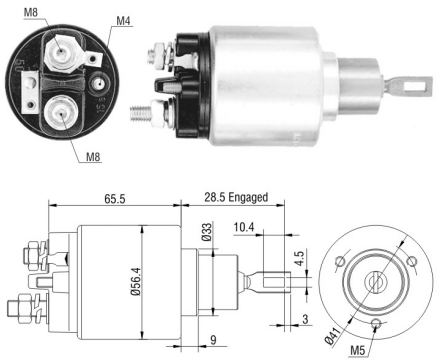


ZM 577 12v CAP ZM 577.91

APLICAÇÃO */ USED ON:*
CHRYSLER: Daytona, Laser, Le Baron, New Yorker. CHRYSLER-DODGE: 600, Aries, Caravan, Charger. CHRYSLER-PLYMOUTH: Acclaim, Caravelle, Horizon, Reliant, Sundance.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.108.013, 0.001.108.032, 0.001.108.045, 0.001.208.413

SUBSTITUI */ REPLACE:*
BOSCH: 0.331.303.020, 0.331.303.520.

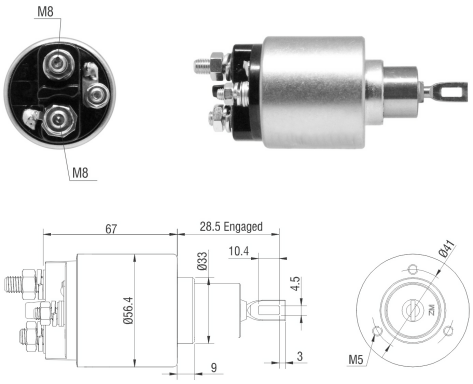


ZM 578 12v CAP ZM 578.91

APLICAÇÃO */ USED ON:*
FORD: Scorpio, Sierra.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.108.004, 0.001.108.019, 0.001.108.020, 0.001.108.039, 0.001.208.219, 0.001.208.501, 0.001.208.513, 0.001.211.206, 0.001.211.227, 0.001.211.228, 0.001.211.242, 0.001.211.246, 0.001.211.512, 0.001.211.513, 0.001.311.107, 0.001.311.121

SUBSTITUI */ REPLACE:*
BOSCH: 0.331.303.005, 0.331.303.016, 0.331.303.028, 0.331.303.031.

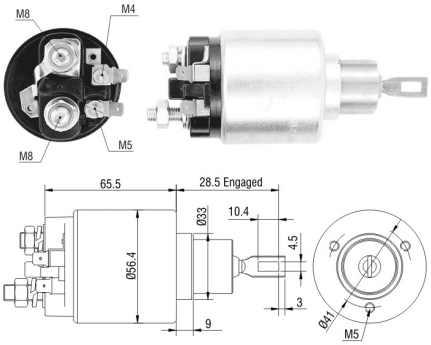


ZM 1-578 12v

APLICAÇÃO */ USED ON:*
FORD: Scorpio, Sierra.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.121.104, 0.001.121.127, 0.986.015.270. FORD: 89BB11000DA, 89BB11000DB, 89BB11000DC

SUBSTITUI */ REPLACE:*
BOSCH: 0.331.303.089.



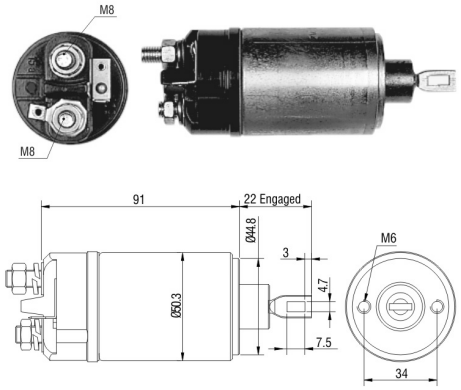
Note: Similar to ZM 571 with male spade terminal.
Nota: Similar ao ZM 571 com terminal espada.

ZM 580 12v CAP ZM 580.91

APLICAÇÃO */ USED ON:*
AGRALE: Série M, TX1100, Trator 4100. GURGEL: Sedan, Supermini. MOTOR TIETÊ: RD 900, RD 900L, RD 950, RD 950L. VOLKSWAGEN: Brasília, Fusca, Gol, Karman Ghia, Passat, SP, Transporter, Variant, Voyage. YANMAR: BT, Microtrator.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.208.200, 0.001.208.201, 0.001.208.208, 0.001.211.213, 0.001.211.214, 0.001.211.216, 0.001.211.217, 0.001.211.218, 0.001.211.219, 0.001.311.118, 0.001.311.122, 0.001.311.136, 0.001.311.137, 0.001.314.002, 0.001.314.018, 0.001.314.033, 9.000.082.025, 9.000.082.028, 9.000.082.030, 9.000.082.032, 9.000.082.034, 9.000.082.035, 9.000.082.041, 9.000.082.042, 9.000.082.043, 9.000.082.045, 9.000.082.046, 9.000.082.047, 9.000.082.049, 9.000.082.051, 9.000.082.054, 9.000.082.057, 9.000.082.060, 9.000.082.065, 9.000.082.073

SUBSTITUI */ REPLACE:*
BOSCH: 0.331.303.003, 0.331.303.007, 0.331.303.010, 0.331.303.015, 0.331.303.040, 0.331.303.503, 9.330.081.039, 9.33A.081.039.

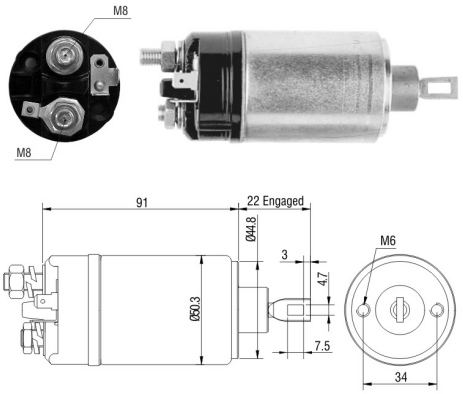


ZM 621 6v CAP ZM 621.96

APLICAÇÃO */ USED ON:*
VOLKSWAGEN: 1200, 1300.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.207.016, 0.001.207.017, 0.001.207.018, 0.001.207.019, 0.001.209.001, 0.001.209.006, 0.001.209.014, 0.001.310.005, 0.001.310.008, 0.001.310.023

SUBSTITUI */ REPLACE:*
BOSCH: 0.331.302.001, 0.331.302.002, 0.331.302.004, 0.331.302.005.

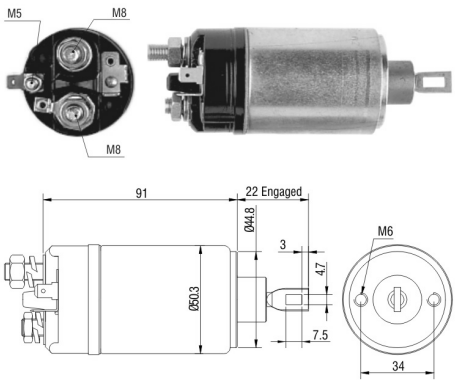


ZM 622 12v CAP ZM 521.96

APLICAÇÃO */ USED ON:*
VOLVO: 0, 160, 240, 340, 343, 345, C 202, C 303, C 304.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.211.013, 0.001.311.001, 0.001.311.027, 0.001.311.114, 0.001.311.127

SUBSTITUI */ REPLACE:*
BOSCH: 0.331.302.034.

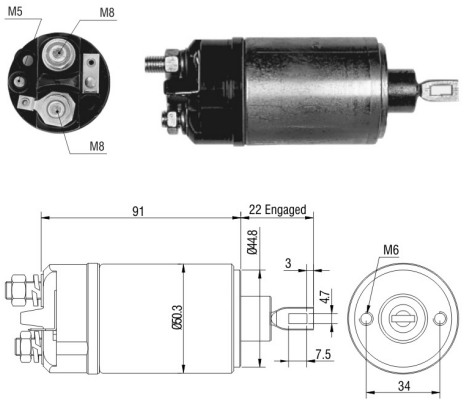


ZM 623 12v CAP ZM 623.96

APLICAÇÃO / *USED ON:*
FORD: Capri.

MOTOR DE PARTIDA / *STARTER:*
BOSCH: 0.001.208.030, 0.001.211.018, 0.001.211.023, 0.001.311.023

SUBSTITUI / *REPLACE:*
BOSCH: 0.331.302.033.

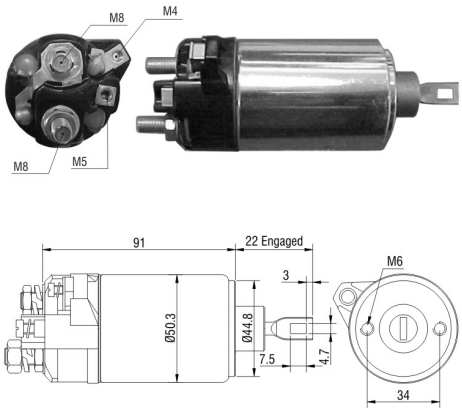


ZM 624 12v CAP ZM 624.96

APLICAÇÃO / *USED ON:*
FORD: Capri, Granada, Taunus, Transit. MERCEDES-BENZ: T1 (601).

MOTOR DE PARTIDA / *STARTER:*
BOSCH: 0.001.217.001, 0.001.311.033, 0.001.311.034, 0.001.311.037, 0.001.311.038, 0.001.311.048

SUBSTITUI / *REPLACE:*
BOSCH: 0.331.302.053.

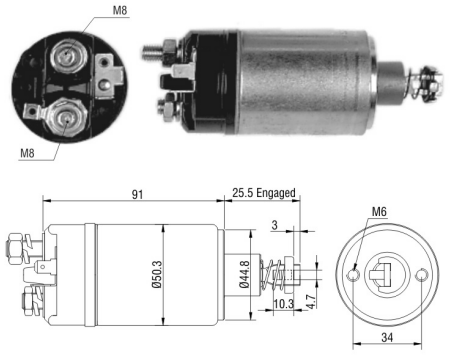


ZM 625 12v CAP ZM 525.96

APLICAÇÃO / *USED ON:*
AUDI: 100. PORSCHE: 924. VOLKSWAGEN: LT 28, LT 31, LT 35.

MOTOR DE PARTIDA / *STARTER:*
BOSCH: 0.001.208.047, 0.001.208.056, 0.001.208.058, 0.001.208.059

SUBSTITUI / *REPLACE:*
BOSCH: 0.331.302.003, 0.331.302.026, 0.331.302.048, 0.331.302.086, 0.331.302.094, 0.331.302.530.

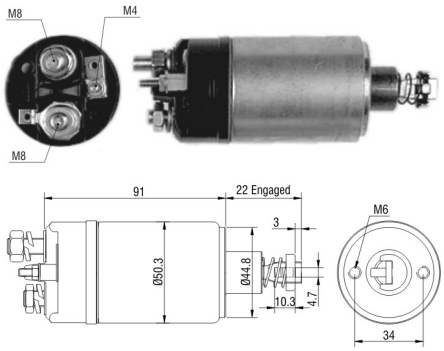


ZM 626 12v CAP ZM 521.96

APLICAÇÃO / *USED ON:*
PORSCHE: 911, 914. VOLKSWAGEN: Beetle.

MOTOR DE PARTIDA / *STARTER:*
BOSCH: 0.001.212.005, 0.001.212.007, 0.001.212.012, 0.001.212.208

SUBSTITUI / *REPLACE:*
BOSCH: 0.331.302.024, 0.331.302.032, 0.331.302.074, 0.331.302.524.

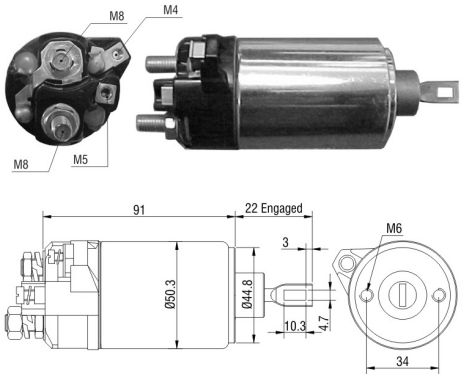


ZM 627 12v CAP ZM 627.96

APLICAÇÃO */ USED ON:*
CHRYSLER-DODGE: Charger, Dodge Polara, Omni. CHRYSLER-PLYMOUTH: Horizon, Turismo.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.208.403

SUBSTITUI */ REPLACE:*
BOSCH: 0.331.302.096, 0.331.302.596. CHRYSLER: 5006626.

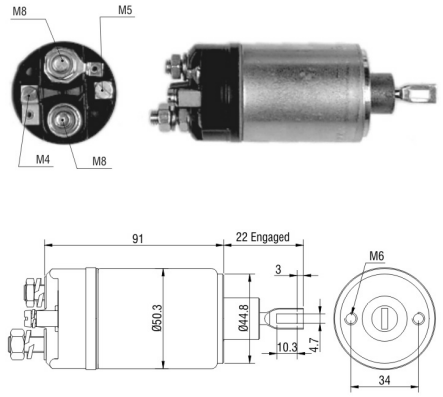


ZM 628 12v CAP ZM 525.96

APLICAÇÃO */ USED ON:*
MERCEDES-BENZ: C-Class, G-Class, S-Class, SL-Class, T1 (601), W123.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.211.209, 0.001.211.210, 0.001.311.041, 0.001.313.003, 0.001.313.005, 0.001.313.006, 0.001.313.007

SUBSTITUI */ REPLACE:*
BOSCH: 0.331.302.050, 0.331.302.101, 0.331.302.601.

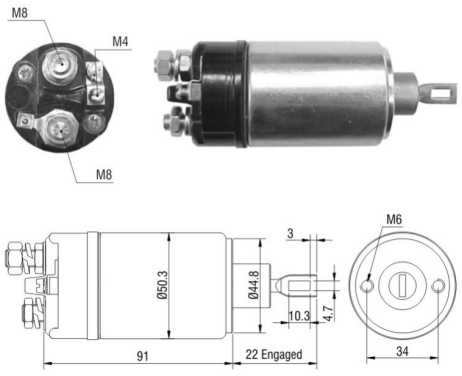


ZM 629 12v CAP ZM 629.96

APLICAÇÃO */ USED ON:*
AUDI: 100, Super 90. MERCEDES-BENZ: 190 series, 200, 230.

MOTOR DE PARTIDA */ STARTER:*

SUBSTITUI */ REPLACE:*
BOSCH: 0.330.041.001, 0.330.041.004, 9.330.041.001.

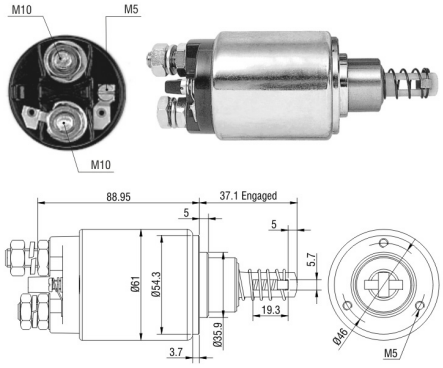


ZM 2-629 12v CAP ZM 2-629.96

APLICAÇÃO */ USED ON:*
BUKH MARINE: DV. SAAB: 2 H, 2 HG, H-HG series. VOLVO: Penta Marine.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.311.035, 0.001.311.050, 0.001.311.051, 0.001.311.052, 0.001.311.054, 0.001.311.055, 0.001.311.056, 0.001.314.003, 0.001.314.008, 0.001.314.009, 0.001.314.010, 0.001.314.011, 0.001.314.016, 0.001.314.017, 0.001.314.024, 0.001.314.031, 0.001.315.002

SUBSTITUI */ REPLACE:*
BOSCH: 0.331.302.060, 0.331.302.560.



Note: Similar to ZM 531 with nylon lever.
Nota: Similar ao ZM 531 com garfo de nylon.

ZM 631 12v CAP ZM 531.91

APLICAÇÃO */ USED ON:*

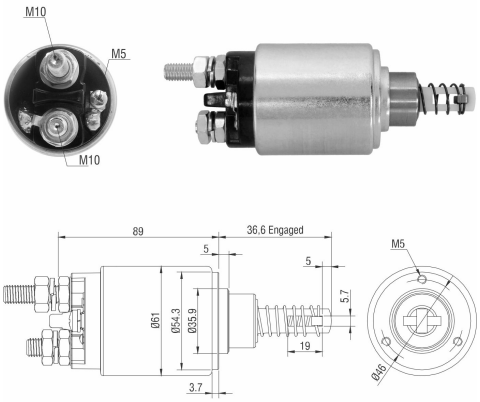
AGRALE: 1600 D, 1800 D, 4500 D, 5000 D, 6150, 7000 D, 7000 DX, 7000 TDX, 7500, 8500 TDX, BX, MA 7.5 T, TX1600. CASE: 80, W 18, W 20, W 20B, W 20E. CBT: 1065, 1105, 2080, 2105, 8060 4x4, 8240, 8260, 8440. FIATALLIS: FB 80. FORD: F-12000, F-14000, F-4000. GM-CHEVROLET: D 6000, D series. JOHN DEERE: JD 50 D. MASSEY FERGUSON: MF 1630, MF 235, MF 265, MF 265/4, MF 275, MF 275/4, MF 283, MF 290, MF 290/4, MF 292, MF 292/4, MF 295, MF 295/4, MF 296, MF 296/4, MF 3640, MF 5650, MF 6845, MF 6855, MF 6865. MAXION: 9110, 9130, 9150, 9170, Ideal 9070, Ideal 9075, Ideal 9090. MERCEDES-BENZ: 1214, 1714, 1717, 1718, 1720, 1721, 1722, 1723, 2418, 709, 710, 712, 912, 914, 917, L 1013, L 1111, L 1116, L 1117, L-1113, L-1114, L-1118, L-1218, L-1313, L-1314, L-1316, L-1317, L-1318, L-1418, L-1513, L-1516, L-1517, L-1518, L-1620, L-2013, L-2014, L-2016, L-2213, L-2214, L-2215, L-2216, L-2217, L-2314, L-608 D, L-610, L-708 E, LA-1113, LA-1117, LA-1313, LA-1513, LA-2013, LA-2213, LB-2218, LB-2318, LK 2318, LO-708 E, LO-809, LO-812, LO-814, LPO-1113, LS 1313, LS 1518, O 365, O-362, O-364, OF 1114, OF 1314, OF-1113, OF-1313, OH 1113, OH 1313, OH 1314, OH 1316. MÜLLER: RT 62 H, RT 82 H, VAP 55, VIBRO RT 62, VIBRO RT 82. NEW HOLLAND: 8040, 8055. SLC: 6200, 7200, 7700. TOYOTA: Bandeirante. VALMET: 110 ID, 118, 118-4, 128, 138, 138-4, 148, 62 ID, 65 ID, 68, 685, 78, 85 ID, 88, 880, 980. VOLKSWAGEN: 12.140 T, 12.180, 13.150, 13.180, 14.150, 14.180, 14.200, 7-120, 7.100, 8-100, 8-150, 8.120, 8.140, 9.150. YANMAR: 1050.D, BT, BTD.

MOTOR DE PARTIDA */ STARTER:*

BOSCH: 9.000.083.027, 9.000.083.028, 9.000.083.035, 9.000.083.036, 9.000.083.037, 9.000.083.038, 9.000.083.042, 9.000.083.053, 9.000.083.054, 9.000.083.055, 9.000.083.056, 9.000.083.058, 9.000.083.059, 9.000.083.067, 9.000.083.069, 9.000.083.071, 9.000.083.072, 9.000.083.077, 9.000.083.089

SUBSTITUI */ REPLACE:*

BOSCH: 9.330.081.030.



ZM 3-631 12v

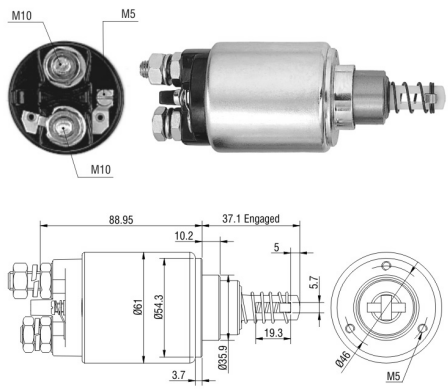
APLICAÇÃO */ USED ON:*

MAHINDRA: M4530, M7030, M8000.

MOTOR DE PARTIDA */ STARTER:*

MAHINDRA: FZ0801002049-0. ZM: 81.102.10

SUBSTITUI */ REPLACE:*



ZM 632 12v CAP ZM 531.91

APLICAÇÃO */ USED ON:*

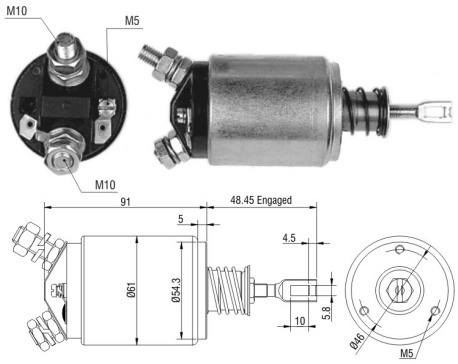
AGRALE: 6150. MÜLLER: TM 12, TM 14. NEW HOLLAND: Trator. PUMA: 914. VALMET: 1280, 1580, 1780, 785, 885, 985.

MOTOR DE PARTIDA */ STARTER:*

BOSCH: 9.000.453.080, 9.000.453.082, 9.000.453.091. CASE: 148031A1, 14803A1. NEW HOLLAND: 82991684, 82991684N, 9578536

SUBSTITUI */ REPLACE:*

BOSCH: 9.330.451.092, 9.330.451.094.



ZM 633 12v

APLICAÇÃO */ USED ON:*

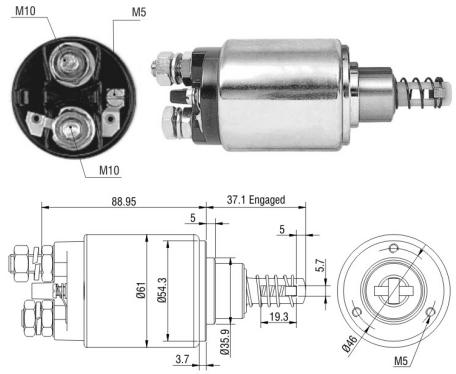
CASE: 100 B, 1246, 125 B, 125 B 2, 221, 2400 GD, 321, 3500 GD, 3654, 3800, 3964, 3965, 3980, 431, 454, 531, 544HS, 553, 554, 644, 724, 743, 744, 745, 824, 844, 85 series, 895, H 30 B, H 50 B, H 60 B, TD 7 E, TD 8B. MERCEDES-BENZ: Unimog U.

MOTOR DE PARTIDA */ STARTER:*

BOSCH: 0.001.354.016, 0.001.354.018, 0.001.354.031, 0.001.354.080, 0.001.354.085

SUBSTITUI */ REPLACE:*

BOSCH: 0.331.400.008, 0.331.400.068, 0.331.401.015. THERMO KING: 44.964.



Note: Similar to ZM 536 with nylon lever.
Nota: Similar ao ZM 536 com garfo de nylon.

ZM 636 24v CAP ZM 531.91

APLICAÇÃO */ USED ON:*

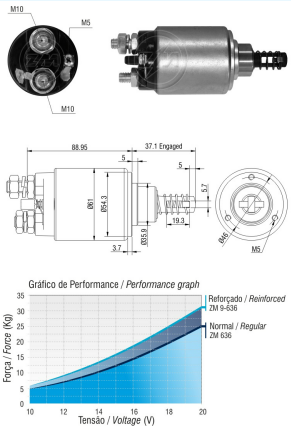
CASE: 888, W 18D, W 18E, W 20D, W 20E. FIAT: 120, 130, 140, 80, Série 8340, Série 8360. FIAT-IVECO: 120 E 15, 150, 160. FIATALLIS: FR 120.2. FORD: B 1618, Cargo 1618. KOMATSU: A 835, GD 523 A, GD 523 R. MERCEDES-BENZ: L 1217, L 1414, L 1621, L-1214, L-1218, L-1418, L-1614, L-1618, OF-1318, OF-1620. VOLKSWAGEN: 16.180, 16.210, 17.210, 17.240, B 16-180, L 80. VOLVO: VME L 30.

MOTOR DE PARTIDA */ STARTER:*

BOSCH: 9.000.083.043, 9.000.083.046, 9.000.083.064, 9.000.083.073, 9.000.083.076, 9.000.453.079, 9.000.453.088

SUBSTITUI */ REPLACE:*

BOSCH: 9.330.081.032, 9.33A.081.032.



ZM 9-636 24v CAP ZM 9-636.91

APLICAÇÃO */ USED ON:*

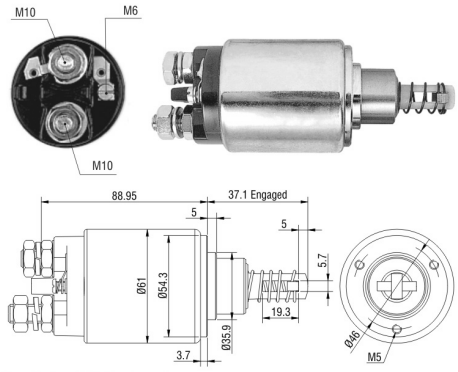
CASE: 888, W 18D, W 18E, W 20D, W 20E. FIAT: 120, 130, 140, 80, Série 8340, Série 8360. FIAT-IVECO: 120 E 15, 150, 160. FIATALLIS: FR 120.2. FORD: B 1618, Cargo 1618. KOMATSU: A 835, GD 523 A, GD 523 R. MERCEDES-BENZ: L 1217, L 1414, L 1621, L-1214, L-1218, L-1418, L-1614, L-1618, OF-1318, OF-1620. VOLKSWAGEN: 16.180, 16.210, 17.210, 17.240, B 16-180, L 80. VOLVO: VME L 30.

MOTOR DE PARTIDA */ STARTER:*

BOSCH: 9.000.083.043, 9.000.083.046, 9.000.083.064, 9.000.083.073, 9.000.083.076, 9.000.453.079, 9.000.453.088

SUBSTITUI */ REPLACE:*

BOSCH: 9.330.081.032.



Note: Similar to ZM 547 with nylon lever.
Nota: Similar ao ZM 547 com garfo de nylon.

ZM 637 24v CAP ZM 637.91

APLICAÇÃO */ USED ON:*

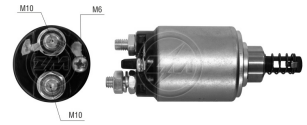
MERCEDES-BENZ: L-1317, L-1517, O 371, OF-1115, OF-1315, OF-1318, OF-1721, OH 1315, OH 1621.

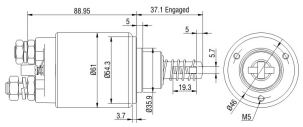
MOTOR DE PARTIDA */ STARTER:*

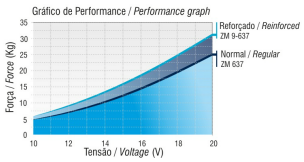
BOSCH: 9.000.083.065

SUBSTITUI */ REPLACE:*

BOSCH: 9.331.081.045.







ZM 9-637 24v

CAP ZM 9-637.91

APLICAÇÃO */ USED ON:*

MERCEDES-BENZ: L-1317, L-1517, O 371, OF-1115, OF-1315, OF-1318, OF-1721, OH 1315, OH 1621.

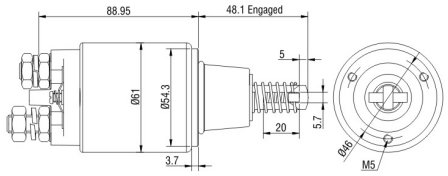
MOTOR DE PARTIDA */ STARTER:*

BOSCH: 9.000.083.065

SUBSTITUI */ REPLACE:*

BOSCH: 9.330.081.045.





ZM 638 24v

CAP ZM 538.91

APLICAÇÃO */ USED ON:*

VOLVO: B 57, BB 57, F 85, FB 86, LM 1240, N 7, VHK 118.

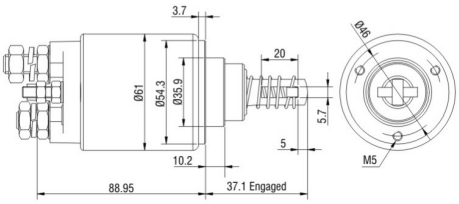
MOTOR DE PARTIDA */ STARTER:*

BOSCH: 0.001.360.023, 0.001.360.025, 0.001.360.036, 0.001.360.038, 0.001.360.040, 0.001.360.049, 0.001.368.018, 0.001.368.030, 0.001.368.041, 0.001.368.071, 0.001.368.303, 0.001.368.316. HATZ: 50195400. SCANIA: 1404788, 369556. VOLVO: 243007

SUBSTITUI */ REPLACE:*

BOSCH: 0.331.402.005, 0.331.402.208. HATZ: 49060900. SCANIA: 387478. VOLVO: 11992387.





ZM 1-639 24v

APLICAÇÃO */ USED ON:*

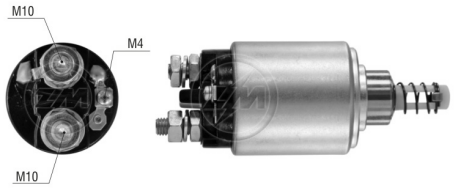
MERCEDES-BENZ: 1215, 2423, 712, 914, 915, Atego, L 1622, L-1218, L-1418, L-1618, O 500 M, O 500 R, O 500 U.

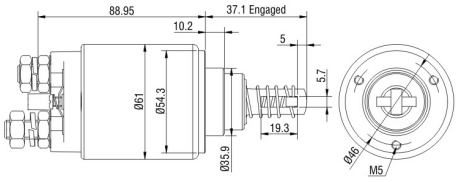
MOTOR DE PARTIDA */ STARTER:*

BOSCH: 0.001.231.002, 0.001.231.033, 0.986.017.240. MERCEDES-BENZ: 0 041 512 203, 0 041 516 201, 0 041 518 401, 0 051 512 001, 0 061 512 201

SUBSTITUI */ REPLACE:*

BOSCH: 2.339.402.117, 2.339.402.156, 2.339.402.180.





ZM 2-639 24v

APLICAÇÃO */ USED ON:*

RENAULT: Manager, Maxter, Midliner, Midlum, Premium Distribution.

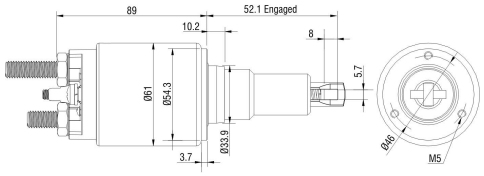
MOTOR DE PARTIDA */ STARTER:*

BOSCH: 0.001.231.009. MAN: 81 26201 9013, A5 00055 9254. RENAULT: 0025841044, 5000791211, 5001014221, 5001852507, 5010090370, 5010090683, 5010306413, 5010508443. SAVIEM: 5000559254

SUBSTITUI */ REPLACE:*

BOSCH: 2.339.402.139.





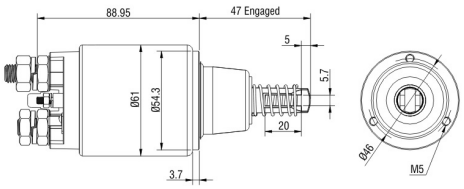
ZM 3-639 24v

APLICAÇÃO */ USED ON:*
SCANIA: Série P, Série R, Série T.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.241.001, 0.001.241.003, 0.001.241.007, 0.001.241.014, 0.001.241.019, 0.001.261.002, 0.001.261.026, 0.986.021.480, F.042.002.135. DAF: 1604246, 1667205, 1688720. SCANIA: 1447911, 1796026. ZM: 80.137.01

SUBSTITUI */ REPLACE:*
BOSCH: 2.339.402.220, 2.339.402.230, F.042.010.673.





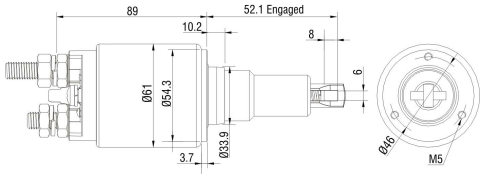
ZM 4-639 12v

APLICAÇÃO */ USED ON:*
CASE: Combines.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.367.061

SUBSTITUI */ REPLACE:*
BOSCH: 2.339.402.118, 2.339.402.126.





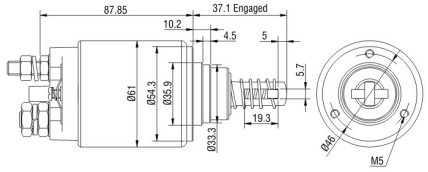
ZM 5-639 24v

APLICAÇÃO */ USED ON:*
DAF: CF 85, Trucks, XF 105.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.241.006, 0.001.241.015, 0.001.241.020, 0.986.022.260. DAF: 1667425, 1688625, 1739935

SUBSTITUI */ REPLACE:*
BOSCH: 2.339.402.225.



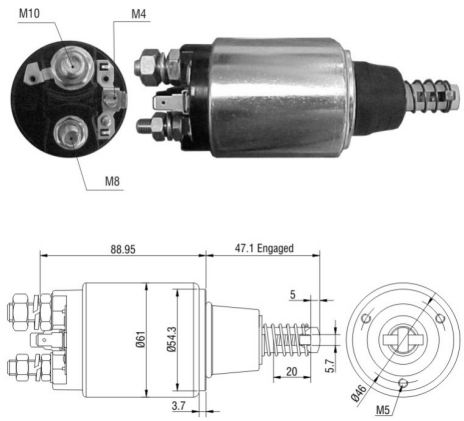


ZM 640 24v CAP ZM 640.91

APLICAÇÃO */ USED ON:*
DAF: F 1300 F, F 1500 DF, F 2105 DF.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.368.034, 0.001.368.065

SUBSTITUI */ REPLACE:*
BOSCH: 0.331.402.089.



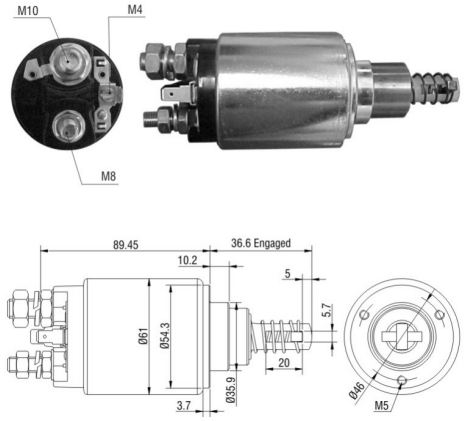
ZM 1-640 12v

CAP ZM 1-640.91

APLICAÇÃO */ USED ON:*
NEW HOLLAND: Tractor, Trator.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.369.023, 0.001.369.201. FORD: 82005342, 82013922. NEW HOLLAND: 82005343, 82013923

SUBSTITUI */ REPLACE:*
BOSCH: 2.339.402.115.



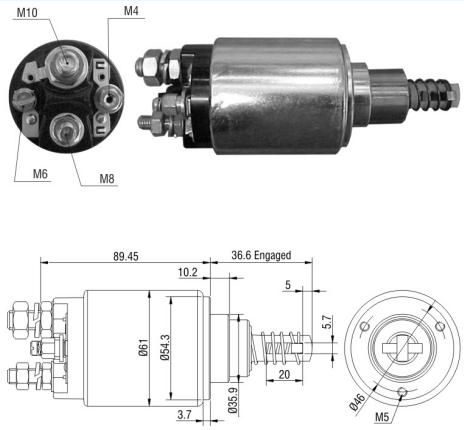
ZM 2-640 12v

CAP ZM 1-640.91

APLICAÇÃO */ USED ON:*
VEÍCULOS: Equipamentos para Máquinas Agricolas.
Heavy Duty Industrial / Farm Equipment.

MOTOR DE PARTIDA */ STARTER:*

SUBSTITUI */ REPLACE:*
BOSCH: 2.339.402.113.



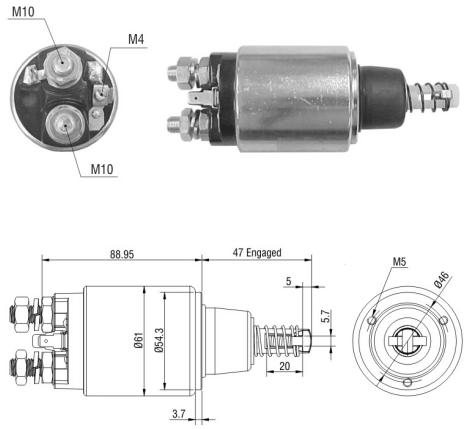
ZM 3-640 12v

CAP ZM 3-640.91

APLICAÇÃO */ USED ON:*
VEÍCULOS: All Ford Trator Equipment.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.369.015, 0.001.369.021, 0.001.369.200. FORD: FONN-11000-CA

SUBSTITUI */ REPLACE:*
BOSCH: 0.331.402.106, 0.331.402.606.

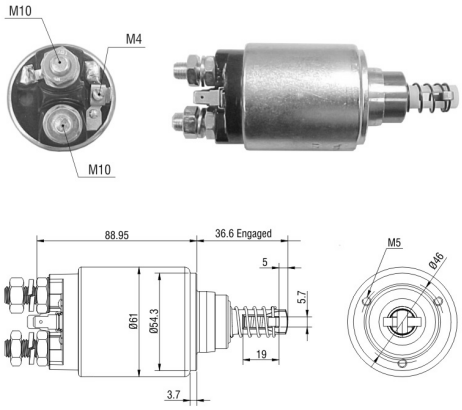


ZM 6-640 12v

APLICAÇÃO */ USED ON:*
FIAT: Tractor. NEW HOLLAND: Tractor.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.223.504, 0.001.230.023, 0.001.230.026, 0.001.362.105. IVECO: 500333269, 500338953, 504059251

SUBSTITUI */ REPLACE:*
BOSCH: 2.339.402.140. IVECO: 9971828.



ZM 8-640 12v

APLICAÇÃO */ USED ON:*

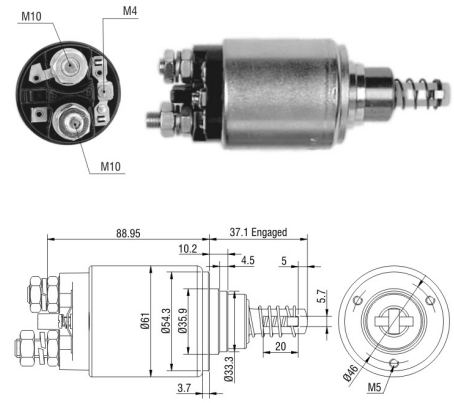
NEW HOLLAND: Backhoes, Crawlers, Escavadeira, Série (Series) TL, Trator.

MOTOR DE PARTIDA */ STARTER:*

BOSCH: 0.001.230.007, 0.001.230.020, 0.001.230.022, 9.007.044.015. IVECO: 323019050, 500338952, 500389864, 504031929

SUBSTITUI */ REPLACE:*

BOSCH: 2.339.402.143, 6.033.AD4.031. IVECO: 9971885.



ZM 641 24v CAP ZM 641.91

APLICAÇÃO */ USED ON:*

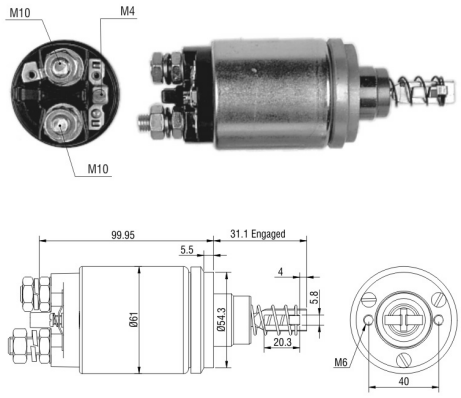
SCANIA: 82 series, B80, BF86, BR85, BR86S, C80, CR85, G82, G92, G93, K82, K92, K93, L50, L94, LB80, LB81, LBS86, LS85, LS86, N94, P82, P92, P93, P94, R94, S82, T92.

MOTOR DE PARTIDA */ STARTER:*

BOSCH: 0.001.360.031, 0.001.360.044, 0.001.360.048, 0.001.360.054, 0.001.360.057, 0.001.368.003, 0.001.368.008, 0.001.368.015, 0.001.368.023, 0.001.368.302

SUBSTITUI */ REPLACE:*

BOSCH: 0.331.402.012, 0.331.402.207.



ZM 642 24v CAP ZM 538.91

APLICAÇÃO */ USED ON:*

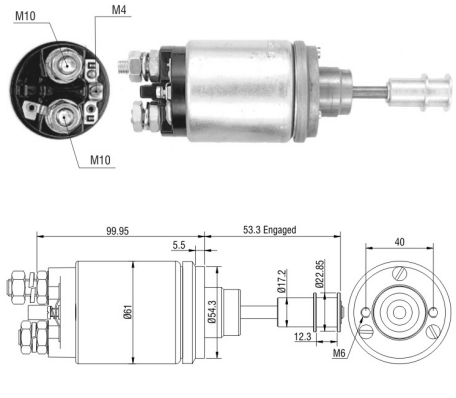
STEYR: 10 S 14, 10 S 18, 11 S 14, 11 S 18, 12 S, 12 S 14, 12 S 18, 13 S, 13 S 14, 13 S 18, 14 S, 14 S 14, 14 S 18, 15 S, 15 S 18, 15 S 21, 16 S 18, 16 S 21, 17 S 18, 17 S 21, 8 S 14, 8 S 18, 9 S 14, 9 S 18.

MOTOR DE PARTIDA */ STARTER:*

BOSCH: 0.001.360.002, 0.001.360.003, 0.001.360.004, 0.001.360.008, 0.001.360.009, 0.001.360.010, 0.001.360.012, 0.001.360.013, 0.001.360.018, 0.001.360.047, 0.001.360.053

SUBSTITUI */ REPLACE:*

BOSCH: 0.331.401.002, 0.331.402.081.



ZM 643 12v CAP ZM 543.91

APLICAÇÃO */ USED ON:*

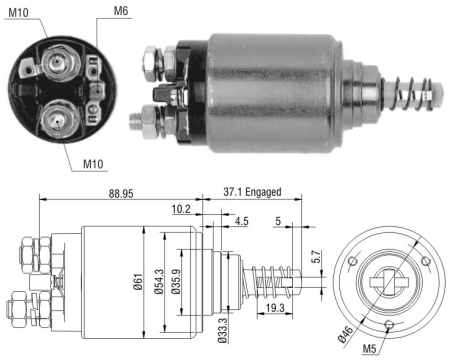
CHRYSLER-DODGE: Caminhão. HUERLIMANN: H 345, H 490, H 5110, H 6130, H 6160. LAMBORGHINI: 115 Formula, 135 Formula, 1356, 165 Racing, 190 Racing, 345 F, 573.60 N, 574.60 N, 654 DT, 674.70, 674.70 N, Bosso, 684 DT, 754 DT, 775, 874.90, 916.3 W, 916.4 W, C 653, C 684, C 754, C 774, C 784 L, R 1056 DT, R 613 DT, R 653 F, R 684 F, R 714 DT, 2 RM, R 724 F, R 754, R1056 DT, R654 DT, R754DT, R854 DT. MUZZI: MD 100, MD 20, MDS 110, MDS 44, MDV 35. STEYR: 650 A, 658 A, 760, 768 A.

MOTOR DE PARTIDA */ STARTER:*

BOSCH: 0.001.358.017, 0.001.358.018, 0.001.358.020, 0.001.358.028, 0.001.358.032, 0.001.358.033, 0.001.358.046

SUBSTITUI */ REPLACE:*

BOSCH: 0.331.400.014, 0.331.400.016, 0.331.400.017, 0.331.400.022, 0.331.401.007, 0.331.401.507, 0.331.402.076.



ZM 644 12v CAP ZM 539.91

APLICAÇÃO */ USED ON:*

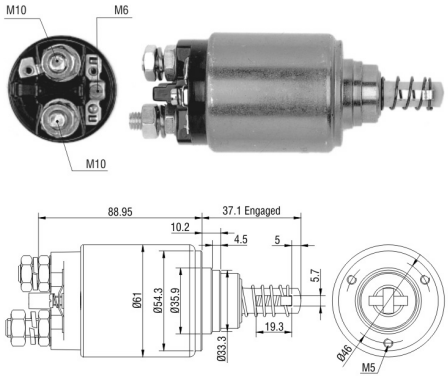
CLAAS: Consul, Dominator 85, Jaguar 60 SF, Mercator 50, Mercator 60, Mercator 75, Mercator 75 R.

MOTOR DE PARTIDA */ STARTER:*

BOSCH: 0.001.359.043, 0.001.359.084, 0.001.359.111, 0.001.367.034, 0.001.367.039, 0.001.367.042, 0.001.367.059

SUBSTITUI */ REPLACE:*

BOSCH: 0.331.402.013, 0.331.402.513.



ZM 645 24v CAP ZM 539.91

APLICAÇÃO */ USED ON:*

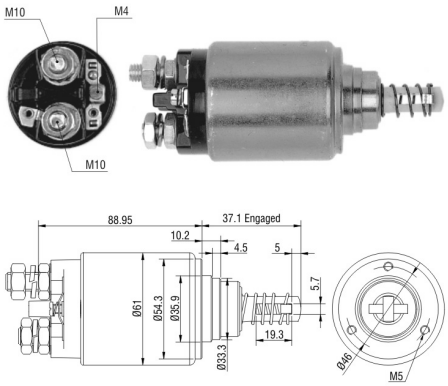
CBT: Trator. MERCEDES-BENZ: 1017, 1114, 1117, 1120, 1314, 1317, 1320, 1414, 1417, 1419, 1420, 1614, 1617, 1619, 1620, 2219, 2220, 609, 709, 711, 809, 811, 814, 817, L 408 DG, L 508 DG, L-608 D, LP -60, LP 808, LP 809, LPKF 808, LPL 808, LPL 809, LPO-808, O 301, O 309 D, O 402, OF 814, OF 817.

MOTOR DE PARTIDA */ STARTER:*

BOSCH: 0.001.360.022, 0.001.360.037, 0.001.360.056, 0.001.368.024, 0.001.368.028, 0.001.368.055

SUBSTITUI */ REPLACE:*

BOSCH: 0.331.402.010.



ZM 647 24v CAP ZM 543.91

APLICAÇÃO */ USED ON:*

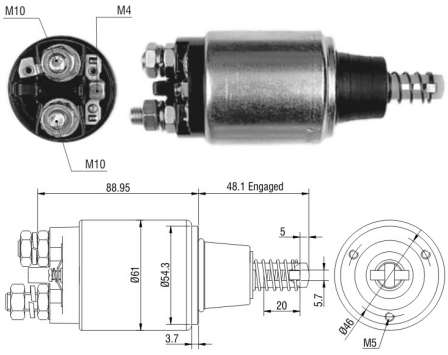
FIAT-IVECO: 110-13, 110-16, 120-13, 130-13, 130-16, 60-9, 75-9, 80-13, 80-16, 90-13.

MOTOR DE PARTIDA */ STARTER:*

BOSCH: 0.001.360.035, 0.001.360.041, 0.001.360.045, 0.001.368.001, 0.001.368.005, 0.001.368.013, 0.001.368.033, 0.001.368.042, 0.001.368.052

SUBSTITUI */ REPLACE:*

BOSCH: 0.331.402.015, 0.331.402.515.



ZM 648 12v CAP ZM 538.91

APLICAÇÃO */ USED ON:*

AGRIFULL: 45 DT, 50, 55, 570, 60, 80.46, 80.56.

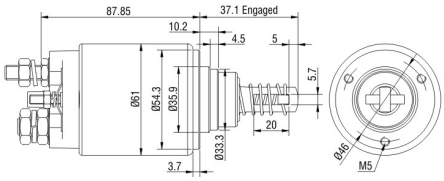
MOTOR DE PARTIDA */ STARTER:*

BOSCH: 0.001.359.089, 0.001.359.097, 0.001.359.098, 0.001.362.039, 0.001.362.322, 0.001.362.601, 0.001.362.605, 0.001.362.700, 0.001.362.701, 0.001.362.702, 0.001.367.003, 0.001.367.027, 0.001.367.035, 0.001.367.046, 0.001.367.051, 0.001.367.054, 0.001.367.063, 0.001.369.002, 0.001.369.003, 0.001.369.006, 0.001.369.007

SUBSTITUI */ REPLACE:*

BOSCH: 0.331.402.006, 0.331.402.042, 0.331.402.068, 0.331.402.070, 0.331.402.209, 0.331.402.568, 0.331.402.570.





ZM 653 12v

CAP ZM 653.91

APLICAÇÃO */ USED ON:*

PEUGEOT: 504, 505, 604. TALBOT: Tagora.

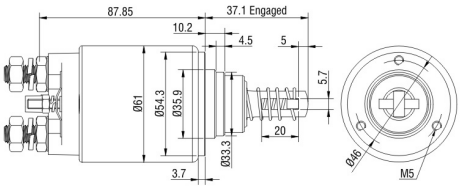
MOTOR DE PARTIDA */ STARTER:*

BOSCH: 0.001.362.045, 0.001.362.061, 0.001.362.079, 0.001.362.081, 0.001.362.602, 0.001.362.603

SUBSTITUI */ REPLACE:*

BOSCH: 0.331.402.027, 0.331.402.028.





ZM 1-653 12v

APLICAÇÃO */ USED ON:*

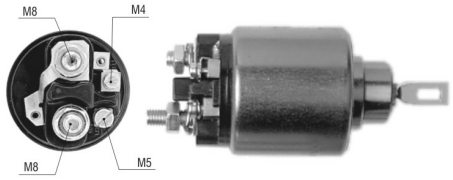
JOHN DEERE: 6205, 6505, 6510, 6515, 6520, 6610, 6615, 6620, 6715, 6810, 6820, 6910, 6910S, 6920, 7320, 7420, 7520, 7820.

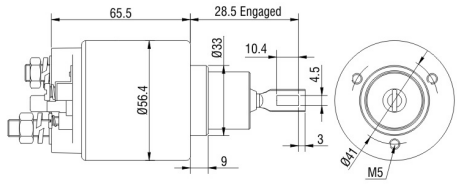
MOTOR DE PARTIDA */ STARTER:*

BOSCH: 0.001.230.002, 0.001.230.018. JOHN DEERE: RE503226, RE504807, RE507943

SUBSTITUI */ REPLACE:*

BOSCH: 2.339.402.149.





ZM 671 12v

CAP ZM 571.91

APLICAÇÃO */ USED ON:*

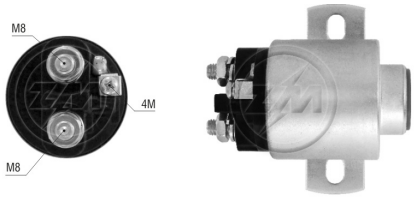
RENAULT: R18, R21, Trafic.

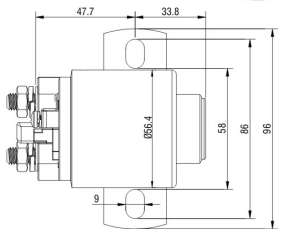
MOTOR DE PARTIDA */ STARTER:*

BOSCH: 9.000.082.055, 9.000.082.071, 9.000.082.075, 9.000.082.084

SUBSTITUI */ REPLACE:*

BOSCH: 9.330.081.047, 9.330.081.055.





ZM 3-671 12v

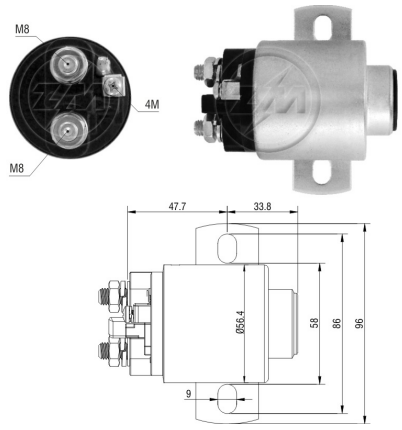
APLICAÇÃO */ USED ON:*

ASHOK LAYLAND: 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, para Grid Heater de caminhões.

MOTOR DE PARTIDA */ STARTER:*

SUBSTITUI */ REPLACE:*

BOSCH: 9.330.080.010, 9.33A.080.010. FORD: XC45-11450-AA. VOLKSWAGEN: 2RK-911-251, 621-741, TJG-911-251-P.

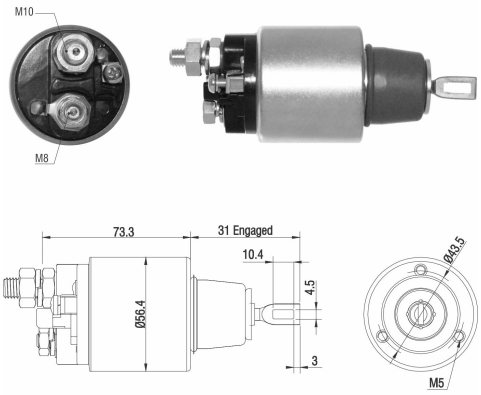


ZM 4-671 24v

APLICAÇÃO / *USED ON:*
ASHOK LAYLAND: 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, para Grid Heater de caminhões.

MOTOR DE PARTIDA / *STARTER:*

SUBSTITUI / *REPLACE:*
BOSCH: 9.330.080.012, 9.33A.080.012. VOLKSWAGEN: TAR-911-251.

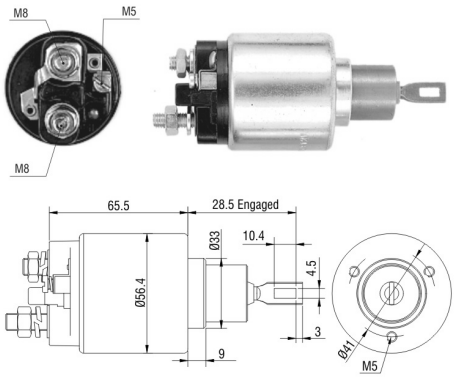


ZM 5-671 24v

APLICAÇÃO / *USED ON:*
MERCEDES-BENZ: L-1317, L-1517, O 371 U, O 371 UL, OF-1115, OF-1315, OF-1721, OH 1315, OH 1621 LG, OH 1623 LG, OH-1318.

MOTOR DE PARTIDA / *STARTER:*
BOSCH: F.000.AL0.157

SUBSTITUI / *REPLACE:*

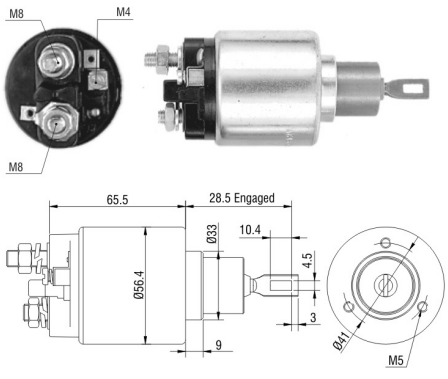


ZM 672 12v CAP ZM 672.91

APLICAÇÃO / *USED ON:*
CITROËN: BX, C15, LNA, Visa. PEUGEOT: 104, 205. RENAULT: Fuego, R14, R18, R20. TALBOT: Samba.

MOTOR DE PARTIDA / *STARTER:*
BOSCH: 0.001.208.209, 9.000.142.001, 9.000.142.002, 9.000.142.014. CITROËN: 580228, 7702105792, 9150880180. PEUGEOT: 580228, 7702105793, 9150880180. RENAULT: 7700669221, 7700709922, 7701024176, 7701348605, 7701348805, 7701349542, 7702104042, 7702105793. TALBOT: 9150880180

SUBSTITUI / *REPLACE:*
BOSCH: 0.331.303.022, 0.331.303.522.

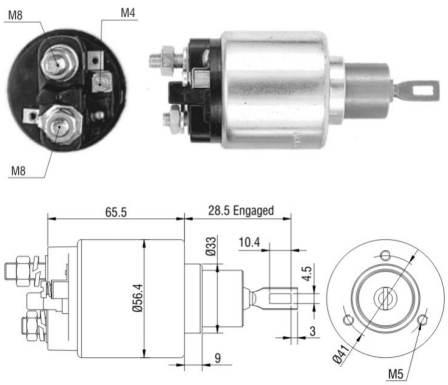


ZM 674 12v CAP ZM 674.91

APLICAÇÃO / *USED ON:*
ALFA ROMEO: Alfa 155, Alfa 164, Alfa 33. CHRYSLER: Voyager. CHRYSLER-DODGE: Dodge Dakota. GM-OPEL: Frontera, Omega. MERCEDES-BENZ: MB 100 D, MB 180 D. SSANGYONG: Musso.

MOTOR DE PARTIDA / *STARTER:*
BOSCH: 0.001.218.001, 0.001.218.006, 0.001.218.007, 0.001.218.009, 0.001.218.011, 0.001.218.016, 0.001.218.021, 0.001.218.023, 0.001.218.108, 0.001.218.122, 0.001.218.125, 0.001.218.165, 0.001.218.177, 9.000.331.419

SUBSTITUI / *REPLACE:*
BOSCH: 0.331.303.048, 0.331.303.061.

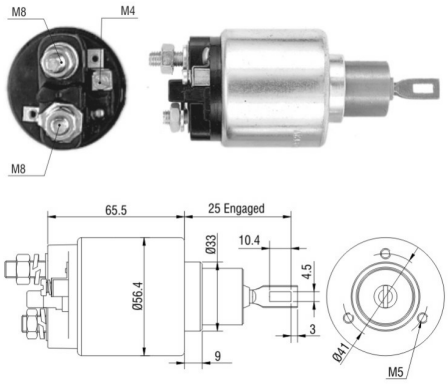


ZM 1-674 12v CAP ZM 674.91

APLICAÇÃO / *USED ON:*
MERCEDES-BENZ: G-Class, Unimog U.

MOTOR DE PARTIDA / *STARTER:*

SUBSTITUI / *REPLACE:*
BOSCH: 0.331.303.103.

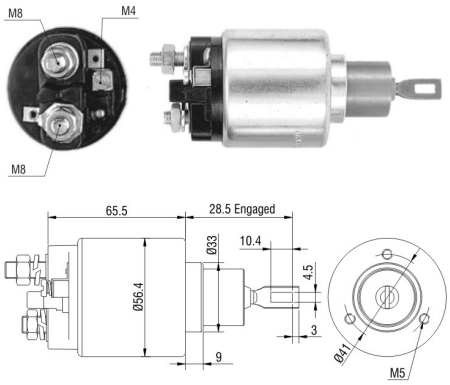


ZM 2-674 12v CAP ZM 2-674.91

APLICAÇÃO / *USED ON:*
MERCEDES-BENZ: S-Class, SL-Class.

MOTOR DE PARTIDA / *STARTER:*
BOSCH: 0.001.110.054

SUBSTITUI / *REPLACE:*
BOSCH: 2.339.303.262.

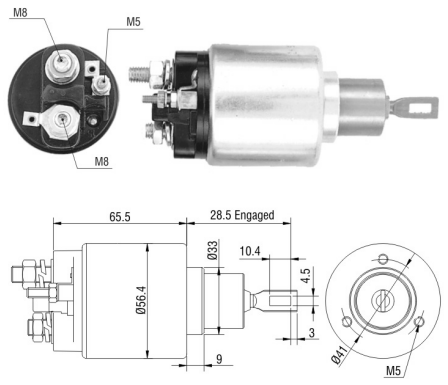


ZM 3-674 24v CAP ZM 674.91

APLICAÇÃO / *USED ON:*
NISSAN: Patrol.

MOTOR DE PARTIDA / *STARTER:*
BOSCH: 0.001.111.001, 0.001.111.005, 0.001.219.001, 0.001.219.010, 0.001.219.014, 9.000.332.401, 9.000.332.402. HATZ: 50389700, 50471400. MERCEDES-BENZ: 0 031 519 401. PORSCHE: 933 604 001 00

SUBSTITUI / *REPLACE:*
BOSCH: 0.331.303.096, 2.339.303.276. HATZ: 49071400. MERCEDES-BENZ: 0 001 529 110.

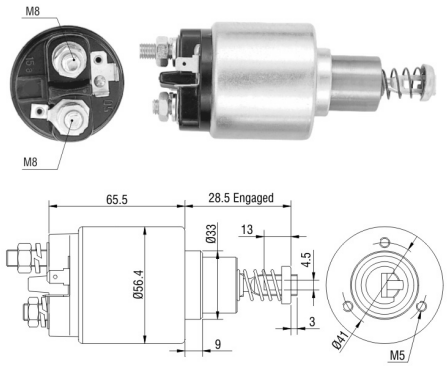


ZM 675 12v CAP ZM 675.91

APLICAÇÃO / *USED ON:*
CHRYSLER: Acclaim, Grand Caravan, Le Baron, New Yorker, Sandance, Voyager. CHRYSLER-DODGE: Daytona, Dynasty, Plymouth, Shadow, Spirit. CITROËN: LNA. FORD: Capri, Granada, Scorpio, Sierra. MAZDA: 121.

MOTOR DE PARTIDA / *STARTER:*
BOSCH: 0.001.108.084, 0.001.108.103, 0.001.108.104, 0.001.108.105, 0.001.108.134, 0.001.108.135, 0.001.108.995, 0.001.108.996, 0.001.108.997, 0.001.112.009, 0.001.112.012, 0.001.208.232

SUBSTITUI / *REPLACE:*
BOSCH: 0.331.303.086, 0.331.303.137, 0.331.303.208, 2.339.303.208, 2.339.303.364.

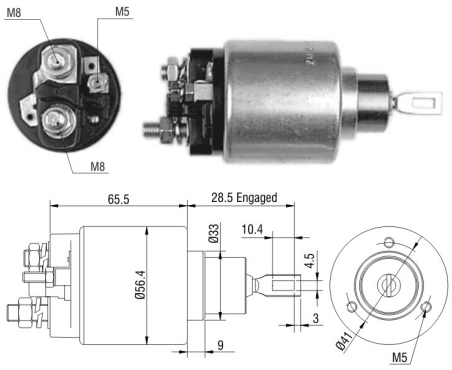


ZM 676 12v CAP ZM 676.91

APLICAÇÃO / *USED ON:*
VOLKSWAGEN: Transporter.

MOTOR DE PARTIDA / *STARTER:*
BOSCH: 0.001.211.251, 0.001.211.506

SUBSTITUI / *REPLACE:*
BOSCH: 0.331.303.045.

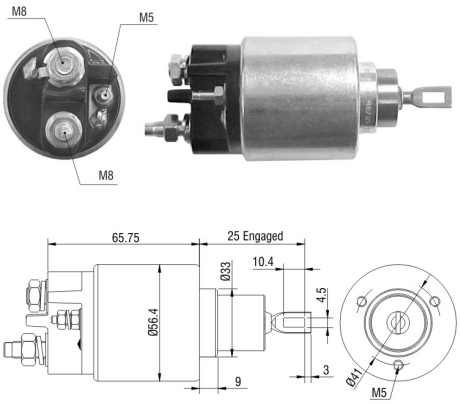


ZM 677 12v CAP ZM 677.91

APLICAÇÃO / *USED ON:*
JEEP: Cherokee.

MOTOR DE PARTIDA / *STARTER:*
BOSCH: 0.001.108.052, 0.001.108.154

SUBSTITUI / *REPLACE:*
BOSCH: 0.331.303.107, 0.331.303.607.

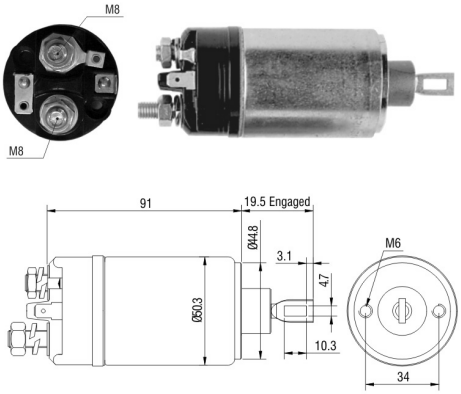


ZM 679 12v CAP ZM 679.91

APLICAÇÃO / *USED ON:*
CITROËN: Berlingo, C3, Saxo, Xsara. PEUGEOT: 106, 205, 206, 306, Partner.

MOTOR DE PARTIDA / *STARTER:*
BOSCH: 0.001.112.041, F.000.AL0.315

SUBSTITUI / *REPLACE:*
BOSCH: F.000.SH0.125, F.000.SH0.131, F.00A.SH0.131.

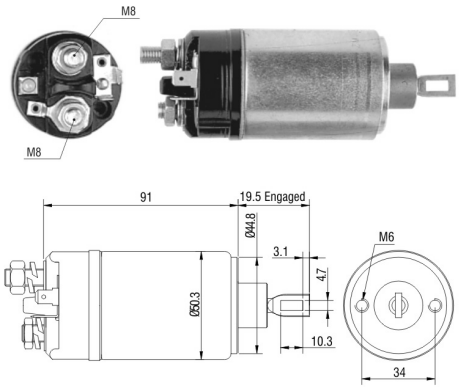


ZM 722 12v CAP ZM 724.96

APLICAÇÃO / *USED ON:*
VOLVO: 0, 240, 340, 360, 740, 760, 940, 960.

MOTOR DE PARTIDA / *STARTER:*
BOSCH: 0.001.311.103, 0.001.311.105, 0.001.311.108, 0.001.311.115

SUBSTITUI / *REPLACE:*
BOSCH: 0.331.302.081.

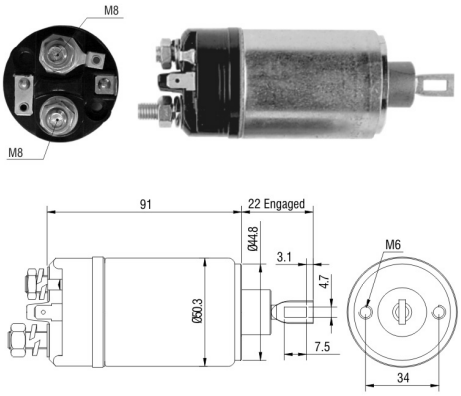


ZM 3-722 12v CAP ZM 3-722.96

APLICAÇÃO */ USED ON:*
VEÍCULOS: Saab, Volvo, Audi, Opel, Porsche.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.311.112

SUBSTITUI */ REPLACE:*
BOSCH: 0.331.302.084.

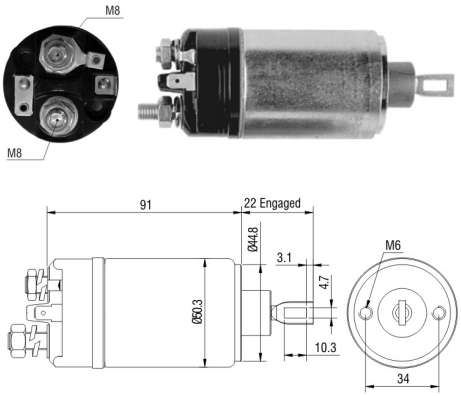


ZM 724 12v CAP ZM 724.96

APLICAÇÃO */ USED ON:*
SKODA: 100, 110.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.208.006, 0.001.208.014, 0.001.211.002, 0.001.211.004, 0.001.211.005, 0.001.211.014, 0.001.211.016, 0.001.214.002, 0.001.311.045

SUBSTITUI */ REPLACE:*
BOSCH: 0.331.302.011, 0.331.302.047, 0.331.302.052, 0.331.302.075.

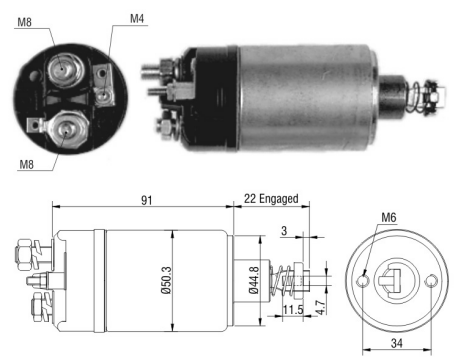


ZM 726 12v CAP ZM 726.96

APLICAÇÃO */ USED ON:*
BMW: 5 Series, 6 Series, 7 Series.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.311.042, 0.001.314.004

SUBSTITUI */ REPLACE:*
BOSCH: 0.331.302.056.

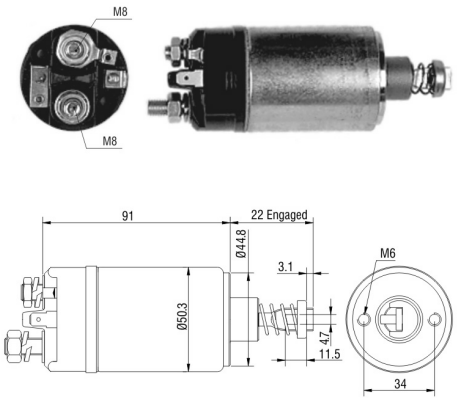


ZM 727 12v CAP ZM 627.96

APLICAÇÃO */ USED ON:*
CHRYSLER-DODGE: Charger, Omni. CHRYSLER-PLYMOUTH: Horizon, Turismo.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.208.403

SUBSTITUI */ REPLACE:*
BOSCH: 0.331.302.096, 0.331.302.596. CHRYSLER: 5006626.

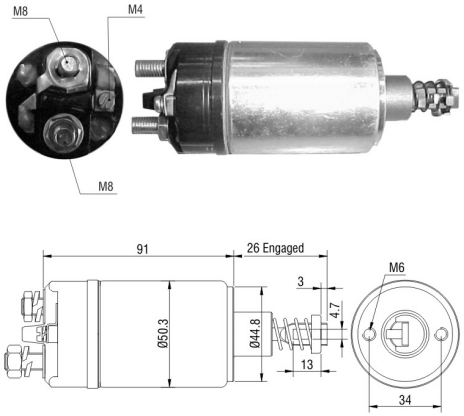


ZM 728 12v CAP ZM 724.96

APLICAÇÃO */ USED ON:*
VOLVO: 0, 240, 340, 360, 740, 760, 940, 960.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.311.146

SUBSTITUI */ REPLACE:*
BOSCH: 0.331.302.106.

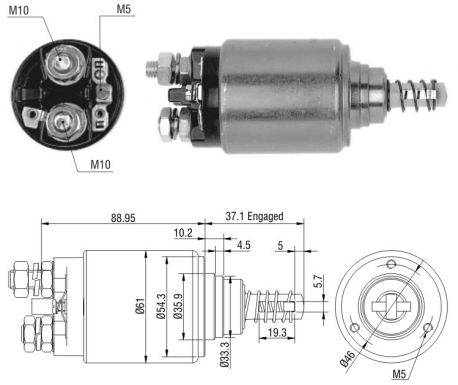


ZM 729 12v CAP ZM 729.96

APLICAÇÃO */ USED ON:*
PORSCHE: 911, 928, 959.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.215.001, 0.001.312.110, 0.001.312.111. PORSCHE: 911 604 101 01, 928 604 103 04

SUBSTITUI */ REPLACE:*
BOSCH: 0.331.302.061, 0.331.302.107.

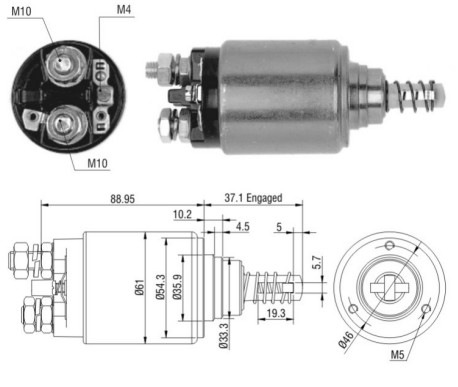


ZM 731 12v CAP ZM 731.91

APLICAÇÃO */ USED ON:*
FIAT-IVECO: 110-13, 130-13, 75-9, 80-13, 80-9, 90-13.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.358.049, 0.001.358.201, 0.001.359.072, 0.001.359.073, 0.001.359.081, 0.001.359.082, 0.001.359.099, 0.001.359.100, 0.001.359.106, 0.001.359.108, 0.001.359.119, 0.001.362.015, 0.001.362.025, 0.001.362.036, 0.001.362.058, 0.001.362.063, 0.001.362.074, 0.001.362.300, 0.001.362.306, 0.001.362.310, 0.001.366.001, 0.001.366.002, 0.001.366.003, 0.001.366.009, 0.001.366.012, 0.001.366.013, 0.001.366.014, 0.001.366.016, 0.001.366.017, 0.001.366.018, 0.001.366.020, 0.001.366.024, 0.001.366.027, 0.001.366.028, 0.001.366.029, 0.001.367.001, 0.001.367.004, 0.001.367.005, 0.001.367.007, 0.001.367.009, 0.001.367.010, 0.001.367.013, 0.001.367.023

SUBSTITUI */ REPLACE:*
BOSCH: 0.331.401.038, 0.331.401.045.



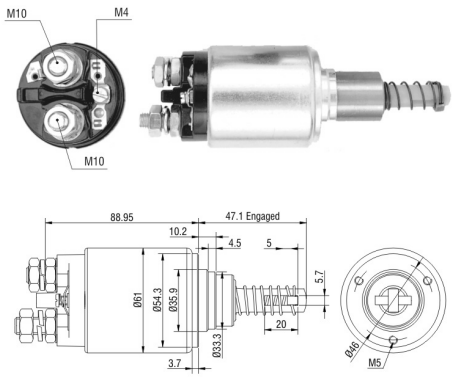
ZM 1-731 12v CAP ZM 543.91

APLICAÇÃO */ USED ON:*
VEÍCULOS: Iveco, Kaelble, Massey Ferguson, Mercedes, Palmieri, Poclain, Steyer, Vaxhall, Ford, Bertolini, Atlas Copco, Man,
Volkswagen, Calyson, Case, Deutz, IHC, Fahr, Farymann, Ruggerini, Ferrari, Hamm, Hatz, Holder, Renault, Huerlimann, Slanzi, Scania, Magirus, Volvo, Atlas.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.362.013, 0.001.362.014, 0.001.362.016, 0.001.362.022, 0.001.362.023, 0.001.362.024, 0.001.362.034, 0.001.362.035, 0.001.362.037, 0.001.362.041, 0.001.362.046, 0.001.362.071, 0.001.362.305, 0.001.362.312, 0.001.366.008, 0.001.366.010, 0.001.366.025

SUBSTITUI */ REPLACE:*
BOSCH: 0.331.402.002, 0.331.402.003, 0.331.402.502, 0.331.402.503.

Note: Similar to ZM 543 with long moveable contact rod.
Nota: Similar ao ZM 543 com pino de contato longo.

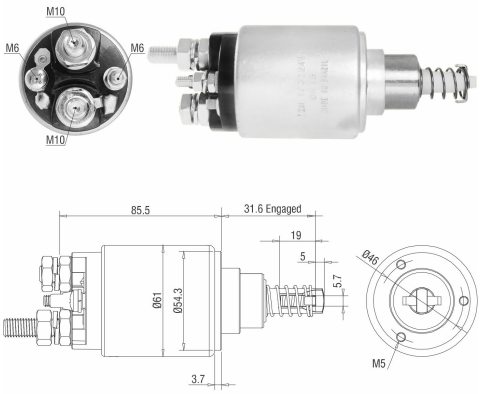


ZM 732 24v CAP ZM 538.91

APLICAÇÃO */ USED ON:*
FIAT-IVECO: 110-17, 120-16, 120-17, 150-16, 160, 160-17, M130, M160.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.364.100, 0.001.364.101, 0.001.364.104, 0.001.364.105, 0.001.368.057

SUBSTITUI */ REPLACE:*
BOSCH: 0.331.402.008, 0.331.402.508.

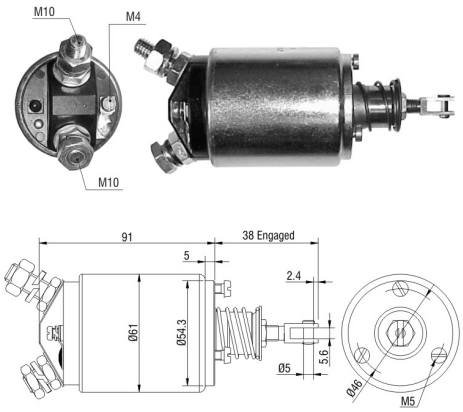


ZM 1-732 24v CAP ZM 1-732.91

APLICAÇÃO */ USED ON:*
FIAT-IVECO: 230E24, Caminhão, EuroCargo, Truck.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.231.016, 0.001.263.021. CASE: 4892338. CUMMINS: 4892338. IVECO: 04892338, 2995986, 489 2338, 4892338, 489233800, 580 138 1129

SUBSTITUI */ REPLACE:*
BOSCH: 2.339.402.155, 2.339.402.173, 2.339.402.185. IVECO: 42550489.

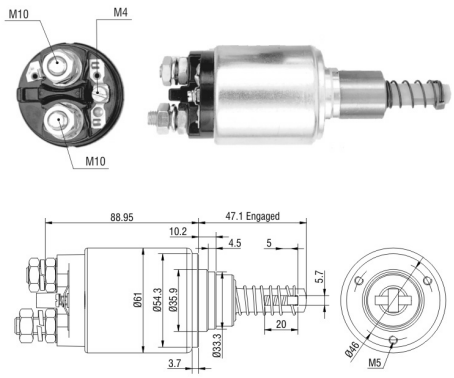


ZM 733 12v

APLICAÇÃO */ USED ON:*
CARRARO: Tractor. LAMBORDINI: Tractor. SAME: Tractor.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.354.006, 0.001.354.025, 0.001.354.032, 0.001.354.033, 0.001.354.034, 0.001.354.062. MARELLI: 632 121 18

SUBSTITUI */ REPLACE:*
BOSCH: 0.331.400.001. DAF: 316490. FIAT: 9907553. IVECO: 1310012.

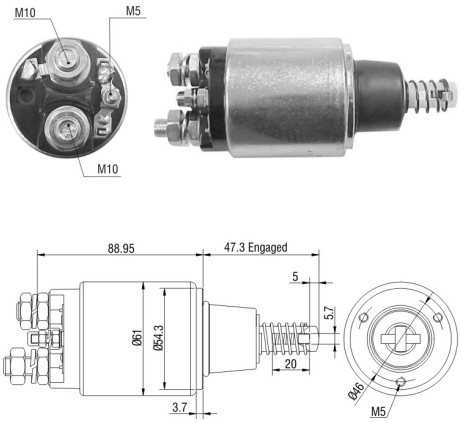


ZM 734 12v CAP ZM 538.91

APLICAÇÃO */ USED ON:*
FIAT-IVECO: 110-13, 130-13, 75-9, 80-13, 80-9, 90-13.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.365.004, 0.001.365.005, 0.001.365.006, 0.001.365.007, 0.001.365.008

SUBSTITUI */ REPLACE:*
BOSCH: 0.331.402.011.



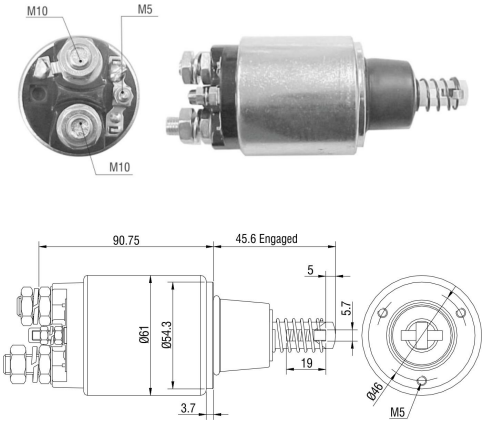
ZM 735 12v

CAP ZM 735.91

APLICAÇÃO */ USED ON:*
FORD: F-250, F-350, F-4000.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.223.505. FORD: XC3U-11000-CA

SUBSTITUI */ REPLACE:*
BOSCH: 2.339.402.147. FORD: BF0T-11K390-AB.

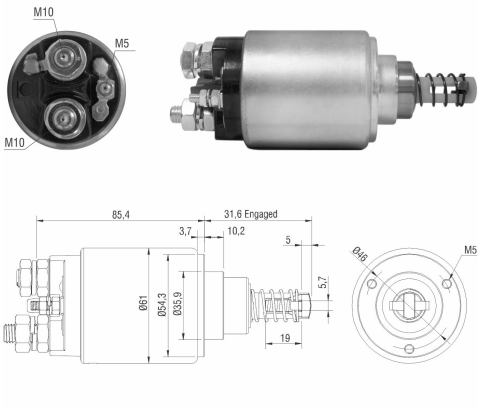


ZM 1-735 12v

APLICAÇÃO */ USED ON:*
TRAMONTINI: Tratores série Brasil.

MOTOR DE PARTIDA */ STARTER:*
TRAMONTINI: 31.0450.13.002-7. ZM: 80.130.07, 81.130.02

SUBSTITUI */ REPLACE:*
TRAMONTINI: 31.0450.13.002-7.

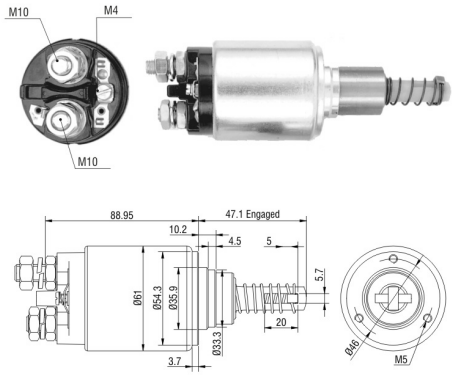


ZM 2-735 24v

APLICAÇÃO */ USED ON:*
VOLVO: FM, FM 7.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.231.004, 0.001.231.007. DAF: 1609467. MAN: 51 26212 0007. VOLVO: 3099585, 3978710, 8192965, 85000447, 85003304

SUBSTITUI */ REPLACE:*
BOSCH: 2.339.402.136, 2.339.402.157.



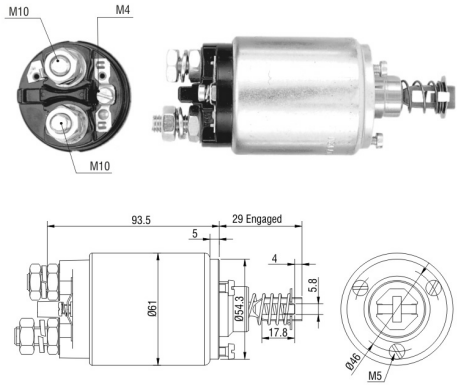
ZM 736 24v

CAP ZM 543.91

APLICAÇÃO */ USED ON:*
DAF: AZ 1900 DH, F 2000 DH, F 2005 DH, F 2100 DH, F 2100 DHR, F 2100 DHT, F 2100 DHTD, F 2103 DH, F 2103 DHR, F 2105 DH, F 2105 DHR, F 2105 DHT, F 2105 DHTD, F 2200 DU, F 2205 DH, F 2205 DU, F 2300 DH, F 2300 DHR, F 2300 DHT, F 2300 DHU, F 2303 DHU, F 2305 DH, F 2305 DHR, F 2305 DHU, F 2500 DHS, F 2505 DHS, F 2525 DHS, F 2535 DHS, SB 2005 DH.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.364.102, 0.001.364.200, 0.001.364.203

SUBSTITUI */ REPLACE:*
BOSCH: 0.331.402.021, 0.331.402.055.

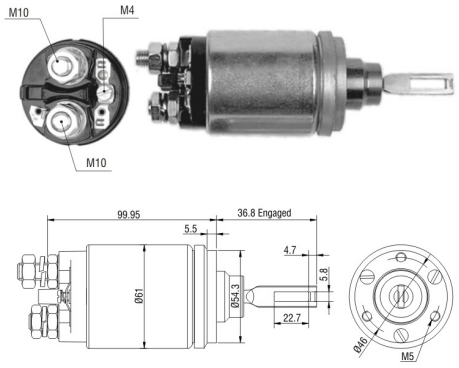


ZM 740 12v CAP ZM 538.91

APLICAÇÃO / *USED ON:*
LAMBORGHINI: Miura P400 S.

MOTOR DE PARTIDA / *STARTER:*
BOSCH: 0.001.354.086, 0.001.354.092, 0.001.354.093, 0.001.354.099, 0.001.354.101

SUBSTITUI / *REPLACE:*
BOSCH: 0.331.401.016.

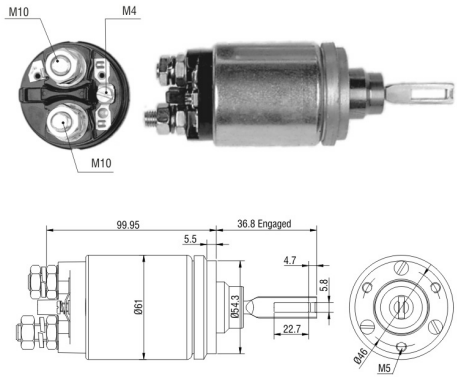


ZM 741 12v CAP ZM 543.91

APLICAÇÃO / *USED ON:*
MASERATI: Ghibli, Indy, Mexico.

MOTOR DE PARTIDA / *STARTER:*
BOSCH: 0.001.354.007, 0.001.354.010, 0.001.354.021, 0.001.354.041, 0.001.354.081, 0.001.354.087, 0.001.354.088, 0.001.354.089, 0.001.354.090

SUBSTITUI / *REPLACE:*
BOSCH: 0.331.401.008, 0.331.401.508.

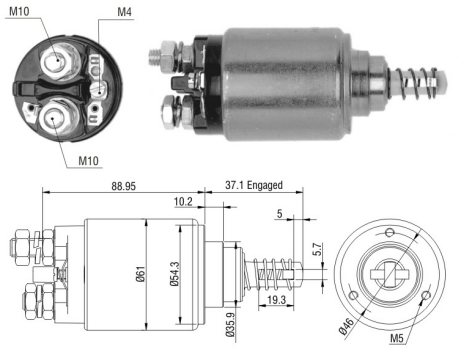


ZM 742 12v CAP ZM 538.91

APLICAÇÃO / *USED ON:*
DEUTZ: KHD 117, KHD 119, KHD 121, KHD 124.

MOTOR DE PARTIDA / *STARTER:*
BOMAG: 05710924, 05710928. BOSCH: 0.001.354.012, 0.001.354.082, 0.001.354.083, 0.001.354.084, 0.001.354.091, 0.001.354.094, 0.001.354.096, 0.001.354.108, 0.001.354.113. KHD: 117 0048, 130 3920, B1R12X1 8H7622. MWM: 6 0572 01 0 0047, 6 0572 01 0 0049, 6 0572 01 0 0050

SUBSTITUI / *REPLACE:*
BOSCH: 0.331.401.009, 0.331.401.509.

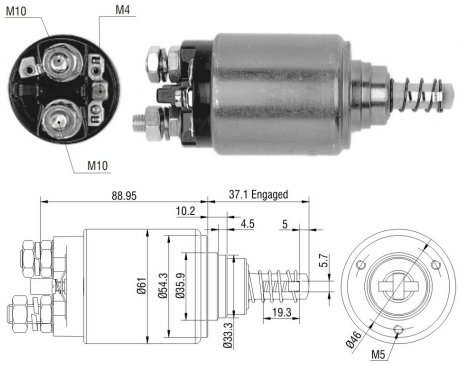


ZM 743 12v CAP ZM 543.91

APLICAÇÃO / *USED ON:*
DEUTZ: M 3330, M 980. LAMBORGHINI: 100, 600. STEYR: 8000.

MOTOR DE PARTIDA / *STARTER:*
BOSCH: 0.001.230.006, 0.001.230.012, 0.001.369.014

SUBSTITUI / *REPLACE:*
BOSCH: 0.331.402.107, 0.331.402.607, 2.339.402.132.



ZM 744 12v CAP ZM 538.91

APLICAÇÃO */ USED ON:*

ALFA ROMEO: Alfetta. GM-OPEL: Senator. MERCEDES-BENZ: 8 (W115), G-Class, Henshel, Kombi, S-Class, T1 (601), T1 (602), T1/TN, T2/L, T2/LN1, Unimog U, W123.

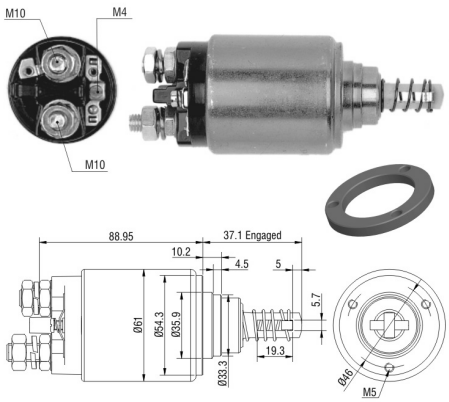
MOTOR DE PARTIDA */ STARTER:*

BOSCH: 0.001.359.090, 0.001.362.027, 0.001.362.029, 0.001.362.062, 0.001.362.073, 0.001.362.092, 0.001.367.028, 0.001.367.029, 0.001.367.030, 0.001.367.037, 0.001.367.045, 0.001.367.082. IVECO: 500333271

SUBSTITUI */ REPLACE:*

BOSCH: 0.331.401.040, 0.331.402.001, 0.331.402.019, 0.331.402.030, 0.331.402.035, 0.331.402.039, 0.331.402.087, 0.331.402.205, 0.331.402.501, 0.331.402.504, 0.331.402.519, 0.331.402.530, 0.331.402.539, 2.339.402.128.

Note: Similar to ZM 544 with long moveable contact rod.
Nota: Similar ao ZM 544 com pino de contato longo.



ZM 4-744 12v CAP ZM 538.91

APLICAÇÃO */ USED ON:*

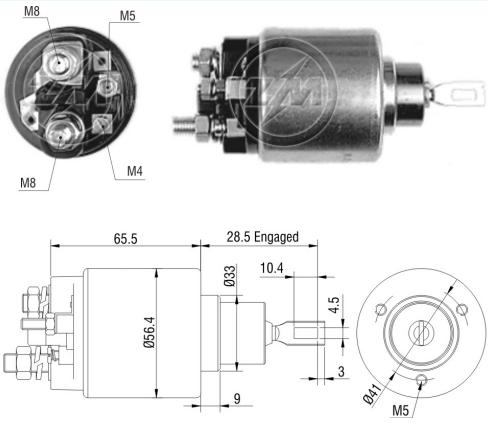
GM-OPEL: Blitz. MERCEDES-BENZ: T1 (601), T1 (602).

MOTOR DE PARTIDA */ STARTER:*

BOSCH: 0.001.362.003, 0.001.362.019, 0.001.362.027, 0.001.367.029, 0.001.367.030

SUBSTITUI */ REPLACE:*

BOSCH: 0.331.401.011, 0.331.401.026, 0.331.401.035, 0.331.402.016.



ZM 771 12v CAP ZM 771.91

APLICAÇÃO */ USED ON:*

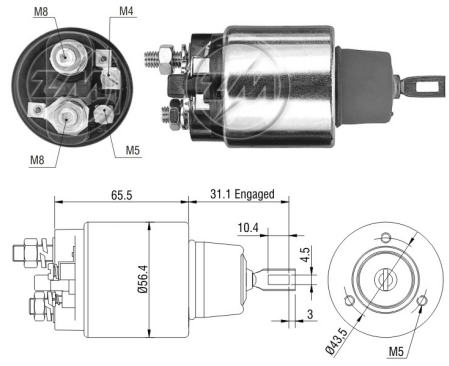
PORSCHE: 924, 944.

MOTOR DE PARTIDA */ STARTER:*

BOSCH: 0.001.108.021, 0.001.208.211, 0.001.208.221, 0.001.311.134, 0.001.311.135

SUBSTITUI */ REPLACE:*

BOSCH: 0.331.303.030, 0.331.303.530.



ZM 772 12v CAP ZM 874.91

APLICAÇÃO */ USED ON:*

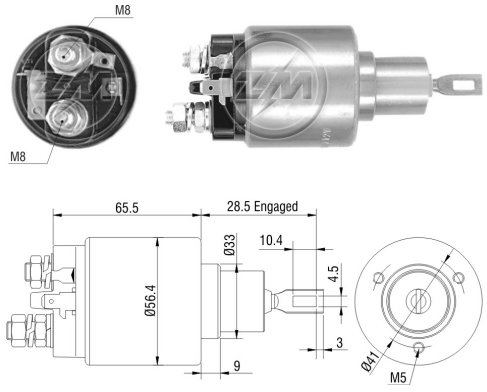
MERCEDES-BENZ: 123 Series, G-Class, S-Class, SL-Class.

MOTOR DE PARTIDA */ STARTER:*

BOSCH: 0.001.314.005, 0.001.314.028, 0.001.314.029, 0.001.314.030, 0.001.314.041. MERCEDES-BENZ: 0 031 514 301, 0 031 519 601, 0 031 519 701, 0 031 519 801, 0 031 519 901

SUBSTITUI */ REPLACE:*

BOSCH: 0.331.303.012. MERCEDES-BENZ: 0 001 523 610.

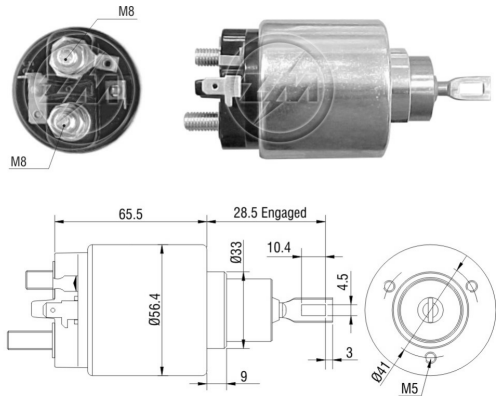


ZM 773 12v CAP ZM 773.91

APLICAÇÃO */ USED ON:*
AUDI: A6, A8.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.108.072, 0.001.112.005, 0.001.114.003, 0.001.114.005, 0.001.114.015, 9.000.081.001, 9.000.081.002

SUBSTITUI */ REPLACE:*
BOSCH: 0.331.303.094, 9.330.081.050, 9.33A.081.050.

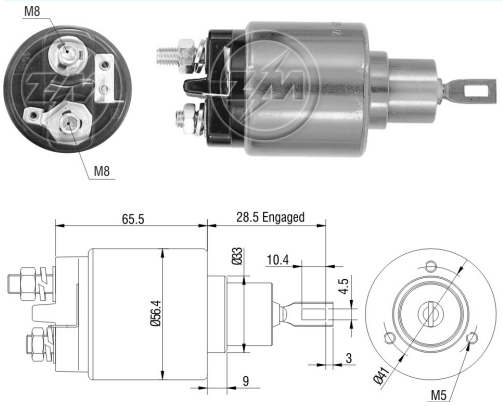


ZM 1-773 12v CAP ZM 1-773.91

APLICAÇÃO */ USED ON:*
VOLKSWAGEN: Fox, Gol.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 9.000.082.059

SUBSTITUI */ REPLACE:*
BOSCH: 9.330.081.049, 9.33A.081.049.

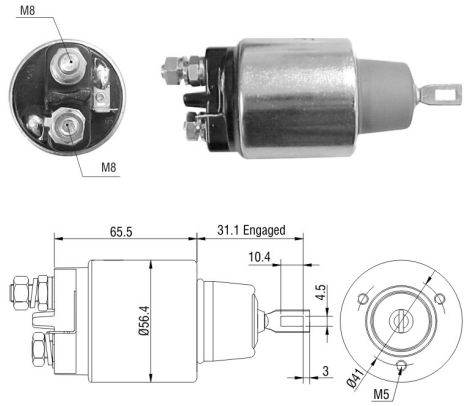


ZM 2-773 12v CAP ZM 2-773.91

APLICAÇÃO */ USED ON:*
LADA: Laika, Niva.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 9.000.082.068, 9.000.082.070

SUBSTITUI */ REPLACE:*
BOSCH: 9.330.081.056.

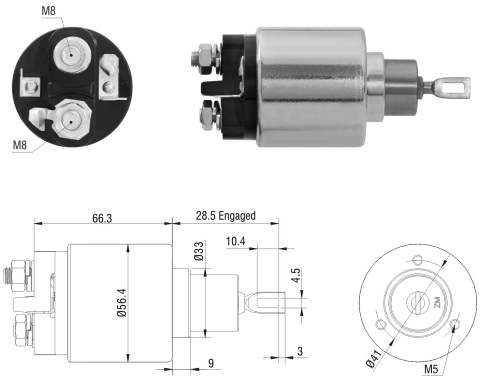


ZM 3-773 12v CAP ZM 3-773.91

APLICAÇÃO */ USED ON:*
VOLVO: 850, V70.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.218.173

SUBSTITUI */ REPLACE:*
BOSCH: 9.330.331.012.

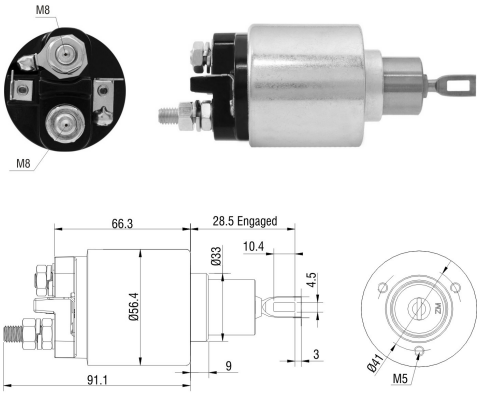


ZM 4-773 12v CAP ZM 4-773.91

APLICAÇÃO */ USED ON:*
AUSTIN ROVER: Austin Maestro. SEAT: Cordoba, Toledo. VOLKSWAGEN: Caddy, Corrado, Golf, Jetta, Passat, Scirocco, Transporter.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 6.004.AA0.019, 9.000.042.057. VOLKSWAGEN: 037911023

SUBSTITUI */ REPLACE:*
BOSCH: 9.330.043.002, 9.330.043.502, F.000.SH0.180.

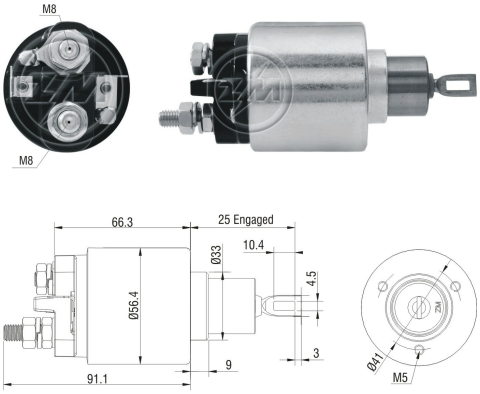


ZM 5-773 12v CAP ZM 5-773.91

APLICAÇÃO */ USED ON:*
AUDI: 100, 80, A4, A6, Cabriolet, Coupe. VOLKSWAGEN: Passat.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.107.017, 0.001.107.018

SUBSTITUI */ REPLACE:*
BOSCH: 0.331.303.162, 0.331.303.662, 2.339.303.230. VOLKSWAGEN: 053911287A.

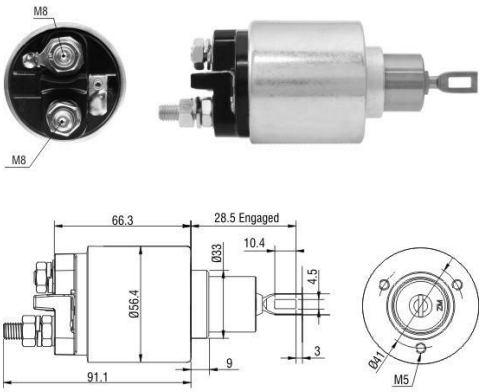


ZM 6-773 12v CAP ZM 5-773.91

APLICAÇÃO */ USED ON:*
AUDI: 100, 80, A4, A6, Cabriolet, Coupe. VOLKSWAGEN: Passat.

MOTOR DE PARTIDA */ STARTER:*
AUDI: 026911023F. BOSCH: 0.001.107.054, 0.001.107.055, 0.001.107.068, 0.001.107.069, BX107068. VOLKSWAGEN: 053911023A, 058911023B

SUBSTITUI */ REPLACE:*
BOSCH: 2.339.303.254, 2.339.303.411, 2.339.303.438. VOLKSWAGEN: 058811287, 058911287.

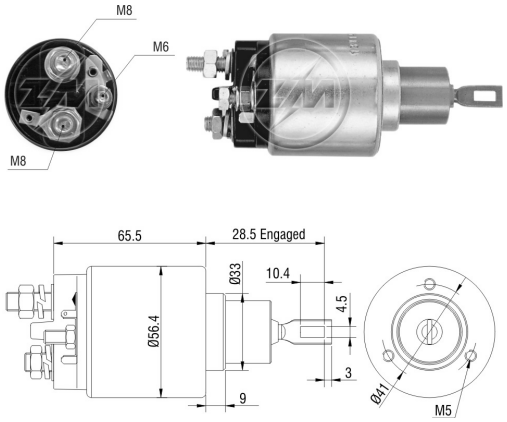


ZM 7-773 12v CAP ZM 7-773.91

APLICAÇÃO */ USED ON:*
AUDI: A4, A6. VOLKSWAGEN: Passat.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.108.113, 0.001.108.114, 0.001.108.174, 0.001.108.175, 0.001.108.220, 0.001.108.221, 0.001.110.122, 0.001.110.123, 0.001.110.128

SUBSTITUI */ REPLACE:*
BOSCH: 0.331.303.145, 0.331.303.229, 2.339.303.229, 2.339.303.248, 2.339.303.291, 2.339.303.324, 2.339.303.407.

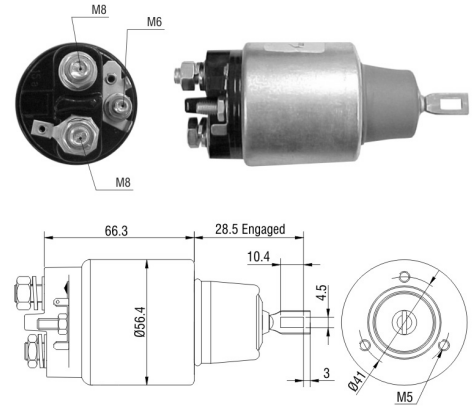


ZM 775 12v CAP ZM 775.91

APLICAÇÃO / *USED ON:*
GM-CHEVROLET: Corsa. GM-OPEL: Ascona, Astra, Calibra, Frontera, Kadett, Omega, Rekord, Vectra. GM-VAUXHALL: Astra, Calibra, Carlton, Cavalier, Frontera, Omega, Vectra.

MOTOR DE PARTIDA / *STARTER:*
BOSCH: 0.001.107.015, 0.001.107.044, 0.001.108.053, 0.001.108.079, 0.001.108.093, 0.001.108.150, 0.001.108.177, 0.001.110.124, 0.001.110.125, 9.000.081.003, 9.000.081.004, 9.001.081.033. GM: 90341777, 90444193, 90458462, 93237478

SUBSTITUI / *REPLACE:*
BOSCH: 0.331.303.100, 0.331.303.124, 0.331.303.125, 0.331.303.624, 9.330.081.066, 9.33A.081.066. GM: 90349451, 93240222.

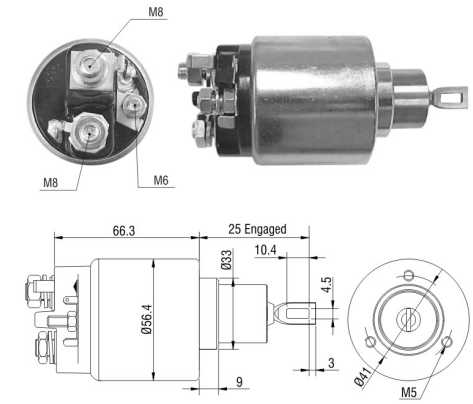


ZM 2-775 12v CAP ZM 2-775.91

APLICAÇÃO / *USED ON:*
GM-CHEVROLET: Celta, Corsa.

MOTOR DE PARTIDA / *STARTER:*
BOSCH: F.000.AL0.304, F.000.AL0.314, F.000.AL0.330. GM: 93260358, 93288991, 93390410

SUBSTITUI / *REPLACE:*
BOSCH: F.000.SH0.103, F.000.SH0.128, F.00A.SH0.128.

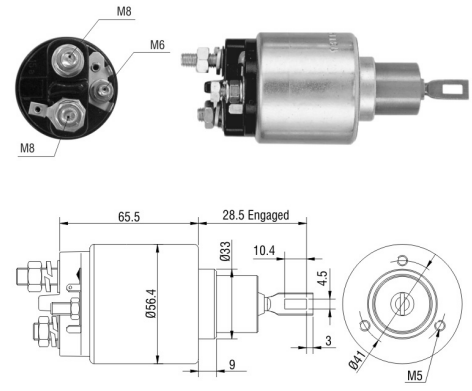


ZM 3-775 12v CAP ZM 3-775.91

APLICAÇÃO / *USED ON:*
NISSAN: Sentra.

MOTOR DE PARTIDA / *STARTER:*
BOSCH: 0.001.107.011, 0.001.107.039, 0.001.112.018

SUBSTITUI / *REPLACE:*
BOSCH: 0.331.303.164, 2.339.303.317.

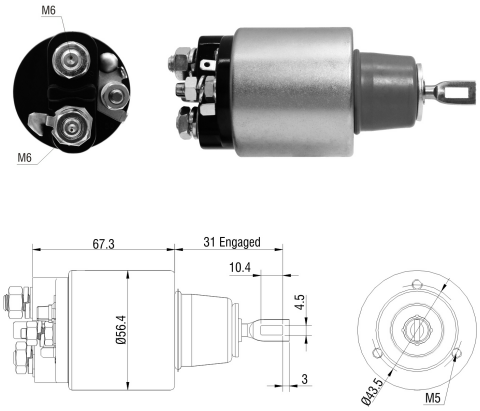


ZM 4-775 12v CAP ZM 775.91

APLICAÇÃO / *USED ON:*
BEDFORD: Astra. GM-OPEL: Astra, Corsa, Vectra. GM-VAUXHALL: Astra, Cavalier.

MOTOR DE PARTIDA / *STARTER:*
BOSCH: 0.001.112.015, 0.001.112.035. OPEL: 1202127, 1202959, 90348292, 90508036

SUBSTITUI / *REPLACE:*
BOSCH: F.000.SH0.124, F.000.SH0.145. OPEL: 1201807.

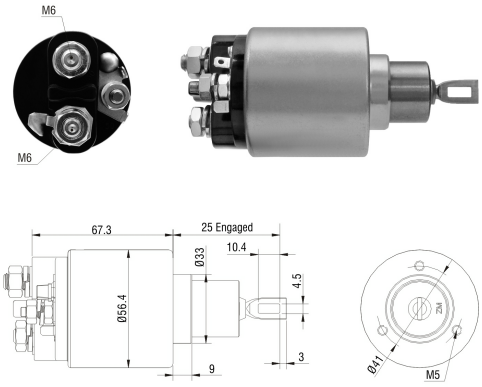


ZM 5-775 12v CAP ZM 2-775.91

APLICAÇÃO */ USED ON:*
GM-CHEVROLET: Chevy. NISSAN: 0, Hikari, Sentra, Tsuru.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 6.004.AA0.013, 6.004.AA0.016, 6.004.AA0.020. GM: 93427646

SUBSTITUI */ REPLACE:*
BOSCH: 6.004.AS1.001, F.000.SH0.177.

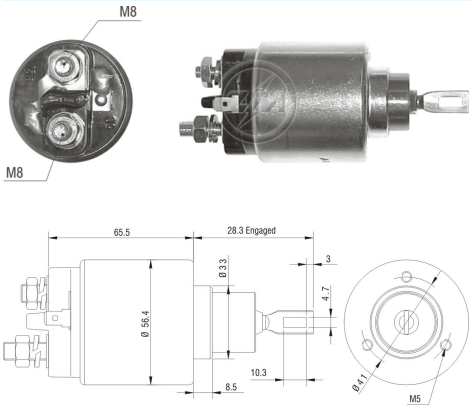


ZM 6-775 12v CAP ZM 2-775.91

APLICAÇÃO */ USED ON:*
NISSAN: Pick-up.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 9.007.046.004

SUBSTITUI */ REPLACE:*
BOSCH: 9.337.043.019, 9.337.043.519, F.000.SH0.188.

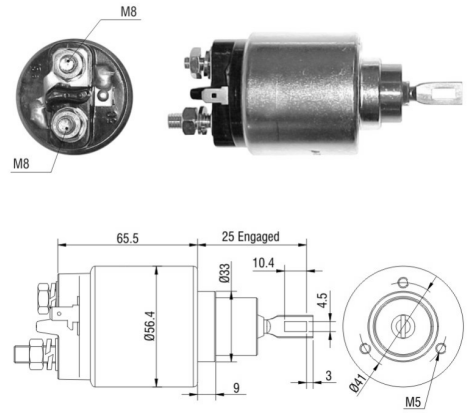


ZM 777 12v CAP ZM 777.91

APLICAÇÃO */ USED ON:*
RENAULT: Clio, Laguna, Megane, Renault 11, Renault 19, Renault 9, Twingo. VOLVO: 440, 460, 480.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.108.143, 0.001.110.003, 0.001.110.026, 0.001.110.089, 0.001.208.100, 0.001.208.517, 0.001.208.528

SUBSTITUI */ REPLACE:*
BOSCH: 0.331.303.062, 0.331.303.562.

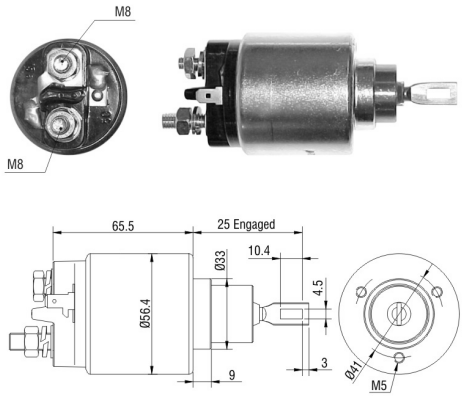


ZM 1-777 12v CAP ZM 2-777.91

APLICAÇÃO */ USED ON:*
RENAULT: Clio, Express, Extra, Rapid, Scénic.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.108.182. CITROËN: 96325689. PEUGEOT: 96325689. RENAULT: 7700106763

SUBSTITUI */ REPLACE:*
BOSCH: 2.339.303.311.

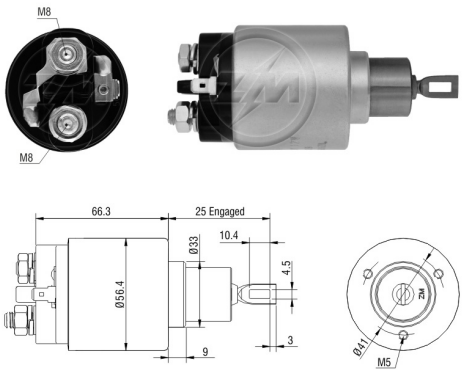


ZM 2-777 12v CAP ZM 2-777.91

APLICAÇÃO / *USED ON:*
SUZUKI: Samurai, Vitara.

MOTOR DE PARTIDA / *STARTER:*
BOSCH: 0.001.112.032

SUBSTITUI / *REPLACE:*
BOSCH: 0.331.303.095.

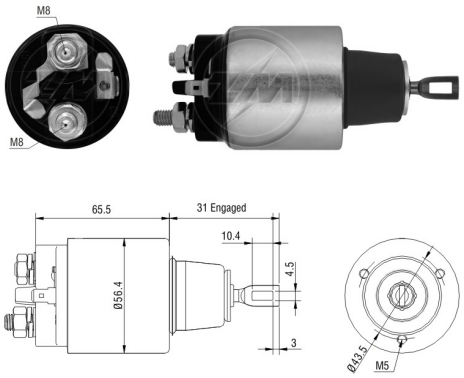


ZM 3-777 12v CAP ZM 3-777.91

APLICAÇÃO / *USED ON:*
NISSAN: Sentra.

MOTOR DE PARTIDA / *STARTER:*
BOSCH: 6.004.AA0.010

SUBSTITUI / *REPLACE:*
BOSCH: 9.337.043.523, F.000.SH0.190.

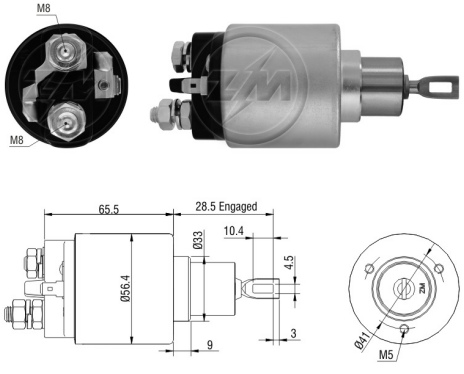


ZM 4-777 12v CAP ZM 4-777.91

APLICAÇÃO / *USED ON:*
NISSAN: 0, Estaquitas, Hikari, Pick-up, Sentra, Tsuru.

MOTOR DE PARTIDA / *STARTER:*
BOSCH: 6.004.AA0.002, 6.004.AA0.017, 6.004.AA2.004, 6.004.AA2.005. NISSAN: 23300-F4011, 23300-F4110

SUBSTITUI / *REPLACE:*
BOSCH: 6.004.AS1.002, F.000.SH0.179.

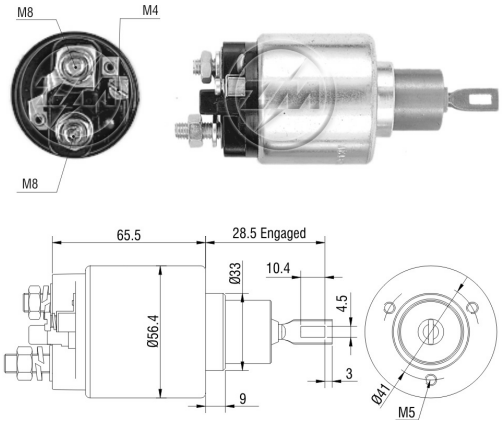


ZM 5-777 12v CAP ZM 5-777.91

APLICAÇÃO / *USED ON:*
FORD: P 350, Pick-up. NISSAN: Pick-up.

MOTOR DE PARTIDA / *STARTER:*
BOSCH: 6.004.AA3.004, 6.004.AA3.005. FORD: MF4TM-11000-A, MF4TM-11000-B

SUBSTITUI / *REPLACE:*
BOSCH: 9.337.043.013, 9.337.043.513, F.000.SH0.187.



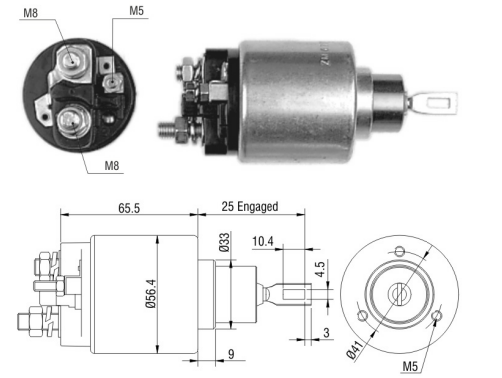
ZM 778 12v

CAP ZM 778.91

APLICAÇÃO */ USED ON:*
ALFA ROMEO: Alfa 75, Alfa 90, GTV, RZ, SZ.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.110.039, 0.001.110.053, 0.001.110.113

SUBSTITUI */ REPLACE:*
BOSCH: 0.331.303.115, 2.339.303.261.



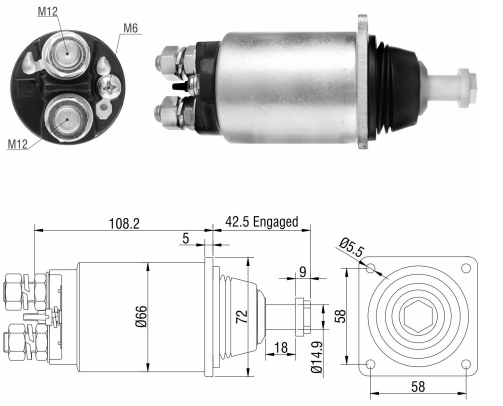
ZM 779 12v

CAP ZM 677.91

APLICAÇÃO */ USED ON:*
JEEP: CJ, Cherokee, Comanche, Grand Cherokee, Grand Wagoneer, Scrambler, Wagoneer, Wrangler, YJ.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.108.051, 0.001.108.056

SUBSTITUI */ REPLACE:*
BOSCH: 0.331.303.106, 0.331.303.606.

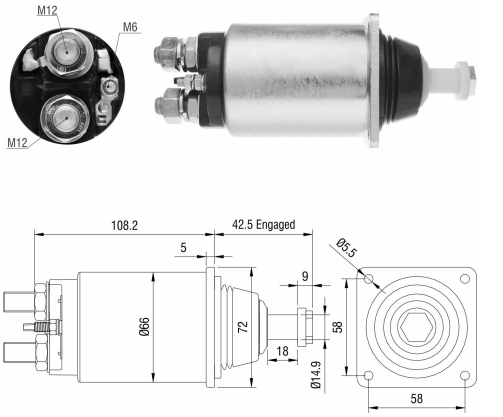


ZM 831 12v

APLICAÇÃO */ USED ON:*
CASE: W 36. CUMMINS: Série CT. KENWORTH: 13.210, 22.210. PETERBILT: 13.210, 22.210, 23.210. VOLKSWAGEN: 16.210.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.370.001, 9.000.453.029, 9.000.453.065, 9.000.453.066, 9.000.453.067

SUBSTITUI */ REPLACE:*
BOSCH: 2.339.403.016, 9.330.451.058, 9.330.451.064, 9.330.451.065, 9.330.451.069.

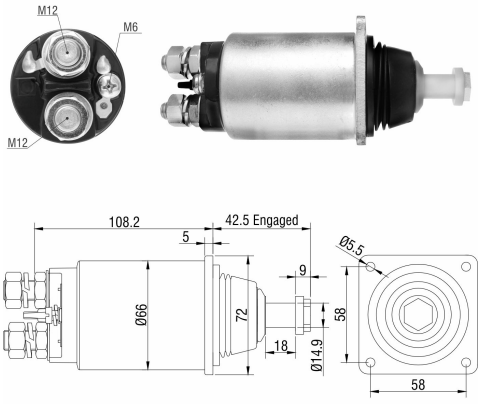


ZM 1-831 12v

APLICAÇÃO */ USED ON:*
CASE: W 36. FORD: Cargo 2324, Cargo 3224 ATAC, Cargo C 1422, Cargo C 3224, Cargo C 3530, Cargo C 4030, F 6000, F-7000. KENWORTH: 13.210, 22.210. NEW HOLLAND: Colheitadeira. PETERBILT: 13.210, 22.210, 23.210. VOLKSWAGEN: 16.210.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.370.001, 9.000.453.029. CUMMINS: 3355207. FORD: 87LL-11001-AA. VOLKSWAGEN: TE3911023

SUBSTITUI */ REPLACE:*
BOSCH: 2.339.403.017.

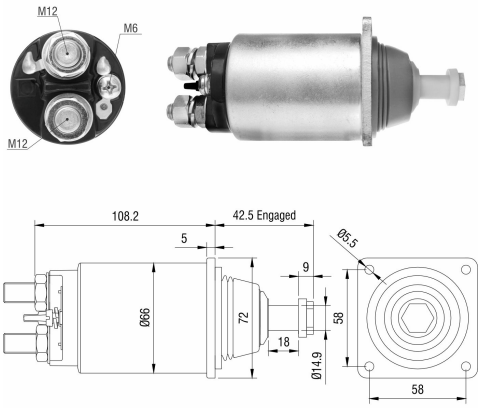


ZM 832 24v

APLICAÇÃO */ USED ON:*
DECAROLI: 714, 784 T1/2, NG 4 T1. MERCEDES-BENZ: L 2635, LS 1625, LS 1630, LS 1935, LS 1941, O 400, OH 1635L, OHL 1624G.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 9.000.453.063, 9.000.453.068

SUBSTITUI */ REPLACE:*
BOSCH: 9.330.451.059, 9.330.451.070, 9.330.451.071.

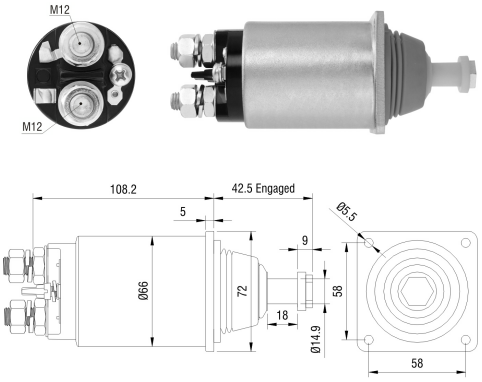


ZM 833 24v

APLICAÇÃO */ USED ON:*
SCANIA: K124, P124, P124/360, P124/400, P124/420, R124, R124/360, R124/400, R124/420, R144/460, R144/530, R164/480, R164/580, Série DS, Série DSC, Série DSI, T124, T124/360, T124/400, T124/420, T144/460, T144/530.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.371.004, 0.001.371.006, 0.001.371.008. DELCO REMY: 19070035, 19070036, 19070037. SCANIA: 1332903, 1357709, 1382290, 571462, 571464

SUBSTITUI */ REPLACE:*
BOSCH: 2.339.403.006, 2.339.403.506, 2.33A.403.006, 9.330.451.071. DELCO REMY: 19070191. SCANIA: 1405979.

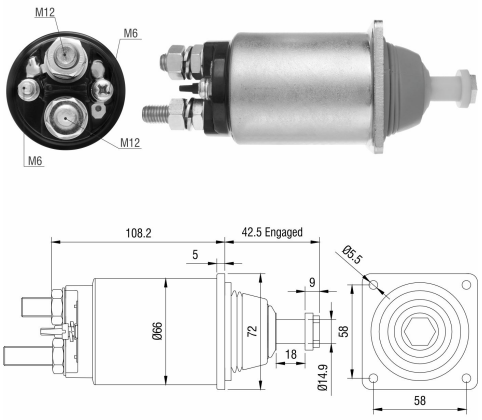


ZM 1-833 24v

APLICAÇÃO */ USED ON:*
SCANIA: 114C/340, 114C/380, 114G/340, 114G/380, 114L/340, 114L/380, 124C/360, 124C/400, 124C/420, 124C/470, 124G/360, 124G/400, 124G/420, 124G/470, 124L/360, 124L/400, 124L/420, 124L/440, 124L/470, P114/260, P114/320, P114/340, P114/360, P114/380, P124/360, P124/400, P124/420, P124/440, P124/470, R114/320, R114/340, R114/360, R114/380, R124/360, R124/400, R124/420, R124/440, R124/470, Série DC, Série DI, Série DS, Série DSC, Série DSI, Série DT, T114/320, T114/340, T114/360, T114/380, T114C/310, T114C/340, T114C/380, T114G/340, T114G/380, T114L/340, T114L/380, T124/360, T124/400, T124/420, T124/440, T124/470, T124C/360, T124C/400, T124C/420, T124G/360, T124G/400, T124G/420, T124L/360, T124L/400, T124L/420, T124L/470.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.371.005, 0.001.371.007, 0.001.371.009, 0.001.371.012. MTU: 005.151.18.01. SCANIA: 1358639, 1358640, 1386807

SUBSTITUI */ REPLACE:*
BOSCH: 2.339.403.007. SCANIA: 1405978.



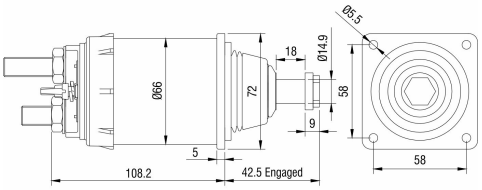
ZM 834 24v

APLICAÇÃO */ USED ON:*
DAF: XF 95.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.371.010, 0.001.371.013, 0.001.372.002, 0.001.372.003. DAF: 1284775, 1317220, 1318615, 1329660

SUBSTITUI */ REPLACE:*
BOSCH: 2.339.403.009, 2.339.403.509. DAF: 1337458.





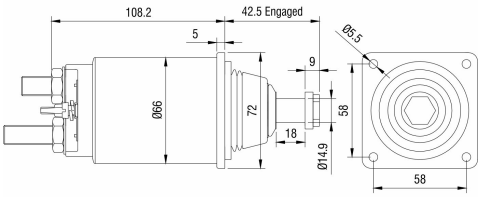
ZM 835 24v

APLICAÇÃO / *USED ON:*
MERCEDES-BENZ: 1831, 1835, 1840, 1843, 1848, 1853, 1857, 2031, 2035, 2040, 2053, 2531, 2535, 2540, 2543, 2548, 2553, 2557, 2631, 2635, 2640, 2643, 2648, 2653, 2657, 3235, 3240, 3243, 3331, 3335, 3340, 3343, 3348, 3353, 3357, 4140, 4143, 4148.

MOTOR DE PARTIDA / *STARTER:*
BOSCH: 0.001.371.019, 0.001.372.001, 0.001.372.005, 0.001.372.006. DELCO REMY: 19070030, 19070033. MERCEDES-BENZ: 0 041 519 401

SUBSTITUI / *REPLACE:*
BOSCH: 2.339.403.010. DELCO REMY: 19070190.



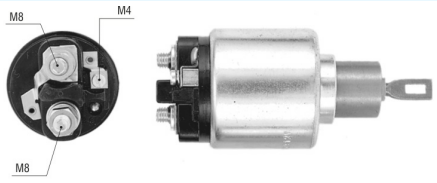


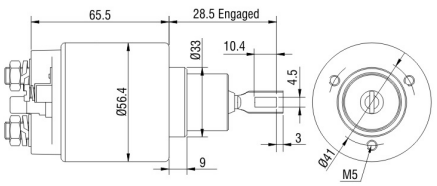
ZM 836 24v

APLICAÇÃO / *USED ON:*
DAF: 85 CF, 95 XF, CF 85.

MOTOR DE PARTIDA / *STARTER:*
BOSCH: 0.001.371.015, 0.001.371.016, 0.001.371.018, 0.001.372.007, 0.001.372.008. DAF: 1357210, 1357211, 1357212, 1357213

SUBSTITUI / *REPLACE:*
BOSCH: 2.339.403.014. DAF: 1448595.



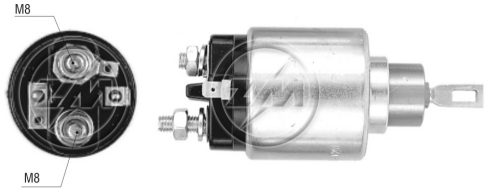


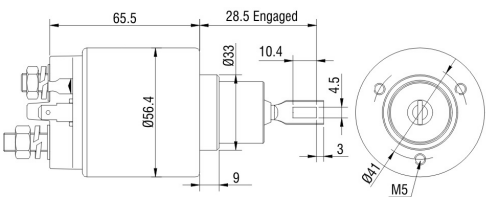
ZM 871 12v CAP ZM 871.91

APLICAÇÃO / *USED ON:*
VOLKSWAGEN: Gol, Parati, Saveiro, Voyage.

MOTOR DE PARTIDA / *STARTER:*
BOSCH: 9.000.082.072. VOLKSWAGEN: 305911023B

SUBSTITUI / *REPLACE:*
BOSCH: 9.330.081.061.



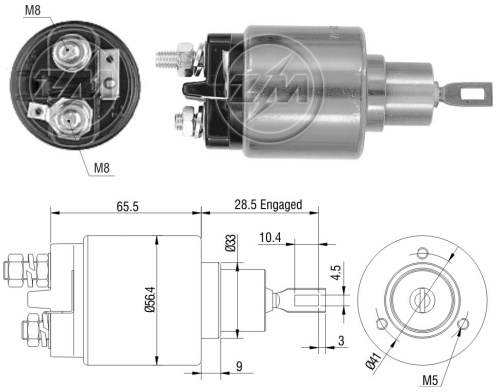


ZM 872 12v CAP ZM 574.91

APLICAÇÃO / *USED ON:*
GM-CHEVROLET: Blazer, Ipanema, Kadett, Monza, S10.

MOTOR DE PARTIDA / *STARTER:*
BOSCH: 9.000.082.036, 9.000.082.058, 9.000.082.063. GM: 52270036, 52270037, 52277049, 94628321

SUBSTITUI / *REPLACE:*
BOSCH: 9.330.081.058.

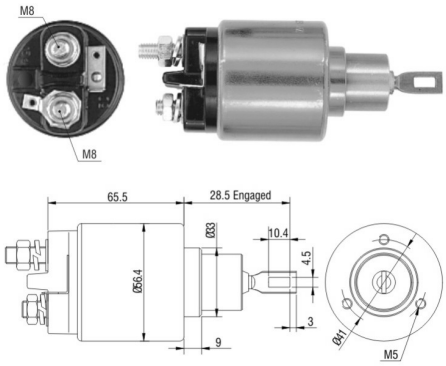


ZM 873 12v CAP ZM 873.91

APLICAÇÃO */ USED ON:*
PEUGEOT: 306, 405, 504.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.110.017, 0.001.110.999, 0.001.208.507, 0.001.208.516, 0.001.208.707, 0.001.507.707, 9.000.082.062

SUBSTITUI */ REPLACE:*
BOSCH: 0.331.303.066, 2.339.303.239, 9.330.081.062, 9.33A.081.062.

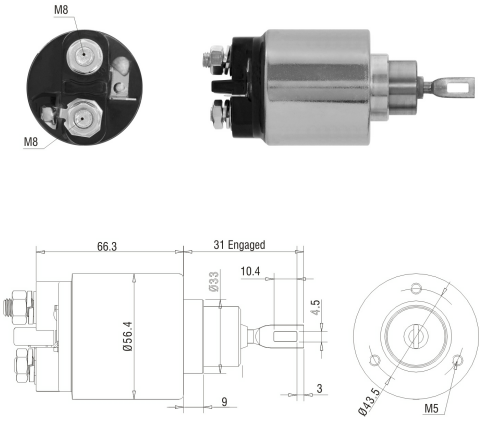


ZM 1-873 12v CAP ZM 1-873.91

APLICAÇÃO */ USED ON:*
GM-CHEVROLET: Omega. GM-HOLDEN: Calais, Caprice, Statesman.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: F.000.AL0.123, F.005.M00.012, F.005.M00.014

SUBSTITUI */ REPLACE:*
BOSCH: 9.330.061.106, F.000.SH0.132.

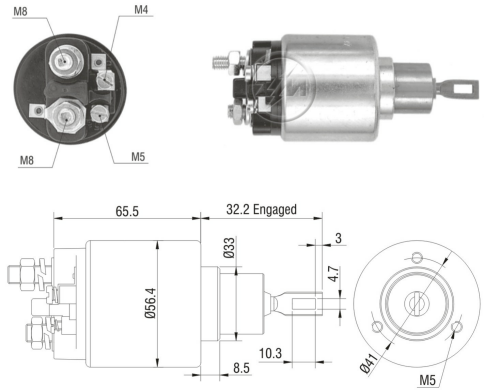


ZM 2-873 12v CAP ZM 2-873.91

APLICAÇÃO */ USED ON:*
PORSCHE: 914. VOLKSWAGEN: 1500, 1600, 181, 411, 412, Beetle, Brasília, Caravelle, Combi, Fusca, Kaefer, Karman Ghia, Kombi, Panel, Sedan, Transporter.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 6.004.AA0.021, 6.004.AA0.022, 6.004.AA0.031, 6.004.AA0.032, 9.000.042.023, 9.000.042.026, 9.000.042.042. VOLKSWAGEN: 037911023C, 43911023

SUBSTITUI */ REPLACE:*
BOSCH: 6.004.AF1.015, 9.330.043.505, F.000.SH0.181.

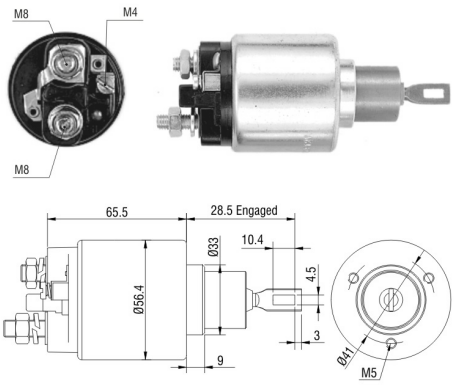


ZM 874 12v CAP ZM 874.91

APLICAÇÃO */ USED ON:*
MERCEDES-BENZ: 320 TE, A-Class, C-Class, E-Class, G-Class, S-Class, SL-Class.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.108.003, 0.001.110.016, 0.001.314.027, 0.001.314.036

SUBSTITUI */ REPLACE:*
BOSCH: 0.331.303.035, 0.331.303.053, 2.339.303.260.

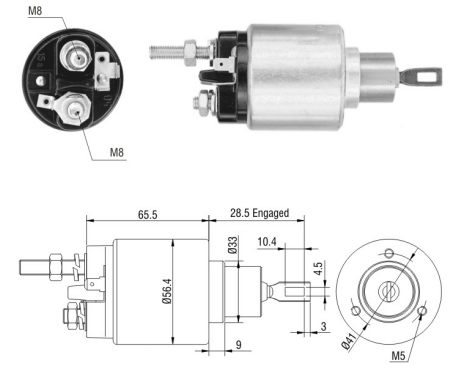


ZM 875 12v CAP ZM 875.91

APLICAÇÃO / *USED ON:*
VOLKSWAGEN: Quantum, Santana.

MOTOR DE PARTIDA / *STARTER:*
BOSCH: 9.000.081.007, 9.000.082.074

SUBSTITUI / *REPLACE:*
BOSCH: 9.330.081.060.

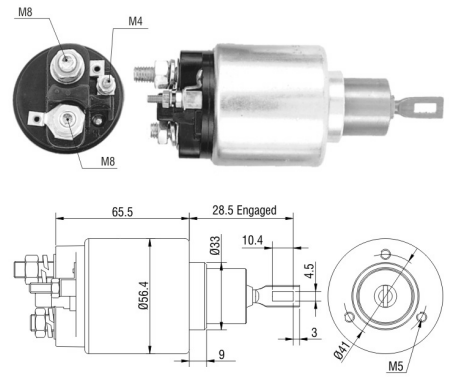


ZM 876 12v CAP ZM 876.91

APLICAÇÃO / *USED ON:*
VOLKSWAGEN: Transporter.

MOTOR DE PARTIDA / *STARTER:*
BOSCH: 0.001.110.009, 0.001.208.425, 0.001.208.426, 0.001.208.429, 0.001.211.253, 0.001.211.254, 0.001.317.016, 0.001.317.017

SUBSTITUI / *REPLACE:*
BOSCH: 0.331.303.055, 0.331.303.056, 0.331.303.076, 0.331.303.132.

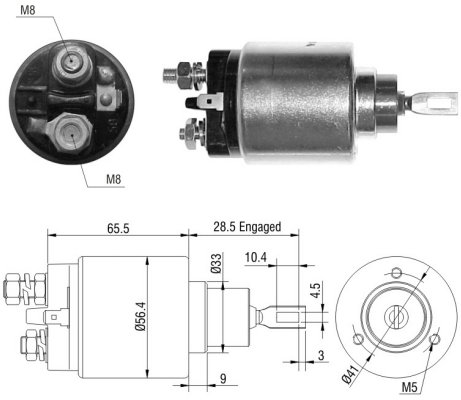


ZM 877 12v CAP ZM 577.91

APLICAÇÃO / *USED ON:*
CHRYSLER: Le Baron, Saratoga.

MOTOR DE PARTIDA / *STARTER:*
BOSCH: 0.001.108.046, 0.001.108.066, 0.001.108.068, 0.001.108.069, 0.001.108.070, 0.001.110.024, 0.001.208.404, 0.001.208.407, 0.001.208.420, 0.001.208.421

SUBSTITUI / *REPLACE:*
BOSCH: 0.331.303.108.

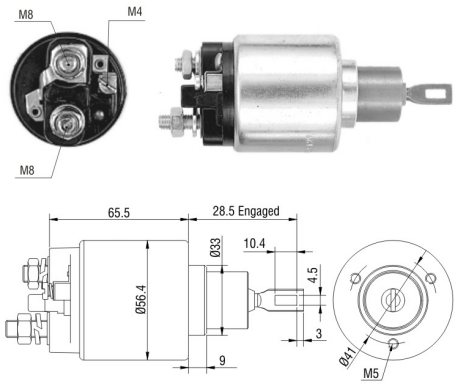


ZM 878 12v CAP ZM 878.91

APLICAÇÃO / *USED ON:*
FIAT: 147, Duna, Fiorino, Tempra, Tipo, Uno.

MOTOR DE PARTIDA / *STARTER:*
BOSCH: 9.000.081.005, 9.000.081.008, 9.000.082.079, 9.000.082.080, 9.000.082.081, 9.000.082.082, 9.000.082.083, 9.000.082.085

SUBSTITUI / *REPLACE:*
BOSCH: 9.330.081.065, 9.33A.081.065.



ZM 879 12v

CAP ZM 875.91

APLICAÇÃO / *USED ON:*

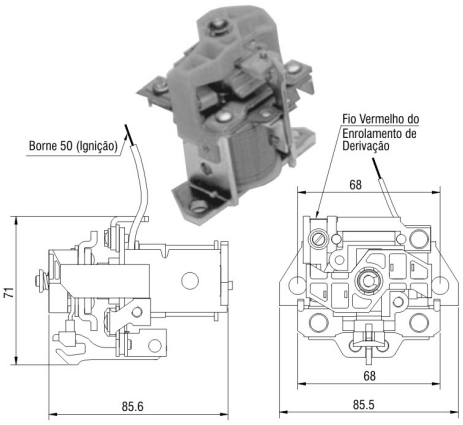
GURGEL: BR 800, Tocantins. VOLKSWAGEN: Fusca, Gol, Kombi.

MOTOR DE PARTIDA / *STARTER:*

BOSCH: 9.000.082.069, 9.000.082.077, F.000.AL0.306, F.000.AL0.329

SUBSTITUI / *REPLACE:*

BOSCH: 9.330.081.063, F.000.SH0.129, F.00A.SH0.129.



ZM 901 24v

APLICAÇÃO / *USED ON:*

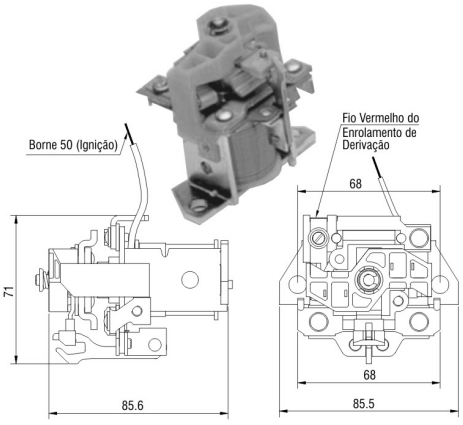
DAF: FA 85.330, FA 95.310, FA 95.350, FA 95.360, FA 95.400, FA 95.430, FAD 95.350, FAD 95.360, FAD 95.400, FAD 95.430, FAG 95.350, FAG 95.360, FAG 95.400, FAG 95.430, FAK 95.360, FAK 95.400, FAK 95.430, FAR 95.310, FAR 95.330, FAR 95.350, FAR 95.360, FAR 95.400, FAR 95.430, FAS 95.350, FAS 95.360, FAS 95.400, FAS 95.430, FAT 95.350, FAT 95.360, FAT 95.400, FAT 95.430, FT 85.330, FT 95.310, FT 95.330, FT 95.350, FT 95.360, FT 95.400, FT 95.430, FTG 95.350, FTG 95.360, FTG 95.400, FTG 95.430, FTR 95.360, FTR 95.400, FTR 95.430, FTS 95.350, FTS 95.360, FTS 95.400, FTS 95.430, FTT 95.360, FTT 95.400, FTT 95.430.

MOTOR DE PARTIDA / *STARTER:*

BOSCH: 0.001.410.021, 0.001.410.041, 0.001.410.089, 0.001.416.002, 0.001.416.078, 0.001.416.079, 0.001.417.001, 0.001.417.064, 0.001.417.078, 9.000.084.007, 9.000.084.008, 9.000.084.010, 9.000.084.012, 9.000.084.014, 9.000.084.015, 9.000.084.018, 9.000.084.019, 9.000.084.021, 9.000.084.022, 9.000.084.023, 9.000.084.024, 9.000.084.026, 9.000.410.021, 9.000.410.036, 9.000.410.041

SUBSTITUI / *REPLACE:*

BOSCH: 0.331.100.016, 0.331.101.006, 0.331.101.009, 1.987.AN0.006. DELCO REMY: 19024320.



ZM 2-901 12v

APLICAÇÃO / *USED ON:*

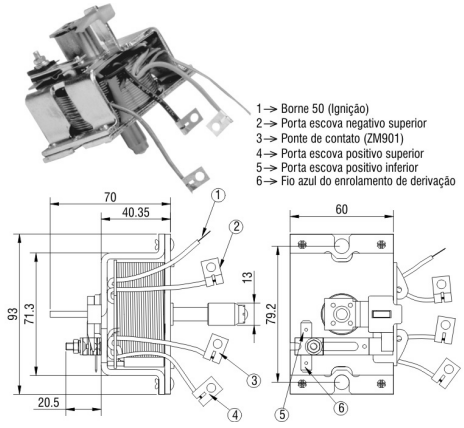
VOLVO: Caminhões, LM 218, T800, T810, Truck.

MOTOR DE PARTIDA / *STARTER:*

BOSCH: 0.001.413.001, 0.001.413.003, 0.001.413.006, 0.001.413.007, 0.001.413.008, 0.001.413.009, 0.001.413.010, 0.001.413.012, 0.001.413.013, 0.001.413.014, 0.001.413.017, 0.001.413.018, 0.001.418.001, 0.001.418.002, 0.001.418.003, 0.001.418.004, 0.001.418.005, 0.001.418.006, 0.001.418.007, 0.001.418.008, 0.001.418.010. VOLVO: 250519

SUBSTITUI / *REPLACE:*

BOSCH: 0.331.101.011.



ZM 902 24v

APLICAÇÃO */ USED ON:*

DAF: FA 85.330, FA 95.310, FA 95.350, FA 95.360, FA 95.400, FA 95.430, FAD 95.350, FAD 95.360, FAD 95.400, FAD 95.430, FAG 95.350, FAG 95.360, FAG 95.400, FAG 95.430, FAK 95.360, FAK 95.400, FAK 95.430, FAR 95.310, FAR 95.330, FAR 95.350, FAR 95.360, FAR 95.400, FAR 95.430, FAS 95.350, FAS 95.360, FAS 95.400, FAS 95.430, FAT 95.350, FAT 95.360, FAT 95.400, FAT 95.430, FT 85.330, FT 95.310, FT 95.330, FT 95.350, FT 95.360, FT 95.400, FT 95.430, FTG 95.350, FTG 95.360, FTG 95.400, FTG 95.430, FTR 95.360, FTR 95.400, FTR 95.430, FTS 95.350, FTS 95.360, FTS 95.400, FTS 95.430, FTT 95.360, FTT 95.400, FTT 95.430. VOLVO: B 12 CH, FH 16, FH12, FL 12, FM 12, NH12.

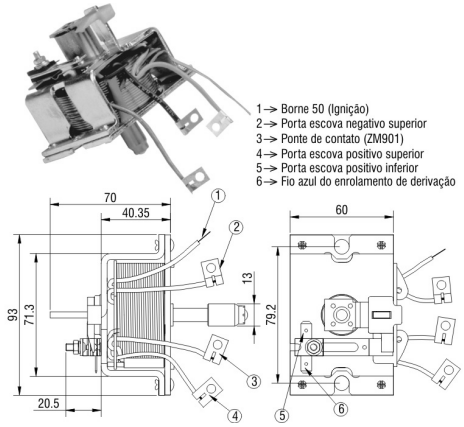
MOTOR DE PARTIDA */ STARTER:*

BOSCH: 0.001.410.021, 0.001.410.041, 0.001.410.046, 0.001.410.065, 0.001.410.089, 0.001.411.025, 0.001.416.002, 0.001.416.005, 0.001.416.009, 0.001.416.061, 0.001.416.078, 0.001.416.079, 0.001.417.001, 0.001.417.005, 0.001.417.036, 0.001.417.042, 0.001.417.055, 0.001.417.064, 0.001.417.065, 0.001.417.068, 0.001.417.075, 0.001.417.076, 0.001.417.078, 9.000.084.007, 9.000.084.008, 9.000.084.009, 9.000.084.010, 9.000.084.012, 9.000.084.014, 9.000.084.015, 9.000.084.018, 9.000.084.019, 9.000.084.021, 9.000.084.022, 9.000.084.023, 9.000.084.024, 9.000.084.026, 9.000.410.021, 9.000.410.041, 9.000.410.089. VOLVO: 1547049, 1556955, 3064839, 3095060

SUBSTITUI */ REPLACE:*

BOSCH: 0.331.450.001, 0.331.450.004, 0.331.450.005, 1.987.AN0.001, 2.007.022.001, 2.339.450.012, 2.339.450.014. DELCO REMY: 19024324. VOLVO: 3099721.

Continuação da página anterior. */ Continued from last page.*



ZM 2-902 12v

APLICAÇÃO */ USED ON:*

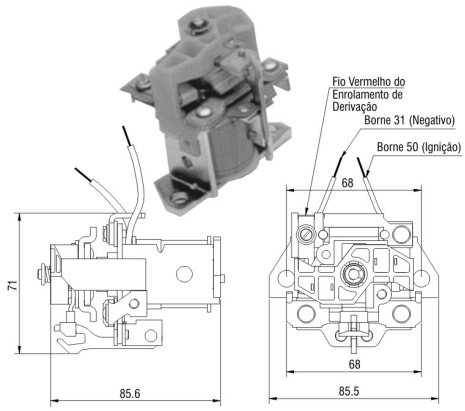
VOLVO: Caminhões, LM 218, T800, T810, Truck.

MOTOR DE PARTIDA */ STARTER:*

BOSCH: 0.001.413.001, 0.001.413.003, 0.001.413.006, 0.001.413.007, 0.001.413.008, 0.001.413.009, 0.001.413.010, 0.001.413.011, 0.001.413.012, 0.001.413.013, 0.001.413.014, 0.001.413.017, 0.001.413.018, 0.001.418.001, 0.001.418.002, 0.001.418.003, 0.001.418.004, 0.001.418.005, 0.001.418.006, 0.001.418.007, 0.001.418.008, 0.001.418.010. VOLVO: 250519

SUBSTITUI */ REPLACE:*

BOSCH: 0.331.450.009.



ZM 903 24v

APLICAÇÃO */ USED ON:*

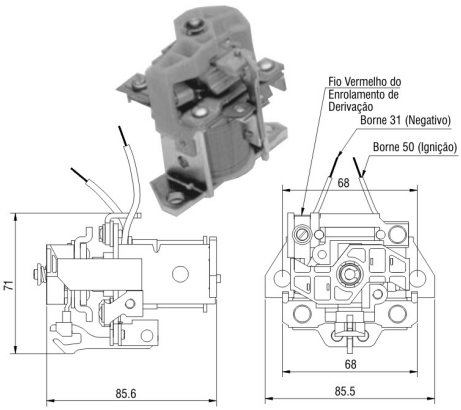
CUMMINS: Série N. SCANIA: BR116 S, F113 HL, K113 CL, K113 TL, L113 CL, P113/400, R113/400, S113 AL, S113 CL, Série DN, Série DS, Série DSC, Série DSI, T112, T142/385, T142/388, T142/398, T142/410, T142/420, T142/430. VOLVO: Volvo Penta.

MOTOR DE PARTIDA */ STARTER:*

BOSCH: 0.001.410.019, 0.001.410.022, 0.001.410.024, 0.001.410.037, 0.001.410.049, 0.001.410.050, 0.001.410.068, 0.001.410.069, 0.001.410.075, 0.001.410.077, 0.001.410.078, 0.001.410.083, 0.001.410.087, 0.001.410.092, 0.001.410.101, 0.001.410.104, 0.001.410.109, 0.001.411.022, 0.001.416.010, 0.001.417.037, 0.001.417.065, 0.001.417.067, 0.001.417.069, 0.001.417.075, 0.001.417.076, 9.000.084.011, 9.000.084.013, 9.000.084.016, 9.000.084.020, 9.000.084.025

SUBSTITUI */ REPLACE:*

BOSCH: 0.331.100.009, 0.331.100.019, 0.331.100.021, 0.331.100.025, 0.331.101.005, 0.331.101.008, 0.331.101.016. DELCO REMY: 19024321, 19024427. FIAT: 9920699.

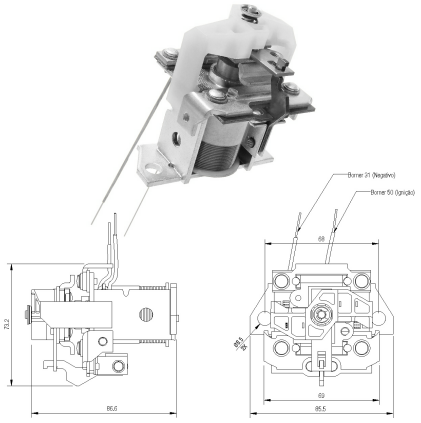


ZM 2-903 12v

APLICAÇÃO / *USED ON:*
VOLVO: Caminhões, LM 218, T800, T810, Truck.

MOTOR DE PARTIDA / *STARTER:*
BOSCH: 0.001.413.004, 0.001.413.005, 0.001.418.009, 0.001.418.011

SUBSTITUI / *REPLACE:*
BOSCH: 0.331.101.012.

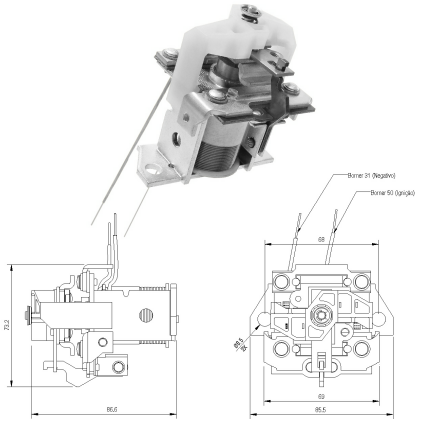


ZM 3-903 12v

APLICAÇÃO / *USED ON:*
VOLVO: BM, F 84, F 85, F 86, F 87, FB 84, FB 85, FB 86, FB 87, N 7.

MOTOR DE PARTIDA / *STARTER:*
BOSCH: 0.001.401.005, 0.001.401.011, 0.001.401.023, 0.001.401.028, 0.001.401.044, 0.001.401.046, 0.001.401.049, 0.001.401.060. MARELLI: 63213853, 63213855, 63216225, 63216233, MT38QB, MT62AA

SUBSTITUI / *REPLACE:*
BOSCH: 0.331.100.005, 0.331.100.014, 0.331.101.001, 0.331.101.003. FIAT: 9009423, 9923794, 9925687. MARELLI: 636331425, IA14AA, IE14AA.

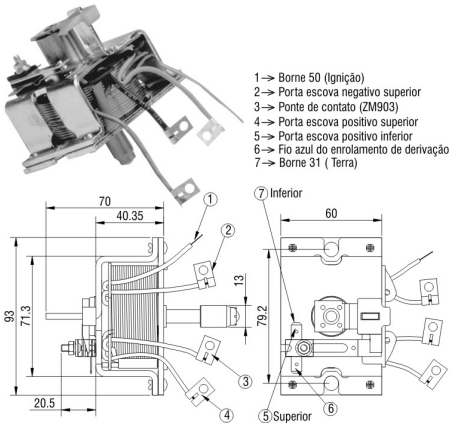


ZM 4-903 24v

APLICAÇÃO / *USED ON:*
MWM: RHS 518. STEYR: 480, 586.

MOTOR DE PARTIDA / *STARTER:*
BOSCH: 0.001.402..., 0.001.402.011, 0.001.402.040, 0.001.402.053, 0.001.402.079

SUBSTITUI / *REPLACE:*
BOSCH: 0.331.100.002, 0.331.100.011, 0.331.100.012, 0.331.101.002, 0.331.101.004, 0.331.101.019, 9.339.991.018.

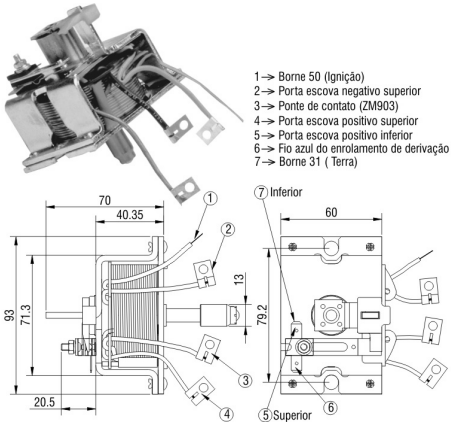


ZM 904 24v

APLICAÇÃO / *USED ON:*
CUMMINS: Série N. SCANIA: BR116 S, F113 HL, K113 CL, K113 TL, L113 CL, P113/400, R113/400, S113 AL, S113 CL, Série DN, Série DS, Série DSC, Série DSI, T112, T142/385, T142/388, T142/398, T142/410, T142/420, T142/430. VOLVO: Volvo Penta.

MOTOR DE PARTIDA / *STARTER:*
BOSCH: 0.001.410.019, 0.001.410.022, 0.001.410.024, 0.001.410.037, 0.001.410.049, 0.001.410.050, 0.001.410.068, 0.001.410.069, 0.001.410.075, 0.001.410.077, 0.001.410.078, 0.001.410.083, 0.001.410.087, 0.001.410.092, 0.001.410.101, 0.001.410.104, 0.001.410.109, 0.001.410.113, 0.001.410.117, 0.001.411.022, 0.001.416.010, 0.001.416.071, 0.001.417.023, 0.001.417.037, 0.001.417.047, 0.001.417.065, 0.001.417.067, 0.001.417.069, 9.000.084.011, 9.000.084.013, 9.000.084.016, 9.000.084.020, 9.000.084.025. DELCO REMY: 19070001, 19070004. VOLVO: 881684

SUBSTITUI / *REPLACE:*
BOSCH: 0.331.450.002, 2.339.450.013. DELCO REMY: 19024325.

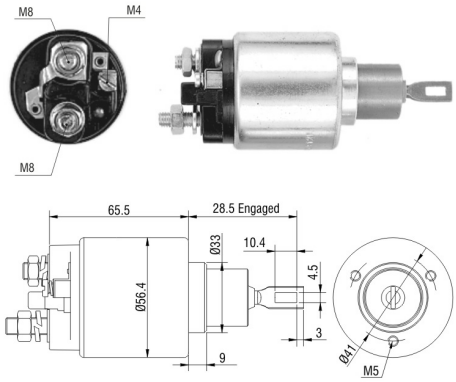


ZM 2-904 12v

APLICAÇÃO / *USED ON:*

MOTOR DE PARTIDA / *STARTER:*
BOSCH: 0.001.413.004, 0.001.413.005, 0.001.418.009, 0.001.418.011, 0.331.450.010

SUBSTITUI / *REPLACE:*
BOSCH: 0.331.450.010.

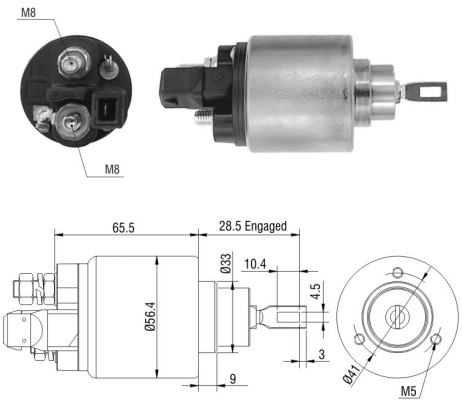


ZM 971 12v CAP ZM 875.91

APLICAÇÃO / *USED ON:*
FORD: Belina, Del Rey, Pampa, Royale, Versailles. PEUGEOT: 306, 405. VOLKSWAGEN: Gol, Parati, Quantum, Santana, Saveiro, Voyage.

MOTOR DE PARTIDA / *STARTER:*
BOSCH: 0.001.104.020, 9.000.081.006, 9.000.082.064, 9.000.082.076, 9.000.082.078, F.000.AL0.126, F.000.AL0.301, F.000.AL0.328, F.000.AL0.400, F.000.AL0.413, F.000.AL0.502, F.000.AL0.507, F.009.AL0.103, F.010.AL0.103. FORD: 3779-11023-D, ZBU9-11023-D. NISSAN: 11950-16E10. VOLKSWAGEN: 377911023D, 554911023B

SUBSTITUI / *REPLACE:*
BOSCH: 9.330.081.064, F.000.SH0.137. FORD: 5549-11287. VOLKSWAGEN: 554-911-287, 624-513.

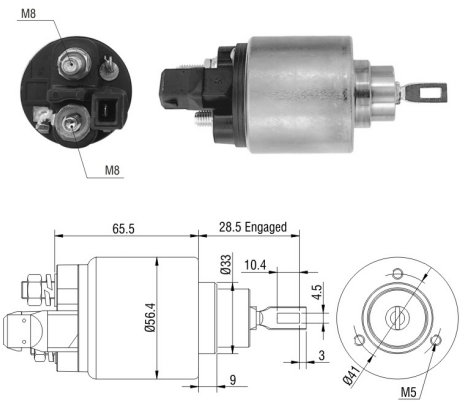


ZM 972 12v CAP ZM 972.91

APLICAÇÃO / *USED ON:*
AUDI: A3, TT Coupe. SEAT: Alhambra, City Golf, Cordoba, Ibiza. SKODA: Fabia, Octavia. VOLKSWAGEN: Beetle, Bora, Golf, Jetta, Passat, Polo, Sharan.

MOTOR DE PARTIDA / *STARTER:*
BOSCH: 0.001.107.020, 0.001.107.021, 0.001.107.022, 0.001.107.023, 0.001.107.025, 0.001.110.076, 0.001.110.077, 0.001.110.086, 0.001.112.021, 0.001.112.027, 0.001.112.038, 0.001.112.039, 0.001.112.044, 0.001.112.045, 0.001.121.001, 0.001.121.002, 0.001.121.006, 0.001.121.007, 0.001.121.008, 0.001.121.009, 0.001.121.016, 0.001.121.017, 0.001.121.018, 0.001.121.019, 0.001.121.026, 0.001.124.001, 0.001.125.005, 0.001.125.006, 0.001.125.009, 0.001.125.012, 0.001.125.013, 0.001.125.039, 0.001.125.042, 0.001.125.043, 0.001.125.052, 0.986.016.290, 0.986.016.790, 9.000.081.010, F.000.AL0.402, F.000.AL0.415

SUBSTITUI / *REPLACE:*
BOSCH: 0.331.303.147, 2.339.303.211, 2.339.303.222, 2.339.303.258, 2.339.303.265, 2.339.303.339, 2.339.303.351, 2.339.303.377, 2.339.303.412, 2.339.303.722, 2.339.303.724, 6.004.AF1.027, 6.004.AF1.029, F.000.SH0.102, F.000.SH0.120, F.000.SH0.133, F.000.SH0.136, F.00A.SH0.120. VOLKSWAGEN: 02M-911-287-A.

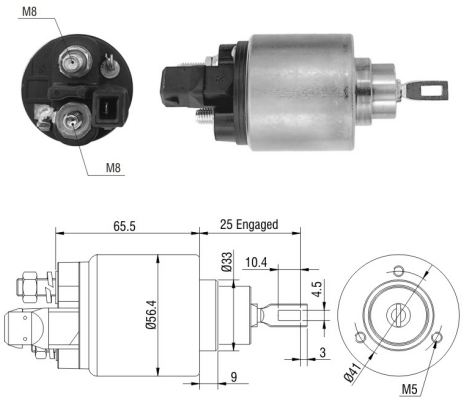


ZM 1-972 12v CAP ZM 1-972.91

APLICAÇÃO / *USED ON:*
VOLKSWAGEN: Fox, Gol, Parati.

MOTOR DE PARTIDA / *STARTER:*
BOSCH: 9.000.081.010, F.000.AL0.401, F.000.AL0.402, F.000.AL0.414, F.000.AL0.415

SUBSTITUI / *REPLACE:*
BOSCH: 9.330.081.068, 9.33A.081.068, F.000.SH0.111, F.000.SH0.130, F.000.SH0.214.



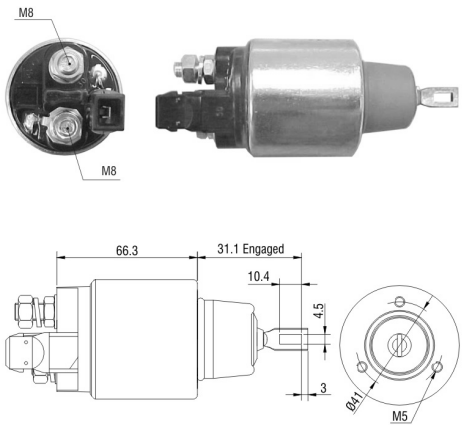
ZM 2-972 12v

CAP ZM 1-972.91

APLICAÇÃO */ USED ON:*
GM-CHEVROLET: Blazer, S10. NISSAN: Frontier, X terra.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: F.000.AL0.105, F.000.AL0.107

SUBSTITUI */ REPLACE:*
BOSCH: F.000.SH0.117, F.000.SH0.138, F.00A.SH0.138.



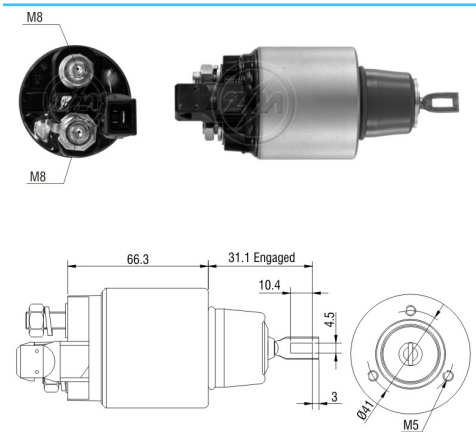
ZM 3-972 12v

CAP ZM 972.96

APLICAÇÃO */ USED ON:*
FORD: F-250. MARCOPOLO: Volare.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.223.010, 6.033.AB1.J00. MWM: 9 0572 01 0 0082. VOLKSWAGEN: 62911023

SUBSTITUI */ REPLACE:*
BOSCH: 6.033.AD0.025, 6.033.AD0.026, 6.033.AD1.067.



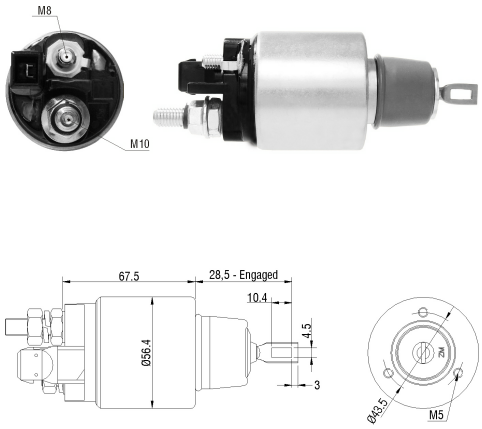
ZM 5-972 12v

CAP ZM 1-972.96

APLICAÇÃO */ USED ON:*
NISSAN: Frontier, X terra. TROLLER: T4, T4 M.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: F.000.AL0.112

SUBSTITUI */ REPLACE:*
BOSCH: F.000.SH0.182, F.00A.SH0.182.



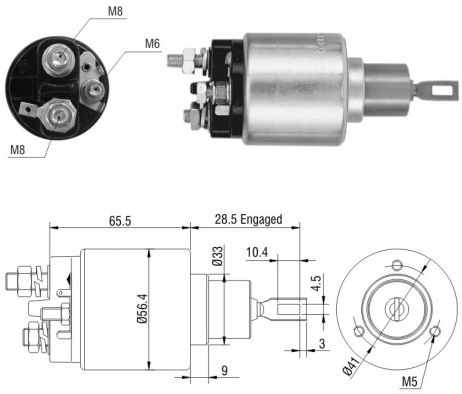
ZM 6-972 12v

CAP ZM 1-972.96

APLICAÇÃO */ USED ON:*
FORD: Cargo 915, Cargo C 1217, Cargo C 1317, Cargo C 1415, Cargo C 1417, Cargo C 1421, Cargo C 1517, Cargo C 1521, Cargo C 1617, Cargo C 1621, Cargo C 1717, Cargo C 1721, Cargo C 815, F-250, F-350, F-4000. VOLKSWAGEN: 5-140E, 8-150.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: F.000.AL0.129, F.000.AL0.130, F.000.AL0.131, F.000.AL0.133, F.000.AL0.150, F.000.AL0.151, F.000.AL0.152

SUBSTITUI */ REPLACE:*
BOSCH: F.000.SH0.210.

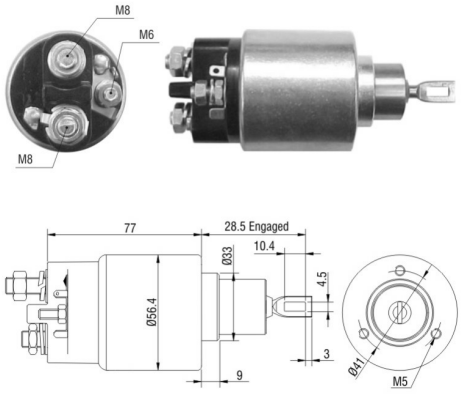


ZM 973 12v CAP ZM 775.91

APLICAÇÃO / *USED ON:*
FORD: Courier, Escort, Fiesta, Granada, Merkur, Mondeo, Scorpio.

MOTOR DE PARTIDA / *STARTER:*
BOSCH: 0.001.107.027, 0.001.107.028, 0.001.107.029, 0.001.108.087, 0.001.108.106, 0.001.108.109, 0.001.108.110, 0.001.108.111, 0.001.108.116, 0.001.108.133, 0.001.108.139, 0.001.108.140, 0.001.110.104, 0.001.112.016, 0.001.112.033, 0.001.113.009

SUBSTITUI / *REPLACE:*
BOSCH: 0.331.303.140, 0.331.303.640.

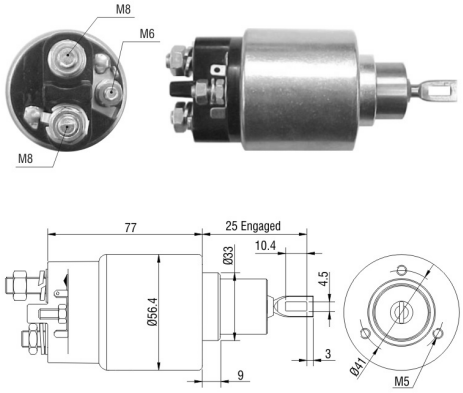


ZM 1-973 12v CAP ZM 1-973.91

APLICAÇÃO / *USED ON:*
KHD: KHD. MERCEDES-BENZ: A-Class.

MOTOR DE PARTIDA / *STARTER:*
BOSCH: F.000.AL0.302. MERCEDES-BENZ: 0 051 511 901, A 0 051 511 901. ZM: 80.115.04

SUBSTITUI / *REPLACE:*
BOSCH: F.000.SH0.100, F.000.SH0.154.

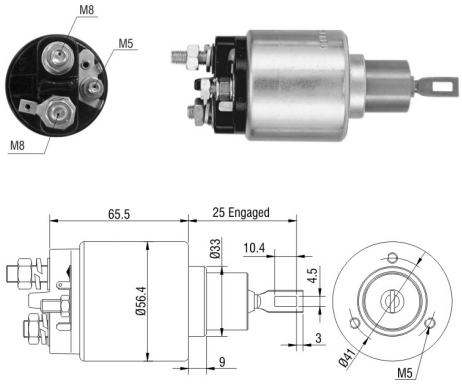


ZM 2-973 12v CAP ZM 1-973.91

APLICAÇÃO / *USED ON:*
MERCEDES-BENZ: A-Class.

MOTOR DE PARTIDA / *STARTER:*
BOSCH: F.000.AL0.101. MERCEDES-BENZ: 0 051 511 101, 0 051 514 701, A 0 051 511 101

SUBSTITUI / *REPLACE:*
BOSCH: F.000.SH0.106, F.000.SH0.155.

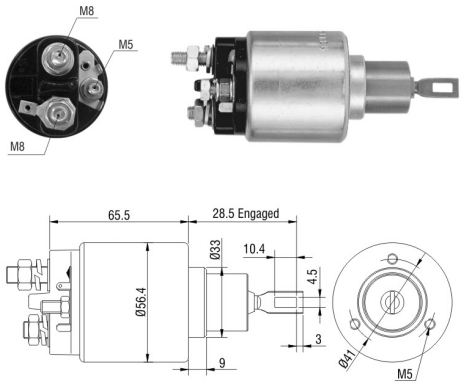


ZM 3-973 12v CAP ZM 3-973.91

APLICAÇÃO / *USED ON:*
CITROËN: Xsara. PEUGEOT: 306, 405.

MOTOR DE PARTIDA / *STARTER:*
BOSCH: F.000.AL0.103, F.000.AL0.104. CITROËN: 96251686

SUBSTITUI / *REPLACE:*
BOSCH: F.000.SH0.112, F.000.SH0.116, F.000.SH0.148, F.000.SH0.149.



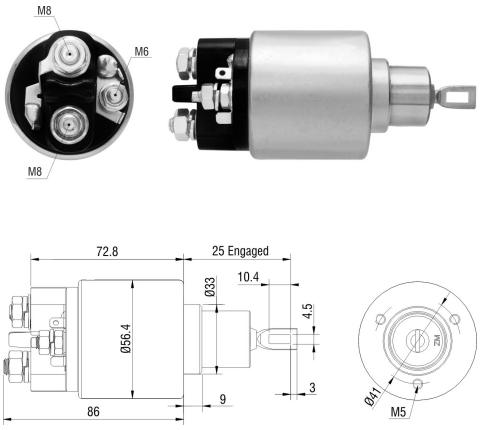
ZM 4-973 12v

CAP ZM 3-973.91

APLICAÇÃO */ USED ON:*
PEUGEOT: 306, 405.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: F.010.AL0.101

SUBSTITUI */ REPLACE:*
BOSCH: F.000.SH0.122, F.000.SH0.151.



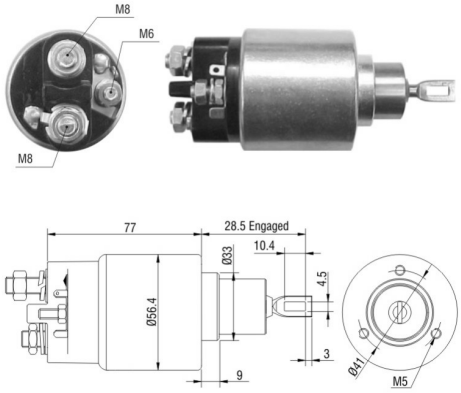
ZM 5-973 12v

CAP ZM 5-973.91

APLICAÇÃO */ USED ON:*
MAYBACH: 57, 62. MERCEDES-BENZ: 129 series, 163 series, 170 series, 171 series, 199 series, 202 series, 203 series, 208 series, 209 series, 210 series, 211 series, 215 series, 216 series, 220 series, 221 series, 230, 463 series, Vito. STEYR: G 320, G 500.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.107.102, 0.001.108.197, 0.001.108.205, 0.001.115.005, 0.986.017.890, 0.986.019.500. MERCEDES-BENZ: 0 051 516 501, 1 121 510 001

SUBSTITUI */ REPLACE:*
BOSCH: 2.339.303.267. MERCEDES-BENZ: 0 011 522 810.

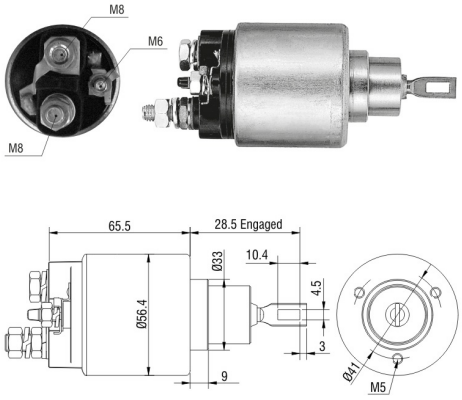


ZM 6-973 12v

APLICAÇÃO */ USED ON:*
MERCEDES-BENZ: C-Class, CLK-Class, E-Class, G-Class, M-Class, PUCH G-MODEL, S-Class, SL-Class, Sprinter.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.218.740

SUBSTITUI */ REPLACE:*
BOSCH: 0.331.303.151. MERCEDES-BENZ: 001.152.00.10, A001.152.00.10.



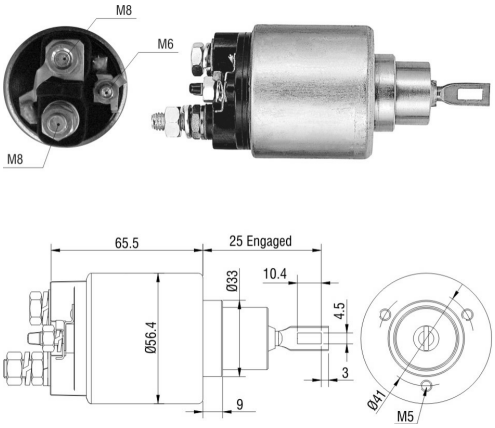
ZM 974 12v

CAP ZM 974.91

APLICAÇÃO */ USED ON:*
FIAT: Fiorino, Palio, Siena, Strada, Uno.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 9.000.081.009, F.000.AL0.300, F.000.AL0.303, F.000.AL0.305, F.010.AL0.301. FIAT: 465 217 870, 46521787, 50008582

SUBSTITUI */ REPLACE:*
BOSCH: 9.330.081.067, F.000.SH0.134, F.00A.SH0.134.

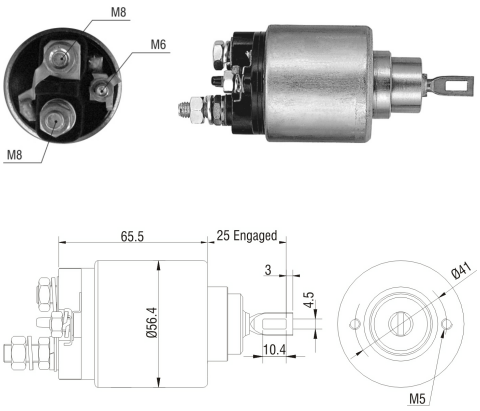


ZM 1-974 12v CAP ZM 974.91

APLICAÇÃO */ USED ON:*
FIAT: Doblò, Fiorino, Palio, Siena, Strada, Uno.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: F.000.AL0.309, F.000.AL0.310

SUBSTITUI */ REPLACE:*
BOSCH: F.000.SH0.109, F.000.SH0.127, F.00A.SH0.127.

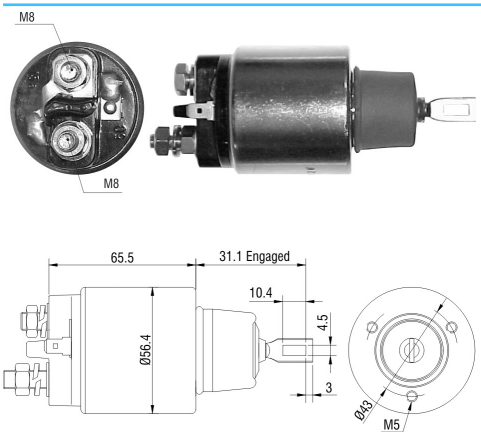


ZM 2-974 12v CAP ZM 974.91

APLICAÇÃO */ USED ON:*
FIAT: Uno.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: F.000.CD0.001, F.000.CD1.008. FIAT: 51888975

SUBSTITUI */ REPLACE:*
BOSCH: F.000.CD1.140.

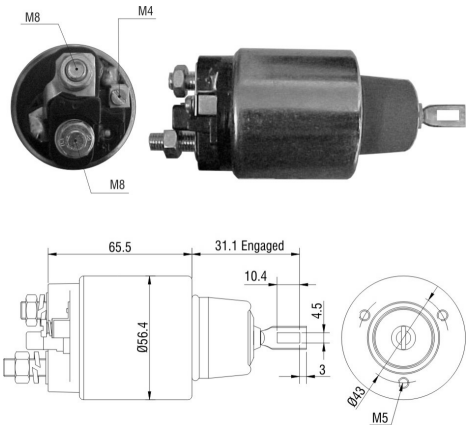


ZM 975 12v CAP ZM 975.91

APLICAÇÃO */ USED ON:*
FORD: F-1000. GM-CHEVROLET: Blazer. LAND ROVER / ROVER GROUP: Land Rover Defender, Land Rover Discovery, Range Rover. MERCEDES-BENZ: Sprinter.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.218.168, 9.000.331.432, 9.000.331.433

SUBSTITUI */ REPLACE:*
BOSCH: 9.330.331.006.

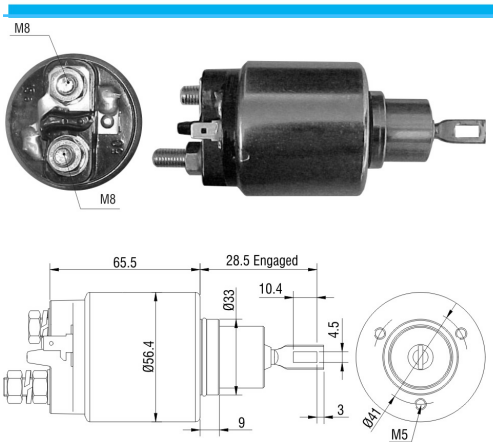


ZM 1-975 12v CAP ZM 778.91

APLICAÇÃO */ USED ON:*
KHD: KHD.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 0.001.218.172, 0.001.218.772, 0.001.223.002, 0.001.223.016, 0.001.223.021

SUBSTITUI */ REPLACE:*
BOSCH: 9.330.331.010, 9.330.331.510.

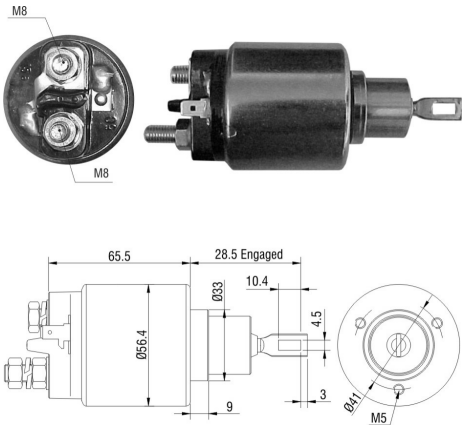


ZM 976 12v CAP ZM 975.91

APLICAÇÃO / *USED ON:*
LAND ROVER / ROVER GROUP: Land Rover Defender, Land Rover Discovery, Rover 110, Rover 90.

MOTOR DE PARTIDA / *STARTER:*
BOSCH: 0.001.218.152

SUBSTITUI / *REPLACE:*
BOSCH: 0.331.303.165.

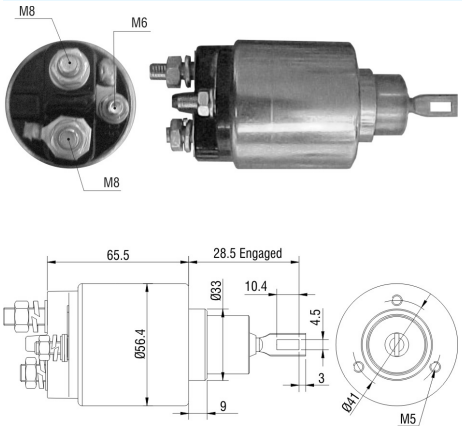


ZM 1-976 12v CAP ZM 975.91

APLICAÇÃO / *USED ON:*
FIAT-IVECO: Daily.

MOTOR DE PARTIDA / *STARTER:*
BOSCH: 0.001.218.174, 0.001.218.774. IVECO: 93828721, 994517530

SUBSTITUI / *REPLACE:*
BOSCH: 2.339.303.445, 9.330.331.013, 9.330.331.513. IVECO: 42563047.

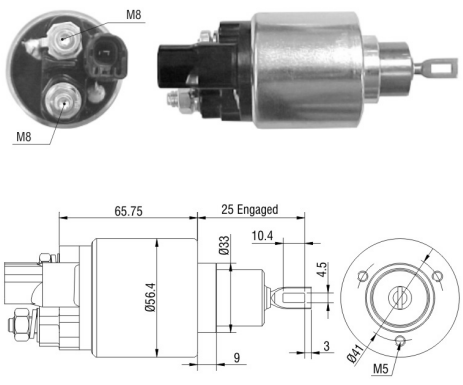


ZM 977 12v CAP ZM 977.91

APLICAÇÃO / *USED ON:*
FIAT: Ducato.

MOTOR DE PARTIDA / *STARTER:*
BOSCH: 0.001.218.159

SUBSTITUI / *REPLACE:*
BOSCH: 0.331.303.144.

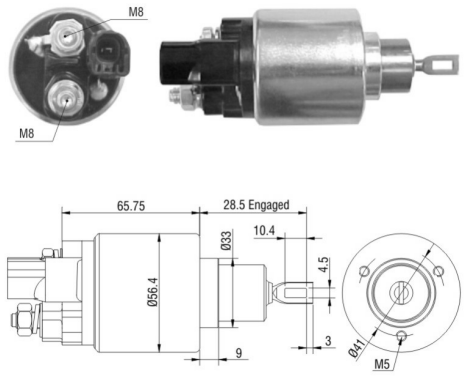


ZM 978 12v CAP ZM 978.91

APLICAÇÃO / *USED ON:*
TOYOTA: Avensis, Carina, Celica, Corolla.

MOTOR DE PARTIDA / *STARTER:*
BOSCH: 0.001.107.030, 0.001.107.075, 0.001.107.079, 0.001.109.034, 0.001.110.132, F.000.AL0.108. TOYOTA: 28100-0B020, 28100-0G010, 28100-0G100

SUBSTITUI / *REPLACE:*
BOSCH: 2.339.303.202, 2.339.303.294, 2.339.303.306, F.000.SH0.107, F.000.SH0.152. TOYOTA: 28150-02040, 28150-02080, 28150-0B020.



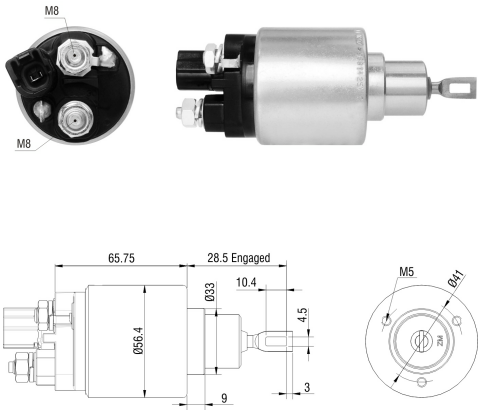
ZM 1-978 12v

CAP ZM 978.91

APLICAÇÃO */ USED ON:*
TOYOTA: Corolla, Corolla Fielder.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: F.000.AL0.106. TOYOTA: 24810-0D100, 28100-0D100. ZM: 80.110.06

SUBSTITUI */ REPLACE:*
BOSCH: F.000.SH0.118, F.000.SH0.153. TOYOTA: 28150-0D100.

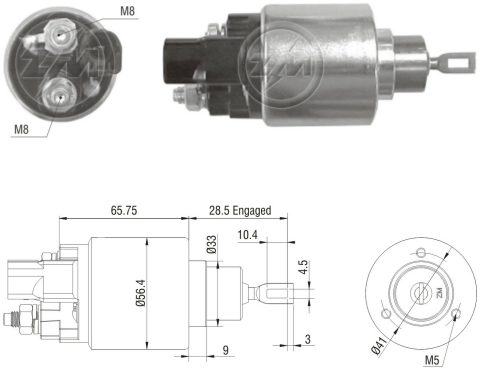


ZM 2-978 12v

APLICAÇÃO */ USED ON:*
TOYOTA: Corolla.

MOTOR DE PARTIDA */ STARTER:*

SUBSTITUI */ REPLACE:*
BOSCH: F.000.SH0.207.



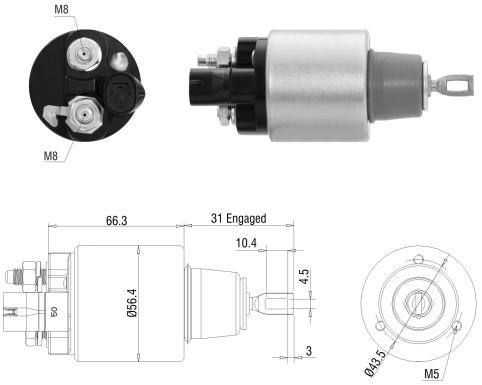
ZM 3-978 12v

CAP ZM 978.91

APLICAÇÃO */ USED ON:*
TOYOTA: Hilux.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: F.000.AL0.111. TOYOTA: 28100-0L070

SUBSTITUI */ REPLACE:*
BOSCH: 2.339.303.369, 2.339.303.840. TOYOTA: 28150-0L070.



ZM 979 12v

CAP ZM 979.91

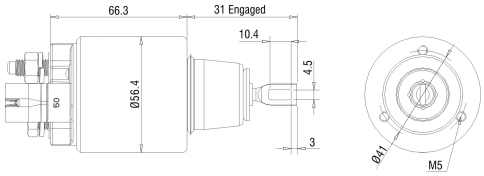
APLICAÇÃO */ USED ON:*
CHRYSLER: Cirrus, Neon, Sebring. CHRYSLER-DODGE: Neon, Stratus. CHRYSLER-PLYMOUTH: Breeze, Neon.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 9.007.045.018. CHRYSLER: 04793804, 4793804

SUBSTITUI */ REPLACE:*
BOSCH: 9.337.043.026, 9.337.043.526, F.000.SH0.203.

Referência BOSCH
BOSCH Reference





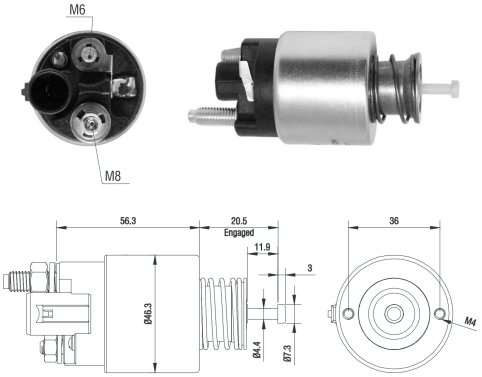
ZM 1-979 12v CAP ZM 979.91

APLICAÇÃO */ USED ON:*
CHRYSLER: Neon, PT Cruiser. CHRYSLER-DODGE: Neon. CHRYSLER-PLYMOUTH: Neon.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 6.004.AA0.003, 6.004.AA0.023, 6.004.AA0.027. CHRYSLER: 04793493, 4793493

SUBSTITUI */ REPLACE:*
BOSCH: 6.004.AF3.000, F.000.SH0.205.

Referência DELCO REMY
DELCO REMY Reference

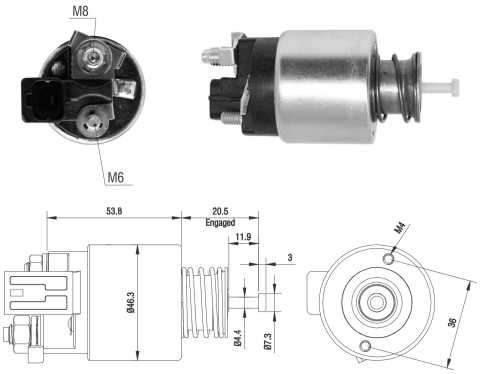


ZM 261 12v

APLICAÇÃO */ USED ON:*
GM-CHEVROLET: Agile, Cobalt, Corsa, Montana, Onix, Prisma, Spark, Spin.

MOTOR DE PARTIDA */ STARTER:*
DELCO REMY: 26008, 8000362, 8000363, 8000410, 8000416, 8000444, 8000448, 8000616, 8000660. GM: 24579009

SUBSTITUI */ REPLACE:*
DELCO REMY: 10535626, 10536526, 10536526M, 10538234.

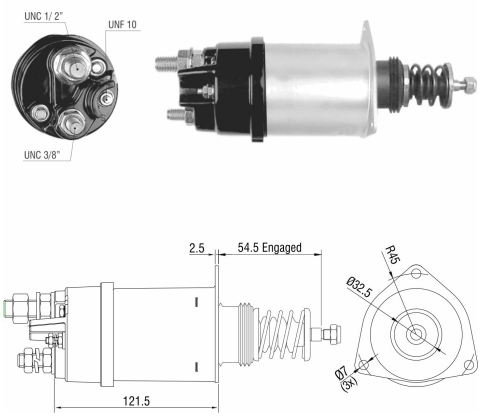


ZM 1-261 12v

APLICAÇÃO */ USED ON:*
HYUNDAI: Azera, Santa Fé, Sonata, Tucson, iX35. KIA MOTORS: Carens, Cerato, Forte, Magentis, Optima, Rondo, Sorento, Sportage.

MOTOR DE PARTIDA */ STARTER:*
DELCO REMY: 25009, 8000285, 8000357, 96000, DSR0618. HYUNDAI: 36100-2G000, 36100-2G200, P255G200. KIA: 36100-2G200, 36100-3C151, P255G200

SUBSTITUI */ REPLACE:*

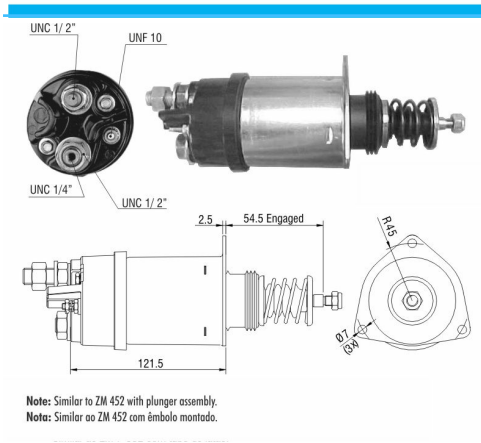


ZM 351 12v

APLICAÇÃO */ USED ON:*
BUICK: Heavy-Duty Trucks C70. CUMMINS: Equipamentos. DELCO REMY: 37MT Starter Motor Series, Motores de partida 37MT. FORD: Heavy-Duty Trucks 600 series, Heavy-Duty Trucks 700 series, Heavy-Duty Trucks 800 series, Medium Trucks 600 series, Medium Trucks 700 series, Medium Trucks 800 series. GM-CHEVROLET: Heavy-Duty Trucks, Heavy-Duty Trucks B6, Heavy-Duty Trucks C60, Heavy-Duty Trucks C6D, Heavy-Duty Trucks C7D, Medium Trucks, Medium Trucks B6, Medium Trucks C60, Medium Trucks C6D, Medium Trucks C70, Medium Trucks C7D, P series, Vans. WAUKESHA: Waukesha.

MOTOR DE PARTIDA */ STARTER:*
DELCO REMY: 1990308, 1990319, 1990341

SUBSTITUI */ REPLACE:*
DELCO REMY: 1115591.



Note: Similar to ZM 452 with plunger assembly.
Nota: Similar ao ZM 452 com êmbolo montado.

ZM 352 12v CAP ZM 452.96

APLICAÇÃO */ USED ON:*

CATERPILLAR: 3114, 3116, 3176. DELCO REMY: 37MT Starter Motor Series, Motores de partida 37MT. FORD: Cargo 1622, Cargo 1630, Cargo 2422, Cargo 2425, Cargo 2622, Cargo 2626, Cargo 2630, Cargo 2631, Cargo 3222, Cargo 3240, Heavy-Duty Trucks 600 series, Heavy-Duty Trucks 700 series, Heavy-Duty Trucks 7000 series, Heavy-Duty Trucks 800 series, Heavy-Duty Trucks 8000 series, Heavy-Duty Trucks 900 series, Heavy-Duty Trucks 9000 series, Medium Trucks 600 series, Medium Trucks 700 series, Medium Trucks 7000 series, Medium Trucks 800 series, Medium Trucks 8000 series, Medium Trucks 900 series, Medium Trucks 9000 series. GM-CHEVROLET: Caminhão, Heavy-Duty Trucks B7, Heavy-Duty Trucks C50, Heavy-Duty Trucks C5500, Heavy-Duty Trucks C60, Heavy-Duty Trucks C6500, Heavy-Duty Trucks C7500, Heavy-Duty Trucks C80, Heavy-Duty Trucks C8500, Medium Trucks B7, Medium Trucks C50, Medium Trucks C5500, Medium Trucks C6500, Medium Trucks C70, Medium Trucks C7500, Medium Trucks C80, Medium Trucks C8500. GMC: Heavy-Duty Trucks C6500, Heavy-Duty Trucks C70, Heavy-Duty Trucks C7500, Heavy-Duty Trucks C80, Heavy-Duty Trucks C8500, Medium Trucks C6500, Medium Trucks C70, Medium Trucks C7500, Medium Trucks C80, Medium Trucks C8500. VOLKSWAGEN: 17.220, 17.310, 23.210, 23.220, 23.310, 26.220, 26.260, 26.310.

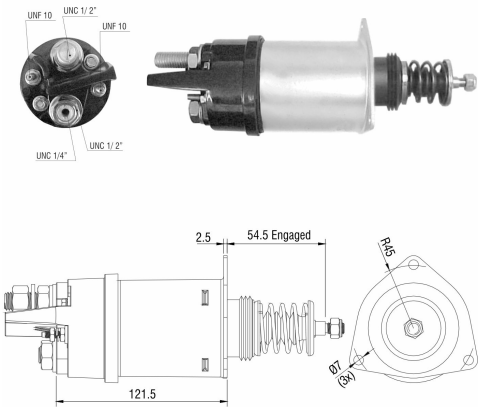
MOTOR DE PARTIDA */ STARTER:*

DELCO REMY: 10478806, 10478831, 10479036, 10479068, 10479174, 1990309, 1990310, 1990313, 1990315, 1990316, 1990317, 1990320, 1990498, 1993705, 1993713, 1993736, 1993737, 1993738, 1993754, 1993755, 1993756, 1993759, 1993761, 1993762, 1993763, 1993764, 1993765, 1993768, 1993769, 1993770, 1993778, 1993787, 1993789, 1993794, 1993817, 1993819, 1993832, 1993837, 1993850, 1993853, 1993855, 1993865, 1993869, 1993871, 1993873, 1993874, 1993878, 1993879, 1993880, 1993881, 1993883, 1993884, 1993885, 1993886, 1993887, 1993898, 1993928, 1993931, 1993950, 1993951, 1993963, 1993964, 1993979, 1993994

SUBSTITUI */ REPLACE:*

BOSCH: 1.987.BE2.020. DELCO REMY: 1115689.

Continuação da página anterior. */ Continued from last page.*



ZM 2-352 12v

APLICAÇÃO */ USED ON:*

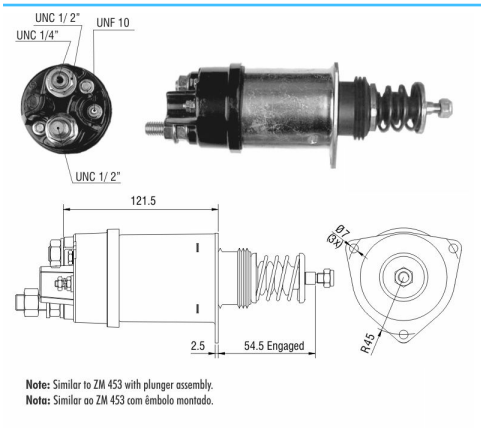
CASE: Cotton Pickers. DELCO REMY: 37MT Starter Motor Series, Motores de partida 37MT. FORD: Tractor. MASSEY FERGUSON: Combines. NEW HOLLAND: Colheitadeira, Tractor.

MOTOR DE PARTIDA */ STARTER:*

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

SUBSTITUI */ REPLACE:*

DELCO REMY: 1115623, 1115695, D917A.



Note: Similar to ZM 453 with plunger assembly.
Nota: Similar ao ZM 453 com êmbolo montado.

ZM 353 12v CAP ZM 453.96

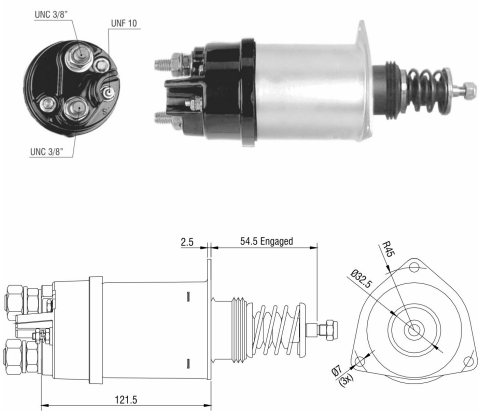
APLICAÇÃO */ USED ON:*

DELCO REMY: 37MT Starter Motor Series, 41MT Starter Motor Series, Motores de partida 37MT, Motores de partida 41MT. FORD: Heavy-Duty Trucks 600 series, Heavy-Duty Trucks 6000 series, Heavy-Duty Trucks 700 series, Heavy-Duty Trucks 7000 series, Medium Trucks 600 series, Medium Trucks 6000 series, Medium Trucks 700 series, Medium Trucks 7000 series.

MOTOR DE PARTIDA */ STARTER:*

DELCO REMY: 1990347, 1993767, 1993854. FORD: E5HT-11001-AA, E6HZ-11002-A, E9HT-11001-BA, E9HZ-11002-A

SUBSTITUI */ REPLACE:*



ZM 354 12v CAP ZM 450.96

APLICAÇÃO */ USED ON:*

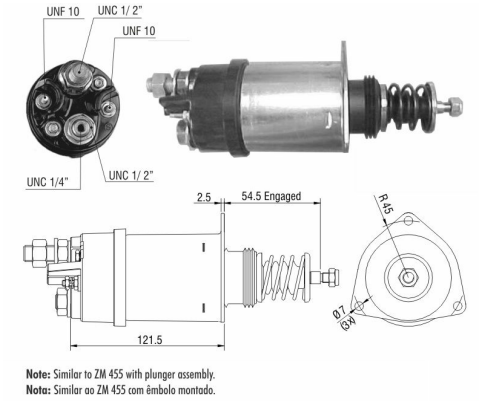
CASE: Tractor Farm 5488. CATERPILLAR: Track Loader 931B, Track Loader 931C, Track Loader 935B, Track Loader 935C. DELCO REMY: 37MT Starter Motor Series, Motores de partida 37MT.

MOTOR DE PARTIDA */ STARTER:*

DELCO REMY: 10461001, 10461007, 10461069, 10461199, 1993790, 1993791, 1993792, 1993793, 1993799, 1993818

SUBSTITUI */ REPLACE:*

DELCO REMY: 1115569.



Note: Similar to ZM 455 with plunger assembly.
Nota: Similar ao ZM 455 com êmbolo montado.

ZM 355 12v CAP ZM 455.96

APLICAÇÃO */ USED ON:*

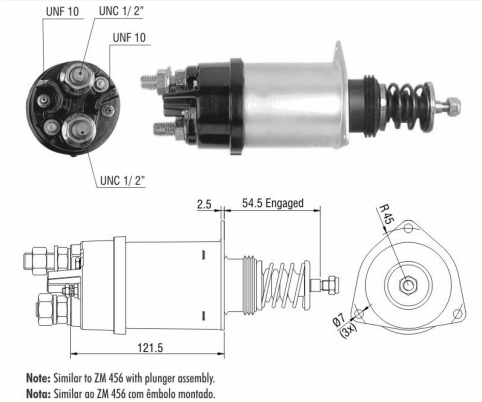
DELCO REMY: 37MT Starter Motor Series, 41MT Starter Motor Series, Motores de partida 37MT, Motores de partida 41MT. INTERNATIONAL: Caminhão, Navistar. TEREX: V-30, V-40, V-41, V-50, V-51, V-60.

MOTOR DE PARTIDA */ STARTER:*

CUMMINS: 3938501. DELCO REMY: 10478890, 10478953, 10479035, 10479069, 10479117, 10479169, 10479170, 10479187, 1990379, 1990420, 1990483, 1993795, 1993947, 1993969, 1993970, 1993974, 1993997, 8200015

SUBSTITUI */ REPLACE:*

DELCO REMY: 10511210, 1115694, 1115701, 1115704.



Note: Similar to ZM 456 with plunger assembly.
Nota: Similar ao ZM 456 com êmbolo montado.

ZM 356 12v CAP ZM 456.96

APLICAÇÃO */ USED ON:*

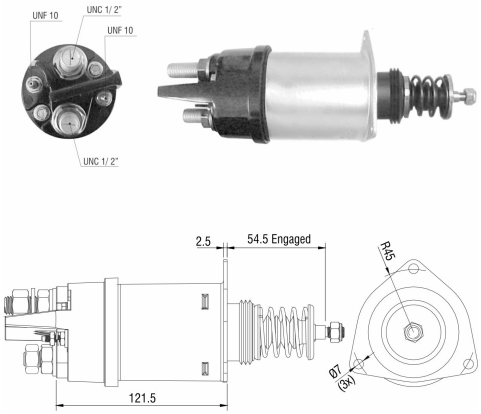
CATERPILLAR: 1140 V8, 1145 V8, 1150 V8, 1160 V8, 1670, 1673, 1674, 1676, 3208, 3304, 3306, 3406, 3408, 3412, AH 40, AH 46, AH 52, AH 60, AM 36, AM 40, D 320, Tractor Challenger 65, Tractor Challenger 70, V 160, V 160B, V 180, V 180B, V 200, V 200B, V 225, V 250, V 250B, V 300, V 300B, V 330B. CLARK: 101, 125, 125A, 125B, 125III, 175III, 275, 301, 45C, 501, 55B, 55C, 55IIIA, 7200S, 75B, 75C, 75IV, 75III, 85A, 85CIIIA, 85III, C500. CUMMINS: Série 855, Série L10, Série L14, Série V 8.3 litros, Série V 9.1 litros. DELCO REMY: 42MT Starter Motor Series, Motores de partida 42MT. HYSTER: H-150, H-150E, H-165, H-165E, H-180, H-180E, H-200, H-200E, H-200ES, H-225, H-225E, H-250A, H-250E, H-300, H-360A, H-360AD, H-400A, H-400AD, H-460AD, H-700, H-800A, M-500, M-600, P-125A, P-150A, P-165A, P-180A. INTERNATIONAL: Caminhão. JOHN DEERE: Colheitadeira CHT 2500B, Colheitadeira CHW 2500B. MASSEY FERGUSON: Colheitadeira. PERKINS: Perkins 504, Perkins 510 V8, Perkins 540 V8. TEREX: 81SH, 82SH, 83SH, 84SH, S-11E, TTS-14, TS-14, TS-14B.

MOTOR DE PARTIDA */ STARTER:*

DELCO REMY: 10478801, 10478802, 10478803, 10478804, 10478810, 10478816, 10478894, 10478895, 10478962, 10478964, 10478966, 10478967, 10478978, 10478983, 10478992, 10478997, 10479000, 10479018, 10479019, 10479021, 10479026, 10479027, 10479028, 10479030, 10479037, 10479038, 10479040, 10479041, 10479062, 10479063, 10479064, 10479065, 10479078, 10479080, 10479082, 10479090, 10479091, 10479092, 10479099, 1990337, 1990348, 1990349, 1990352, 1990353, 1990354, 1990355, 1990356, 1990358, 1990362, 1990363, 1990365, 1990370, 1990372, 1990375, 1990376, 1990377, 1990379, 1990385, 1990386, 1990387, 1990391, 1990393, 1990394, 1990395, 1990397, 1990398, 1990400, 1990403, 1990404, 1990405, 1990406, 1990408, 1990417, 1990420, 1990421, 1990430, 1990431, 1990438, 1990439, 1990440, 1990441, 1990442, 1990446, 1990449, 1990467, 1990468, 1990469, 1990470, 1990471, 1990475, 1990477, 1990478, 1990483, 1990484, 1990486, 1990487, 1990489, 1990490, 1990492, 1990494, 1990495, 1990496, 1993772, 1993774, 1993775, 1993776, 1993783, 1993785, 1993795, 1993803, 1993806, 1993807, 1993813, 1993816, 1993820, 1993823, 1993849, 1993856, 1993863, 1993925, 1993961, 1993973

SUBSTITUI */ REPLACE:*

BOSCH: F.042.010.590. DELCO REMY: 10511209, 1115645, 1115664, 1115712.



ZM 2-356 12v

APLICAÇÃO */ USED ON:*

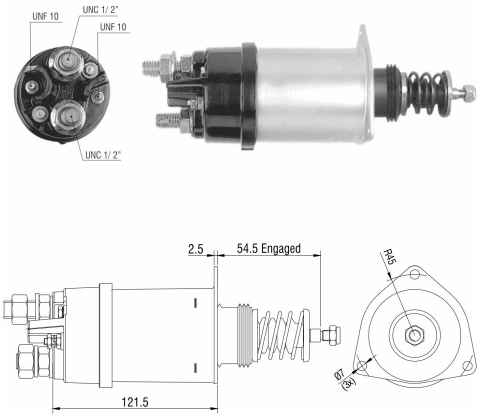
CASE: Tractor. DELCO REMY: 42MT Starter Motor Series, Motores de partida 42MT. FORD: Tractor. JOHN DEERE: Combines, Harvesters, Tractor. NEW HOLLAND: Tractor.

MOTOR DE PARTIDA */ STARTER:*

DELCO REMY: 10478832, 10478833, 10478931, 10478932, 10478933, 10478934, 10478935, 10478936, 10478951, 10478987, 10479004, 10479005, 10479006, 10479007, 10479017, 10479052, 1993934, 1993935, 1993937, 1993938, 1993939, 1993942, 1993943, 1993977, 1993982, 1993983

SUBSTITUI */ REPLACE:*

DELCO REMY: 1115624, D918A.



ZM 357 12v CAP ZM 457.96

APLICAÇÃO */ USED ON:*

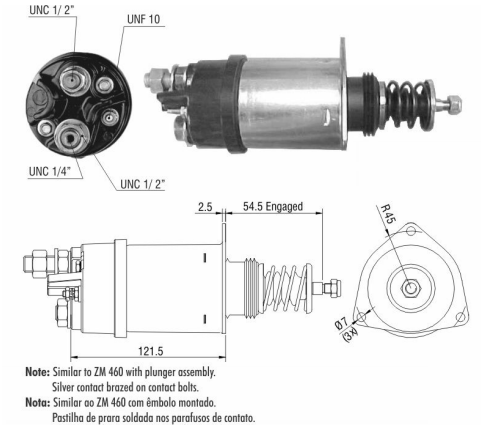
BUICK: Heavy-Duty Trucks C70. CATERPILLAR: 3208, Lift Trucks AH40, Lift Trucks AH46, Lift Trucks AH52, Lift Trucks AH60, Lift Trucks AM36, Lift Trucks AM40. CUMMINS: Equipamentos. DELCO REMY: 42MT Starter Motor Series, Motores de partida 42MT. GM-CHEVROLET: Heavy-Duty Trucks, Heavy-Duty Trucks C60, Heavy-Duty Trucks C6D, Heavy-Duty Trucks C7D, Heavy-Duty Trucks J8C, Heavy-Duty Trucks J9C Bruin, Heavy-Duty Trucks Kodiak, Heavy-Duty Trucks Topkick, Medium Trucks, Medium Trucks C60, Medium Trucks C6D, Medium Trucks C70, Medium Trucks C7D, Medium Trucks J8C, Medium Trucks J9C Bruin, Medium Trucks Kodiak, Medium Trucks Topkick.

MOTOR DE PARTIDA */ STARTER:*

DELCO REMY: 10478918, 10478965, 10478977, 10478984, 10478985, 10478991, 10479003, 1990369, 1990374, 1990380, 1990396, 1990401, 1990407, 1990419, 1990448, 1990450, 1990451, 1990452, 1990458, 1990466, 1990473, 1993782, 1993811, 1993824

SUBSTITUI */ REPLACE:*

DELCO REMY: 1115598.



Note: Similar to ZM 460 with plunger assembly.
Silver contact brazed on contact bolts.
Nota: Similar ao ZM 460 com êmbolo montado.
Pastilha de prata soldada nos parafusos de contato.

ZM 360 24v CAP ZM 460.96

APLICAÇÃO */ USED ON:*

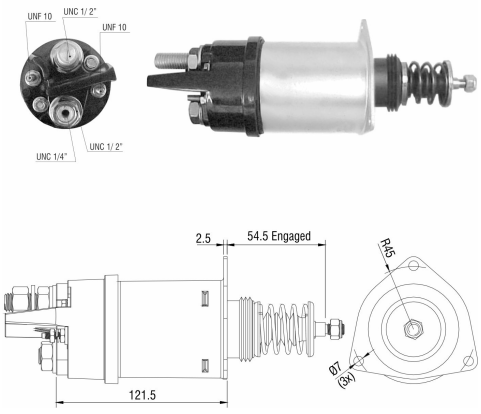
DELCO REMY: 37MT Starter Motor Series, Motores de partida 37MT. MERCEDES-BENZ: 1632, 1634, 1938, 1944, 2638 L, LS, LK, OF-1722, OH 1628, Plataforma O 400 RSD, Plataforma O 400 SRE. VOLKSWAGEN: 18.310 Titan Tractor.

MOTOR DE PARTIDA */ STARTER:*

CUMMINS: 3908594. DELCO REMY: 10478814, 10478819, 10479196, 10479302, 1993901, 1993902, 1993903, 1993905, 1993909, 1993910, 1993911, 1993914, 1993926, 1993972

SUBSTITUI */ REPLACE:*

BOSCH: 1.987.BE2.007. DELCO REMY: 1115675, 1115677.



ZM 2-360 24v

APLICAÇÃO */ USED ON:*

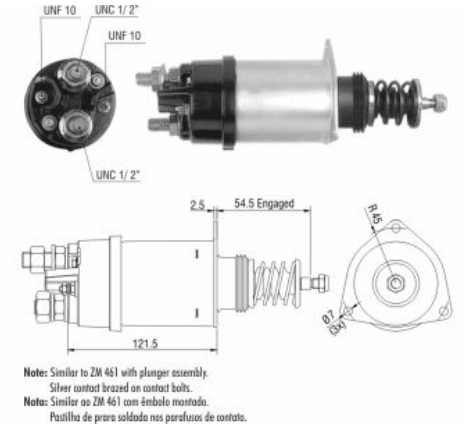
CATERPILLAR: Engines, Excavator 320, Excavator 322 L, Excavator 325 L, Excavator 325 LN, Excavator EL240B, Tool Carrier IT12B. DELCO REMY: 37MT Starter Motor Series, Motores de partida 37MT.

MOTOR DE PARTIDA */ STARTER:*

DELCO REMY: 10478811, 10478819, 10478960, 10478976, 10479020, 1115676, 1993917, 1993918, 1993920, 1993921, 1993930, 1993953, 1993954, 1993955, 1993986

SUBSTITUI */ REPLACE:*

DELCO REMY: 1115622, 1115627, 1115674, D916A, D921A.



Note: Similar to ZM 461 with plunger assembly.
Silver contact brazed on contact bolts.
Nota: Similar ao ZM 461 com êmbolo montado.
Pastilha de prata soldada nos parafusos de contato.

ZM 361 — 24v — CAP ZM 458.96

APLICAÇÃO */ USED ON:*

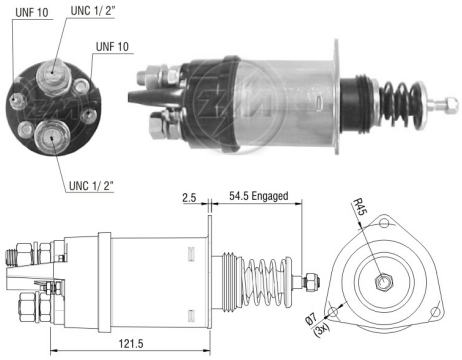
CASE: 180. CATERPILLAR: 1670, 1673, 16G, 245, 3406, 3408, 3412, 3508, 3512, 3516, 621B, 621E, 623B, 623E, 776, 776B, 777, 777B, 824, 824C, 825C, 826C, 910, 916, 926, 926E, 980C, 980F, 983B, D8N, IT 14B. CLARK: 110, 110III, 110III-H, 180III, 210I, 210III, 210III-H, 280, 280III, 280IIIA. CUMMINS: Ingersoll Rand DD 6-110, Ingersoll Rand R-900, NT 855, NT 855A, NTA 855, Série 14.0L, Série 6C 8.3 litros, Série 855 10.0L, Série L10, Série L10.0, Série L14, Série V 9.1 litros. DELCO REMY: 41MT Starter Motor Series, 42MT Starter Motor Series, Motores de partida 41MT, Motores de partida 42MT. FIATALLIS: FW 160, 170, 200. 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.

MOTOR DE PARTIDA */ STARTER:*

CATERPILLAR: 2071556. DELCO REMY: 10478820, 10478839, 10478898, 10478980, 10478981, 10478986, 10478989, 10478990, 10478996, 10478998, 10479012, 10479022, 10479067, 10479164, 1990343, 1990344, 1990350, 1990357, 1990359, 1990360, 1990361, 1990364, 1990366, 1990367, 1990368, 1990371, 1990373, 1990378, 1990382, 1990383, 1990388, 1990389, 1990413, 1990415, 1990418, 1990422, 1990432, 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, 1993987, 1993991, 1993993

SUBSTITUI */ REPLACE:*

BOSCH: F.042.010.597. DELCO REMY: 10511219, 1115667, 1115668, 1115673.



Note: Jump-start protection cap.
Silver contact brezed on contact bolts.
Nota: Barreira de proteção entre os bornes.
Pastilha de prata soldada nos parafusos de contato.

ZM 362 — 24v — CAP ZM 6-461.96

APLICAÇÃO */ USED ON:*

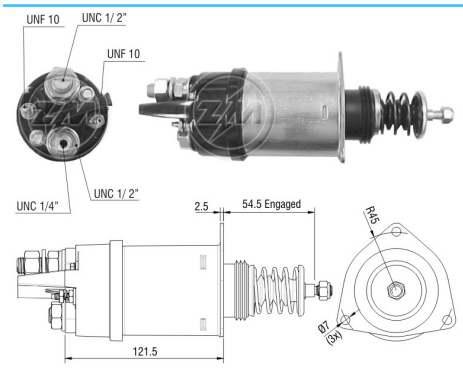
CASE: 180. CATERPILLAR: 1670, 1673, 16G, 245, 3406, 3408, 3412, 3508, 3512, 3516, 621B, 621E, 623B, 623E, 776, 776B, 777, 777B, 824, 824C, 825C, 826C, 910, 916, 926, 926E, 980C, 980F, 983B, D8N, IT 14B. CLARK: 110, 110III, 110III-H, 180III, 210I, 210III, 210III-H, 280, 280III, 280IIIA. CUMMINS: Ingersoll Rand DD 6-110, Ingersoll Rand R-900, NT 855, NT 855A, NTA 855, Série 14.0L, Série 6C 8.3 litros, Série 855 10.0L, Série L10, Série L10.0, Série L14, Série V 9.1 litros. DELCO REMY: 42MT Starter Motor Series, Motores de partida 42MT. FIATALLIS: FW 160, 170, 200. 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.

MOTOR DE PARTIDA */ STARTER:*

DELCO REMY: 10461025, 10461030, 10461035, 10461187, 10461222, 10461357, 10461358, 10461359, 10461360, 10461361, 10461365, 10461396, 10461397, 10461410, 10461412, 10461413, 10478947, 10478952, 10478988, 10479008, 10479011, 10479012, 10479053, 10479097, 10479100, 10479119, 10479120, 10479136, 10479149, 10479168, 10479202, 10479220, 10479223, 10479245, 10479291, 10479303, 10479308, 1993804, 1993810, 1993812, 1993842, 1993933, 1993936, 1993940, 1993941, 1993944, 1993945, 8300050

SUBSTITUI */ REPLACE:*

DELCO REMY: 1115657.



Note: Jump-start protection cap.
Silver contact brezed on contact bolts.
Nota: Barreira de proteção entre os bornes.
Pastilha de prata soldada nos parafusos de contato.

ZM 1-362 — 24v — CAP ZM 1-362.96

APLICAÇÃO */ USED ON:*

ATLAS COPCO: XAMS355. CATERPILLAR: Carregadeira 938F, Excavator 322 L. DELCO REMY: 41MT Starter Motor Series, 42MT Starter Motor Series, Motores de partida 41MT, Motores de partida 42MT. MERCEDES-BENZ: 1632, 1634, 1938, 1944, 2638 L, LS, LK, OF-1722, OH 1628, Plataforma O 400 RSD, Plataforma O 400 SRE.

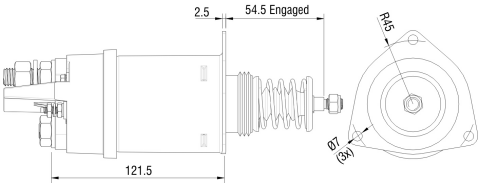
MOTOR DE PARTIDA */ STARTER:*

CATERPILLAR: 1438434, 9X9995, 9Y1945. DELCO REMY: 10478961, 10478969, 10479013, 10479172, 10479292, 10479310

SUBSTITUI */ REPLACE:*

DELCO REMY: 1115682.



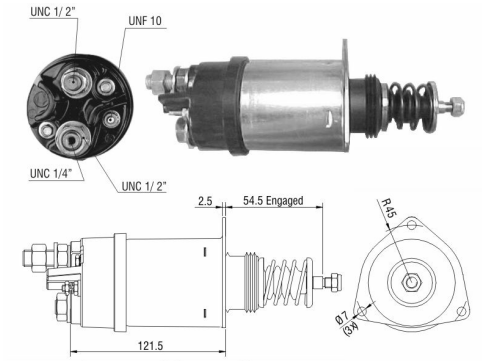


ZM 2-362 — 24v — CAP ZM 1-362.96

APLICAÇÃO */ USED ON:*
CATERPILLAR: 3412. DELCO REMY: 41MT Starter Motor Series, 42MT Starter Motor Series.

MOTOR DE PARTIDA */ STARTER:*
CATERPILLAR: 10R0397, 2071516. DELCO REMY: 10478937, 10478943, 10479009, 10479010, 10479178

SUBSTITUI */ REPLACE:*
DELCO REMY: 10517672, 10529387, 1115663, 1115683.



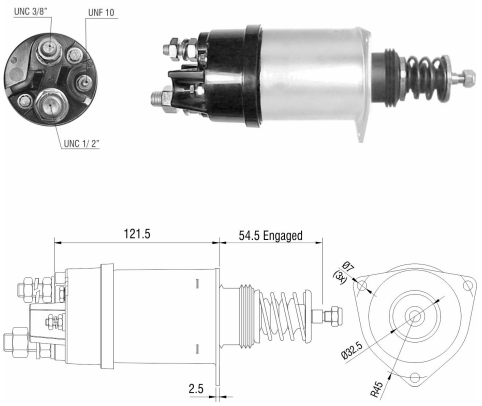
Note: Similar to ZM 465 with plunger assembly.
Nota: Similar ao ZM 465 com êmbolo montado.

ZM 365 — 12v — CAP ZM 452.96

APLICAÇÃO */ USED ON:*
CATERPILLAR: Colheitadeira MT 875. DELCO REMY: 41MT Starter Motor Series, Motores de partida 41MT. MASSEY FERGUSON: Trator.

MOTOR DE PARTIDA */ STARTER:*
DELCO REMY: 10478812, 10478818, 10479165

SUBSTITUI */ REPLACE:*
DELCO REMY: 10501216, 1115698, 1115702, 1115705.

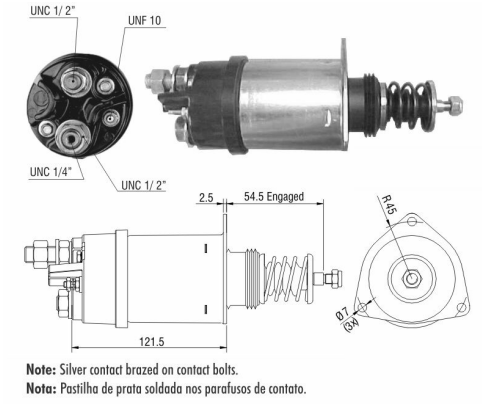


ZM 366 — 12v — CAP ZM 453.96

APLICAÇÃO */ USED ON:*
DELCO REMY: 37MT Starter Motor Series, Motores de partida 37MT. GM-CHEVROLET: Heavy-Duty Trucks C6500, Heavy-Duty Trucks C7500, Medium Trucks C6500, Medium Trucks C7500.

MOTOR DE PARTIDA */ STARTER:*
DELCO REMY: 1990347

SUBSTITUI */ REPLACE:*
DELCO REMY: 1115596. FORD: E6HZ-11390-A.



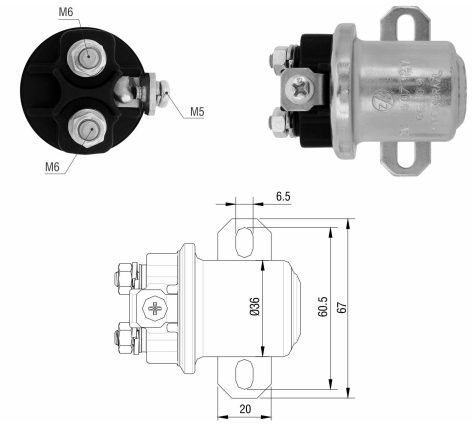
Note: Silver contact brazed on contact bolts.
Nota: Pastilha de prata soldada nos parafusos de contato.

ZM 369 — 24v — CAP ZM 460.96

APLICAÇÃO */ USED ON:*
DELCO REMY: 41MT Starter Motor Series, Motores de partida 41MT. MERCEDES-BENZ: 1632, 1634, 1938, 1944, 2638 L, LS, LK, OF-1722, OH 1628, Plataforma O 400 RSD, Plataforma O 400 SRE.

MOTOR DE PARTIDA */ STARTER:*
DELCO REMY: 10479292, 10479310

SUBSTITUI */ REPLACE:*
BOSCH: 1.987.BE2.018. DELCO REMY: 10512637, 1115672, 1115678.

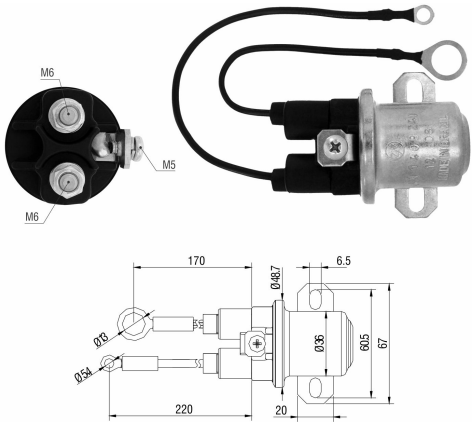


ZM 407 12v

APLICAÇÃO / *USED ON:*
CASE: Trator Magnum. CUMMINS: Equipamentos. DELCO REMY: 38MT Starter Motor Series, Motores de partida 38MT. FORD: 7000, 8000, 9000, F 800, F 900, F-600, F-700, L 6000. FREIGHTLINER: FL 60, FL 70, FL 80, M2 Business Class. PETERBILT: Truck. STERLING: Acterra, L Line.

MOTOR DE PARTIDA / *STARTER:*
DELCO REMY: 19026027, 19026028, 19026029, 19026031, 19026035, 8200005, 8200007, 8200023, 8200025, 8200075, 8200076, 8300005, 8300021, 8300022, 8300026

SUBSTITUI / *REPLACE:*
DELCO REMY: 10512096.

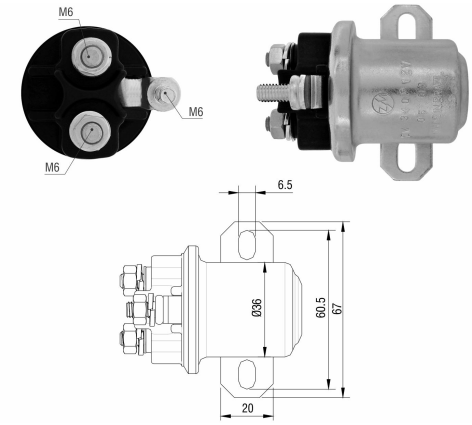


ZM 1-407 12v

APLICAÇÃO / *USED ON:*
CASE: Trator Magnum. CUMMINS: Equipamentos. DELCO REMY: 38MT Starter Motor Series, Motores de partida 38MT. FORD: 7000, 8000, 9000, F 800, F 900, F-600, F-700, L 6000. FREIGHTLINER: FL 60, FL 70, FL 80, M2 Business Class. PETERBILT: Truck. STERLING: Acterra, L Line.

MOTOR DE PARTIDA / *STARTER:*
DELCO REMY: 19026027, 19026028, 19026029, 19026031, 19026035, 8200005, 8200007, 8200023, 8200025, 8200075, 8200076, 8300005, 8300021, 8300022, 8300026

SUBSTITUI / *REPLACE:*
DELCO REMY: 10512096.

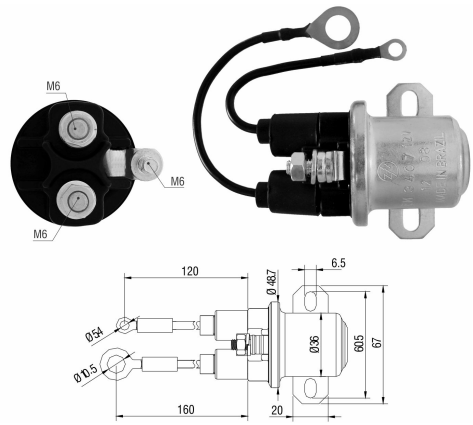


ZM 2-407 12v

APLICAÇÃO / *USED ON:*
DELCO REMY: 29MT Starter Motor Series, Motores de partida 29MT. FORD: F 650, F-750. FREIGHTLINER: Truck. INTERNATIONAL: 3000, 4000, BE, CE, DuraStar, Heavy Duty Truck 1652, Heavy Duty Truck 3900 Series Bus, 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, TerraStar. MERCEDES-BENZ: 1418, 1720, 710, 712, LO-712, LO-812, LO-814.

MOTOR DE PARTIDA / *STARTER:*
DELCO REMY: 10479646, 10479651, 8200003, 8200013, 8200063, 8200103, 8200295, 8200972. MERCEDES-BENZ: A00 115 287

SUBSTITUI / *REPLACE:*
DELCO REMY: 10515812, 10515872, 10524149.



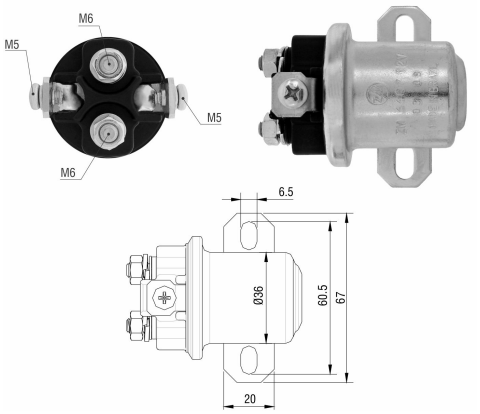
ZM 3-407 12v

APLICAÇÃO / *USED ON:*
DELCO REMY: 29MT Starter Motor Series, Motores de partida 29MT. FORD: Caminhão, Cargo, F 650, F-750. FREIGHTLINER: Truck. INTERNATIONAL: 3000, 4000, BE, CE, DuraStar, Heavy Duty Truck 1652, Heavy Duty Truck 3900 Series Bus, 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, TerraStar. MERCEDES-BENZ: 1418, 1720, 710, 712, L-1620, LO-712, LO-812, LO-814.

MOTOR DE PARTIDA / *STARTER:*
DELCO REMY: 10461764, 10479646, 10479651, 19011404, 19011407, 8200003, 8200013, 8200063, 8200103, 8200196, 8200295, 8200326, 8200331, 8200478, 8200495, 8200972. FORD: 7C45-11001-AB. MERCEDES-BENZ: A00 115 287

SUBSTITUI / *REPLACE:*
DELCO REMY: 10510393, 10515812, 10515872, 10524149.

Referência DELCO REMY
DELCO REMY Reference

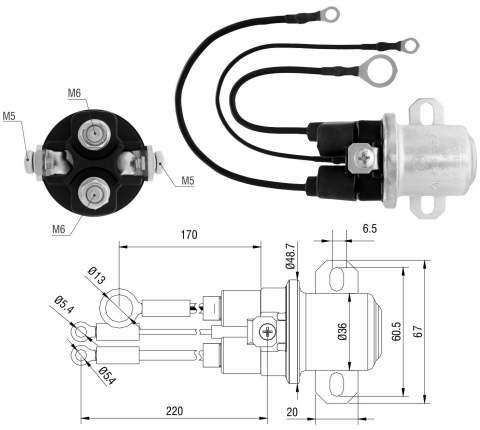


ZM 4-407 12v

APLICAÇÃO */ USED ON:*
DELCO REMY: 39MT Starter Motor Series, Motores de partida 39MT.

MOTOR DE PARTIDA */ STARTER:*
DELCO REMY: 10461334, 10461753, 10461755, 10461757, 10461760, 10461773, 10461777, 19011500, 19011505, 19011506, 19011508, 19011510, 19011513, 19011514, 19011515, 19011516, 19011517, 19011518, 19011519, 19011521, 19011525, 19011526, 19011530, 19011531, 19511530, 8200037, 8200050, 8200058, 8200081, 8200082, 8200084, 8200087, 8200090, 8200091, 8200104, 8200186, 8200218, 8200219, 8200287, 8200288, 8200289, 8200290, 8200291, 8200360, 8300007, 8300008, 8300013, 8300015, 8300019, 8300290

SUBSTITUI */ REPLACE:*
DELCO REMY: 10511368, 10511414.

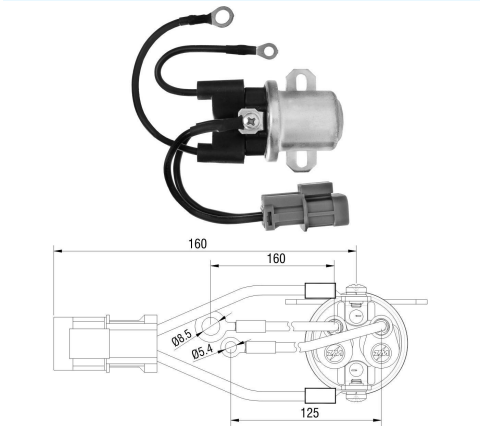


ZM 5-407 12v

APLICAÇÃO */ USED ON:*
DELCO REMY: 39MT Starter Motor Series, Motores de partida 39MT.

MOTOR DE PARTIDA */ STARTER:*
DELCO REMY: 10461334, 10461753, 10461755, 10461757, 10461760, 10461773, 10461777, 19011500, 19011505, 19011506, 19011508, 19011510, 19011513, 19011514, 19011515, 19011516, 19011517, 19011518, 19011519, 19011521, 19011525, 19011526, 19011529, 19011530, 19011531, 19511530, 8200007, 8200037, 8200050, 8200058, 8200081, 8200082, 8200084, 8200087, 8200090, 8200091, 8200104, 8200186, 8200218, 8200219, 8200287, 8200288, 8200289, 8200290, 8200291, 8200360, 8300008, 8300013, 8300015, 8300019, 8300290

SUBSTITUI */ REPLACE:*
DELCO REMY: 10511368, 10511414.

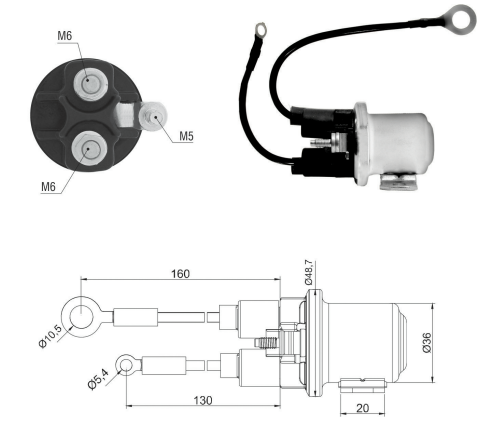


ZM 6-407 12v

APLICAÇÃO */ USED ON:*
MITSUBISHI: Fuso, OSGR Starters motor Series.

MOTOR DE PARTIDA */ STARTER:*
MITSUBISHI: M3T67283, ME015112

SUBSTITUI */ REPLACE:*

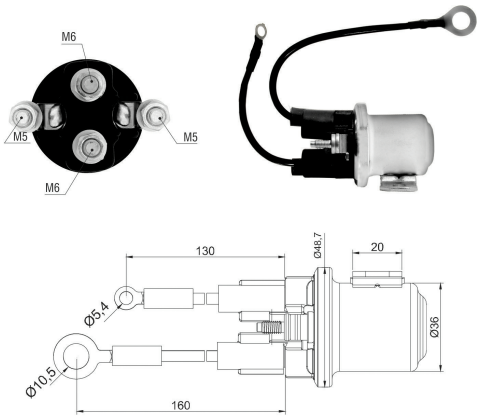


ZM 1-408 24v

APLICAÇÃO */ USED ON:*
RENAULT TRUCKS: Kerax, Premium, VI. VOLKSWAGEN: 13.180, 15.180, 17.210, 17.240, 17.260, 26.260, 31.260, Constellation 24.280. VOLVO: 9700, 9900, Caminhões, FH, FM.

MOTOR DE PARTIDA */ STARTER:*
MITSUBISHI: M9T62572ZA. ZM: 80.890.03, 8089003

SUBSTITUI */ REPLACE:*
MITSUBISHI: U001T32974.

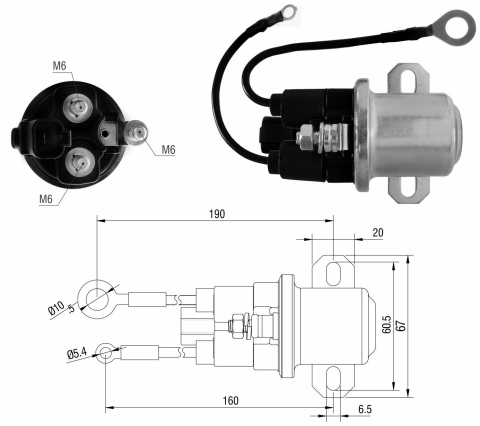


ZM 2-408 24v

APLICAÇÃO */ USED ON:*
VOLVO: 240, VM 210.

MOTOR DE PARTIDA */ STARTER:*
MITSUBISHI: M009T62671, M9T62671. VOLVO: 21164603, 85000749

SUBSTITUI */ REPLACE:*
MITSUBISHI: U001T....

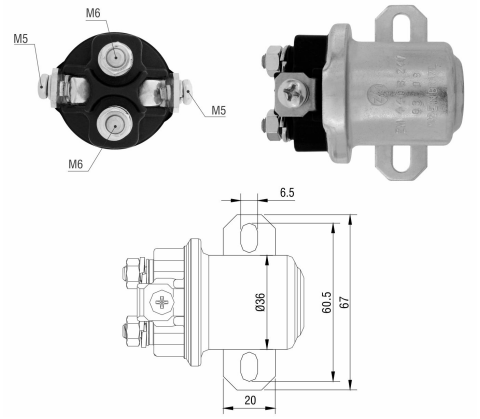


ZM 3-408 24v

APLICAÇÃO */ USED ON:*
VOLVO: B 12, FH, FH12, FM, FM 12, FM 12H.

MOTOR DE PARTIDA */ STARTER:*
MITSUBISHI: M009T61171, M009T61171AM, M9T61171, M9T61171AM. VOLVO: 20430564, 20431073, 20572417, 85000087, 85000746

SUBSTITUI */ REPLACE:*
MITSUBISHI: U001T36972. VOLVO: 85000087.

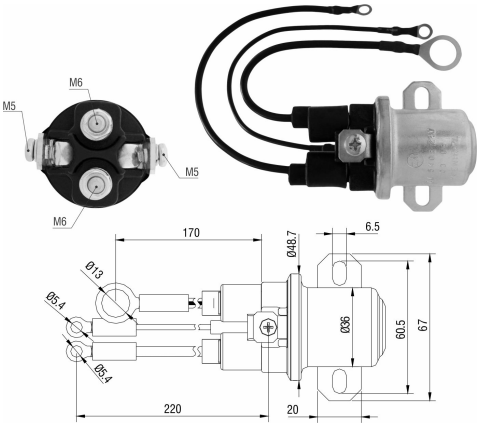


ZM 4-408 24v

APLICAÇÃO */ USED ON:*
CASE: Colheitadeira de Cana, Grader. DELCO REMY: 39MT Starter Motor Series, Motores de partida 39MT. FIATALLIS: Grader, Trator de Esteira. TEREX: Empilhadeira, Lift.

MOTOR DE PARTIDA */ STARTER:*
CASE: 75264239. DELCO REMY: 19011507, 19011509, 19011511, 19011522, 19011523, 19011524, 19011527, 8200034, 8200039, 8200040, 8200041, 8200101

SUBSTITUI */ REPLACE:*
DELCO REMY: 10511369, 10511415.

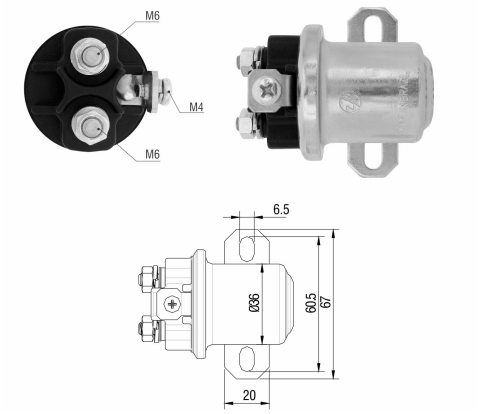


ZM 5-408 24v

APLICAÇÃO */ USED ON:*
CASE: Colheitadeira de Cana, Grader. DELCO REMY: 39MT Starter Motor Series, Motores de partida 39MT. FIATALLIS: Grader, Trator de Esteira. TEREX: Empilhadeira, Lift.

MOTOR DE PARTIDA */ STARTER:*
CASE: 75264239. DELCO REMY: 19011507, 19011509, 19011511, 19011522, 19011523, 19011524, 19011527, 8200034, 8200039, 8200040, 8200041, 8200101

SUBSTITUI */ REPLACE:*
DELCO REMY: 10511369, 10511415.

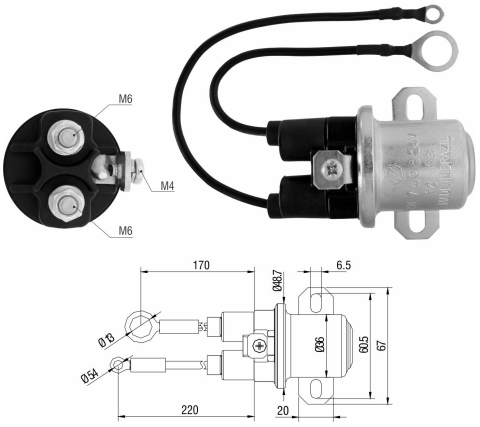


ZM 6-408 24v

APLICAÇÃO / *USED ON:*
DELCO REMY: 37MT Starter Motor Series, 41MT Starter Motor Series, Motores de partida 37MT, Motores de partida 41MT. MERCEDES-BENZ: 1632, 1634, 1938, 1944, 2638 L, LS, LK, OH 1628.

MOTOR DE PARTIDA / *STARTER:*
DELCO REMY: 10479652. MERCEDES-BENZ: A 0 051 518 501

SUBSTITUI / *REPLACE:*
DELCO REMY: 10512476, 1115659.

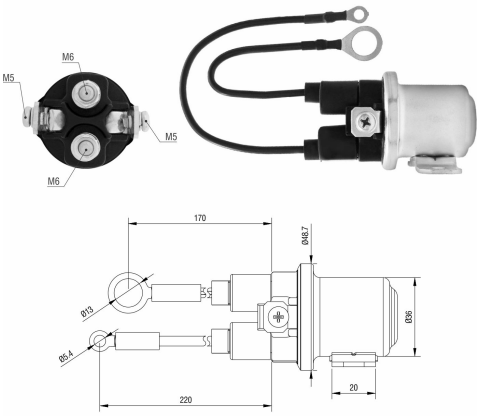


ZM 7-408 24v

APLICAÇÃO / *USED ON:*
DELCO REMY: 37MT Starter Motor Series, 41MT Starter Motor Series, Motores de partida 37MT, Motores de partida 41MT. MERCEDES-BENZ: 1632, 1634, 1938, 1944, 2638 L, LS, LK.

MOTOR DE PARTIDA / *STARTER:*
DELCO REMY: 10479196, 10479292, 10479310

SUBSTITUI / *REPLACE:*
BOSCH: 1.987.BE2.011. DELCO REMY: 10483616, 10512505.

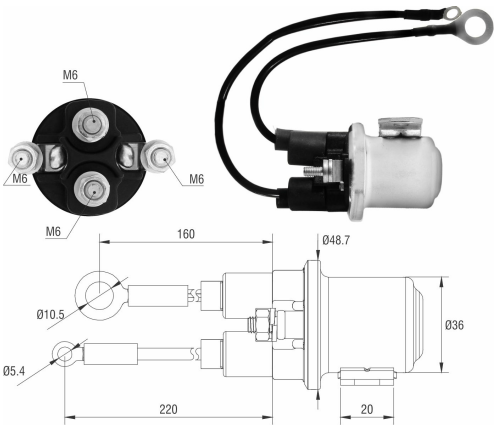


ZM 8-408 24v

APLICAÇÃO / *USED ON:*
VOLVO: 9700, 9900, Caminhões, FH, FM, Truck.

MOTOR DE PARTIDA / *STARTER:*
MITSUBISHI: M009T62173ZA, M9T62173. VOLVO: 20572417

SUBSTITUI / *REPLACE:*

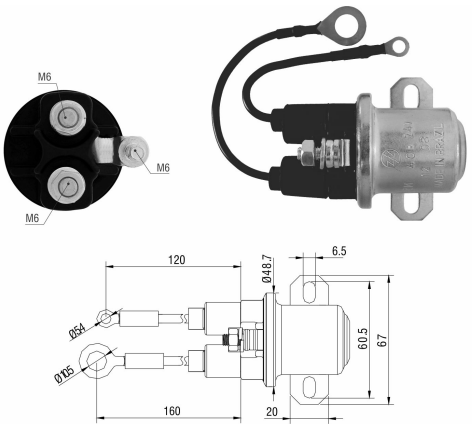


ZM 9-408 24v

APLICAÇÃO / *USED ON:*
VOLVO: Caminhões, Truck.

MOTOR DE PARTIDA / *STARTER:*

SUBSTITUI / *REPLACE:*
MITSUBISHI: U001T46473.



ZM 409 24v

APLICAÇÃO / *USED ON:*

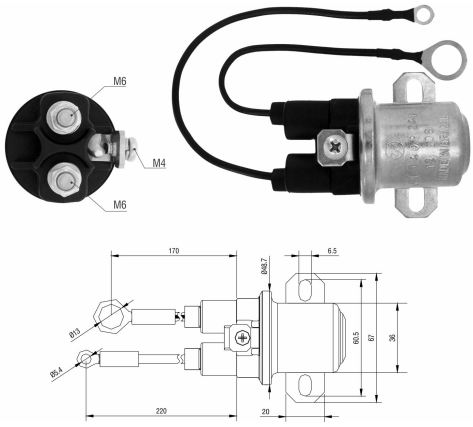
CASE: Grader 845, Grader 845.2, Motoniveladora 845, Motoniveladora 845.2, Pá Carregadeira 521D, W 20, Wheel Loader 521D, Wheel Loader 621D. DELCO REMY: 29MT Starter Motor Series, Motores de partida 29MT. FIATALLIS: Grader FG 140.2, Pá Carregadeira FG 140.2. MERCEDES-BENZ: 1215, 1218, 1418, 1718, 1720, 1725, 2423, 2428, 712, 715, 915, Accelo, OF-1721, OH 1621L, OH-1420, OH-1623. NEW HOLLAND: Grader RG 140.B, Grader RG 170.B, Motoniveladora RG 140.B, Motoniveladora RG 170.B, W130, Wheel Loader W130.

MOTOR DE PARTIDA / *STARTER:*

DELCO REMY: 8200004, 8200054, 8200064, 8200065, 8200138, 8200231, 8200292, 8200296, 8200297, 8200357, 8200386, 8200474, 8200504, 8200512. MERCEDES-BENZ: A 006 151 2101, A 006 151 6701, A 376 151 0301

SUBSTITUI / *REPLACE:*

DELCO REMY: 10514696, 10515814, 10518784.



ZM 1-409 24v

APLICAÇÃO / *USED ON:*

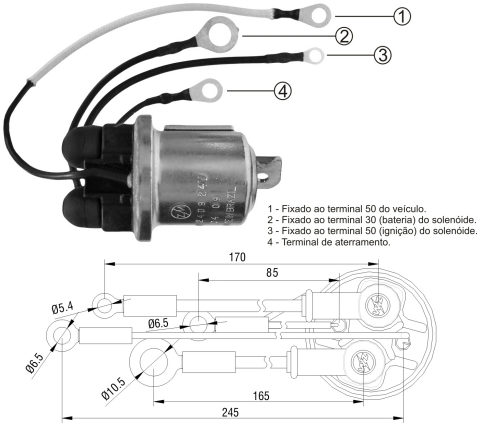
DELCO REMY: 38MT Starter Motor Series, Motores de partida 38MT. FORD: Cargo 2632, Cargo 2932, Cargo 4532, Cargo 5032. VOLKSWAGEN: 17.320E, 18.310 Titan, 18.310 Titan Tractor, 19.360E, 25.320E, 25.370E, 25.400E, Caminhão, Constellation 18.310, Truck. VOLVO: FH12, NH12.

MOTOR DE PARTIDA / *STARTER:*

DELCO REMY: 19026030, 19026032, 8200000, 8200024, 8200053, 8200072. FORD: 6C45-11001-AA. VOLKSWAGEN: 2T0911023-F, 2T0911023F. VOLVO: 11127679, 20430564

SUBSTITUI / *REPLACE:*

DELCO REMY: 10512097.



ZM 2-409 24v

APLICAÇÃO / *USED ON:*

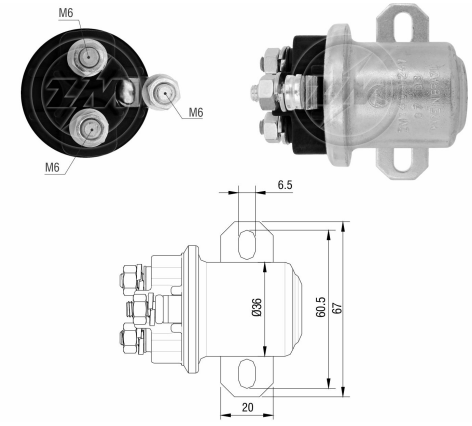
DELCO REMY: 28MT Starter Motor Series, Motores de partida 28MT. MERCEDES-BENZ: 1215, 1218, 1418, 1718, 1725, 2423, 2428, 712, 715, 914, 915, LO-914, O 500 M, O 500 U, OF-1417.

MOTOR DE PARTIDA / *STARTER:*

DELCO REMY: 10479650. MERCEDES-BENZ: A 0 051 517 601

SUBSTITUI / *REPLACE:*

BOSCH: 1.987.BE2.012. DELCO REMY: 10457366. MERCEDES-BENZ: 001 152 44 10.



ZM 3-409 24v

APLICAÇÃO / *USED ON:*

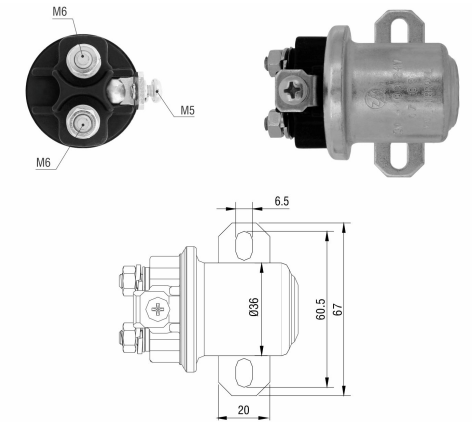
CASE: Grader 845, Grader 845.2, Motoniveladora 845, Motoniveladora 845.2, Pá Carregadeira 521D, W 20, Wheel Loader 521D, Wheel Loader 621D. DELCO REMY: 29MT Starter Motor Series, Motores de partida 29MT. FIATALLIS: Grader FG 140.2, Pá Carregadeira FG 140.2. MERCEDES-BENZ: 1215, 1218, 1418, 1718, 1720, 1725, 2423, 2428, 712, 715, 915, Accelo, OF-1721, OH 1621L, OH-1420, OH-1623. NEW HOLLAND: Grader RG 140.B, Grader RG 170.B, Motoniveladora RG 140.B, Motoniveladora RG 170.B, W130, Wheel Loader W130.

MOTOR DE PARTIDA / *STARTER:*

DELCO REMY: 8200004, 8200054, 8200064, 8200065, 8200138, 8200296, 8200297, 8200504. MERCEDES-BENZ: A 006 151 6701, A 376 151 0301

SUBSTITUI / *REPLACE:*

DELCO REMY: 10514696, 10515814, 10518784, 10546288.

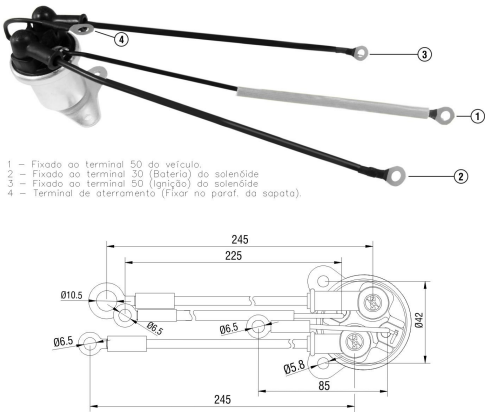


ZM 4-409 24v

APLICAÇÃO */ USED ON:*
DELCO REMY: 38MT Starter Motor Series, Motores de partida 38MT. FORD: Cargo 2632, Cargo 2932, Cargo 4532, Cargo 5032. VOLVO: FH12, NH12.

MOTOR DE PARTIDA */ STARTER:*
DELCO REMY: 19026030, 19026032, 8200000, 8200024, 8200072. FORD: 6C45-11001-AA. VOLVO: 11127679, 20430564

SUBSTITUI */ REPLACE:*
DELCO REMY: 10512097.

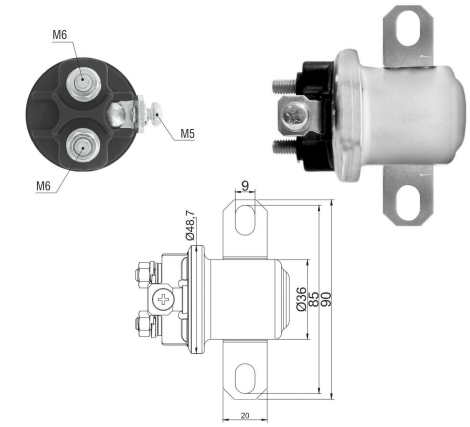


ZM 5-409 24v

APLICAÇÃO */ USED ON:*
MERCEDES-BENZ: 1215, 2423, 712, 914, 915, Atego, L 1622, L-1218, L-1418, L-1618, O 500 M, O 500 R, O 500 U.

MOTOR DE PARTIDA */ STARTER:*
ZM: 8013004

SUBSTITUI */ REPLACE:*

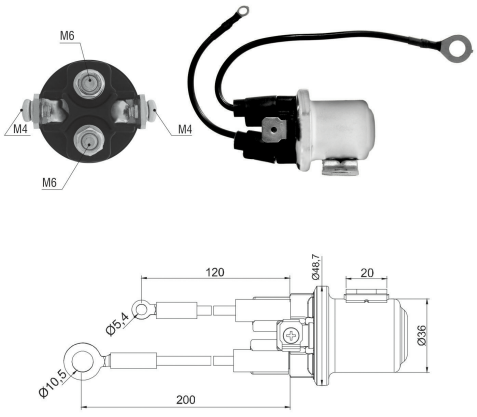


ZM 427 12v

APLICAÇÃO */ USED ON:*
ASHOK LAYLAND: for truck Grid Heater. FORD: Para Grid Heater de caminhões Cargo. FREIGHTLINER: for truck Grid Heater. STERLING: for truck Grid Heater. VOLKSWAGEN: Bus, for truck Grid Heater, para Grid Heater de caminhões.

MOTOR DE PARTIDA */ STARTER:*

SUBSTITUI */ REPLACE:*
DELCO REMY: 10519748. VOLKSWAGEN: E2RK911251, E2RK9911251.

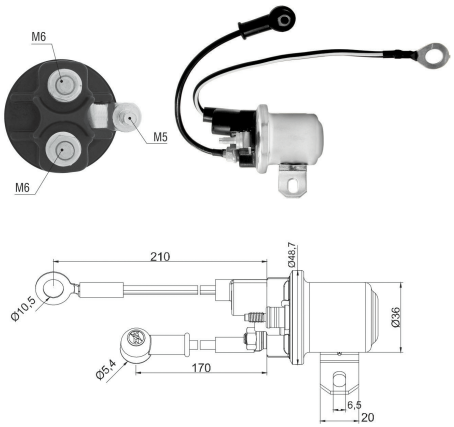


ZM 428 24v

APLICAÇÃO */ USED ON:*
RENAULT TRUCKS: Kerax, Premium, VI. VOLKSWAGEN: 13.180, 15.180, 17.210, 17.240, 17.260, 26.260, 31.260, Constellation 24.280. VOLVO: 9700, 9900, Caminhões, FH, FM.

MOTOR DE PARTIDA */ STARTER:*
MAN: 51.26201-7236. MITSUBISHI: 20430564, 2S0911023A, 2S0911023A, M008T62671, M8T60671, M8T62671, ME152487. RENAULT: 5010306533, 5010306777, 5010306910, 5830000632. VOLKSWAGEN: 2S0911023.A, 2S0911023A, 2T2-911-023-B, 2T2911023B, 51.26201-7236. VOLVO: 20430564, 20891242, 85000087, 85000677

SUBSTITUI */ REPLACE:*
MITSUBISHI: U001T37575.

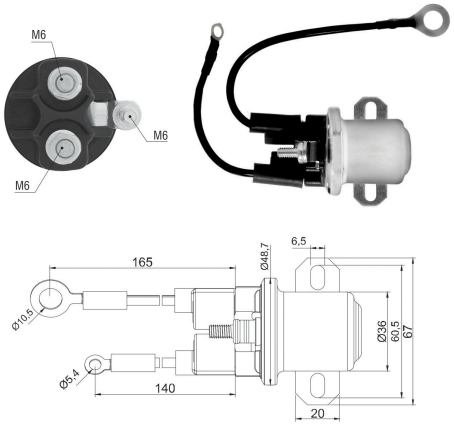


ZM 1-428 24v

APLICAÇÃO / *USED ON:*
FIAT-IVECO: Iveco.

MOTOR DE PARTIDA / *STARTER:*
MITSUBISHI: M009T61671, M9T61671. ZM: 80.890.02

SUBSTITUI / *REPLACE:*
MITSUBISHI: U001T42072.

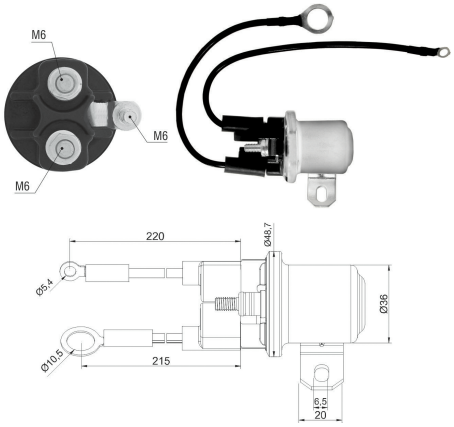


ZM 2-428 24v

APLICAÇÃO / *USED ON:*
VOLVO: FH 16.

MOTOR DE PARTIDA / *STARTER:*
MITSUBISHI: M009T82171, M9T82171. VOLVO: 11127679, 20430564

SUBSTITUI / *REPLACE:*
MITSUBISHI: U001T33372.

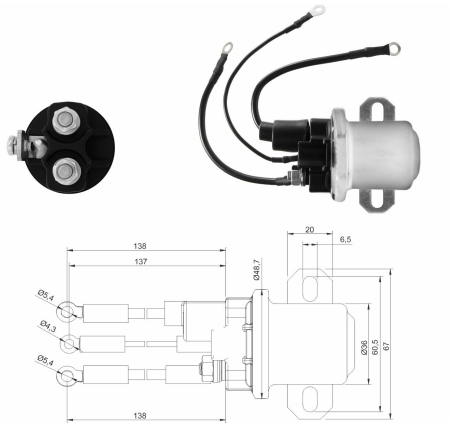


ZM 3-428 24v

APLICAÇÃO / *USED ON:*
MERCEDES-BENZ: 1831, 1835, 1840, 1843, 1848, 1853, 1857, 2031, 2035, 2040, 2053, 2531, 2535, 2540, 2543, 2548, 2553, 2557, 2631, 2635, 2640, 2643, 2648, 2653, 2657, 3235, 3240, 3243, 3331, 3335, 3340, 3343, 3348, 3353, 3357, 4140, 4143, 4148, Actros, Traveg.

MOTOR DE PARTIDA / *STARTER:*
MITSUBISHI: M009T80472, M9T80472

SUBSTITUI / *REPLACE:*

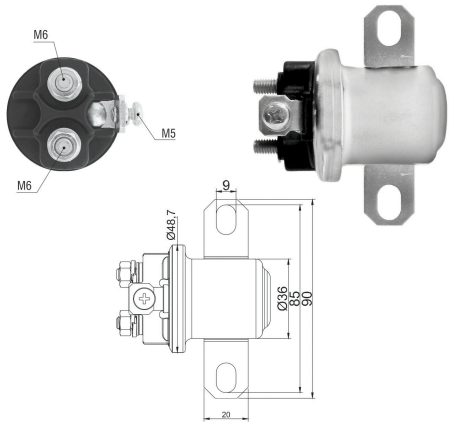


ZM 4-428 24v

APLICAÇÃO / *USED ON:*
SCANIA: Série P, Série R, Série T.

MOTOR DE PARTIDA / *STARTER:*
MITSUBISHI: M009T65971ZA. SCANIA: 2029376 CE21 5826

SUBSTITUI / *REPLACE:*
MITSUBISHI: U001T01372.



ZM 429 24v

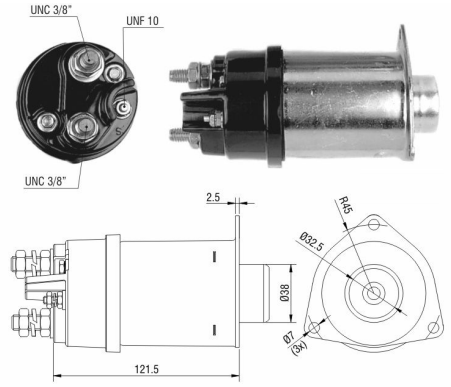
APLICAÇÃO */ USED ON:*

ASHOK LAYLAND: for truck Grid Heater. FORD: Para Grid Heater de caminhões Cargo, Truck. FREIGHTLINER: for truck Grid Heater. STERLING: for truck Grid Heater. VOLKSWAGEN: for truck Grid Heater, para Grid Heater de caminhões.

MOTOR DE PARTIDA */ STARTER:*

SUBSTITUI */ REPLACE:*

DELCO REMY: 10519749. VOLKSWAGEN: ETAR911251.



ZM 450 12v CAP ZM 450.96

APLICAÇÃO */ USED ON:*

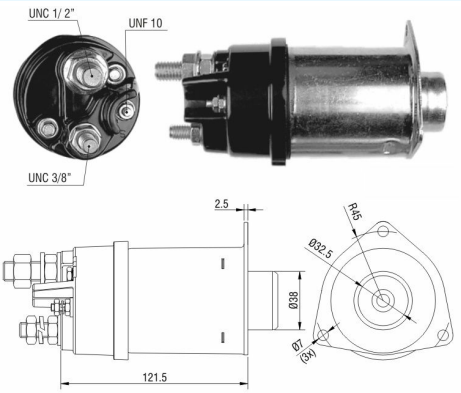
BOBCAT: Skid Steer Loaders. CASE: Tractor Farm 5288, Tractor Farm 7288. CATERPILLAR: Tractor Farm D3B-SA. CUMMINS: Equipamentos. DELCO REMY: 37MT Starter Motor Series, Motores de partida 37MT. INTERNATIONAL: Heavy Duty Truck Cargostar, Medium Truck Cargostar, Tractor Agricultural 3088, Tractor Agricultural 3288, Tractor Agricultural 3688, Tractor Agricultural 5088, Tractor Agricultural 5288, Tractor Agricultural 5488, Tractor Agricultural 6588, Tractor Agricultural Hydro 84. LISTER PETTERS: Tractors HL4 Series, Tractors HL6 Series. PERKINS: Tractor 2-110, Tractor 2-88. WAUKESHA: Waukesha.

MOTOR DE PARTIDA */ STARTER:*

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

SUBSTITUI */ REPLACE:*

BOSCH: F.042.010.581. DELCO REMY: 1115589, 1985280.



ZM 451 12v CAP ZM 451.96

APLICAÇÃO */ USED ON:*

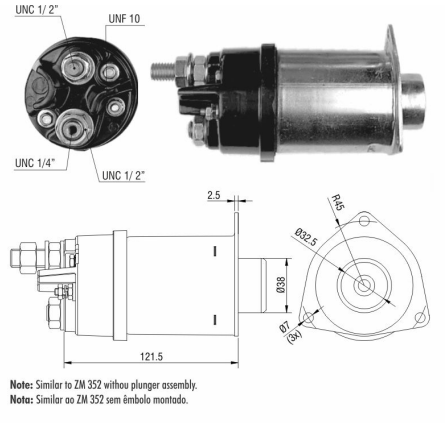
BUICK: Heavy-Duty Trucks C70. CUMMINS: Equipamentos. DELCO REMY: 37MT Starter Motor Series, Motores de partida 37MT. FORD: Heavy-Duty Trucks 600 series, Heavy-Duty Trucks 700 series, Heavy-Duty Trucks 800 series, Medium Trucks 600 series, Medium Trucks 700 series, Medium Trucks 800 series. GM-CHEVROLET: Heavy-Duty Trucks, Heavy-Duty Trucks B6, Heavy-Duty Trucks C60, Heavy-Duty Trucks C6D, Heavy-Duty Trucks C7D, Medium Trucks, Medium Trucks B6, Medium Trucks C60, Medium Trucks C6D, Medium Trucks C70, Medium Trucks C7D, P series, Vans. WAUKESHA: Waukesha.

MOTOR DE PARTIDA */ STARTER:*

DELCO REMY: 1990308, 1990319, 1990341

SUBSTITUI */ REPLACE:*

DELCO REMY: 1115591.



Note: Similar to ZM 352 without plunger assembly.
Nota: Similar ao ZM 352 sem êmbolo montado.

ZM 452 12v

CAP ZM 452.96

APLICAÇÃO */ USED ON:*

CATERPILLAR: 3114, 3116, 3176. DELCO REMY: 37MT Starter Motor Series, Motores de partida 37MT. FORD: Cargo 1622, Cargo 1630, Cargo 2422, Cargo 2425, Cargo 2622, Cargo 2626, Cargo 2630, Cargo 2631, Cargo 3222, Cargo 3240, Heavy-Duty Trucks 600 series, Heavy-Duty Trucks 700 series, Heavy-Duty Trucks 7000 series, Heavy-Duty Trucks 800 series, Heavy-Duty Trucks 8000 series, Heavy-Duty Trucks 900 series, Heavy-Duty Trucks 9000 series, Medium Trucks 600 series, Medium Trucks 700 series, Medium Trucks 7000 series, Medium Trucks 800 series, Medium Trucks 8000 series, Medium Trucks 900 series, Medium Trucks 9000 series. GM-CHEVROLET: Caminhão, Heavy-Duty Trucks B7, Heavy-Duty Trucks C50, Heavy-Duty Trucks C5500, Heavy-Duty Trucks C60, Heavy-Duty Trucks C6500, Heavy-Duty Trucks C7500, Heavy-Duty Trucks C80, Heavy-Duty Trucks C8500, Medium Trucks B7, Medium Trucks C50, Medium Trucks C5500, Medium Trucks C6500, Medium Trucks C70, Medium Trucks C7500, Medium Trucks C80, Medium Trucks C8500. GMC: Heavy-Duty Trucks C6500, Heavy-Duty Trucks C70, Heavy-Duty Trucks C7500, Heavy-Duty Trucks C80, Heavy-Duty Trucks C8500, Medium Trucks C6500, Medium Trucks C70, Medium Trucks C7500, Medium Trucks C80, Medium Trucks C8500. VOLKSWAGEN: 17.220, 17.310, 23.210, 23.220, 23.310, 26.220, 26.260, 26.310.

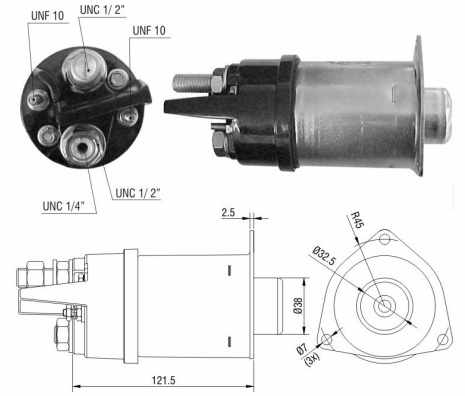
MOTOR DE PARTIDA */ STARTER:*

DELCO REMY: 10478806, 10478831, 10479036, 10479068, 1990309, 1990310, 1990313, 1990315, 1990317, 1990320, 1990498, 1993705, 1993713, 1993736, 1993737, 1993738, 1993754, 1993755, 1993756, 1993759, 1993761, 1993762, 1993763, 1993764, 1993765, 1993768, 1993769, 1993770, 1993778, 1993787, 1993789, 1993794, 1993817, 1993819, 1993832, 1993837, 1993850, 1993853, 1993855, 1993865, 1993871, 1993873, 1993874, 1993878, 1993879, 1993880, 1993881, 1993883, 1993884, 1993885, 1993886, 1993887, 1993898, 1993928, 1993931, 1993950, 1993951, 1993963, 1993964, 1993979, 1993994

SUBSTITUI */ REPLACE:*

BOSCH: F.042.010.585. DELCO REMY: 1115609, D904A. FORD: E7HZ-11390-B. MOTORCRAFT: SW2157.

Continuação da página anterior. */ Continued from last page.*



ZM 2-452 12v

CAP ZM 6-452.96

APLICAÇÃO */ USED ON:*

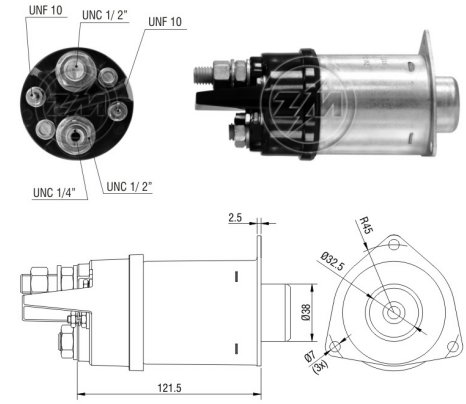
CASE: Cotton Pickers. DELCO REMY: 37MT Starter Motor Series, Motores de partida 37MT. FORD: Tractor. MASSEY FERGUSON: Combines. NEW HOLLAND: Colheitadeira, Tractor.

MOTOR DE PARTIDA */ STARTER:*

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

SUBSTITUI */ REPLACE:*

DELCO REMY: 1115623, D917A.



ZM 3-452 12v

CAP ZM 3-452.96

APLICAÇÃO */ USED ON:*

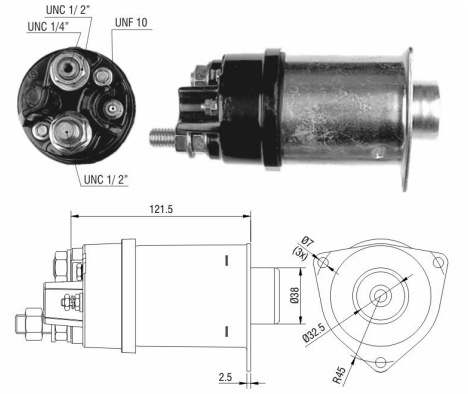
DELCO REMY: 37MT Starter Motor Series, Motores de partida 37MT. MERCEDES-BENZ: 1625, 1630, 1825, 1935, 1941, 2325, O 365, O 370, O 371, O 400R, O 400RS, O 400RSD, O 400RSL, O-355, O-364. VOLKSWAGEN: Caminhão, P100501, P100502.

MOTOR DE PARTIDA */ STARTER:*

DELCO REMY: 10478825, 10478949, 1993965

SUBSTITUI */ REPLACE:*

DELCO REMY: 1115631.



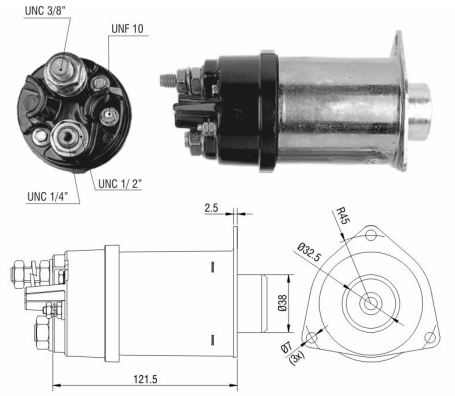
Note: Similar to ZM 353 withou plunger assembly.
Nota: Similar ao ZM 353 sem êmbolo montado.

ZM 453 12v CAP ZM 453.96

APLICAÇÃO */ USED ON:*
DELCO REMY: 37MT Starter Motor Series, Motores de partida 37MT. FORD: Cargo, Heavy-Duty Trucks 600 series, Heavy-Duty Trucks 6000 series, Heavy-Duty Trucks 700 series, Heavy-Duty Trucks 7000 series, Medium Trucks 600 series, Medium Trucks 6000 series, Medium Trucks 700 series, Medium Trucks 7000 series.

MOTOR DE PARTIDA */ STARTER:*
DELCO REMY: 1993767, 1993854

SUBSTITUI */ REPLACE:*
DELCO REMY: 1115610, D905A. FORD: E7HZ-11390-A. MOTORCRAFT: SW2114.

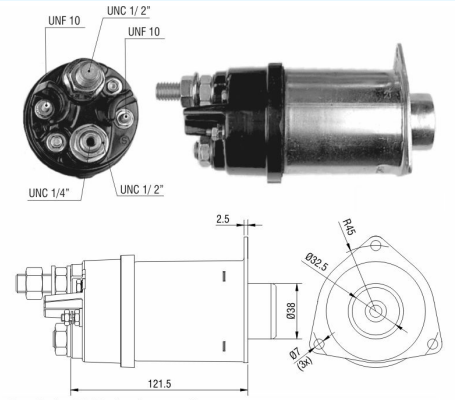


ZM 454 12v CAP ZM 454.96

APLICAÇÃO */ USED ON:*
CASE: Tractor Farm 5488. CATERPILLAR: Track Loader 931B, Track Loader 931C, Track Loader 935B, Track Loader 935C. DELCO REMY: 37MT Starter Motor Series, Motores de partida 37MT.

MOTOR DE PARTIDA */ STARTER:*
DELCO REMY: 1993790, 1993791, 1993792, 1993793, 1993799, 1993818

SUBSTITUI */ REPLACE:*
DELCO REMY: 1115612.



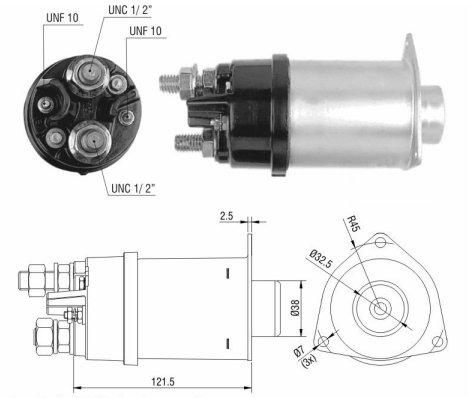
Note: Similar to ZM 355 withou plunger assembly.
Nota: Similar ao ZM 355 sem êmbolo montado.

ZM 455 12v CAP ZM 455.96

APLICAÇÃO */ USED ON:*
DELCO REMY: 37MT Starter Motor Series, Motores de partida 37MT. TEREX: V-30, V-40, V-41, V-50, V-51, V-60.

MOTOR DE PARTIDA */ STARTER:*
DELCO REMY: 10478953, 10479035, 10479069, 1993947, 1993969, 1993970, 1993974, 1993997

SUBSTITUI */ REPLACE:*
DELCO REMY: 1115618, D923A.



Note: Similar to ZM 356 withou plunger assembly.
Nota: Similar ao ZM 356 sem êmbolo montado.

ZM 456 12v

CAP ZM 456.96

APLICAÇÃO */ USED ON:*

CATERPILLAR: 1140 V8, 1145 V8, 1150 V8, 1160 V8, 1670, 1673, 1674, 1676, 3208, 3304, 3306, 3406, 3408, 3412, AH 40, AH 46, AH 52, AH 60, AM 36, AM 40, D 320, Tractor Challenger 65, Tractor Challenger 70, V 160, V 160B, V 180, V 180B, V 200, V 200B, V 225, V 250, V 250B, V 300, V 300B, V 330B. CLARK: 101, 125, 125A, 125B, 125III, 175III, 275, 301, 45C, 501, 55B, 55C, 55IIIA, 7200S, 75B, 75C, 75IV, 75III, 85A, 85CIIIA, 85III, C500. CUMMINS: Série 855, Série L10, Série L14, Série V 8.3 litros, Série V 9.1 litros. DELCO REMY: 42MT Starter Motor Series, Motores de partida 42MT. HYSTER: H-150, H-150E, H-165, H-165E, H-180, H-180E, H-200, H-200E, H-200ES, H-225, H-225E, H-250A, H-250E, H-300, H-360A, H-360AD, H-400A, H-400AD, H-460AD, H-700, H-800A, M-500, M-600, P-125A, P-150A, P-165A, P-180A. INTERNATIONAL: Caminhão. MASSEY FERGUSON: Colheitadeira. PERKINS: Perkins 504, Perkins 510 V8, Perkins 540 V8. TEREX: 81SH, 82SH, 83SH, 84SH, S-11E, TTS-14, TS-14, TS-14B.

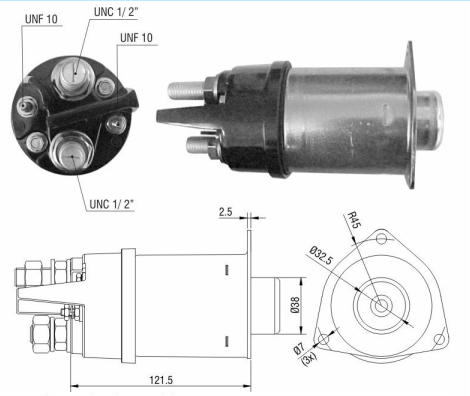
MOTOR DE PARTIDA */ STARTER:*

DELCO REMY: 10478801, 10478802, 10478803, 10478804, 10478810, 10478816, 10478894, 10478895, 10478962, 10478964, 10478966, 10478967, 10478978, 10478983, 10478992, 10478997, 10479000, 10479018, 10479019, 10479021, 10479037, 10479038, 10479062, 10479063, 10479064, 10479065, 1990337, 1990348, 1990349, 1990352, 1990353, 1990354, 1990355, 1990356, 1990358, 1990362, 1990363, 1990365, 1990370, 1990372, 1990375, 1990376, 1990377, 1990379, 1990385, 1990386, 1990387, 1990391, 1990393, 1990394, 1990395, 1990397, 1990398, 1990400, 1990403, 1990404, 1990405, 1990406, 1990408, 1990417, 1990420, 1990421, 1990430, 1990431, 1990438, 1990439, 1990440, 1990441, 1990442, 1990446, 1990449, 1990467, 1990468, 1990469, 1990470, 1990471, 1990475, 1990477, 1990478, 1990483, 1990484, 1990486, 1990487, 1990489, 1990490, 1990492, 1990494, 1990495, 1990496, 1993772, 1993774, 1993775, 1993776, 1993783, 1993785, 1993795, 1993803, 1993806, 1993807, 1993813, 1993816, 1993820, 1993823, 1993849, 1993856, 1993863, 1993925, 1993961, 1993973

SUBSTITUI */ REPLACE:*

BOSCH: F.042.010.584. DELCO REMY: 1115593. FORD: E6HZ-11390-B.

Continuação da página anterior. */ Continued from last page.*



ZM 2-456 12v

CAP ZM 6-456.96

APLICAÇÃO */ USED ON:*

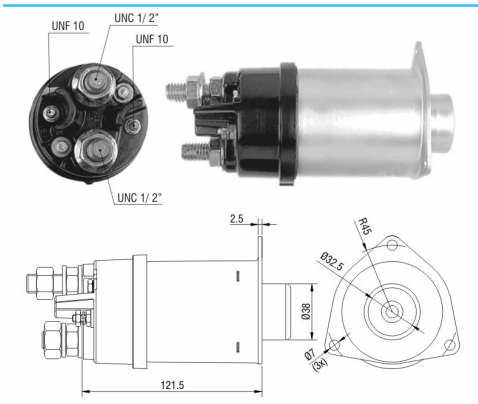
CASE: Tractor. DELCO REMY: 42MT Starter Motor Series, Motores de partida 42MT. FORD: Tractor. JOHN DEERE: Combines, Harvesters, Tractor. NEW HOLLAND: Tractor.

MOTOR DE PARTIDA */ STARTER:*

DELCO REMY: 10478832, 10478833, 10478931, 10478932, 10478933, 10478934, 10478935, 10478936, 10478951, 10478987, 10479004, 10479005, 10479006, 10479007, 10479017, 10479052, 1993934, 1993935, 1993937, 1993938, 1993939, 1993942, 1993943, 1993977, 1993982, 1993983

SUBSTITUI */ REPLACE:*

DELCO REMY: 1115624, D918A.



ZM 457 12v

CAP ZM 457.96

APLICAÇÃO */ USED ON:*

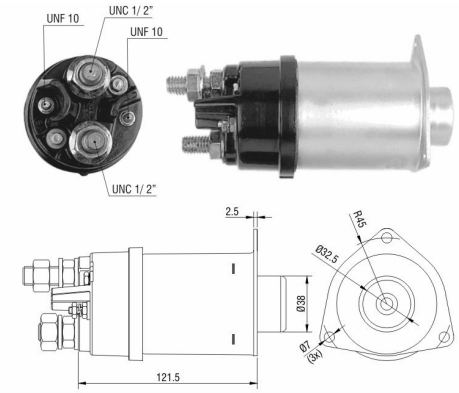
BUICK: Heavy-Duty Trucks C70. CATERPILLAR: 3208, Lift Trucks AH40, Lift Trucks AH46, Lift Trucks AH52, Lift Trucks AH60, Lift Trucks AM36, Lift Trucks AM40. CUMMINS: Equipamentos. DELCO REMY: 42MT Starter Motor Series, Motores de partida 42MT. GM-CHEVROLET: Heavy-Duty Trucks, Heavy-Duty Trucks C60, Heavy-Duty Trucks C6D, Heavy-Duty Trucks C7D, Heavy-Duty Trucks J8C, Heavy-Duty Trucks J9C Bruin, Heavy-Duty Trucks Kodiak, Heavy-Duty Trucks Topkick, Medium Trucks, Medium Trucks C60, Medium Trucks C6D, Medium Trucks C70, Medium Trucks C7D, Medium Trucks J8C, Medium Trucks J9C Bruin, Medium Trucks Kodiak, Medium Trucks Topkick.

MOTOR DE PARTIDA */ STARTER:*

DELCO REMY: 10478918, 10478965, 10478977, 10478984, 10478985, 10478991, 10479003, 1990369, 1990374, 1990380, 1990396, 1990401, 1990407, 1990419, 1990448, 1990450, 1990451, 1990452, 1990458, 1990466, 1990473, 1993782, 1993811, 1993824

SUBSTITUI */ REPLACE:*

DELCO REMY: 1115598.



Note: Silver contact brazed on contact bolts.
Nota: Pastilha de prata soldada nos parafusos de contato.

ZM 458 — 12v — CAP ZM 458.96

APLICAÇÃO */ USED ON:*

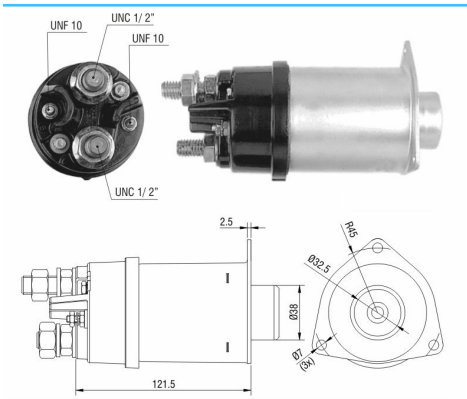
DELCO REMY: 42MT Starter Motor Series, Motores de partida 42MT. FORD: Truck L6000 / 7000 / 8000 / 9000. GMC: Trucks - Medium & Heavy-Duty, Trucks N9E/ N9F Bison.

MOTOR DE PARTIDA */ STARTER:*

DELCO REMY: 10479072, 1990423, 1990424, 1990427, 1990428, 1990429, 1993975

SUBSTITUI */ REPLACE:*

DELCO REMY: 1115602, D900A.



Note: Silver contact brazed on contact bolts.
Nota: Pastilha de prata soldada nos parafusos de contato.

ZM 459 — 24v — CAP ZM 458.96

APLICAÇÃO */ USED ON:*

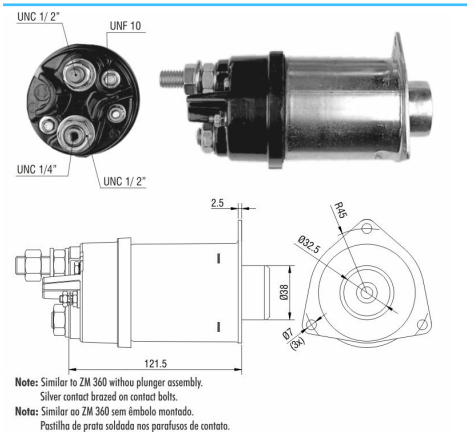
DELCO REMY: 37MT Starter Motor Series, Motores de partida 37MT. DRESSER: Loaders 510B, Loaders 515B, Loaders 515C, Loaders 520, Loaders 520B. LISTER PETTERS: Tractors ST1 Series, Tractors ST2 Series, Tractors ST3 Series, Tractors TL2 Series, Tractors TL3 Series, Tractors TS1 Series, Tractors TS2 Series, Tractors TS3 Series.

MOTOR DE PARTIDA */ STARTER:*

DELCO REMY: 1990330, 1990331, 1990332, 1990499, 1993701, 1993702, 1993707, 1993729, 1993732, 1993741, 1993742, 1993744, 1993771, 1993773, 1993829, 1993831, 1993861, 1993862

SUBSTITUI */ REPLACE:*

BOSCH: F.042.010.582. DELCO REMY: 1115594.



Note: Similar to ZM 360 withou plunger assembly.
Silver contact brazed on contact bolts.
Nota: Similar ao ZM 360 sem êmbolo montado.
Pastilha de prata soldada nos parafusos de contato.

ZM 460 — 24v — CAP ZM 460.96

APLICAÇÃO */ USED ON:*

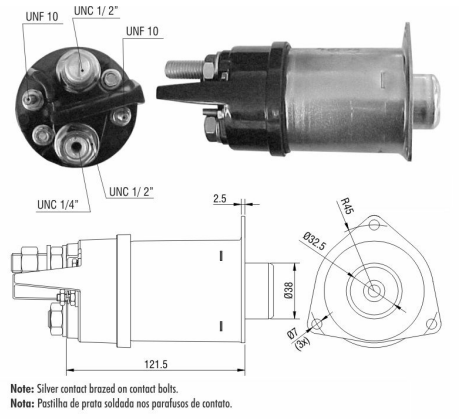
CASE: 1000 D, 1200, 1250, 35 D, 350 C, 475, 600, 680, 750, 780, 780B, 800, 800 Skid King, 825, 850, 880, 880 C, W 10, W 11, W 11B, W 11C, W 14H, W 19, W 8, W 9, W 9B. CATERPILLAR: 3304, 3306, Excavator 320, Excavator 322 L, Excavator 325 L, Excavator 325 LN, Excavator EL240B, Tool Carrier IT12B. DELCO REMY: 37MT Starter Motor Series, Motores de partida 37MT. FIATALLIS: Crawler, Excavator FE-18 8065, Excavator FE-18LC 8065, Excavator FE-18R 8065. JOHN DEERE: Excavator 190E 4039, Excavator 200LC, Excavator 490E 4045, Grader 670C, Grader 672C, Loader 344G. MERCEDES-BENZ: O 371, O 400, OH 1628, OH 1636L, Plataforma O 400 UPA PLE. SAMSUNG: Excavator SE170, Excavator SE210.

MOTOR DE PARTIDA */ STARTER:*

DELCO REMY: 10478814, 10478819, 1993901, 1993902, 1993903, 1993905, 1993909, 1993910, 1993911, 1993914, 1993926, 1993972

SUBSTITUI */ REPLACE:*

BOSCH: F.042.010.583. DELCO REMY: 1115619, 1115621, D915A.



Note: Silver contact brazed on contact bolts.
Nota: Pastilha de prata soldada nos parafusos de contato.

ZM 2-460 — 24v — CAP ZM 6-460.96

APLICAÇÃO */ USED ON:*

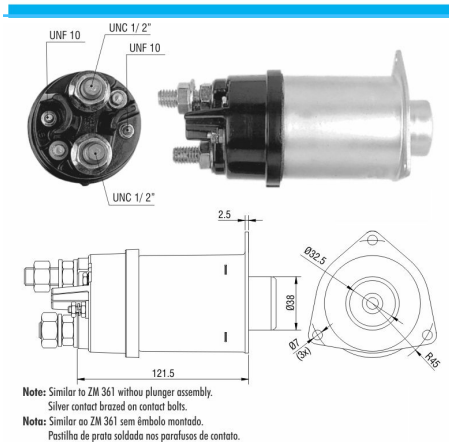
CATERPILLAR: Engines, Excavator 320, Excavator 322 L, Excavator 325 L, Excavator 325 LN, Excavator EL240B, Tool Carrier IT12B. DELCO REMY: 37MT Starter Motor Series, Motores de partida 37MT.

MOTOR DE PARTIDA */ STARTER:*

DELCO REMY: 10478811, 10478819, 10478960, 10478976, 10479020, 1993917, 1993918, 1993920, 1993921, 1993930, 1993953, 1993954, 1993955, 1993986

SUBSTITUI */ REPLACE:*

DELCO REMY: 1115622, 1115627, D916A, D921A.



Note: Similar to ZM 361 withou plunger assembly.
Silver contact brazed on contact bolts.
Nota: Similar ao ZM 361 sem êmbolo montado.
Pastilha de prata soldada nos parafusos de contato.

ZM 461 — 24v — CAP ZM 458.96

APLICAÇÃO */ USED ON:*

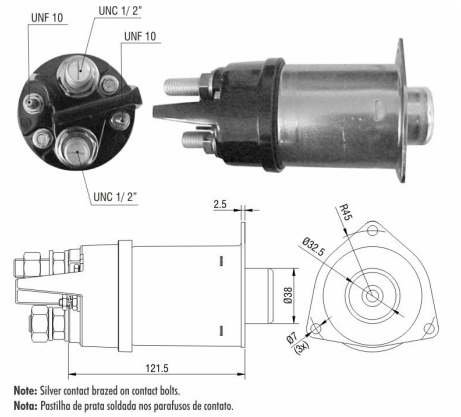
CASE: 180. CATERPILLAR: 1670, 1673, 16G, 245, 3406, 3408, 3412, 3508, 3512, 3516, 621B, 621E, 623B, 623E, 776, 776B, 777, 777B, 824, 824C, 825C, 826C, 910, 916, 926, 926E, 980C, 980F, 983B, D8N, IT 14B. CLARK: 110, 110III, 110III-H, 180III, 210I, 210III, 210III-H, 280, 280III, 280IIIA. CUMMINS: Ingersoll Rand DD 6-110, Série 14.0L, Série 6C 8.3 litros, Série L10, Série L10.0, Série L14, Série V 9.1 litros. DELCO REMY: 42MT Starter Motor Series, Motores de partida 42MT. FIATALLIS: FW 160, 170, 200. 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.

MOTOR DE PARTIDA */ STARTER:*

DELCO 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

SUBSTITUI */ REPLACE:*

BOSCH: F.042.010.595. DELCO REMY: 1115595, 1115601, 1115608.



Note: Silver contact brazed on contact bolts.
Nota: Pastilha de prata soldada nos parafusos de contato.

ZM 2-461 — 24v — CAP ZM 6-461.96

APLICAÇÃO */ USED ON:*

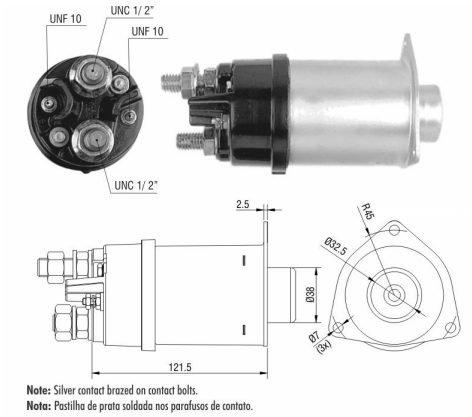
CASE: 180. CATERPILLAR: 1670, 1673, 16G, 245, 3406, 3408, 3412, 3508, 3512, 3516, 621B, 621E, 623B, 623E, 776, 776B, 777, 777B, 824, 824C, 825C, 826C, 910, 916, 926, 926E, 980C, 980F, 983B, D8N, IT 14B. CLARK: 110, 110III, 110III-H, 180III, 210I, 210III, 210III-H, 280, 280III, 280IIIA. CUMMINS: Ingersoll Rand DD 6-110, Ingersoll Rand R-900, NT 855, NT 855A, NTA 855, Série 14.0L, Série 6C 8.3 litros, Série 855 10.0L, Série L10, Série L10.0, Série L14, Série V 9.1 litros. DELCO REMY: 42MT Starter Motor Series, Motores de partida 42MT. FIATALLIS: FW 160, 170, 200. 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.

MOTOR DE PARTIDA */ STARTER:*

DELCO REMY: 10478938, 10478939, 10478940, 10478941, 10478942, 10478943, 10478944, 10478946, 10478947, 10478948, 10478952, 10478988, 10479008, 10479009, 10479010, 10479011, 10479053, 10479168, 1993842, 1993933, 1993936, 1993940, 1993941, 1993944, 1993945, 1993980

SUBSTITUI */ REPLACE:*

DELCO REMY: 1115625, D919A.



Note: Silver contact brazed on contact bolts.
Nota: Pastilha de prata soldada nos parafusos de contato.

ZM 462 — 24v — CAP ZM 462.96

APLICAÇÃO */ USED ON:*

CASE: Excavator 40D DD 4-71, Excavator 980 DD 4-71, Woodland 45R DD 4-71, Woodland 50LC DD 4-71. CATERPILLAR: Compactor 825C, Compactor 826C, Excavator 245, Grader 16G, Scraper 621B, Scraper 623B. DELCO REMY: 42MT Starter Motor Series, Motores de partida 42MT. SAMSUNG: Excavator SE350.

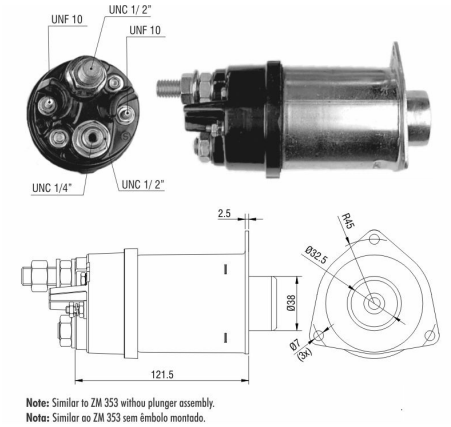
MOTOR DE PARTIDA */ STARTER:*

DELCO REMY: 10478836, 10478892, 10478893, 10478979, 1990381, 1990411, 1990414, 1990416, 1993822, 1993827, 1993996, 1993998, 1993999

SUBSTITUI */ REPLACE:*

DELCO REMY: 1115597, 1115600, D903A.

Referência DELCO REMY
DELCO REMY Reference



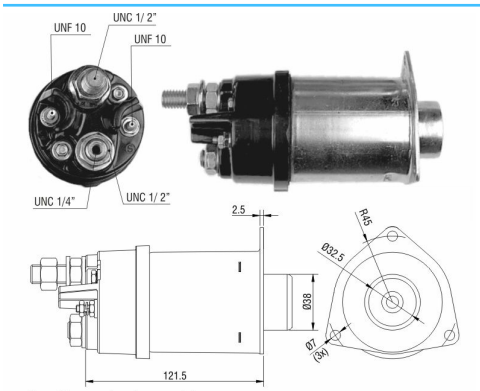
Note: Similar to ZM 353 without plunger assembly.
Nota: Similar ao ZM 353 sem êmbolo montado.

ZM 463 — 12v — CAP ZM 463.96

APLICAÇÃO */ USED ON:*
DELCO REMY: 37MT Starter Motor Series, Motores de partida 37MT. INTERNATIONAL: Heavy Duty Truck 1652, Heavy Duty Truck 1654, Heavy Duty Truck 3000 Series Bus, Heavy Duty Truck 3900 Series Bus, Heavy Duty Truck 4200 Series, Heavy Duty Truck 4600 Series, Heavy Duty Truck 4700 Series, Medium Truck 1652, Medium Truck 1654, Medium Truck 3000 Series, Medium Truck 3900 Series, Medium Truck 4200 Series, Medium Truck 4600 Series, Medium Truck 4700 Series.

MOTOR DE PARTIDA */ STARTER:*
DELCO REMY: 10478890, 10478921

SUBSTITUI */ REPLACE:*
BOSCH: F.042.010.593. DELCO REMY: 1115638, 1115643, D942A.



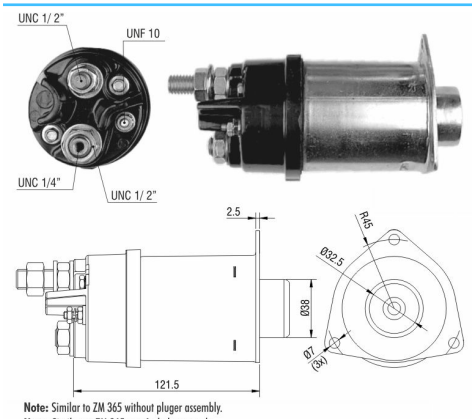
Note: Silver contact brazed on contact bolts
Nota: Pastilha de prata soldada nos parafusos de contato.

ZM 464 — 24v — CAP ZM 464.96

APLICAÇÃO */ USED ON:*
DELCO REMY: 41MT Starter Motor Series, Motores de partida 41MT.

MOTOR DE PARTIDA */ STARTER:*
DELCO REMY: 10478898, 10479024, 10479043, 10479079

SUBSTITUI */ REPLACE:*
BOSCH: F.042.010.596. DELCO REMY: 1115641, D939A.



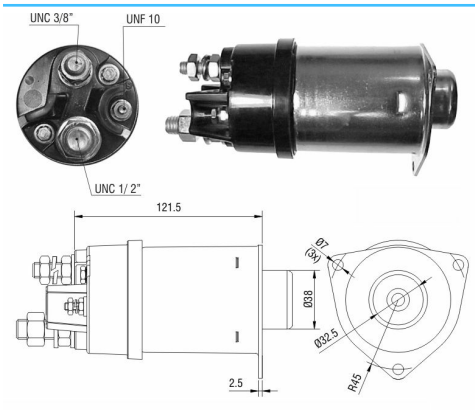
Note: Similar to ZM 365 without pluger assembly.
Nota: Similar ao ZM 365 sem êmbolo montado.

ZM 465 — 12v — CAP ZM 452.96

APLICAÇÃO */ USED ON:*
DELCO REMY: 41MT Starter Motor Series, Motores de partida 41MT. INTERNATIONAL: Heavy Duty Truck 2554 Series, Heavy Duty Truck 2564 Series, Heavy Duty Truck 2574 Series, Heavy Duty Truck 2575 Series, Heavy Duty Truck 2674 Series, Heavy Duty Truck 2675 Series, Heavy Duty Truck 8100 Series, Heavy Duty Truck 8200 Series, Heavy Duty Truck 8300 Series, Medium Truck 2554 Series, Medium Truck 2564 Series, Medium Truck 2574 Series, Medium Truck 2575 Series, Medium Truck 2674 Series, Medium Truck 2675 Series, Medium Truck 8100 Series, Medium Truck 8200 Series, Medium Truck 8300 Series.

MOTOR DE PARTIDA */ STARTER:*
DELCO REMY: 10478812, 10478818, 10478897, 10478999, 10479023, 10479060, 10479061, 10479165, 10479215

SUBSTITUI */ REPLACE:*
DELCO REMY: 1115639.

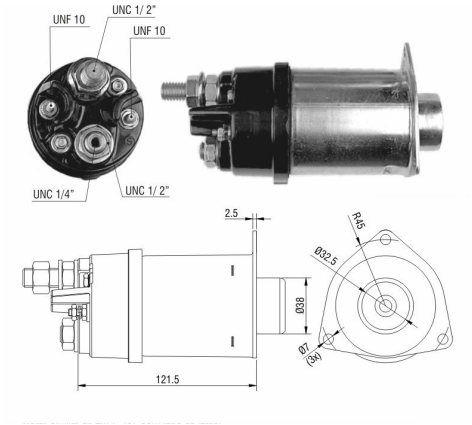


ZM 466 — 12v — CAP ZM 466.96

APLICAÇÃO */ USED ON:*
DELCO REMY: 37MT Starter Motor Series, Motores de partida 37MT. GM-CHEVROLET: Heavy-Duty Trucks C6500, Heavy-Duty Trucks C7500, Medium Trucks C6500, Medium Trucks C7500.

MOTOR DE PARTIDA */ STARTER:*
DELCO REMY: 1990347

SUBSTITUI */ REPLACE:*
DELCO REMY: 1115596. FORD: E6HZ-11390-A.



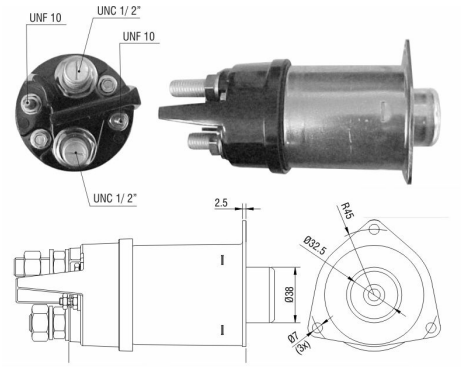
ZM 467 12v

CAP ZM 467.96

APLICAÇÃO */ USED ON:*
DELCO REMY: For Delco 37MT series DD starters.

MOTOR DE PARTIDA */ STARTER:*
DELCO REMY: 1993866, 1993971

SUBSTITUI */ REPLACE:*
DELCO REMY: 1115617, D924A.



Note: Silver contact brezed on contact bolts.
Nota: Pastilha de prata soldada nos parafusos de contato.

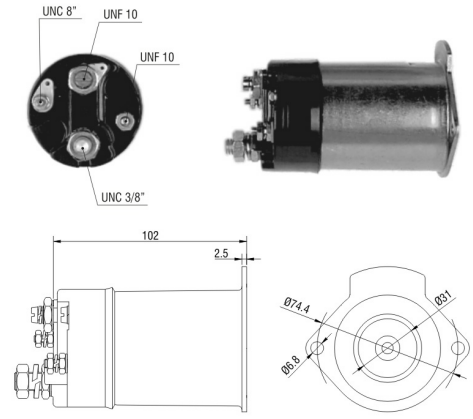
ZM 468 24v

CAP ZM 6-468.96

APLICAÇÃO */ USED ON:*
ATLAS COPCO: XAMS355. CATERPILLAR: Carregadeira 938F, Excavator 322 L. DELCO REMY: 41MT Starter Motor Series, Motores de partida 41MT.

MOTOR DE PARTIDA */ STARTER:*
CATERPILLAR: 1438434, 9X9995, 9Y1945. DELCO REMY: 10478961, 10479013, 10479172

SUBSTITUI */ REPLACE:*
DELCO REMY: 1115634.



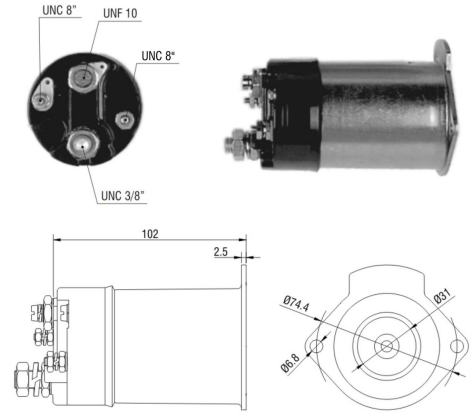
ZM 551 12v

CAP ZM 551.91

APLICAÇÃO */ USED ON:*
CASE: Tractor. GM-CHEVROLET: C-10, C-14, C-60, Caravan, Opala, Veraneio. MASSEY FERGUSON: Tractor, Trator.

MOTOR DE PARTIDA */ STARTER:*
DELCO REMY: 732246348

SUBSTITUI */ REPLACE:*
BOSCH: F.042.010.103. DELCO REMY: 1114256, 1119798, D932.

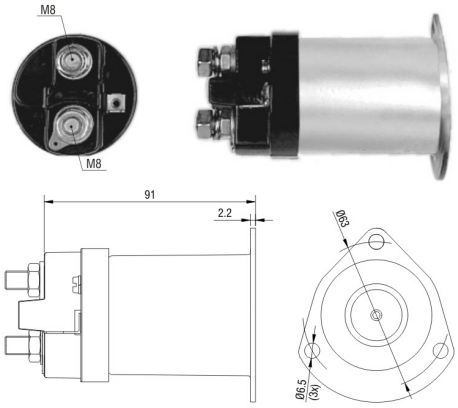


ZM 1-551 24v

APLICAÇÃO */ USED ON:*
CASE: Crawlers, Tractor. CUMMINS: Engines. DELCO REMY: 27MT Starter Motor Series. GMC: Série 6.2 Diesel.

MOTOR DE PARTIDA */ STARTER:*
CUMMINS: 3909914

SUBSTITUI */ REPLACE:*
CUMMINS: 3909914. DELCO REMY: 1113594.

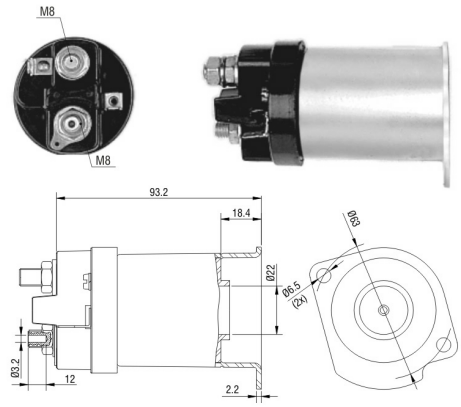


ZM 555 12v CAP ZM 555.91

APLICAÇÃO */ USED ON:*
GM-OPEL: Ascona, Astra, Kadett, Manta, Rekord, Vectra. GM-VAUXHALL: Belmont, Carlton, Cavalier.

MOTOR DE PARTIDA */ STARTER:*
DELCO REMY: 3471155, 3471169

SUBSTITUI */ REPLACE:*
DELCO REMY: 3471725, DR904.

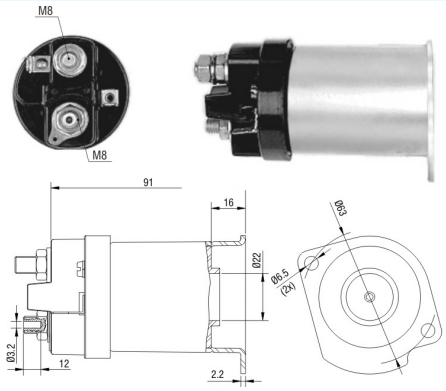


ZM 556 12v CAP ZM 556.91

APLICAÇÃO */ USED ON:*
GM-OPEL: Ascona, Corsa, Kadett, Manta.

MOTOR DE PARTIDA */ STARTER:*
DELCO REMY: 3471143, 3471163

SUBSTITUI */ REPLACE:*
DELCO REMY: 3471693, DR902.



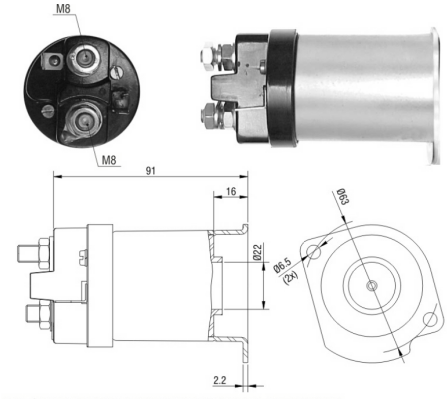
ZM 557 12v CAP ZM 556.91

APLICAÇÃO */ USED ON:*
GM-OPEL: Ascona, Corsa, Kadett, Manta.

MOTOR DE PARTIDA */ STARTER:*
DELCO REMY: 3471150, 3471160

SUBSTITUI */ REPLACE:*
DELCO REMY: 3471697, DR903.

Note: Similar to ZM 1-557 with post has Ø 3.2mm internal hole in motor terminal.
Nota: Similar ao ZM 1-557 com furo interno de Ø 3.2mm no terminal do motor.



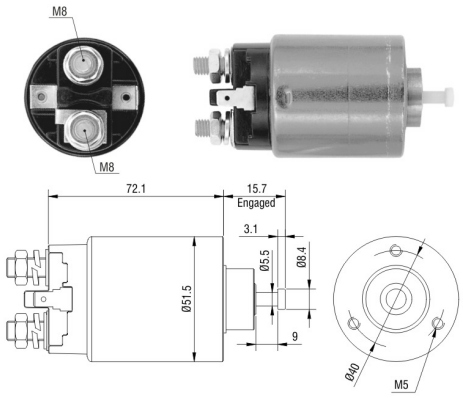
ZM 1-557 12v CAP ZM 1-557.91

APLICAÇÃO */ USED ON:*
GM-OPEL: Ascona, Astra, Corsa, Kadett, Vectra.

MOTOR DE PARTIDA */ STARTER:*
DELCO REMY: 3471150, 3471160

SUBSTITUI */ REPLACE:*
DELCO REMY: 3471697, DR903.

Note: Similar to ZM 557 but without internal Ø3.2mm hole in motor terminal.
Nota: Similar ao ZM 557 sem furo interno de Ø3.2mm no terminal do motor.

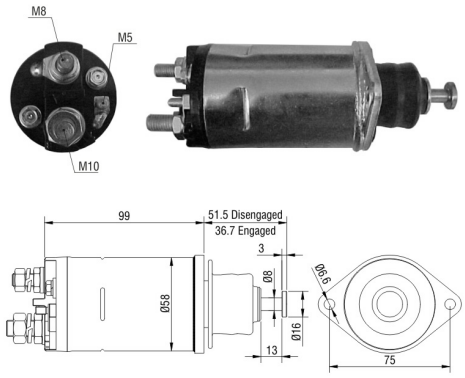


ZM 3-698 12v

APLICAÇÃO */ USED ON:*
ASIA MOTORS: Towner.

MOTOR DE PARTIDA */ STARTER:*
DELCO REMY: 10455505

SUBSTITUI */ REPLACE:*
BOSCH: 1.987.BE2.024. DELCO REMY: 10455505.

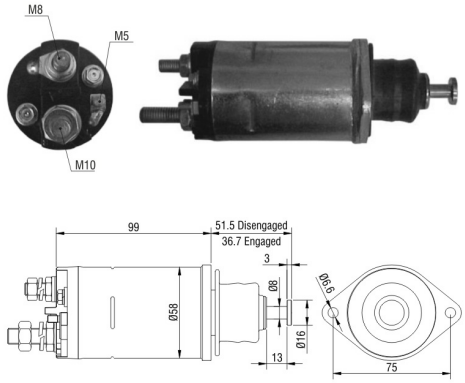


ZM 805 12v

APLICAÇÃO */ USED ON:*
BOBCAT: 1600, 611, 621, 643, 721, 733, 743, 753, 825, 833, 843, Articulated Loaders, Skid Steer Loaders. CLARK: Skid Steer Loaders. CUMMINS: Dynapac, G-Drive, Ingersoll Rand 110, Ingersoll Rand 125, Ingersoll Rand 95, Metalfor Pulverisador, Muller, Timberjack, Zanello. DELCO REMY: 28MT Starter Motor Series, Motores de partida 28MT. FORD-LINCOLN: Welders. MASSEY FERGUSON: Agco, Tractor. MERCEDES-BENZ: 1418, 1720, 710, L-1620, LO-814. NEW HOLLAND: Balers. PERKINS: Industrial, Marine Engines.

MOTOR DE PARTIDA */ STARTER:*
CUMMINS: 3916854, 3918376. DELCO REMY: 10479604, 10479619, 10479621, 10479624, 10479638, 10479651, 1113269, 1113270, 1113273, 1113274, 1113275, 1113276, 1113278, 1113279, 1113280, 1113281, 1113282, 1113284, 1113286, 1113287, 1113289, 1113290, 1113292, 1113296, 1113297. MERCEDES-BENZ: A 0 051 518 301

SUBSTITUI */ REPLACE:*
BOSCH: F.042.010.489. DELCO REMY: 10457055.

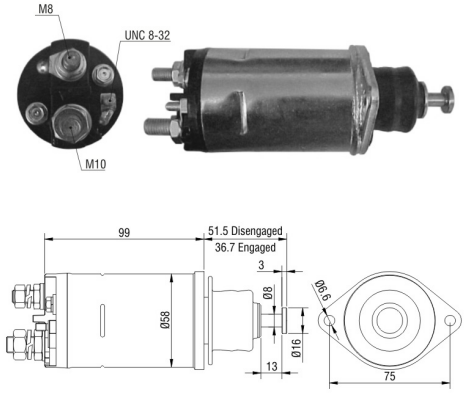


ZM 3-805 12v

APLICAÇÃO */ USED ON:*
DELCO REMY: 28MT Starter Motor Series, Motores de partida 28MT.

MOTOR DE PARTIDA */ STARTER:*

SUBSTITUI */ REPLACE:*
DELCO REMY: 10478614.



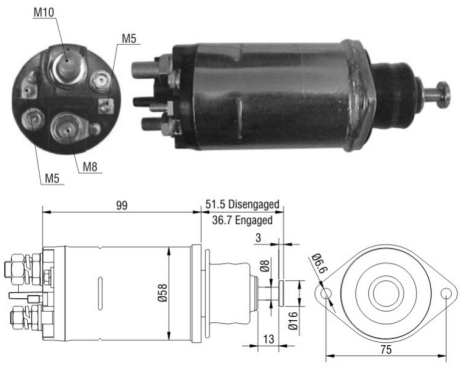
ZM 806 12v

APLICAÇÃO */ USED ON:*
DELCO REMY: 28MT Starter Motor Series, Motores de partida 28MT. GM-CHEVROLET: Blazer, Express, G series, Suburban. GMC: G series, Jimmy, P series, Suburban.

MOTOR DE PARTIDA */ STARTER:*
DELCO REMY: 1113269, 1113270, 1113295, 1113296

SUBSTITUI */ REPLACE:*
DELCO REMY: 10456454.

Referência DELCO REMY
DELCO REMY Reference

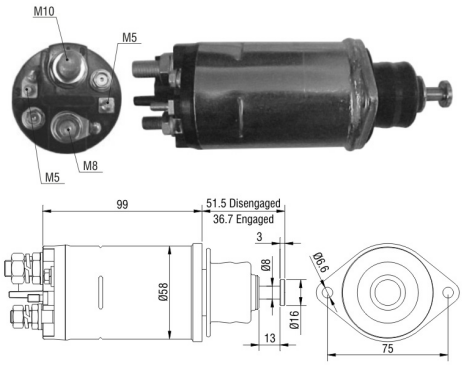


ZM 807 12v

APLICAÇÃO */ USED ON:*
DELCO REMY: 28MT Starter Motor Series, Motores de partida 28MT. FORD: F-12000, F-14000.

MOTOR DE PARTIDA */ STARTER:*
CNH: C148031A1. CUMMINS: 3936148, 3939649. DELCO REMY: 10479614, 10479615, 10479630, 10479634, 10479643, 10479644. FORD: E7HT-11001-AC

SUBSTITUI */ REPLACE:*
DELCO REMY: 10457232.

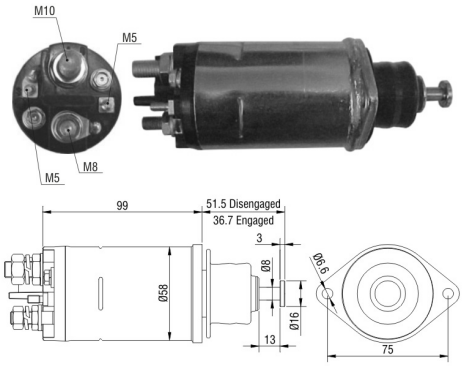


ZM 808 12v

APLICAÇÃO */ USED ON:*
CASE: Retroescavadeira. CUMMINS: Equipamentos. DELCO REMY: 28MT Starter Motor Series, Motores de partida 28MT.

MOTOR DE PARTIDA */ STARTER:*
CUMMINS: 3924410. DELCO REMY: 10479613, 10479618, 10479625, 10479628, 10479630, 10479636, 10479640, 10479641, 1113271, 1113283, 1113285

SUBSTITUI */ REPLACE:*
DELCO REMY: 10457061.

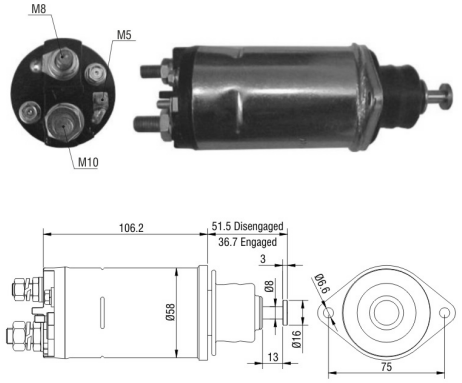


ZM 809 12v

APLICAÇÃO */ USED ON:*
BOBCAT: Skid Steer Loaders. CLARK: Skid Steer Loaders. DELCO REMY: 28MT Starter Motor Series, Motores de partida 28MT. JOHN DEERE: Backhoes, Cotton.

MOTOR DE PARTIDA */ STARTER:*
DELCO REMY: 10479606, 10479607, 10479614, 10479615, 10479617, 10479620, 1113288

SUBSTITUI */ REPLACE:*
DELCO REMY: 10457151.



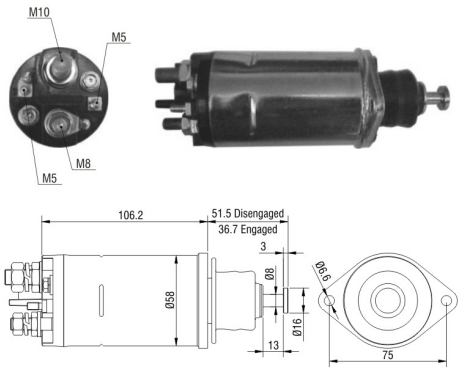
ZM 810 24v

APLICAÇÃO */ USED ON:*
DELCO REMY: 28MT Starter Motor Series, Motores de partida 28MT. FIATALLIS: Fiat Allis, Grader.

MOTOR DE PARTIDA */ STARTER:*
CNH: 75259789, 75323042, 75323045. CUMMINS: 3282731, 3918377, 3918378. DELCO REMY: 10479605, 10479612, 10479622, 10479623, 10479629, 10479652, 10479654, 10479655, 1113277, 1113291, 8200064. MERCEDES-BENZ: A 0 051 518 501

SUBSTITUI */ REPLACE:*
BOSCH: F.042.010.491. DELCO REMY: 10457116, 10483810, 10483811.

Note: Silver contact brazed on contact bolts.
Nota: Pastilha de prata soldada nos parafusos de contato.



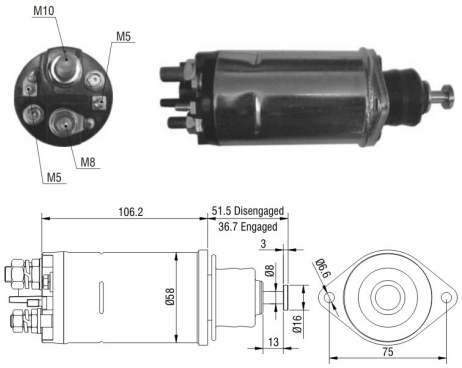
ZM 811 24v

APLICAÇÃO */ USED ON:*
DELCO REMY: 28MT Starter Motor Series, Motores de partida 28MT. JOHN DEERE: Engines, Power Units. LISTER PETTERS: Tractors TX2, Tractors TX3.

MOTOR DE PARTIDA */ STARTER:*
DELCO REMY: 10479600, 10479608, 10479616, 1113272

SUBSTITUI */ REPLACE:*
DELCO REMY: 10457152.

Note: Silver contact brazed on contact bolts.
Nota: Pastilha de prata soldada nos parafusos de contato.



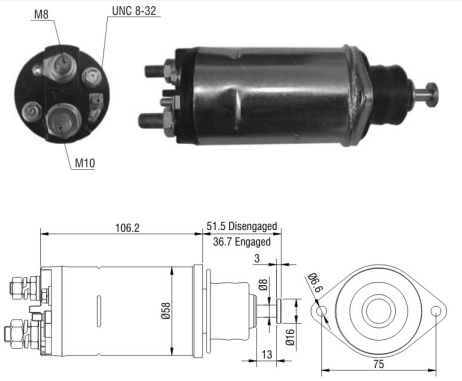
ZM 812 24v

APLICAÇÃO */ USED ON:*
DELCO REMY: 28MT Starter Motor Series, Motores de partida 28MT. JOHN DEERE: Engines, Power Units. LISTER PETTERS: Tractors TX2, Tractors TX3.

MOTOR DE PARTIDA */ STARTER:*
DELCO REMY: 10479600, 10479608, 10479616, 1113272

SUBSTITUI */ REPLACE:*
BOSCH: F.042.010.496. DELCO REMY: 10457115.

Note: Silver contact brazed on contact bolts.
Nota: Pastilha de prata soldada nos parafusos de contato.



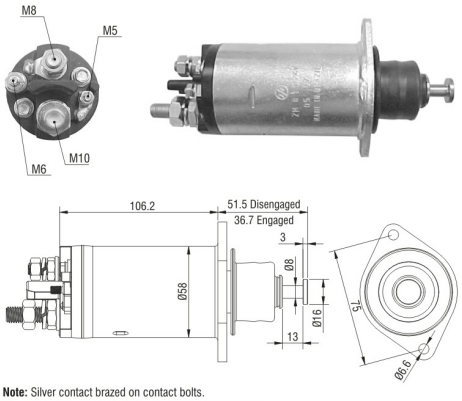
ZM 813 24v

APLICAÇÃO */ USED ON:*
DELCO REMY: 28MT Starter Motor Series, Motores de partida 28MT.

MOTOR DE PARTIDA */ STARTER:*

SUBSTITUI */ REPLACE:*
DELCO REMY: 10457123.

Note: Silver contact brazed on contact bolts.
Nota: Pastilha de prata soldada nos parafusos de contato.



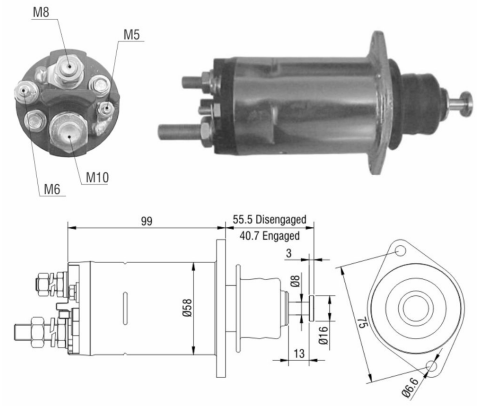
ZM 815 24v

APLICAÇÃO */ USED ON:*
DELCO REMY: 28MT Starter Motor Series, Motores de partida 28MT. MERCEDES-BENZ: 1215, 1218, 1418, 1718, 1725, 2423, 2428, 712, 715, 914, 915, LO-914, O 500 M, O 500 U, OF-1417.

MOTOR DE PARTIDA */ STARTER:*
DELCO REMY: 10479626, 10479650. MERCEDES-BENZ: A 0 051 512 201, A 0 051 517 601

SUBSTITUI */ REPLACE:*
BOSCH: 1.987.BE2.003. DELCO REMY: 10457368. MERCEDES-BENZ: 0 011 523 610.

Note: Silver contact brazed on contact bolts.
Nota: Pastilha de prata soldada nos parafusos de contato.



ZM 817 12v

APLICAÇÃO */ USED ON:*

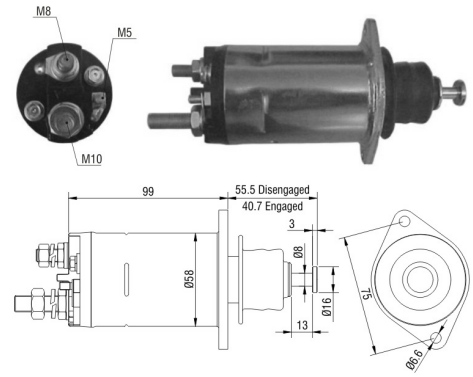
DELCO REMY: 28MT Starter Motor Series, Motores de partida 28MT. MERCEDES-BENZ: Heavy Duty Trucks, Medium Trucks.

MOTOR DE PARTIDA */ STARTER:*

DELCO REMY: 10461454, 10479637, 10479648

SUBSTITUI */ REPLACE:*

DELCO REMY: 10484660.



ZM 1-817 12v

APLICAÇÃO */ USED ON:*

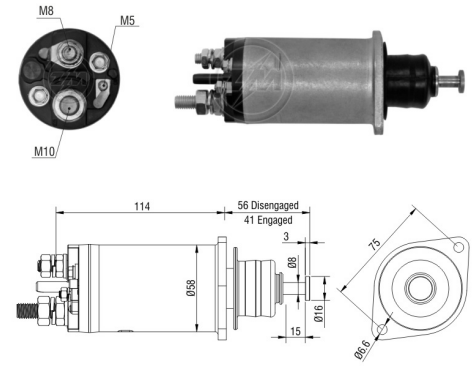
DELCO REMY: 28MT Starter Motor Series, Motores de partida 28MT. FREIGHTLINER: Heavy-duty trucks, Medium Trucks. MERCEDES-BENZ: Medium Trucks. STERLING: Heavy-duty trucks.

MOTOR DE PARTIDA */ STARTER:*

DELCO REMY: 10461454, 10479645, 10479648

SUBSTITUI */ REPLACE:*

DELCO REMY: 10453950.



ZM 818 12v

APLICAÇÃO */ USED ON:*

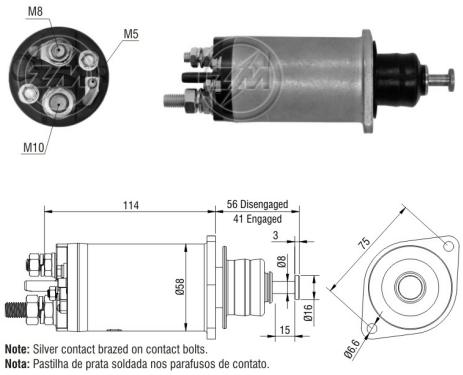
CASE: 430, 460. DELCO REMY: 29MT Starter Motor Series, Motores de partida 29MT. FORD: F 650, F 800, F 900, F-600, F-700, F-750. FREIGHTLINER: Condor, FC 70, FC 80, FL 50, FL 60, FL 70, FL 80, M2 Business Class. KENWORTH: T 300. MERCEDES-BENZ: 1418, 1720, 710, 712, L-1620, LO-712, LO-812, LO-814. STERLING: Acterra, Cargo, L Line.

MOTOR DE PARTIDA */ STARTER:*

DELCO REMY: 10461770, 10461771, 10461772, 19011400, 19011402, 19011403, 8200001, 8200003, 8200010, 8200011, 8200014, 8200103, 8200196, 8200249, 8200295, 8200302, 8200326, 8200331, 8200400, 8200478, 8200495, 8200511, 8200564, 8200565, 8200570, 8200571, 8200677, 8200796, 8200806, 8200824, 8200826, 8200848, 8200849, 8200852, 8200853, 8200854, 8200866, 8200873, 8200874, 8200875, 8200883, 8200885, 8200887, 8200889, 8300064. FORD: 7C45-11001-AB

SUBSTITUI */ REPLACE:*

BOSCH: 1.987.BE2.004. DELCO REMY: 10515838.



Note: Silver contact brazed on contact bolts.
Nota: Pastilha de prata soldada nos parafusos de contato.

ZM 1-818 24v

APLICAÇÃO */ USED ON:*

AGRALE: 10.000, 13000 E, 14.000, MA10.0, MA12.0, MA120, MA15.0, MA7.9, MA8.5, MA9.2, MT12.0, MT15.0 LE, V8, W8, W9. CASE: Grader 845, Grader 845.2, Motoniveladora 845, Motoniveladora 845.2, Pá Carregadeira 521D, Pá Carregadeira 621D, Pá Carregadeira W20, Wheel Loader 521D, Wheel Loader 621D, Wheel Loader W20. DELCO REMY: 29MT Starter Motor Series, Motores de partida 29MT. DINA: Picker. FIATALLIS: Grader FG 140.2, Motoniveladora FG 140.2. MERCEDES-BENZ: 1720, OF-1721, OH 1621L, OH-1420, OH-1623. NEW HOLLAND: Grader RG 140.B, Grader RG 170.B, Motoniveladora RG 140.B, Motoniveladora RG 170.B, Pá Carregadeira W130, Wheel Loader W130.

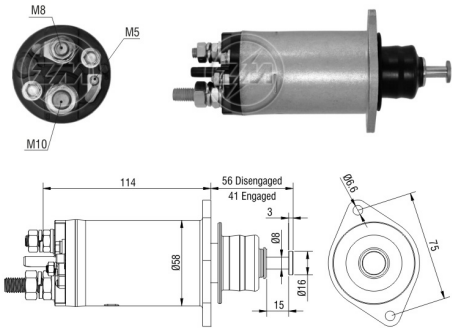
MOTOR DE PARTIDA */ STARTER:*

CNH: 75327465. CUMMINS: 4941055. DELCO REMY: 8200004, 8200054, 8200064, 8200065, 8200071, 8200231, 8200292, 8200296, 8200357, 8200386, 8200387, 8200391, 8200474, 8200512, 8200521, 8200621, 8200745, 8200777, 8200807, 8200816, 8200850, 8200851, 8200882, 8200884, 8200886, 8200906. MERCEDES-BENZ: A 001151 8501, A 001151 8502, A 376 151 0501

SUBSTITUI */ REPLACE:*

DELCO REMY: 10515840, 10532399.

Continuação da página anterior. */ Continued from last page.*



Note: Silver contact brazed on contact bolts.
Nota: Pastilha de prata soldada nos parafusos de contato.

ZM 2-818 24v

APLICAÇÃO */ USED ON:*

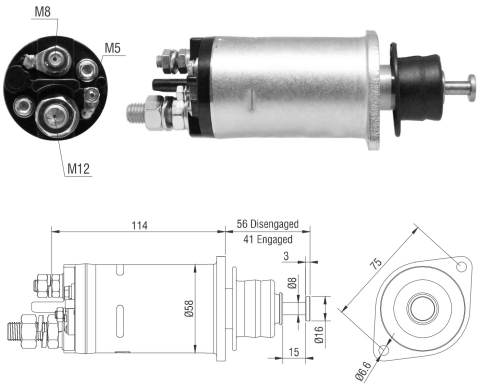
DELCO REMY: 29MT Starter Motor Series, Motores de partida 29MT. MERCEDES-BENZ: 1215, 1218, 1418, 1718, 1725, 2423, 2428, 712, 715, 914, 915, Accelo, Atego, L-1318, L-1620, LO-914, O 500 M, O 500 R, O 500 U, OF 1518, OF-1417, OF-1418, OF-1721, OF-1722.

MOTOR DE PARTIDA */ STARTER:*

DELCO REMY: 8200138, 8200278, 8200297, 8201097. MERCEDES-BENZ: 00 115 29 810, A 006 151 2101

SUBSTITUI */ REPLACE:*

BOSCH: 1.987.BE2.017. DELCO REMY: 10518782, 10531031.



ZM 3-818 12v

APLICAÇÃO */ USED ON:*

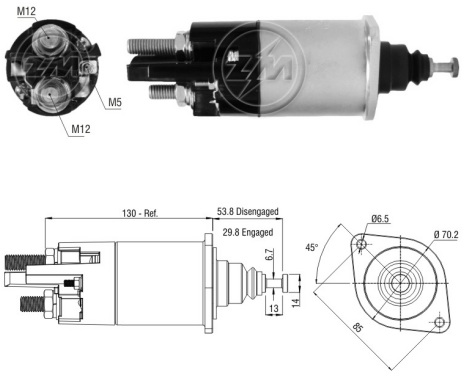
AGRALE: 5075, 5085, BX. CASE: Colheitadeira de Grãos. DELCO REMY: 29MT Starter Motor Series, Motores de partida 29MT. FORD: F 650, F-750. FREIGHTLINER: FC 70, FC 80, FL 50, FL 60, FL 70, FL 80, FS 65, M2 106, MT 35, MT 45, MT 55. GM-CHEVROLET: D 20, Silverado. INTERNATIONAL: 3000, 4000, BE, CE, DuraStar, Heavy Duty Truck 1652, Heavy Duty Truck 3900 Series Bus, 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, TerraStar. KENWORTH: K 300, T 300. NEW HOLLAND: TL 60E, TL 75E, TL 85E, TL 95E. RANDON: Retro Escavadeira. RUCKER: Rebocador. STERLING: Acterra.

MOTOR DE PARTIDA */ STARTER:*

DELCO REMY: 10461764, 10461765, 19011400, 19011402, 19011403, 2132-10461764, 8200216, 8200271, 8200622, 8200972, 8300003, 8300014, 8300063, 8300103, 8300196, 8300295, 8300326, 8300331, 8300400, 8300478, 8300495, 8300511, 8300564, 8300826, 8300848, 8300849, 8300853, 8300854, 8300866, 8300875, 8300885, 8300887, 8300889, 8300890. FORD: 7C45-11001-AA, 7C45-11001-AB. INTERNACIONAL: 74175. MERCEDES-BENZ: A 376 151 0201, A 376 151 0401, A 376 151 3401. MWM: 7004307C1, 74175, 905720100108, 905720100110, 905720100111, 905720100112, 905720100113. VALTRA: 11 131 249, 11130.897. VOLKSWAGEN: 2P0.911.023.B, 2R0.911.023.C, 2R0.911.023.E

SUBSTITUI */ REPLACE:*

DELCO REMY: 10515839.



ZM 840 12v CAP ZM 840.96

APLICAÇÃO */ USED ON:*

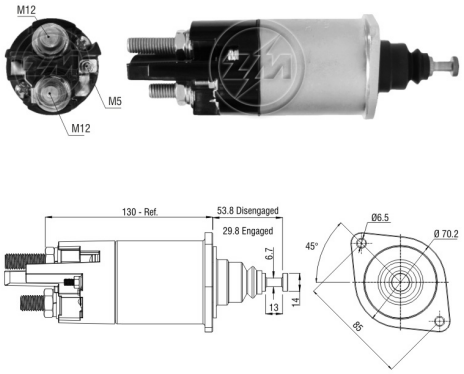
CATERPILLAR: 3126, C7. CUMMINS: Heavy-Duty Equipment. DELCO REMY: 38MT Starter Motor Series, Motores de partida 38MT. FREIGHTLINER: Condor Work Horse, FC 70, FC 80, FL 50, FL 60, FL 70, FL 80. IHC: DT466 7.6L. INTERNATIONAL: DT466 7.6L, Truck.

MOTOR DE PARTIDA */ STARTER:*

DELCO REMY: 10461768, 10461769, 10461775, 19026027, 19026028, 19026029, 19026031, 19026035, 8200005, 8200007, 8200023, 8200025, 8200075, 8200076, 8200077, 8200211, 8200217, 8200235, 8200324, 8300005, 8300021, 8300022, 8300024, 8300026, 8300065, 8300066

SUBSTITUI */ REPLACE:*

BOSCH: F.042.010.141. DELCO REMY: 10512093.



ZM 1-840 24v CAP ZM 840.96

APLICAÇÃO */ USED ON:*

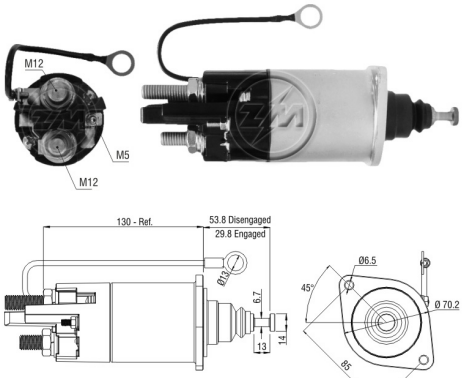
CUMMINS: Heavy-Duty Equipment. DELCO REMY: 38MT Starter Motor Series, Motores de partida 38MT. VOLKSWAGEN: 17.320E, 18.310 Titan, 18.310 Titan Tractor, 19.360E, 25.320E, 25.370E, 25.400E, Caminhão, Constellation 18.310, Truck.

MOTOR DE PARTIDA */ STARTER:*

DELCO REMY: 10461774, 10461776, 19026030, 19026032, 8200000, 8200024, 8200026, 8200053, 8200072, 8200078, 8200236, 8200269, 8200301, 8200322, 8200486, 8200600, 8200733, 8300023, 8300025. VOLKSWAGEN: 2S0911023A, 2T0911023-F, 2T0911023F

SUBSTITUI */ REPLACE:*

BOSCH: F.042.010.578. DELCO REMY: 10512094.



ZM 841 12v CAP ZM 841.96

APLICAÇÃO */ USED ON:*

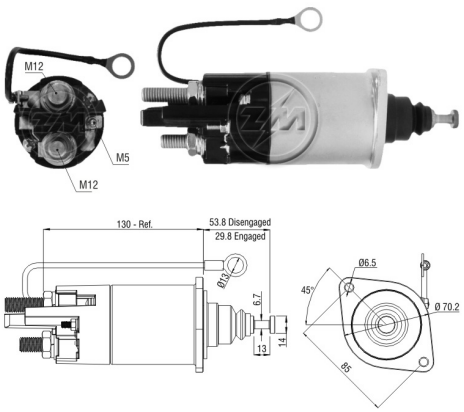
CATERPILLAR: C15. CUMMINS: Heavy-Duty Equipment, Off-Road Equipment. DELCO REMY: 39MT Starter Motor Series, Motores de partida 39MT. DETROIT DIESEL: S60. FREIGHTLINER: 112SD Class, Business Class, C112 Century Class, C120 Century Class, FLD112 Class, Sterling Condor, Truck. IHC: Truck. INTERNATIONAL: Truck. MACK: Heavy-Duty Trucks. MERCEDES-BENZ: Truck. VOLVO: Truck, VN Series. WESTERN STAR: Truck.

MOTOR DE PARTIDA */ STARTER:*

DELCO REMY: 10461324, 10461753, 10461773, 10461777, 19011500, 19011505, 19011506, 19011508, 19011510, 19011513, 19011514, 19011515, 19011516, 19011517, 19011518, 19011521, 19011525, 19011526, 19011530, 19011531, 8200028, 8200030, 8200031, 8200033, 8200037, 8200038, 8200040, 8200042, 8200045, 8300004, 8300007, 8300008, 8300009

SUBSTITUI */ REPLACE:*

BOSCH: F.042.010.140. DELCO REMY: 10511408, 10518433.



ZM 1-841 24v CAP ZM 841.96

APLICAÇÃO */ USED ON:*

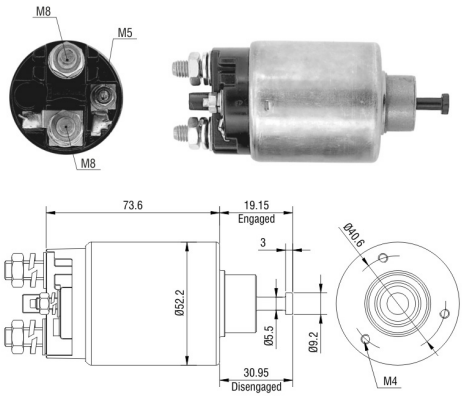
CUMMINS: Heavy-Duty Equipment. DELCO REMY: 39MT Starter Motor Series, Motores de partida 39MT.

MOTOR DE PARTIDA */ STARTER:*

DELCO REMY: 10461754, 10461756, 10461758, 10461759, 19011507, 19011509, 19011511, 19011512, 19011522, 19011523, 19011524, 19011527, 8200027, 8200032, 8200034, 8200039, 8200041, 8200043, 8200044, 8200047, 8300014, 8300016, 8300018

SUBSTITUI */ REPLACE:*

BOSCH: F.042.010.577. DELCO REMY: 10511409.



ZM 860 12v — CAP ZM 860.96

APLICAÇÃO */ USED ON:*

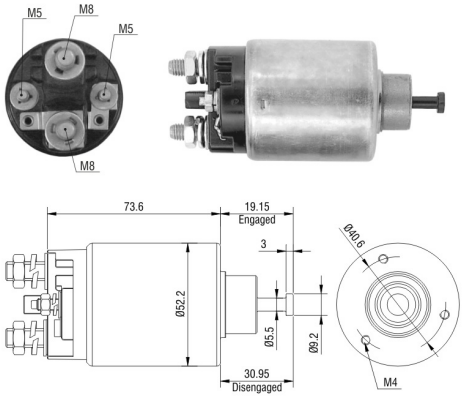
CADILLAC: Concours, Deville, Eldorado, Escalade, Fleetwood, Seville. DELCO REMY: PG260 D Starter Motor Series, PG260 F1 Starter Motor Series, PG260 F2 Starter Motor Series, PG260 G Starter Motor Series, PG260 L Starter Motor Series, PG260 M Starter Motor Series, Motores de partida PG260 F1, Motores de partida PG260 L, Motores de partida PG260 M, Motores de partida PG260 D, Motores de partida PG260 F2, Motores de partida PG260 G. GM-CHEVROLET: Astro Van, Blazer, Camaro, Caprice, Cavalier, Impala, Lumina, Malibu, Monte Carlo, S10. GM-OLDSMOBILE: 98, Alero, Aurora, Bravada, Cutlass, Delta, LSS, Silhouette. GMC: G series, Jimmy, Sonoma.

MOTOR DE PARTIDA */ STARTER:*

DELCO REMY: 24506694, 8000014, 9000786, 9000798, 9000805, 9000806, 9000812, 9000819, 9000820, 9000833, 9000834, 9000835, 9000836, 9000841, 9000847, 9000850, 9000851, 9000853, 9000854, 9000857, 9000858, 9000859, 9000860, 9000861, 9000862, 9000863, 9000864, 9000865, 9000866, 9000868, 9000871, 9000872, 9000873, 9000879, 9000880, 9000881, 9000882, 9000899, 9000900, 9000910, 9000973

SUBSTITUI */ REPLACE:*

BOSCH: F.042.010.041. DELCO REMY: 10475646, 10475654.



ZM 1-860 12v — CAP ZM 1-860.96

APLICAÇÃO */ USED ON:*

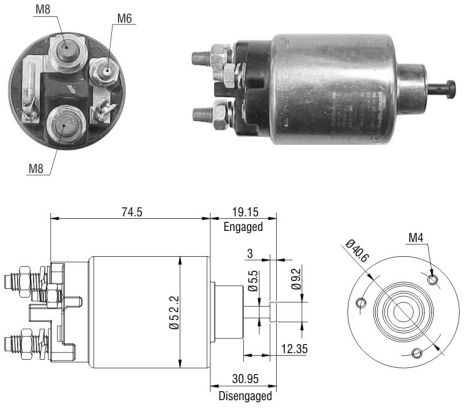
CLARK: Lift Trucks. DAEWOO: Lift Trucks. DELCO REMY: PG260 F1 Starter Motor Series, PG260 G Starter Motor Series, PG260 L Starter Motor Series, PG260 M Starter Motor Series, Motores de partida PG260 F1, Motores de partida PG260 L, Motores de partida PG260 M, Motores de partida PG260 G. OMC: Marine. VOLVO: Penta Marine.

MOTOR DE PARTIDA */ STARTER:*

DELCO REMY: 9000821, 9000822, 9000840, 9000844, 9000867, 9000884, 9000885, 9000895. MERCURY MARINE: 50-806963A2, 50-806963A3, 50-806963A4, 50-806965A2, 50-807904A1, 50-812429A2, 50-863007A1. OMC: 3850526, 3854750, 3855882, 3856003, 3858463, 3860566, 988217. VOLVO PENTA: 3854750-1, 3856003-3

SUBSTITUI */ REPLACE:*

DELCO REMY: 1114583.



ZM 2-860 12v — CAP ZM 2-860.96

APLICAÇÃO */ USED ON:*

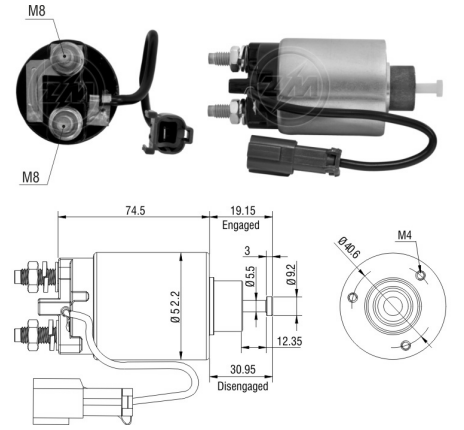
DAEWOO: Espero. DELCO REMY: PG260 D Starter Motor Series, Motores de partida PG260 D. GM-CHEVROLET: Astra, Blazer, Meriva, Montana, Novo Corsa, S10, Vectra, Zafira.

MOTOR DE PARTIDA */ STARTER:*

DELCO REMY: 8000158, 8000159, 8000188, 9000890, 9000891, 9000893, 9000944, 9000948. GM: 93297652, 93297653, 93303527, 93304772, 93327502, 93374342, 93384398

SUBSTITUI */ REPLACE:*

BOSCH: 1.987.BE2.010. DELCO REMY: 1114597, 1114607.



ZM 5-860 12v — CAP ZM 5-860.91

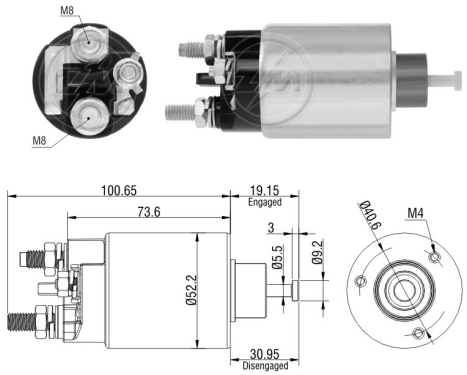
APLICAÇÃO */ USED ON:*

DELCO REMY: PG260 D Starter Motor Series, Motores de partida PG260 D. NISSAN: Sentra.

MOTOR DE PARTIDA */ STARTER:*

DELCO REMY: 9000908. NISSAN: 23300-8U300

SUBSTITUI */ REPLACE:*



ZM 6-860 12v

CAP ZM 6-860.96

APLICAÇÃO */ USED ON:*

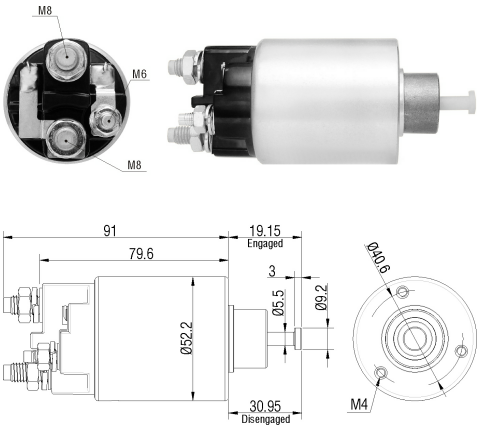
DAEWOO: Espero. DELCO REMY: PG260 D Starter Motor Series, Motores de partida PG260 D. FIAT: Doblò, Idea, Palio, Palio Weekend, Punto, Stilo, Strada. GM-CHEVROLET: Agile, Astra, Blazer, Celta, Cobalt, Corsa, Ipanema, Kadett, Meriva, Montana, Monza, Novo Corsa, Prisma, S10, Vectra, Zafira. HYSTER: Lift Truck.

MOTOR DE PARTIDA */ STARTER:*

DELCO REMY: 8000090, 8000158, 8000159, 8000188, 8000480, 8000538, 8000661, 9000890, 9000891, 9000893, 9000944, 9000948, 9000978, 9000981. GM: 93297652, 93297653, 93303527, 93327502, 93374342, 93384398. HYSTER: 1548620. YALE: 580044885, YT580044885

SUBSTITUI */ REPLACE:*

DELCO REMY: 10504502, 10515871, 10520346, 10520347, 1114607, 1114610. GM-CHEVROLET: 93374341.



ZM 7-860 12v

APLICAÇÃO */ USED ON:*

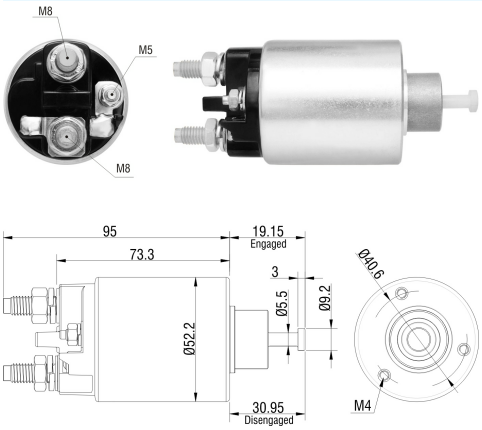
DELCO REMY: PG260 C Starter Motor Series. FORD: Ecosport, Focus.

MOTOR DE PARTIDA */ STARTER:*

DELCO REMY: 8000071. FORD: 5N15-11000-AA, 5N15-11000-AB

SUBSTITUI */ REPLACE:*

DELCO REMY: 10510400, 10520348.



ZM 8-860 12v

APLICAÇÃO */ USED ON:*

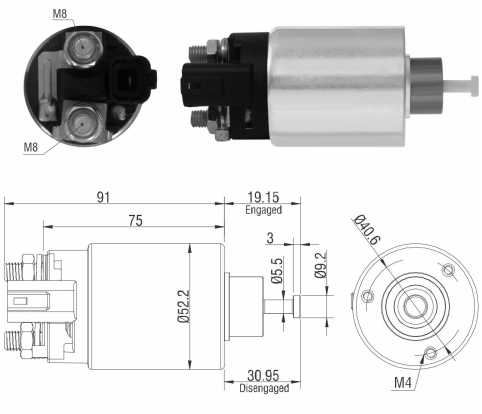
CADILLAC: Escalade. CITROËN: Berlingo, Xsara. GM-CHEVROLET: Astro Van, Blazer, C1500, C2500, C3500, Express, G series, Kodiak, P series, S10, Silverado, Suburban, Tahoe. GM-ISUZU: Hombre, NPR. GM-OLDSMOBILE: Bravada. GMC: Jimmy, Savana, Sierra, Sonoma, Yukon. PEUGEOT: 206, 307.

MOTOR DE PARTIDA */ STARTER:*

DELCO REMY: 25906, 8000006, 8000266, 96206, 96224

SUBSTITUI */ REPLACE:*

DELCO REMY: 10512424, 10520349.



ZM 9-860 12v

APLICAÇÃO */ USED ON:*

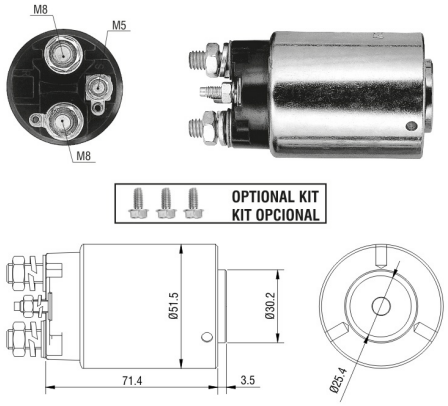
DELCO REMY: PG260 E Starter Motor Series. HYUNDAI: Azera, Entourage, VeraCruz. KIA MOTORS: Amanti, Sedona, Sorento, Sportage.

MOTOR DE PARTIDA */ STARTER:*

DELCO REMY: 25122, 8000300, 8000327, 8000619. HYUNDAI: 36100-3C130, 36100-3C150, 36100-3C180. KIA: 36100-3C150, 36100-3C180

SUBSTITUI */ REPLACE:*

DELCO REMY: 36120-....



ZM 861 12v

APLICAÇÃO */ USED ON:*

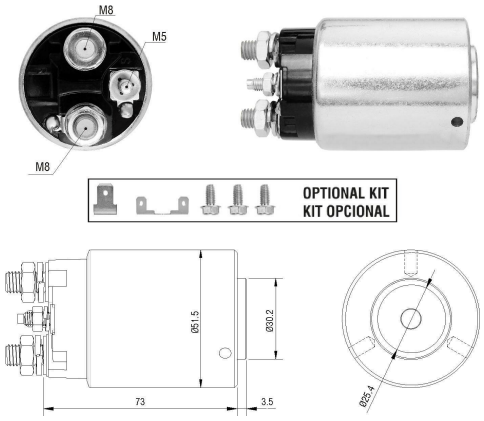
BUICK: Century, Regal, Skilark. GM-CHEVROLET: Beretta, Cavalier, Corsica. GM-ISUZU: Hombre, P'UP Pick-up, Rhodeo, Trooper. GMC: Sonoma.

MOTOR DE PARTIDA */ STARTER:*

DELCO REMY: 10455010, 10455011, 10455012, 10455013, 10455025, 10455026, 10455042, 10455047, 10455048, 10455051, 10455053, 10455054, 10455060, 10455061, 10455070, 10455076, 21021366, 9000719, 9000735, 9000773, 9000775

SUBSTITUI */ REPLACE:*

DELCO REMY: 10469039, 1114578, 1114582, D922A, D936A.



ZM 4-861 12v

APLICAÇÃO */ USED ON:*

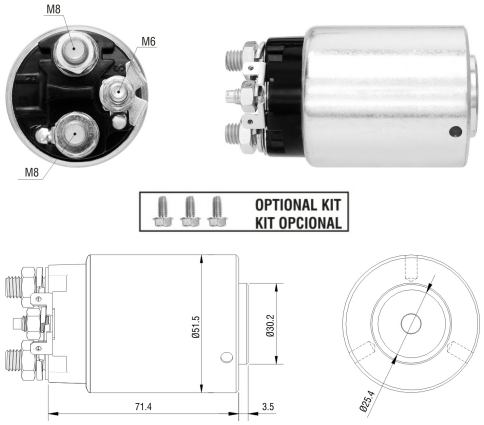
BUICK: Century, Regal, Skilark. CADILLAC: Allante, Deville, Eldorado, Fleetwood, SRX, STS, Seville, XLR. DELCO REMY: PG200, PG250 Starter Motor Series. GM-BUICK: Roadmaster. GM-CHEVROLET: Beretta, Blazer, Camaro, Caprice, Cavalier, Corsica, Impala. GM-ISUZU: Hombre, P'UP Pick-up, Rhodeo, Trooper. GM-OLDSMOBILE: Aurora. GM-PONTIAC: Bonneville, Firebird. GMC: C series, Jimmy, K series, S series, Sierra, Sonoma, T series.

MOTOR DE PARTIDA */ STARTER:*

DELCO REMY: 10455010, 10455011, 10455012, 10455013, 10455025, 10455026, 10455042, 10455047, 10455048, 10455051, 10455053, 10455054, 10455060, 10455061, 10455070, 10455076, 21021366, 9000719, 9000735, 9000773, 9000775

SUBSTITUI */ REPLACE:*

DELCO REMY: 10469039, 1114578, 1114582, D922A, D936A.



ZM 5-861 12v

APLICAÇÃO */ USED ON:*

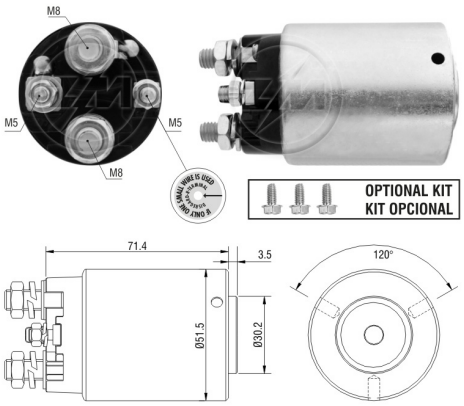
ASUNA: GT, SE. GM-PONTIAC: Lemans, Optima. GM-SATURN: SC series, SL series, SW series.

MOTOR DE PARTIDA */ STARTER:*

DELCO REMY: 21020892, 21020893, 21021648, 9000751, 9000758, 9000785

SUBSTITUI */ REPLACE:*

DELCO REMY: 10467421, 10468962.



ZM 862 12v

APLICAÇÃO */ USED ON:*

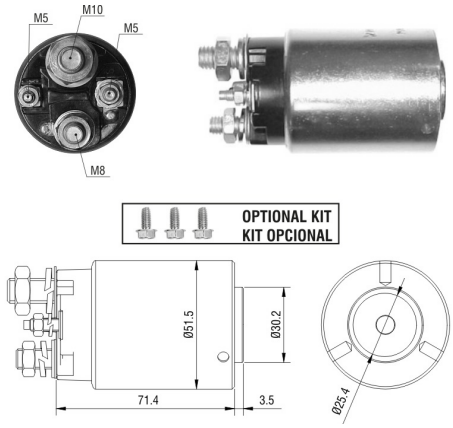
BUICK: Regal. DELCO REMY: PG100, PG150 Starter Motor Series, PG200, PG250 Starter Motor Series, SD210, SD260 Starter Motor Series, Motores de partida PG100, PG150, Motores de partida PG200, PG250, Motores de partida SD210, SD260. GM-CHEVROLET: Beretta, Camaro, Cavalier, Corsica, Lumina. GM-OLDSMOBILE: Bravada, Ciera, Cutlass, Silhouette Van. GM-PONTIAC: Firebird, Grand, Grand Prix, Sunbird, Sunfire, Trans Sport Van. GMC: Sierra, Sonoma.

MOTOR DE PARTIDA */ STARTER:*

DELCO REMY: 10455011, 10455012, 10455013, 10455014, 10455025

SUBSTITUI */ REPLACE:*

DELCO REMY: 10469039, 1114578, 1114582, 1114584, D936A.

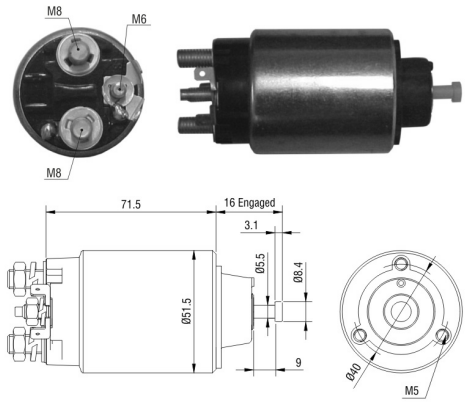


ZM 1-862 12v

APLICAÇÃO */ USED ON:*
BUICK: Park Avenue. DELCO REMY: PG200, PG250 Starter Motor Series, Motores de partida PG200, PG250. FORD-MERCURY: Marine, Stern Drive. GM-OLDSMOBILE: 98. GM-PONTIAC: Bonneville.

MOTOR DE PARTIDA */ STARTER:*
DELCO REMY: 9000762, 9000768, 9000776, 9000789, 9000797

SUBSTITUI */ REPLACE:*
DELCO REMY: 1114580, 1114581.

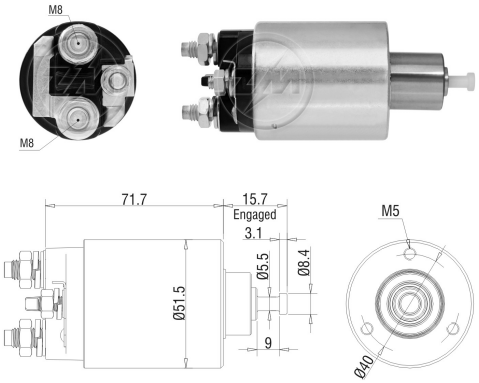


ZM 864 12v

APLICAÇÃO */ USED ON:*
DAEWOO: Lanos, Leganza, Nubira. DELCO REMY: PG100, PG150 Starter Motor Series, PG150 S Starter Motor Series, Motores de partida PG100, PG150, Motores de partida PG150 S. GM-SATURN: SC series, SL series, SW series.

MOTOR DE PARTIDA */ STARTER:*
DELCO REMY: 10465298, 21020761, 9000794

SUBSTITUI */ REPLACE:*
DELCO REMY: 10482844.

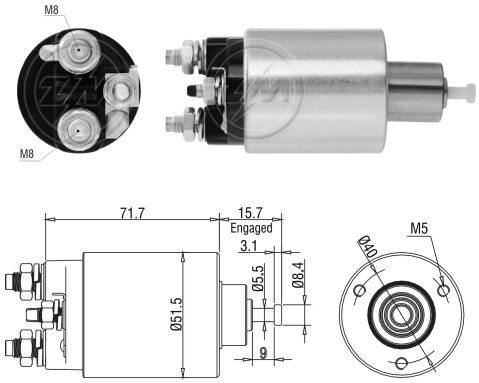


ZM 865 12v CAP ZM 865.96

APLICAÇÃO */ USED ON:*
DAEWOO: Espero, Lanos, Nexia, Nubira. GM-OPEL: Agila, Ascona, Astra, Combo, Corsa, Kadett, Tigra, Vectra, Zafira. GM-VAUXHALL: Astra, Cavalier, Combo, Corsa, Nova, Tigra, Vectra.

MOTOR DE PARTIDA */ STARTER:*
DAEWOO: 96208782. DELCO REMY: 96208782, DRS3549, DRS3549N

SUBSTITUI */ REPLACE:*
DELCO REMY: 110977.

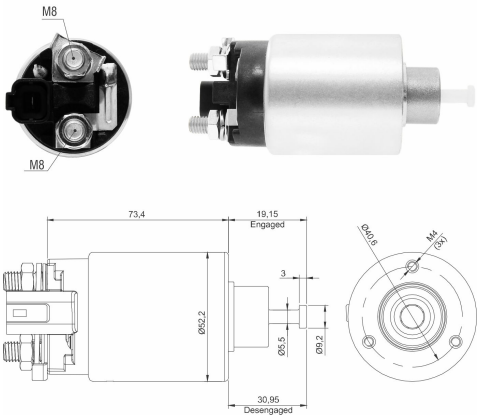


ZM 1-865 12v CAP ZM 1-895.96

APLICAÇÃO */ USED ON:*
GM-CHEVROLET: Astra, Blazer, Espero, Monza, S10, Vectra, Zafira.

MOTOR DE PARTIDA */ STARTER:*
DELCO REMY: 9000846

SUBSTITUI */ REPLACE:*
DELCO REMY: 110780.



ZM 866 12v

APLICAÇÃO */ USED ON:*

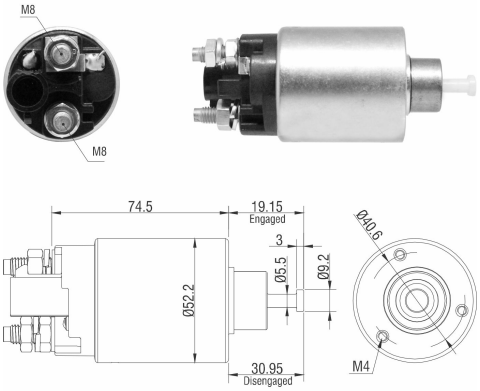
HYUNDAI: Genesis Coupe, Santa Fé, Sonata. KIA MOTORS: Forte, Forte Koup, Magentis, Optima, Rondo.

MOTOR DE PARTIDA */ STARTER:*

DELCO REMY: 112611, 8000172. HYUNDAI: 36100-25020. KIA: 36100-25020

SUBSTITUI */ REPLACE:*

DELCO REMY: 36120-25020.



ZM 1-866 12v

APLICAÇÃO */ USED ON:*

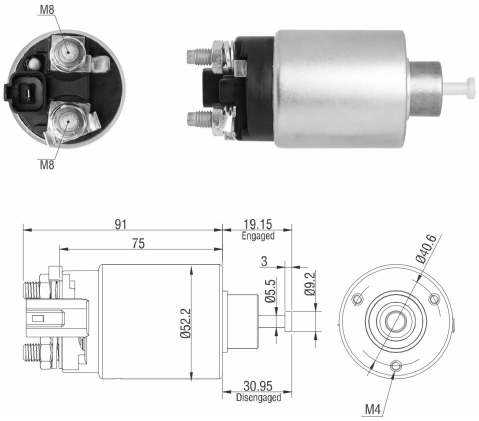
BUICK: Allure, Lacrosse, Lucerne, Rainier, Regal, Terraza, Verano. CADILLAC: CTS, Escalade. GM-CHEVROLET: Avalanche, Captiva, Cheyenne, Cobalt, Colorado, Corvette, Equinox, Express, HHR, Impala, Malibu, Monte Carlo, Silverado, Suburban, Tahoe, Trailblazer, Uplander. GM-PONTIAC: G5, G6, Montana, Solstice, Torrent. GM-SATURN: Aura, Relay, Sky, Vue. GMC: Canyon, Savana, Sierra, Terrain, Yukon. SAAB: 9-3, 9-3X, 9-7X.

MOTOR DE PARTIDA */ STARTER:*

DELCO REMY: 26657, 8000038, 8000039, 8000040, 8000063, 8000064, 8000065, 8000073, 8000193, 8000211, 8000213, 8000214, 8000215, 8000216, 8000293, 8000294, 8000295, 8000382, 8100041, 89017847, 89060407, 9000836, 9000974, 96235

SUBSTITUI */ REPLACE:*

DELCO REMY: 10503939, 10516636, 10518568.



ZM 2-866 12v

APLICAÇÃO */ USED ON:*

HYUNDAI: Equus, Genesis. KIA MOTORS: Borrego.

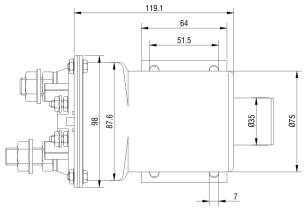
MOTOR DE PARTIDA */ STARTER:*

DELCO REMY: 16173, 8000333, 8000359, 8000397, 99040. HYUNDAI: 36100-3C200, 36100-3F010. KIA: 36100-3C200, 36100-3F010

SUBSTITUI */ REPLACE:*

HYUNDAI: 36120-3C200, 36120-3F010. KIA: 36120-3C200, 36120-3F010.





ZM 950 24v

APLICAÇÃO */ USED ON:*

DELCO REMY: 50MT Starter Motor Series, Motores de partida 50MT.

MOTOR DE PARTIDA */ STARTER:*

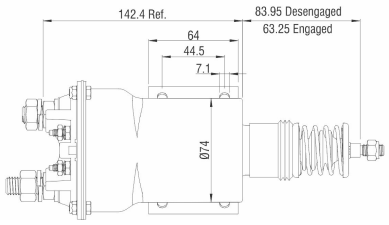
DELCO REMY: 10478911, 10479339, 1109222, 1109285, 1109292, 1109294, 1109296, 1109299, 1109493, 1109494, 1109497, 1109553, 1109555, 1109624, 1109628, 1109630, 1109631, 1109632, 1109633, 1109635, 1109637, 1109638, 1109640, 1109641, 1109642, 1109643, 1109644, 1109645, 1109646, 1109647, 1109648, 1109649, 1109830, 1109832, 1109833, 1109834, 1109835, 1109836, 1109837, 1109838, 1109839, 1109840, 1109841, 1109842, 1109844, 1109845, 1109846, 1109847, 1109848, 1109849, 1113533, 1113534, 1113535, 1113536, 1113539, 1113540, 1113541, 1113542, 1113544, 1113545, 1113584, 1113585, 1114677, 1114679, 1114680, 1114681, 1114682, 1114683, 1114684, 1114685, 1114686, 1114687, 1114688, 1114689, 1114755, 1114756, 1114759, 1114762, 1114767, 1114772, 1114805, 1114840, 1114842, 1114846, 1114848, 1114849, 1114850, 1114851, 1114852, 1114853, 1114854, 1114855, 1114856, 1114857, 1114858, 1114859, 1114861, 1114862, 1114863, 1114864, 1114865, 1114871, 1114872, 1114873, 1114874, 1114875, 1114876, 1114878, 1114879, 1114880, 1114903, 1114905, 1114909, 1114910

SUBSTITUI */ REPLACE:*

BOSCH: F.042.010.113. DELCO REMY: 1115557, 1115559.

Continuação da página anterior. */ Continued from last page.*





ZM 1-950 24v

APLICAÇÃO */ USED ON:*

CASE: 120D. CATERPILLAR: 3406, 3408, Pá carregadeira, Trator. CLARK: 380III, 475B. CUMMINS: Série K, Série L14. DELCO REMY: 50MT Starter Motor Series, Motores de partida 50MT. DRESSER: TD-25G, TD-40. FIATALLIS: FE-40, FL-20, HD-31. FORD: L 6000, L 9000. FREIGHTLINER: FLT Series. GM-CHEVROLET: Heavy-Duty Trucks, Medium Trucks. KENWORTH: K 100, L 700, W 900. MACK: CM Series, DM, FDM Series, RM. VOLVO: K Series. WESTERN STAR: Medium Trucks.

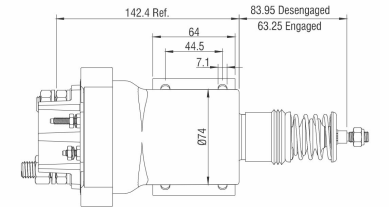
MOTOR DE PARTIDA */ STARTER:*

CATERPILLAR: 0R5213, 3I8205. CUMMINS: 3010125RX, 3021038, 3603868RX, 3603888RX, 4081235. DELCO REMY: 10461744, 10479343. FIAT ALLIS: 4780974. IVECO: 4780974. RENAULT: 5000811448

SUBSTITUI */ REPLACE:*

DELCO REMY: 10521166.





ZM 2-950 24v

APLICAÇÃO */ USED ON:*

CASE: 9150, 9190, Crawlers, Excavator. CATERPILLAR: 245, 768, 824C, 834, 988, 992. CLARK: Dozer, Scraper, Tractor Shovel. DELCO REMY: 50MT Starter Motor Series, Motores de partida 50MT. FIATALLIS: Crawler, Excavator. FREIGHTLINER: FL. INTERNATIONAL: Payscraper, Paystar. JOHN DEERE: Loader. KOMATSU: D85E. PETERBILT: 357 Series, 359 Series.

MOTOR DE PARTIDA */ STARTER:*

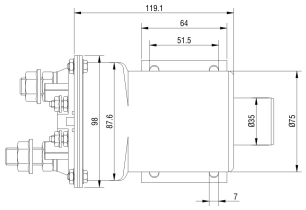
DELCO REMY: 10461189, 10461190, 10479075, 10479088, 8200456, 8200479, 8200481, 8200496, 8200528, 8200531, 8200532, 8200533, 8200534, 8200535, 8200536, 8200537, 8200538, 8200539, 8200540, 8200541, 8200542, 8200543, 8200544, 8200545, 8200569, 8200573, 8200574, 8200575, 8200577, 8200578, 8200592, 8200598, 8200797, 8200798, 8200812, 8200841, 8201092, 8201094

SUBSTITUI */ REPLACE:*

DELCO REMY: 10524094.

Referência DELCO REMY
DELCO REMY Reference





ZM 951 12v

APLICAÇÃO */ USED ON:*

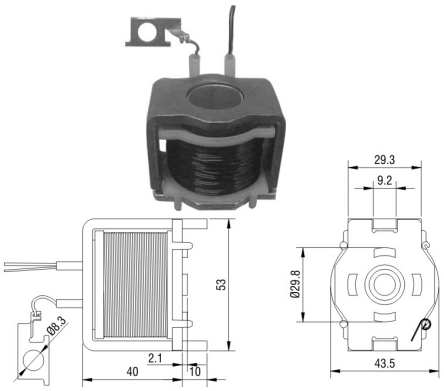
DELCO REMY: 40MT Starter Motor Series, 50MT Starter Motor Series, Motores de partida 40MT, Motores de partida 50MT.

MOTOR DE PARTIDA */ STARTER:*

DELCO REMY: 10478813, 10478877, 10478881, 10478910, 1109295, 1109545, 1109554, 1113500, 1113532, 1113537, 1113538, 1113543, 1113547, 1114748, 1114749, 1114750, 1114751, 1114752, 1114753, 1114754, 1114757, 1114758, 1114761, 1114765, 1114766, 1114769, 1114770, 1114771, 1114802, 1114807, 1114808, 1114809, 1114810, 1114811, 1114812, 1114814, 1114815, 1114817, 1114818, 1114819, 1114821, 1114822, 1114823, 1114825, 1114827, 1114828, 1114832, 1114834, 1114835, 1114836, 1114839, 1114882, 1114883, 1114884, 1114885, 1114886, 1114888, 1114889, 1114890, 1114891, 1114892, 1114893, 1114894, 1114895, 1114896, 1114897, 1114898, 1114899, 1114900, 1114901, 1114904, 1114906, 1114908, 1114911, 1114913, 1114927, 1114928, 1114929, 1114930, 1114931, 1114932, 1114933, 1114934, 1114938, 1114942, 1114943, 1114955, 1114956, 1114957, 1114960, 1114961, 1114967, 1114969, 1114975, 1114976, 1114977, 1114985, 1114986, 1114988, 1114990, 1114994, 1114997, 1990208, 1990209, 1990211, 1990212, 1990214, 1990215, 1990218, 1990219, 1990221, 1990223, 1990224, 1990261, 1990277, 1990280, 1990296, 1990299, 1990303, 1990325, 1990329, 1990481, 1993703, 1993859, 1993864, 1993968

SUBSTITUI */ REPLACE:*

DELCO REMY: 1115556, 1115565, 1115575.



Note: Single wire on left side, double wire on right side (Solenoid Coil and Bracket).
Nota: Um fio no lado esquerdo, dois fios no lado direito (Bobina do Solenóide e Suporte Fixador).

ZM 421 12v

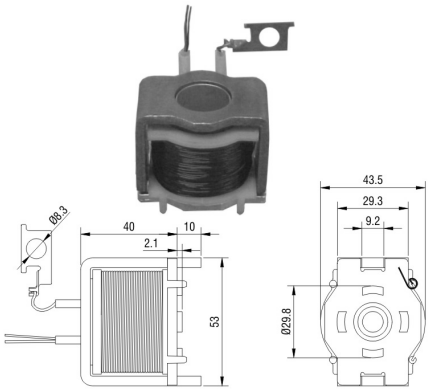
APLICAÇÃO */ USED ON:*

VEICULOS: OSGR Nippondenso Starters 1.2, 1.4, 1.8 Kw. Chrysler, Dodge, Plymouth, Harley Davidson motocycles since(1989=>2001).

MOTOR DE PARTIDA */ STARTER:*

SUBSTITUI */ REPLACE:*

DENSO: 128000-714, 128000-938.



Note: Single wire on right side, double wire on left side (Solenoid Coil and Bracket).
Nota: Um fio no lado direito, dois fios no lado esquerdo (Bobina do Solenóide e Suporte Fixador).

ZM 1-421 12v

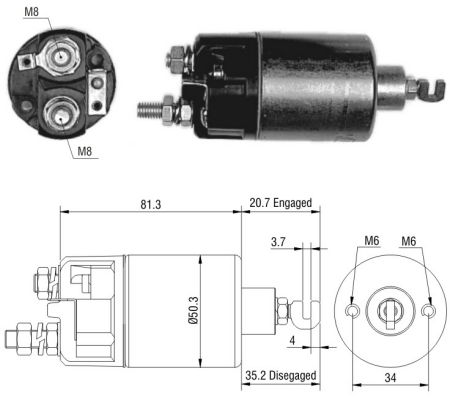
APLICAÇÃO */ USED ON:*

CHRYSLER-DODGE: B series, D series, Dodge Dakota, RAM, W series.

MOTOR DE PARTIDA */ STARTER:*

SUBSTITUI */ REPLACE:*

DENSO: 128000-781.



ZM 660 12v CAP ZM 660.96

APLICAÇÃO */ USED ON:*

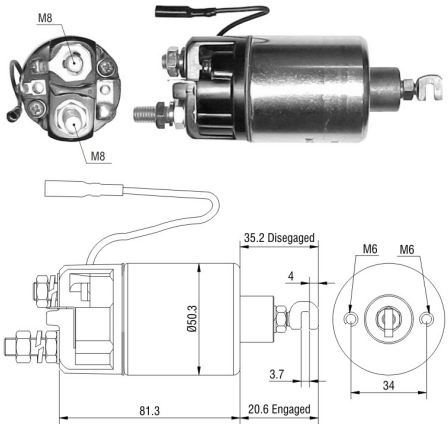
TOYOTA: Celica, Corona, Cressida, HiAce, Rav4.

MOTOR DE PARTIDA */ STARTER:*

DENSO: 028000-1013, 028000-1850, 028000-1973, 028000-1975, 028000-2001, 028000-2150, 028000-2151, 028000-2161, 028000-2260, 028000-2262, 028000-2263, 028000-2571, 028000-2572, 028000-2660, 028000-2681, 028000-2933, 028000-2970, 028000-3240, 028000-3241, 028000-4050, 028000-4490, 028000-4500, 028000-4680, 028000-5070, 028000-6220. SUBARU: 82991-6100. SUZUKI: 31100-63210, 31100-73010, 31100-74010, 31100-78010, 31100-78110, 31100-78210. TOYOTA: 28100-22011, 28100-22012, 28100-24030, 28100-24070, 28100-25010, 28100-25011, 28100-25012, 28100-26080, 28100-26130, 28100-33010, 28100-33011, 28100-36070, 28100-40010, 28100-40011, 28100-40012, 28100-40013, 28100-40014, 28100-40015, 28100-40041, 28100-40060

SUBSTITUI */ REPLACE:*

BOSCH: 1.987.001.000. DAIHATSU: 28150-22011-000, 28150-24061-000, 28150-25010-000, 28150-33020-000, 28150-34070-000, 28150-41011-000, 28150-87203-000. DENSO: 053400-1040, 053400-1260, 053400-1530, 053400-2880, 053400-3330, 053400-3350, 053400-3710, 053400-3810. KUBOTA: 15221-63020, 15231-63010, 15231-63020. MAZDA: 0221-23-764, 0578-23-764. MOTORCRAFT: SWE-1136, SWE-1450, SWE-1999. SUBARU: 39210-3902, 49210-7102, 89210-4122. SUZUKI: 31220-63210, 31220-73010, 31220-74010. TOYOTA: 28150-22011, 28150-24061, 28150-24070, 28150-24071, 28150-25010, 28150-25013, 28150-33020, 28150-33021, 28150-34070, 28150-41011, 28150-60040, 28150-87203.



ZM 661 12v

CAP ZM 661.96

APLICAÇÃO */ USED ON:*

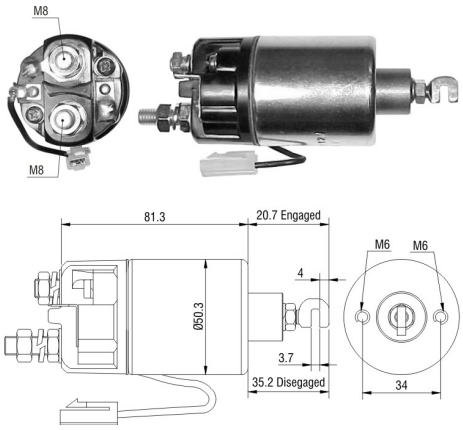
TOYOTA: 1000, Carina, Lite Ace, Starlet.

MOTOR DE PARTIDA */ STARTER:*

DENSO: 028000-1010, 028000-1970, 028000-2000, 028000-2160, 028000-2360, 028000-2680, 028000-2890, 028000-3000. FORD: D77Z-11002-A, D77Z-11002-B, D97Z-11002-A, E17Z-11002-B, E17Z-11002-C. KUBOTA: 15271-63011. TOYOTA: 28100-15140, 28100-22020, 28100-22021, 28100-24060, 28100-24080, 28100-25031, 28100-26150, 28100-33020, 28100-34010, 28100-34070

SUBSTITUI */ REPLACE:*

DENSO: 053400-1150, 053400-1151, 053400-1740, 053400-1870, 053400-1880, 053400-2120, 053400-2250, 053400-3000, 053400-3010, 053400-3370, 053400-6090. FORD: D27Z-11390-A, D27Z-11390-B, D77Z-11390-A, D77Z-1390-B. KUBOTA: 15231-63021. TOYOTA: 28150-12030, 28150-12031, 28150-23010, 28150-24010, 28150-24060, 28150-26030, 28150-41020.



ZM 662 12v

CAP ZM 662.96

APLICAÇÃO */ USED ON:*

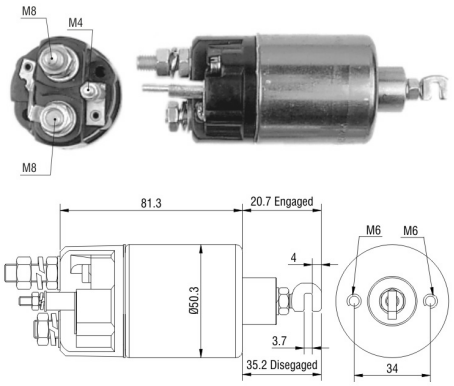
DAIHATSU: Charmant.

MOTOR DE PARTIDA */ STARTER:*

DENSO: 028000-3833, 028000-4332, 028000-4440, 028000-4810, 028000-4812, 028000-4820, 028000-5200, 028000-5201, 028000-5210, 028000-5912, 028000-9220, 028000-9221. TOYOTA: 28100-13010, 28100-23010, 28100-23011

SUBSTITUI */ REPLACE:*

BOSCH: 1.987.001.001. DENSO: 053400-2160, 053400-2550, 053400-3340. TOYOTA: 28150-23010, 28150-23011, 28150-36050, 28150-36051, 28150-60060.



ZM 664 12v

CAP ZM 664.96

APLICAÇÃO */ USED ON:*

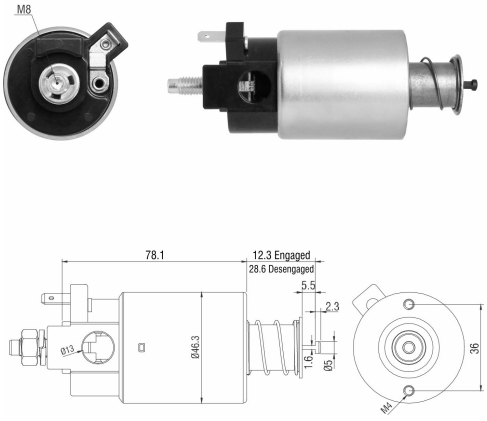
CHRYSLER-DODGE: Charger, Omni. CHRYSLER-PLYMOUTH: Horizon, Turismo.

MOTOR DE PARTIDA */ STARTER:*

CHRYSLER: 4057937, 5213085. DENSO: 028000-5090, 028000-5130, 028000-6720, 028000-7210

SUBSTITUI */ REPLACE:*

CHRYSLER: 5206265, 5206270, 5206636. DENSO: 053400-2140, 053400-2310, 053400-3160, 053400-3162, 053400-5180, 053400-5810. TOYOTA: 28150-35010, 28150-87103, 28150-87210.



ZM 665 12v

APLICAÇÃO */ USED ON:*

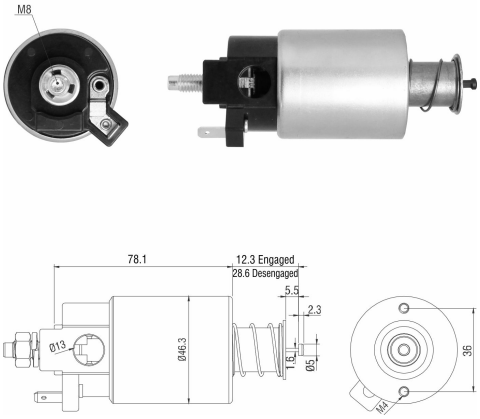
CHRYSLER-DODGE: 300, Challenger, Charger, Durango, RAM. JEEP: Grand Cherokee.

MOTOR DE PARTIDA */ STARTER:*

CHRYSLER: 04801852AB, 4801852AB, RL801852AB. DENSO: 428000-7210

SUBSTITUI */ REPLACE:*

DENSO: 53400-1360, 53400-1361.

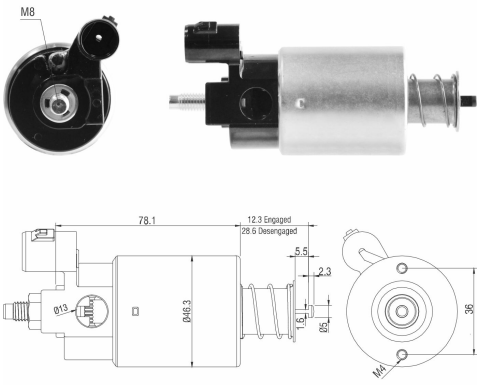


ZM 1-665 12v

APLICAÇÃO */ USED ON:*
CHRYSLER: 200, Town & Country. CHRYSLER-DODGE: Avenger, Grand Caravan, Journey, RAM. JEEP: Cherokee. RAM: 1500, C/V, ProMaster 1500, ProMaster 2500, ProMaster 3500. VOLKSWAGEN: Routan.

MOTOR DE PARTIDA */ STARTER:*
CHRYSLER: 04801839AB, 4801839AB, RL801839AB. DENSO: 428000-7200. VOLKSWAGEN: 7B0-911-023C, 7B0-911-023CXRMN

SUBSTITUI */ REPLACE:*

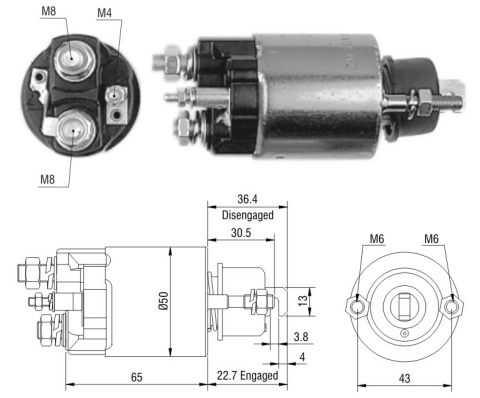


ZM 4-665 12v

APLICAÇÃO */ USED ON:*
CHRYSLER-DODGE: RAM. JEEP: Wrangler. RAM: 1500.

MOTOR DE PARTIDA */ STARTER:*
DENSO: 428000-9300

SUBSTITUI */ REPLACE:*

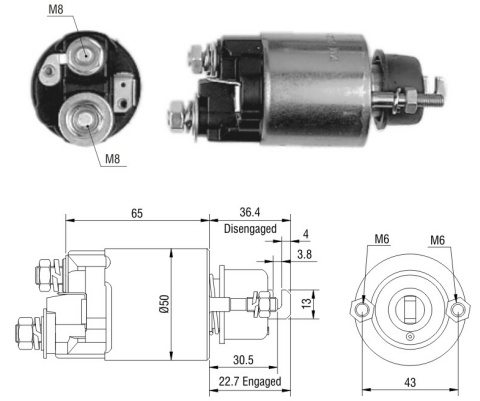


ZM 701 12v

APLICAÇÃO */ USED ON:*
CHRYSLER: Daytona, E Class, Laser, Le Baron, New Yorker. CHRYSLER-DODGE: 400, 600, Aries, Caravan, Charger, Daytona, Lancer. CHRYSLER-PLYMOUTH: Caravelle, Horizon, Reliant, Scamp, Turismo, Voyager.

MOTOR DE PARTIDA */ STARTER:*
CHRYSLER: 4339474, 5213590, 5213645, 5226742. DENSO: 028000-7170, 128000-2380

SUBSTITUI */ REPLACE:*
CHRYSLER: 5213313, 5213875. DENSO: 053400-5480.

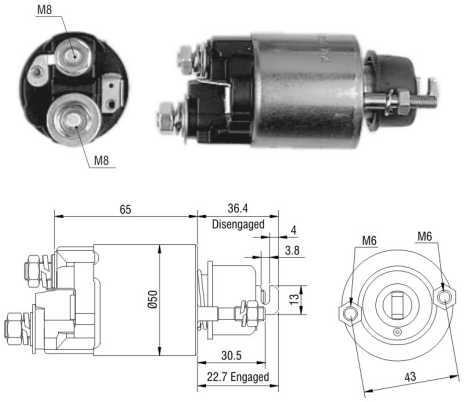


ZM 702 12v

APLICAÇÃO */ USED ON:*
HONDA: CRX, Civic, Wagovan.

MOTOR DE PARTIDA */ STARTER:*
DENSO: 028000-8010, 028000-8690, 028000-9094, 028000-9100, 028000-9490, 028000-9930, 128000-0290, 128000-0370, 128000-0670, 128000-1300, 128000-1310, 128000-4670, 128000-4710, 128000-5230, 128000-6121, 128000-6131, 128000-6141, 128000-9130, 128000-9180

SUBSTITUI */ REPLACE:*
DENSO: 053400-5280, 053400-5282, 053400-5290. HONDA: 31204-PC1-004, 31204-PC1-024.



ZM 703 12v

APLICAÇÃO */ USED ON:*

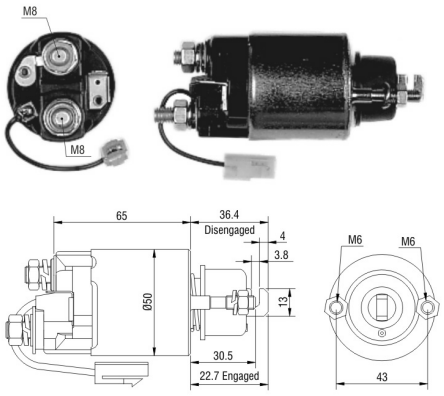
KUBOTA: Misc. Equipment. SUBARU: Coupe, DL, GF, GL, Wagon. TOYOTA: Starlet, Tercel.

MOTOR DE PARTIDA */ STARTER:*

DENSO: 028000-5330, 028000-6490, 028000-6520, 028000-6650, 028000-7131, 028000-7132, 028000-7133, 028000-9900, 128000-1620. ISUZU: 8-94251-088-1. SUBARU: 42991-7000. SUZUKI: 31100-82010. TOYOTA: 28100-10030, 28100-13020, 28100-15011

SUBSTITUI */ REPLACE:*

DENSO: 053400-3840, 053400-3890, 053400-3932, 053400-6550, 053400-7270. ISUZU: 8-94151-210-0. SUBARU: 49210-5602, 49210-7002, 89210-4122. SUZUKI: 31220-84010. TOYOTA: 28150-15010, 28150-15012, 28150-15013.



ZM 704 12v

APLICAÇÃO */ USED ON:*

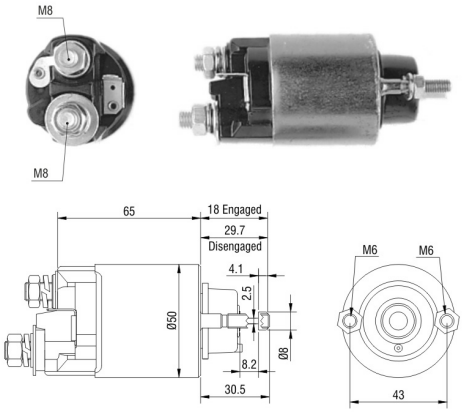
TOYOTA: Tercel.

MOTOR DE PARTIDA */ STARTER:*

TOYOTA: 28100-31030, 28100-34090

SUBSTITUI */ REPLACE:*

DENSO: 053400-4430, 053400-4431, 053400-4640, 053400-4642, 053400-4643.



ZM 705 12v

APLICAÇÃO */ USED ON:*

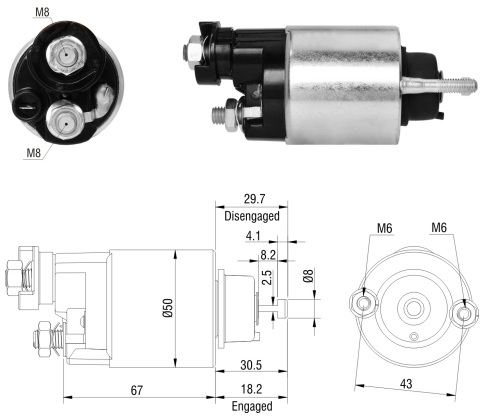
AGRALE: Trator, Trator 4100. GM-CHEVROLET: Spectrum. GM-ISUZU: I-Mark. JOHN DEERE: Misc. Lawn Equipment, Mowers - Front, Mowers - Riding, Mowers - Walk Behind, Tractor. KAWASAKI: UTV (Utility Terrain Vehicle). KUBOTA: Tractor. MASSEY FERGUSON: Tractor.

MOTOR DE PARTIDA */ STARTER:*

AGRALE: 8002.121.185.00.1. BOMBARDIER: DAW26844. DENSO: 128000-2890, 128000-4020, 128000-4270, 128000-4520, 128000-4800, 128000-5680, 128000-6210, 128000-6420, 128000-7050, 128000-7400, 128000-7480, 128000-8530, 128000-8890, 228000-7160. JOHN DEERE: AW26844. KAWASAKI: 21163-2089. SUZUKI: 31100-64G00. TOYOTA: 28100-11010, 28100-11020

SUBSTITUI */ REPLACE:*

AGRALE: 8002.121.274.00.3. DENSO: 053400-7130, 053400-7800, 053400-8730. ISUZU: 8-94361-908-0. TOYOTA: 28150-10020, 28150-10021, 28150-87509, 28150-87510.



ZM 2-705 12v

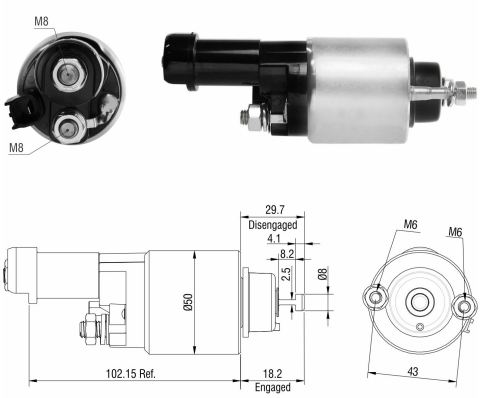
APLICAÇÃO */ USED ON:*

HONDA: Civic.

MOTOR DE PARTIDA */ STARTER:*

DENSO: 228000-9651, 228000-9652. HONDA: DSDEV

SUBSTITUI */ REPLACE:*

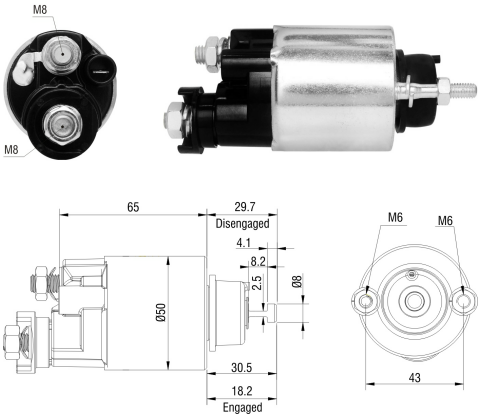


ZM 3-705 12v

APLICAÇÃO */ USED ON:*
ACURA: MDX. DENSO: PLGR Starter Motor Series. FIAT: Panda. HONDA: Accord, CR-V, City, Civic, FR-V.

MOTOR DE PARTIDA */ STARTER:*
DENSO: 428000-3410, 428000-3420, 428000-4120, 428000-4540, 428000-4541, 428000-5000, 428000-5001, 428000-5010, 428000-5011, 428000-5280. HONDA: 31200-RNA-003, 31200-RNA-A01, 31200-RNA-A11, 31200-RYE-A01, 31200-RZP-G01, DS4R5, DS4R7, DS4RC, DS4RD

SUBSTITUI */ REPLACE:*
HONDA: 31204-RNA-003, 31204-RNA-A01.

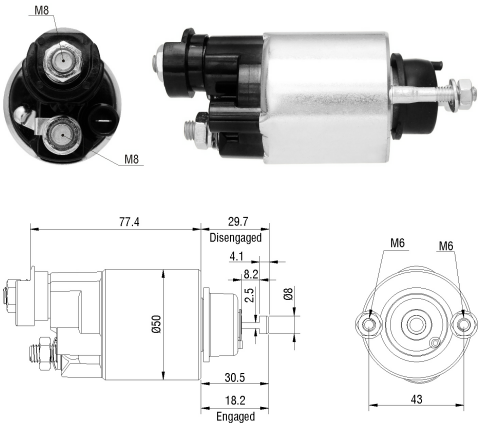


ZM 4-705 12v

APLICAÇÃO */ USED ON:*
ACURA: EL. DENSO: PLGR Starter Motor Series. HONDA: Civic.

MOTOR DE PARTIDA */ STARTER:*
DENSO: 228000-9580, 228000-9641, 428000-0320, 428000-0321. HONDA: 31200-PLR-A01, 31200-PLR-A02, DJDE4, DSDEU

SUBSTITUI */ REPLACE:*
DENSO: 153400-7610.

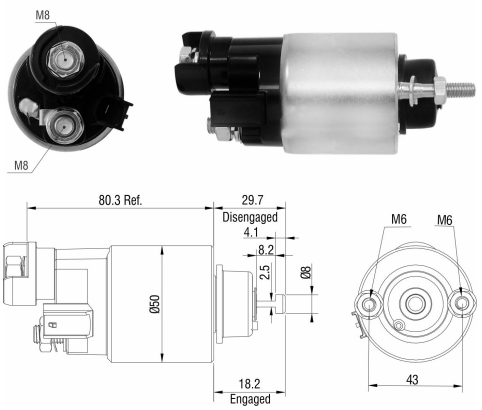


ZM 6-705 12v

APLICAÇÃO */ USED ON:*
HONDA: Fit, Jazz.

MOTOR DE PARTIDA */ STARTER:*
DENSO: 428000-0950, 428000-0960

SUBSTITUI */ REPLACE:*

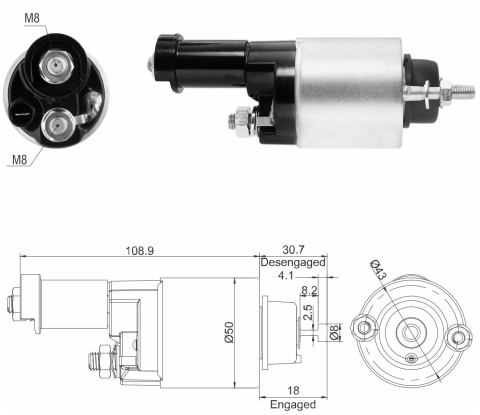


ZM 7-705 12v

APLICAÇÃO */ USED ON:*
HONDA: Fit.

MOTOR DE PARTIDA */ STARTER:*
DENSO: 428000-3390. HONDA: 31200-PWA-901, 31200-PWA-901RM, 31200-RB1-013, 31200-RMP-W0Z, DSKEF

SUBSTITUI */ REPLACE:*
HONDA: 31204-RSH-E01.

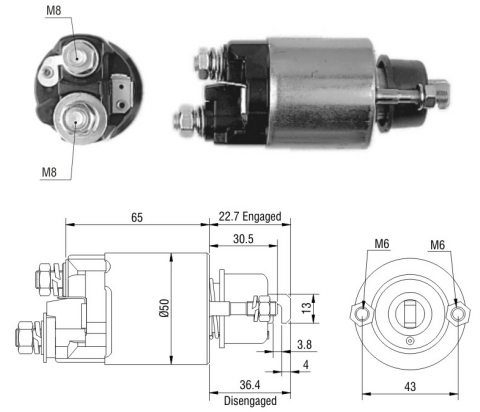


ZM 9-705 12v

APLICAÇÃO */ USED ON:*
HONDA: CR-V, Civic.

MOTOR DE PARTIDA */ STARTER:*

SUBSTITUI */ REPLACE:*
DENSO: 053400-7791.

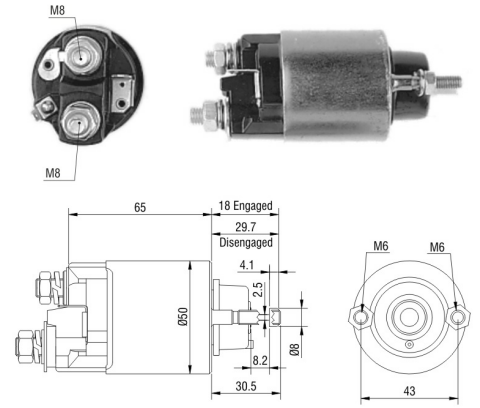


ZM 706 12v

APLICAÇÃO */ USED ON:*
KUBOTA: Carriers, Misc. Equipment, Tractor. MAZDA: MX-3.

MOTOR DE PARTIDA */ STARTER:*
DENSO: 028000-7460, 028000-7470, 028000-7480, 028000-7510, 028000-7780, 028000-9570. KUBOTA: 14278-63012, 15221-63016, 15231-63014, 15231-63022, 16097-61361, 19293-63011

SUBSTITUI */ REPLACE:*
DENSO: 053400-4432, 053400-5050, 053400-5240. TOYOTA: 28150-15011, 28150-37010, 28150-87704.

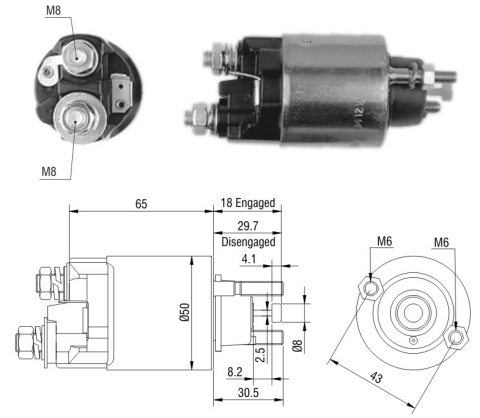


ZM 707 12v

APLICAÇÃO */ USED ON:*
SUZUKI: Alto, SB 308.

MOTOR DE PARTIDA */ STARTER:*
DENSO: 128000-4032, 128000-4040, 128000-4061, 128000-4130, 128000-4180, 128000-5060, 128000-5540, 128000-6660, 128000-7620

SUBSTITUI */ REPLACE:*
DENSO: 053400-8510.

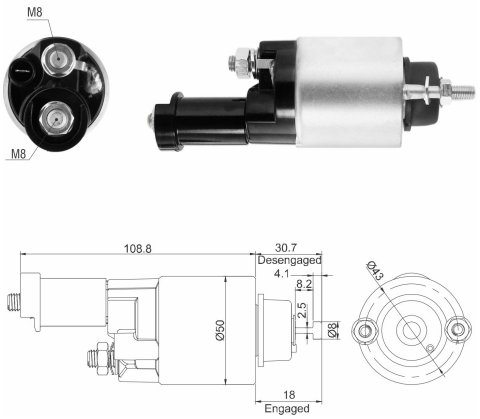


ZM 708 12v

APLICAÇÃO */ USED ON:*
DAIHATSU: Hi-Jet 850.

MOTOR DE PARTIDA */ STARTER:*
DENSO: 128000-3662, 228000-4490

SUBSTITUI */ REPLACE:*
DENSO: 053400-8750. HONDA: 31204-679-014, 31220-51A-10, 31220-52A-20. ISUZU: 8-94455-179-0. NISSAN: 23343-KA040. TOYOTA: 28150-11710, 28150-11711, 28150-87208, 28150-87512.

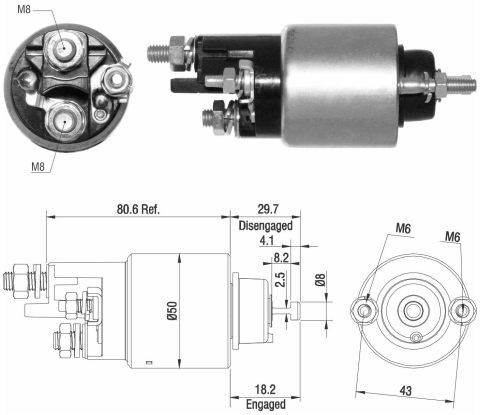


ZM 1-708 12v

APLICAÇÃO */ USED ON:*
HONDA: Accord.

MOTOR DE PARTIDA */ STARTER:*

SUBSTITUI */ REPLACE:*
DENSO: 053400-7780.

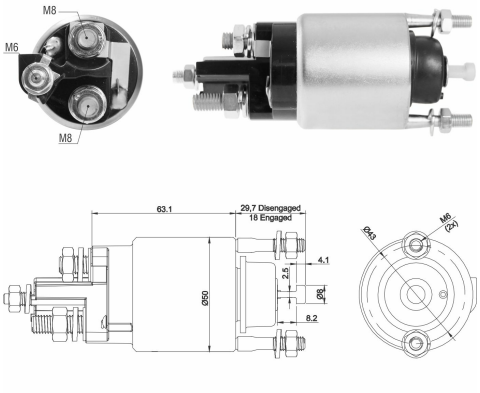


ZM 2-708 12v

APLICAÇÃO */ USED ON:*
MERCEDES-BENZ: C-Class, CLC-Class, CLK-Class, E-Class, Sprinter.

MOTOR DE PARTIDA */ STARTER:*
DENSO: 428000-4600, DNS968. MERCEDES-BENZ: A0061512501, A006151250180, A0061514601, A0061517401, A006151740180

SUBSTITUI */ REPLACE:*

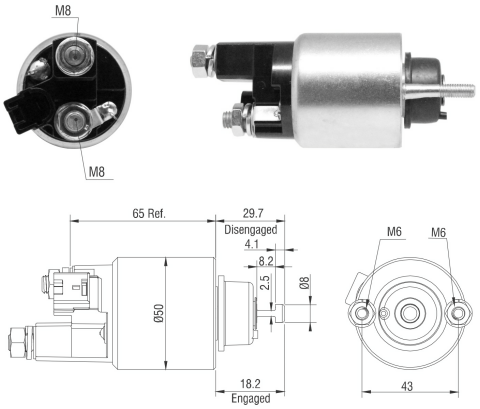


ZM 3-708 12v

APLICAÇÃO */ USED ON:*
MERCEDES-BENZ: C-Class, E-Class, GLK-Class, Sprinter, Viano, Vito.

MOTOR DE PARTIDA */ STARTER:*
DENSO: 428000-5510, DSN967. MERCEDES-BENZ: 0061514501, 6519060026, A0061514501, A6519060026

SUBSTITUI */ REPLACE:*

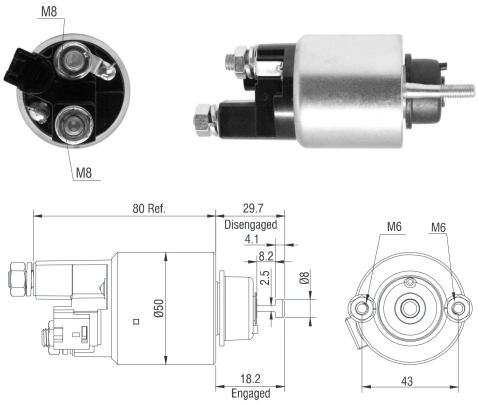


ZM 4-708 12v

APLICAÇÃO */ USED ON:*
TOYOTA: Corolla, Echo, Paseo, Tercel, Verso, Yaris.

MOTOR DE PARTIDA */ STARTER:*
DELCO REMY: DRS3384. DENSO: 228000-0940, 228000-0941, 228000-1100, 228000-2900, 228000-4020, 228000-4030, 228000-6730, 228000-6740, 228000-6750, 228000-6760, 228000-6840, 228000-8350, 228000-8360, 228000-8540, 228000-8550, 228000-9530, 228000-9540. TOYOTA: 28100-11140, 28100-16150, 28100-16160, 28100-16230, 28100-21020, 28100-21030

SUBSTITUI */ REPLACE:*
DENSO: 153400-1520, 153400-3750. TOYOTA: 28150-16160.

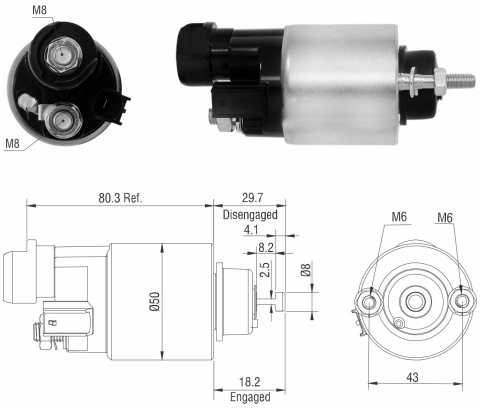


ZM 5-708 12v

APLICAÇÃO */ USED ON:*
TOYOTA: Corolla Altis.

MOTOR DE PARTIDA */ STARTER:*

SUBSTITUI */ REPLACE:*
DENSO: 153400-9520.

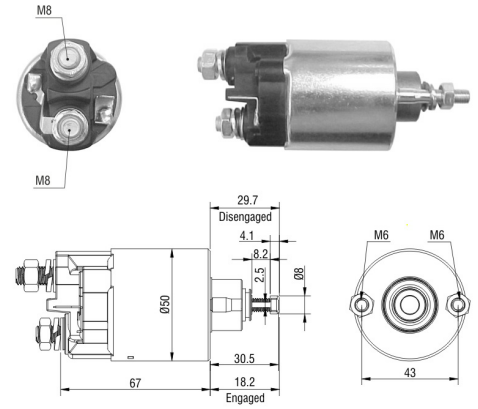


ZM 6-708 12v

APLICAÇÃO */ USED ON:*
HONDA: City, Fit, Jazz.

MOTOR DE PARTIDA */ STARTER:*
DENSO: 428000-5800

SUBSTITUI */ REPLACE:*
DENSO: 153400-8000.

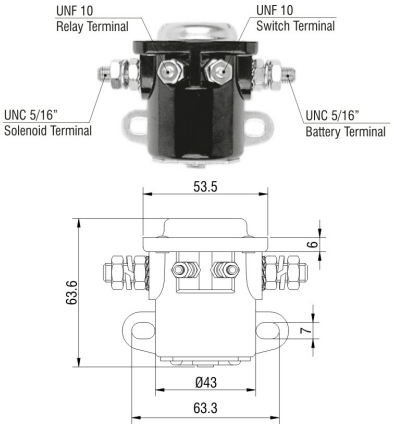


ZM 709 12v

APLICAÇÃO */ USED ON:*
LAND ROVER / ROVER GROUP: Rover 75.

MOTOR DE PARTIDA */ STARTER:*
DENSO: 228000-7791

SUBSTITUI */ REPLACE:*

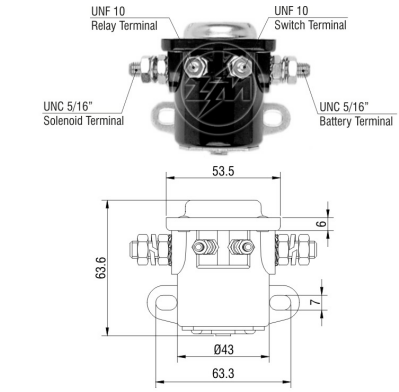


ZM 401 12v

APLICAÇÃO */ USED ON:*
FORD: Lincoln, Mercury. VEICULOS: Ford, Lincoln, Mercury.

MOTOR DE PARTIDA */ STARTER:*

SUBSTITUI */ REPLACE:*
BOSCH: F.042.010.087. FORD: B6AZ-11450-A, BD7T-11450-A, C7AF-11450-A, D2DZ-11450-A, D9AZ-11450-A. MOTORCRAFT: SW3. VISTEON: B6AZ-11450-A. VOLKSWAGEN: TD2-911-251A.



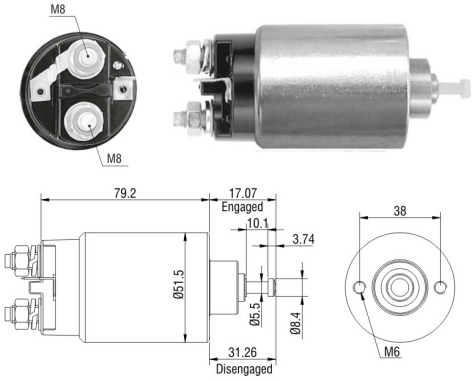
Note: Similar to ZM 401 application with in 24 V.
Nota: Similar ao ZM 401 com aplicação em 24 V.

ZM 2-401 24v

APLICAÇÃO */ USED ON:*
24V: Universal Automotive Rele Switch
Relé Automotivo Universal.

MOTOR DE PARTIDA */ STARTER:*

SUBSTITUI */ REPLACE:*



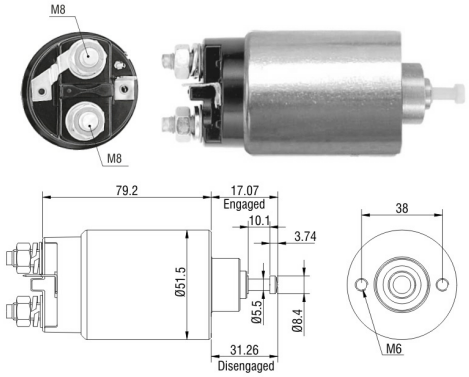
Note: Similar to ZM 1-760 except tinned contact bolts.
Nota: Similar ao ZM 1-760 sem estanho nos parafusos de contato.

ZM 760 12v CAP ZM 760.96

APLICAÇÃO */ USED ON:*
FORD: Taurus, Tempo, Windstar. FORD-LINCOLN: Continental. FORD-MERCURY: Sable, Topaz.

MOTOR DE PARTIDA */ STARTER:*
FORD: E90F-11000-AA, E90F-11000-BA, E90Y-11002-A, E90Y-11002-B, E9SF-11000-AA, E9SF-11000-BA, E9SZ-1100-2B, E9SZ-11002-A, F02F-11000-AA, F02U-11000-AA, F02Z-1100-2A, F07U-11000-AA, F07U-11000-BA, F0CF-11000-AA, F0CF-11000-BA, F0CU-11000-AA, F0CU-11000-AB, F0CU-11000-BA, F0CU-11001-AA, F0CU-11001-AB, F0CU-11001-BA, F0FZ-1100-2A, F0FZ-1100-2B, F0OU-11000-AA, F0OY-1100-2A, F0TZ-11002-A, F0TZ-11002-B, F13U-11000-AA, F13Z-11002-A, F17U-11000-AB, F1TZ-11002-A, F1VU-11000-AA, F1VY-11002-A, F23U-11000-AA, F23U-11000-BC, F23Z-11002-A, F23Z-11002-B, F2DU-11000-AA, F2DU-11000-BA, F2DZ-11002-A, F2HT-11000-AA, F2HT-11000-BA, F2HZ-11002-A, F2HZ-11002-B, F2TU-11000-AA, F2TU-11000-BA, F2TU-11000-CA, F2TZ-11000-AC, F2TZ-11002-A, F2TZ-11002-B, F2TZ-11002-C, F2VU-11000-AD, F2VY-11002-A, F3DU-11000-AA, F3DU-11000-BA, F3DZ-11002-A, F3DZ-11002-B, F3LU-11000-AA, F3LY-11002-A, F4CU-11000-AA, F4CU-11000-BA, F4FU-11000-AA, F67U-11000-AA, F67Z-11002-AA, F6DU-11000-AA, F6DZ-11002-A. VISTEON: F6DZ-11002-A

SUBSTITUI */ REPLACE:*
FORD: E90Z-11390-B, E9OZ-11390-A, F02Z-11390-A, F3VY-11390-A, F3VY-11390-B, F4DZ-11390-A. MOTORCRAFT: SW-2188, SW-2207, SW-2245, SW-2502, SW-2502A, SW-5038. VISTEON: F3VY-11390-A.



Note: Similar to ZM 760 with tinned contact bolts.
Nota: Similar ao ZM 760 com parafusos de contato estanhados.

ZM 1-760 12v

CAP ZM 1-760.96

APLICAÇÃO */ USED ON:*

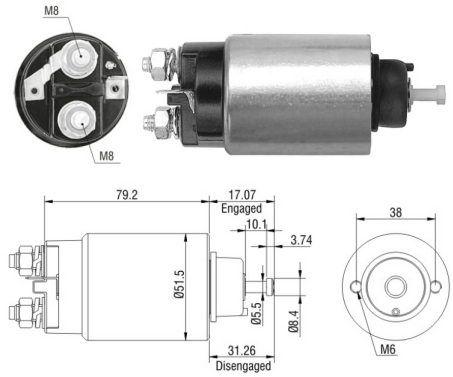
FORD: Taurus, Tempo, Windstar. FORD-LINCOLN: Continental. FORD-MERCURY: Sable, Topaz.

MOTOR DE PARTIDA */ STARTER:*

FORD: E9SF-11000-AA, E9SF-11000-BA, E9SZ-11002-A, E9SZ-11002-B, E9Y1-11002-A, E9Y1-11002-B, F02F-11000-AA, F02U-11000-AA, F02Z-11002-A, F07U-11000-AA, F07U-11000-BA, F0CF-11000-AA, F0CF-11000-BA, F0CU-11000-AA, F0CU-11000-AB, F0CU-11000-BA, F0CU-11001-AA, F0CU-11001-AB, F0CU-11001-BA, F0FZ-11002-A, F0FZ-11002-B, F0OU-11000-AA, F0OY-11002-A, F0TZ-11002-A, F0TZ-11002-B, F13U-11000-AA, F13Z-11002-A, F17U-11000-AB, F1TZ-11002-A, F1VU-11000-AA, F1VY-11002-A, F23U-11000-AA, F23U-11000-BC, F23Z-11002-A, F23Z-11002-B, F2DU-11000-AA, F2DU-11000-BA, F2DZ-11002-A, F2HT-11000-AA, F2HT-11000-BA, F2HZ-11002-A, F2HZ-11002-B, F2TU-11000-AA, F2TU-11000-BA, F2TU-11000-CA, F2TZ-11002-A, F2TZ-11002-B, F2TZ-11002-C, F2VY-11000-AC, F2VY-11000-AD, F2VY-11002-A, F3DU-11000-AA, F3DU-11000-BA, F3DZ-11002-A, F3DZ-11002-B, F3LU-11000-AA, F3LY-11002-A, F4CU-11000-AA, F4CU-11000-BA, F4FU-11000-AA, F4LU-11000-AA, F67U-11000-AA, F67Z-11002-AA, F6DU-11000-AA, F6DZ-11002-A, F90F-11000-AA, F90F-11000-BA

SUBSTITUI */ REPLACE:*

FORD: E90Z-11390-A, E90Z-11390-B, F02Z-11390-A, F3VY-11390-A, F3VY-11390-B, F4DZ-11390-A. MOTORCRAFT: SW2188, SW2207, SW2245, SW2502, SW2502A, SW5038.



ZM 4-760 12v

CAP ZM 2-760.96

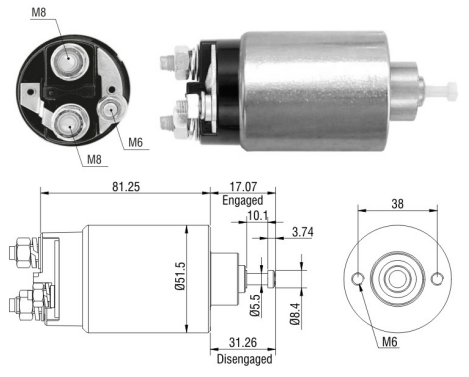
APLICAÇÃO */ USED ON:*

FORD: Ford Explorer, Aerostars and Rangers, 4.0L, A/T (It Fits all 1997).

MOTOR DE PARTIDA */ STARTER:*

FORD: F77U-11000-AA. VISTEON: F77U-11000-AA

SUBSTITUI */ REPLACE:*



Note: Similar to ZM 1-761 except tinned contact bolts.
Nota: Similar ao ZM 1-761 sem estanho nos parafusos de contato.

ZM 761 12v

CAP ZM 761.96

APLICAÇÃO */ USED ON:*

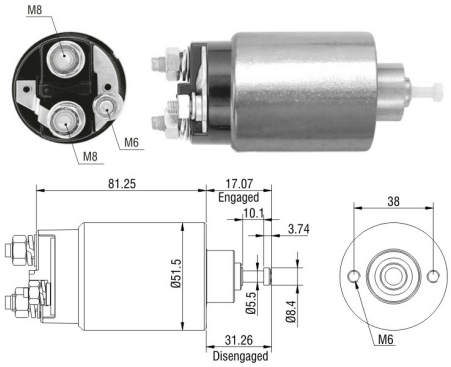
FORD: Courier, Escort, Fiesta, Ka, Ranger, Taurus, Thunderbird. FORD-LINCOLN: Continental, LS. FORD-MERCURY: Sable. JAGUAR: X-Type. MAZDA: B series.

MOTOR DE PARTIDA */ STARTER:*

FORD: 93BB-11000-HB, 96BB-11000-AB, 97VB-11000-A, 97VB-11000-B, F3RZ-11002-A, F3RZ-11002-B, F3RZ-11002-C, F5OY-11002-A, F87U-11000-DC, SA-813, SA-814, SA-815, SA-818, XS6U-11000-AC. VISTEON: XS6U-11000-AC

SUBSTITUI */ REPLACE:*

BOSCH: F.042.010.038. FORD: F3RZ-11390-A, F3RZ-11390-B, F78Z-11390-AA, XS6U-11390-AA. MOTORCRAFT: SW-2506, SW-2507, SW-818. VISTEON: XS6U-11390-AA.



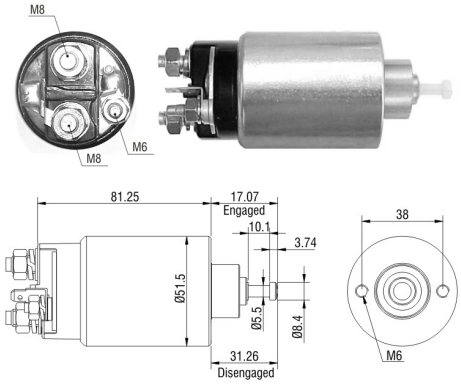
Note: Similar to ZM 761 with tinned contact bolts.
Nota: Similar ao ZM 761 com parafusos de contato estanhados.

ZM 1-761 12v CAP ZM 1-761.96

APLICAÇÃO */ USED ON:*
FORD: Courier, Escort, Fiesta, Ka, Ranger, Taurus, Thunderbird. FORD-LINCOLN: Continental, LS. FORD-MERCURY: Sable. JAGUAR: X-Type. MAZDA: B series.

MOTOR DE PARTIDA */ STARTER:*
FORD: 96BB-11000-AB, 97VB-11000-B, F3RZ-11002-A, F3RZ-11002-B, F3RZ-11002-C, F5OY-11002-A, F87U-11000-DC, SA-813, SA-814, SA-815, SA-818, XS6U-11000-AC. VISTEON: XS6U-11000-AC

SUBSTITUI */ REPLACE:*
BOSCH: F.042.010.038. FORD: F3RZ-11390-A, F3RZ-11390-B, F78Z-11390-A, XS6U-11390-AA. MOTORCRAFT: SW-2506, SW-2507, SW-5204.



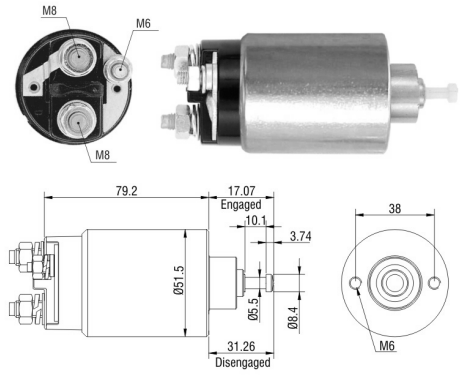
Note: Similar to ZM 1-761 with spade terminal.
Nota: similar ao ZM 1-761 com terminal espada.

ZM 8-761 12v CAP ZM 8-761.96

APLICAÇÃO */ USED ON:*
FORD: Courier, Escort, Fiesta, Ka, Ranger, Taurus, Thunderbird. FORD-LINCOLN: Continental, LS. FORD-MERCURY: Sable. JAGUAR: X-Type. MAZDA: B series.

MOTOR DE PARTIDA */ STARTER:*
FORD: PMGR Starters. VISTEON: PMGR Starters

SUBSTITUI */ REPLACE:*
FORD: PMGR Starters. VISTEON: PMGR Starters.



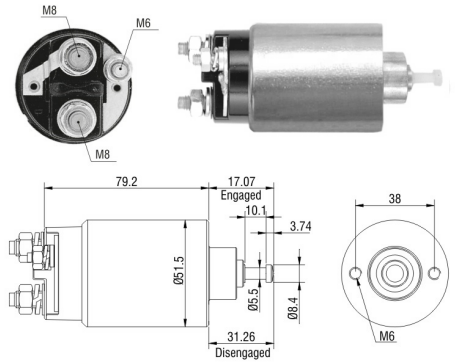
Note: Similar to ZM 1-762 except tinned contact bolts.
Nota: Similar ao ZM 1-762 sem estanho nos parafusos de contato.

ZM 762 12v CAP ZM 762.96

APLICAÇÃO */ USED ON:*
FORD: Crown Victoria, E series, Expedition, F series. FORD-LINCOLN: Mark, Navigator, Town Car. FORD-MERCURY: Cougar, Marquis.

MOTOR DE PARTIDA */ STARTER:*
FORD: F6VU-11000-AA, F6VZ-11002-AA, SA-822. VISTEON: F6VU-11000-AA

SUBSTITUI */ REPLACE:*
FORD: F6VZ-11390-AA. MOTORCRAFT: SW-5112, SW-5203. VISTEON: F6VZ-11390-AA.



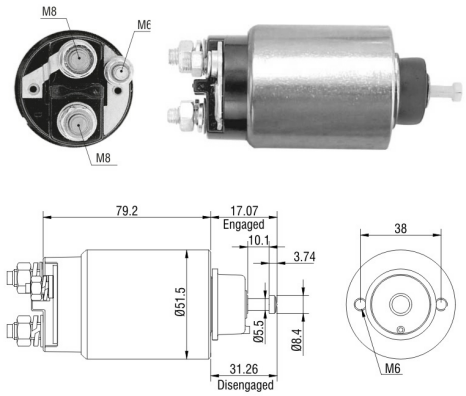
Note: Similar to ZM 762 with tinned contact bolts.
Nota: Similar ao ZM 762 com parafusos de contato estanhados.

ZM 1-762 12v CAP ZM 1-762.96

APLICAÇÃO */ USED ON:*
FORD: Crown Victoria, E series, Expedition, F series. FORD-LINCOLN: Mark, Navigator, Town Car. FORD-MERCURY: Cougar, Marquis.

MOTOR DE PARTIDA */ STARTER:*
FORD: F6VU-11000-AA, F6VZ-11000-AA, SA-822. VISTEON: F6VU-11000-AA

SUBSTITUI */ REPLACE:*
FORD: F6VZ-11390-AA. MOTORCRAFT: SW-5112, SW-5203. VISTEON: F6VZ-11390-AA.



ZM 2-762 12v

CAP ZM 1-762.96

APLICAÇÃO */ USED ON:*

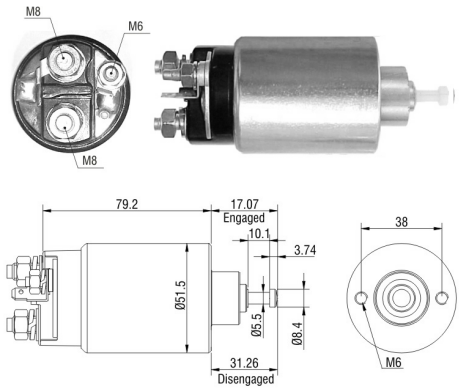
FORD: Crown Victoria, E series, Explorer, Mustang. FORD-LINCOLN: Aviator, Town Car. FORD-MERCURY: Marauder, Marquis, Mountaineer.

MOTOR DE PARTIDA */ STARTER:*

FORD: F75U-11000-AB, F75U-11000-AC, F75Z-11002-AA, F7UU-11000-AA, F7UZ-11002-AA, F81U-11000-AA, F81U-11000-AC, F81Z-11002-AA, SA-842, SA-848, SA-873, SA-875, XL1U-11000-AA, XL1U-11000-AB, XL1Z-11002-AA. VISTEON: XL1Z-11002-AA

SUBSTITUI */ REPLACE:*

FORD: F75Z-11390-AA, F8ZZ-11390-BA. MOTORCRAFT: SW-5189. VISTEON: F75Z-11390-AA.



Note: Similar to ZM 1-762 with spade terminal.
Nota: similar ao ZM 1-762 com terminal espada.

ZM 8-762 12v

CAP ZM 8-762.96

APLICAÇÃO */ USED ON:*

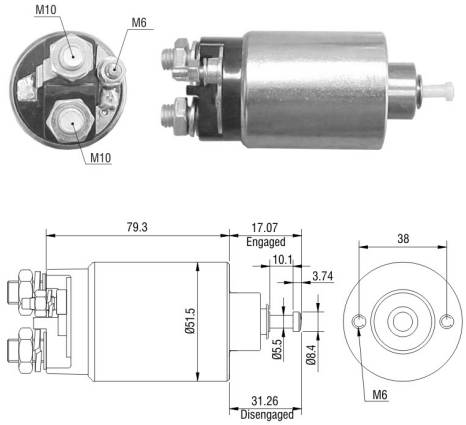
FORD: Crown Victoria, E series, Expedition, F series. FORD-LINCOLN: Mark, Navigator, Town Car. FORD-MERCURY: Cougar, Marquis.

MOTOR DE PARTIDA */ STARTER:*

FORD: PMGR Starters. VISTEON: PMGR Starters

SUBSTITUI */ REPLACE:*

FORD: PMGR Starters. VISTEON: PMGR Starters.



ZM 766 12v

APLICAÇÃO */ USED ON:*

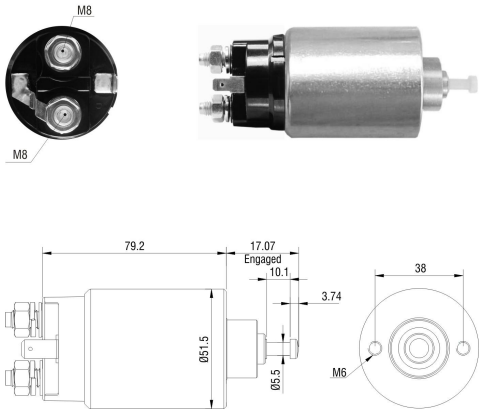
FORD: E series, Excursion, F series, Heavy-Duty Trucks 450 series, Heavy-Duty Trucks 550 series, Heavy-Duty Trucks 650 series, Heavy-Duty Trucks 750 series, Medium Trucks 450 series, Medium Trucks 550 series, Medium Trucks 650 series, Medium Trucks 750 series.

MOTOR DE PARTIDA */ STARTER:*

FORD: 1C3U-11000-AA, 1C3U-11000-AB, 1C3U-11000-AE, 1C3Z-11002-AA, 2C3T-11000-AA, 2C3Z-11002-AA. VISTEON: 1C3U-11000-AA, 1C3U-11000-AB, 1C3U-11000-AE, 1C3Z-11002-AA, 2C3T-11000-AA, 2C3Z-11002-AA

SUBSTITUI */ REPLACE:*

FORD: XG-11390-908813. VISTEON: XG-11390-908813.



ZM 769 12v

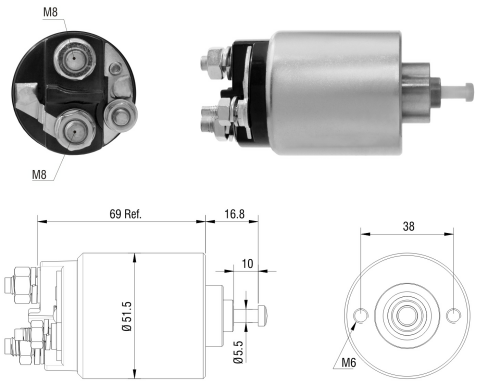
APLICAÇÃO */ USED ON:*

FORD: Ranger. MAZDA: B 2500, B series, BT-50, MPV.

MOTOR DE PARTIDA */ STARTER:*

FORD: F8RU-11000-AA, F8RU-11000-CA. MAZDA: WL01-18-400, WL02-18-4000, WL02-18-400A, WL61-18-400, WL81-18-400, WL91-18-400

SUBSTITUI */ REPLACE:*



ZM 961 12v

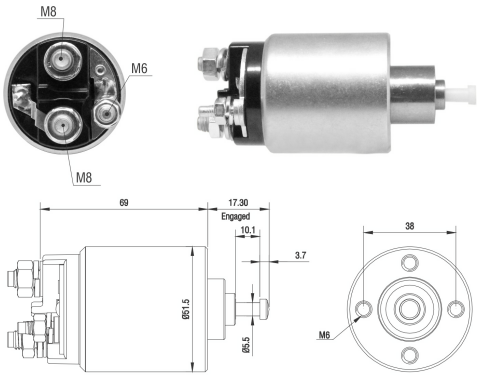
APLICAÇÃO */ USED ON:*

FORD: C-Max, Fiesta, Focus, Fusion, Puma. VOLVO: C30, S40, S60, S80, V50, V60, V70, XC60.

MOTOR DE PARTIDA */ STARTER:*

FORD: 1251700, 3M5T-11000-AE, 5S4T-11000-AA, 6G9N-11000-AA, YC1U-11000-AB, YS4U-11000-BA, YS4U-11000-DA. VOLVO: 36002497, 8603292, 8603689

SUBSTITUI */ REPLACE:*



ZM 1-961 12v

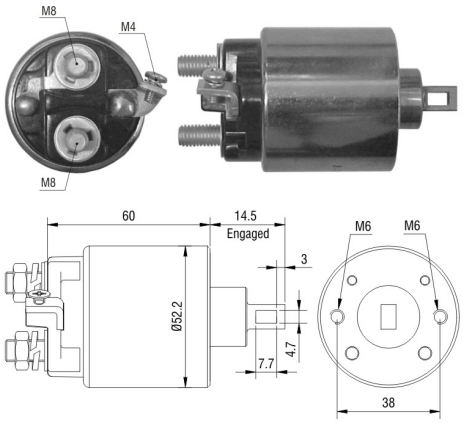
APLICAÇÃO */ USED ON:*

FORD: C-Max, Focus.

MOTOR DE PARTIDA */ STARTER:*

FORD: 4M5T-11000-AA, 4M5T-11000-AB, 4M5T-11000-AC, VP2N1-U11131-BA. VISTEON: 20-100-01028, 20-100-0128

SUBSTITUI */ REPLACE:*



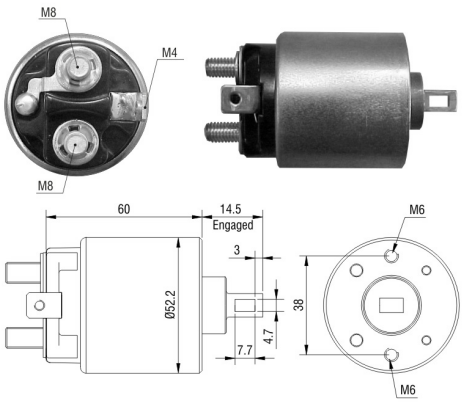
ZM 410 12v

CAP ZM 410.96

APLICAÇÃO */ USED ON:*
GM-OPEL: Astra, Combo, Corsa, Vectra.

MOTOR DE PARTIDA */ STARTER:*
HITACHI: S114-850

SUBSTITUI */ REPLACE:*
HITACHI: 2114-37613, 2114-97612.



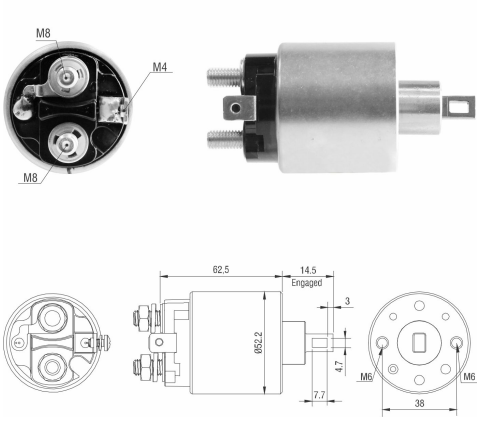
ZM 411 12v

CAP ZM 411.96

APLICAÇÃO */ USED ON:*
GM-OPEL: Astra, Vectra.

MOTOR DE PARTIDA */ STARTER:*

SUBSTITUI */ REPLACE:*



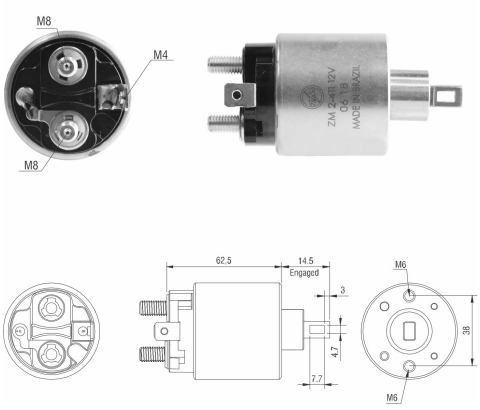
ZM 1-411 12v

CAP ZM 411.96

APLICAÇÃO */ USED ON:*
THERMO-KING: Equipamentos de Refrigeração.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: SR5059X. ISUZU: 8971185420, 8972286640. THERMO KING: 10-45-1993, 45-1993

SUBSTITUI */ REPLACE:*
THERMO KING: 41-4487.



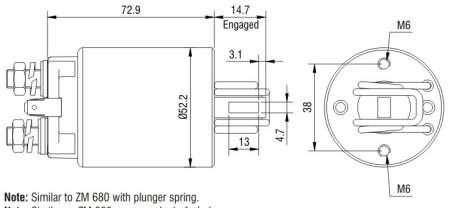
ZM 2-411 12v

APLICAÇÃO */ USED ON:*
THERMO-KING: Equipamentos de Refrigeração.

MOTOR DE PARTIDA */ STARTER:*
FORD: 10465436. HITACHI: S13211, S13289, S13289A, S1389, S1389A, S1389B, S1389C. ISUZU: 8944299770, 8944299771. THERMO KING: 45-1263

SUBSTITUI */ REPLACE:*
HITACHI: 1811510540, 211497509, 213027003, 213057001, 213097006, 23343W1700, 23343W2500, 5811510540, 8942044380, 8943189680. ISUZU: 1811510540. THERMO KING: 420100.





Note: Similar to ZM 680 with plunger spring.
Nota: Similar ao ZM 680 com a mola do êmbolo.

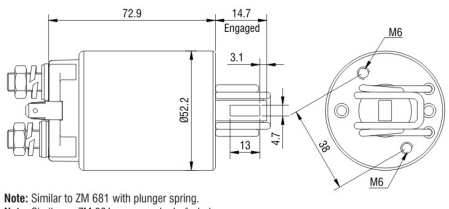
ZM 581 — 12v — CAP ZM 680.96

APLICAÇÃO */ USED ON:*
MASSEY FERGUSON: Tractor. NISSAN: 200, 280, 510, 610, 620, 710, Bluebird, Datsun, Laurel, Patrol.

MOTOR DE PARTIDA */ STARTER:*
HITACHI: S108-85, S108-86, S108-91, S114-146, S114-170B, S114-180, S114-254A

SUBSTITUI */ REPLACE:*
BOSCH: 1.987.001.012. HITACHI: 2114-57001. HONDA: 31204-634-005. NISSAN: 23343-N3300, 23343-N3301.





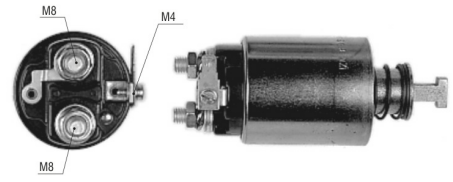
Note: Similar to ZM 681 with plunger spring.
Nota: Similar ao ZM 681 com a mola do êmbolo.

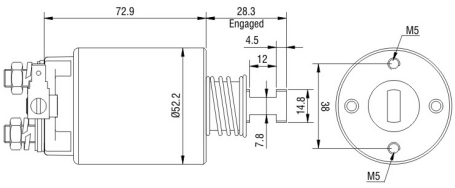
ZM 582 — 12v — CAP ZM 680.96

APLICAÇÃO */ USED ON:*
NISSAN: 510, 610, 620, 710, Sunny. RENAULT: R12, R15, R17.

MOTOR DE PARTIDA */ STARTER:*
HITACHI: S13-47, S13-50, S13-64, S13-69

SUBSTITUI */ REPLACE:*
BOSCH: 1.987.001.009, F.042.010.434. HITACHI: 2114-77004. NISSAN: 23343-H5000, 23343-H5001.



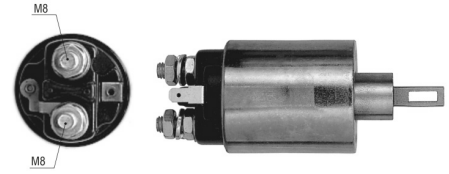


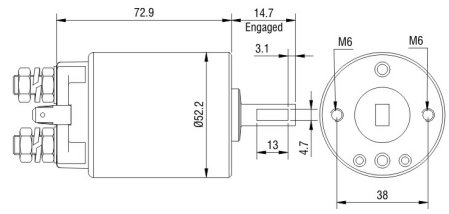
ZM 583 — 12v — CAP ZM 685.96

APLICAÇÃO */ USED ON:*
AUDI: 80, 90. NISSAN: Cabstar, King Cab, Lift Trucks, Pick-up, Van.

MOTOR DE PARTIDA */ STARTER:*
HITACHI: S12-63, S12-63A, S12-63B, S12-63C, S12-68A, S12-68B

SUBSTITUI */ REPLACE:*
HITACHI: 2120-57002. NISSAN: 23343-37506, 23343-G7002.



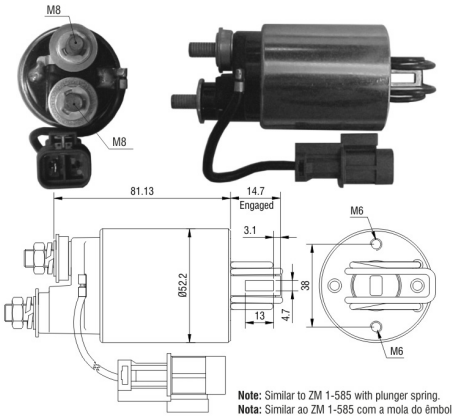


ZM 584 — 12v — CAP ZM 584.96

APLICAÇÃO */ USED ON:*
HONDA: Accord, Ballade, Civic, Quintet, TN Acty. JOHN DEERE: Gator. KAWASAKI: UTV (Utility Terrain Vehicle).

MOTOR DE PARTIDA */ STARTER:*
HITACHI: S108-63, S108-76, S108-76A, S108-76B. JOHN DEERE: AM120843. KAWASAKI: 21163-2057, 21163-2106, 21163-2112, 316611-8310-BA

SUBSTITUI */ REPLACE:*
HITACHI: 2108-4823, 2114-47501.



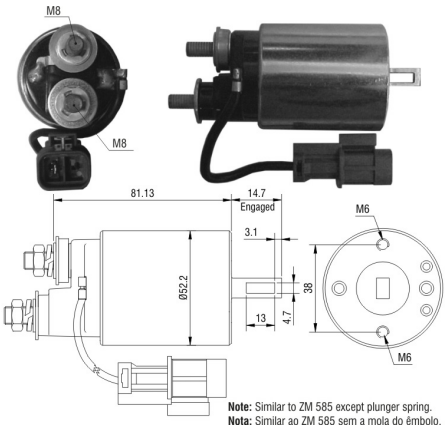
Note: Similar to ZM 1-585 with plunger spring.
Nota: Similar ao ZM 1-585 com a mola do êmbolo.

ZM 585 12v CAP ZM 585.96

APLICAÇÃO */ USED ON:*
NISSAN: Maxima.

MOTOR DE PARTIDA */ STARTER:*
HITACHI: S114-430A, S114-430B, S114-439, S114-439A

SUBSTITUI */ REPLACE:*
HITACHI: 2114-57506. NISSAN: 23343-16E01.



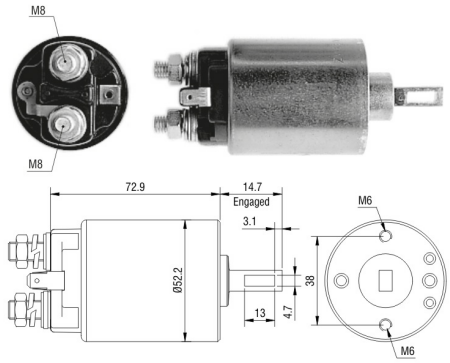
Note: Similar to ZM 585 except plunger spring.
Nota: Similar ao ZM 585 sem a mola do êmbolo.

ZM 1-585 12v CAP ZM 585.96

APLICAÇÃO */ USED ON:*
NISSAN: Maxima.

MOTOR DE PARTIDA */ STARTER:*
HITACHI: S114-430A, S114-430B, S114-439, S114-439A

SUBSTITUI */ REPLACE:*
HITACHI: 2114-57506. NISSAN: 23343-16E01.



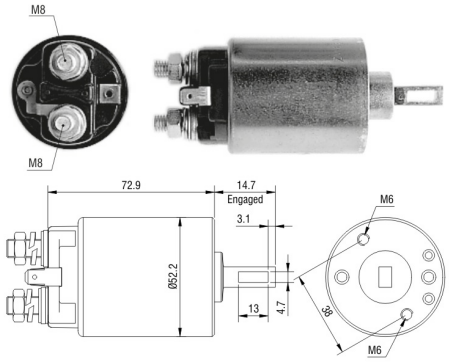
Note: Similar to ZM 581 except plunger spring.
Nota: Similar ao ZM 581 sem a mola do êmbolo.

ZM 680 12v CAP ZM 680.96

APLICAÇÃO */ USED ON:*
MASSEY FERGUSON: Tractor. NISSAN: 200, 280, 510, 610, 620, 710, Bluebird, Datsun, Laurel, Patrol.

MOTOR DE PARTIDA */ STARTER:*
HITACHI: S108-85, S108-86, S108-91, S114-170B, S114-180, S114-254A

SUBSTITUI */ REPLACE:*
BOSCH: 1.987.001.012. HITACHI: 2114-57001. HONDA: 31204-634-005. NISSAN: 23343-N3300, 23343-N3301.



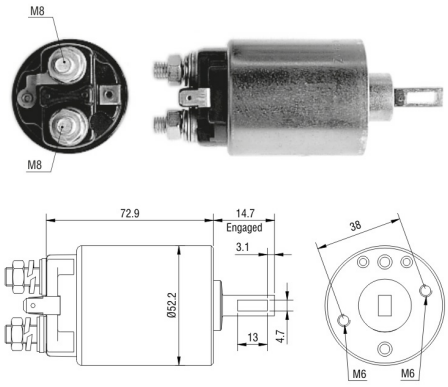
Note: Similar to ZM 582 except plunger spring.
Nota: Similar ao ZM 582 sem a mola do êmbolo.

ZM 681 12v CAP ZM 680.96

APLICAÇÃO */ USED ON:*
NISSAN: 510, 610, 620, 710, Sunny. RENAULT: R12, R15, R17.

MOTOR DE PARTIDA */ STARTER:*
HITACHI: S13-47, S13-50, S13-64, S13-69

SUBSTITUI */ REPLACE:*
BOSCH: 1.987.001.009. HITACHI: 2114-77004. NISSAN: 23343-H5000, 23343-H5001.

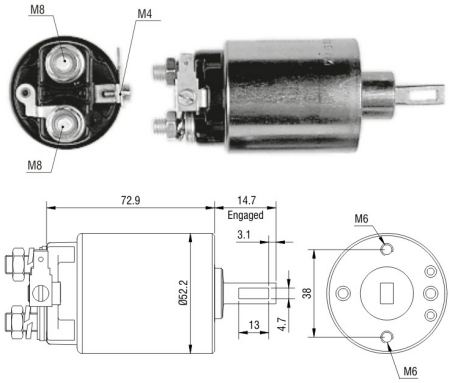


ZM 682 12v CAP ZM 682.96

APLICAÇÃO */ USED ON:*
MASSEY FERGUSON: Tractor. NISSAN: 200, 210, 280, 310, 510, D21, F10, Multi, Pulsar, Sentra, Stanza.

MOTOR DE PARTIDA */ STARTER:*
HITACHI: S114-252A, S114-253A, S114-254B, S114-255A, S114-258A, S114-264A, S114-322A, S114-344, S114-347B, S114-393, S114-403B, S114-440, S114-441A, S114-489, S13-56A, S13-56B

SUBSTITUI */ REPLACE:*
HITACHI: 2114-17005, 2114-17505, 2114-37602, 2114-47005. NISSAN: 23343-04E00.

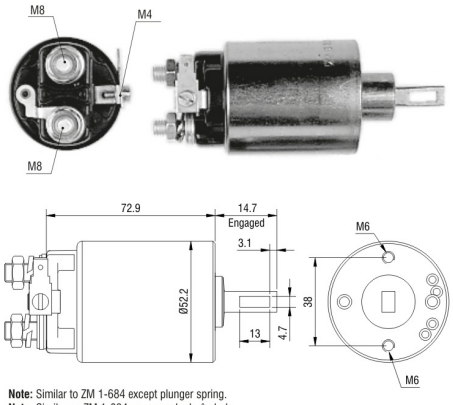


ZM 683 12v CAP ZM 683.96

APLICAÇÃO */ USED ON:*
BEDFORD: Blitz. DAEWOO: Espero, Lanos, Nubira. GM-ISUZU: Campo, I-Mark, P'UP Pick-up, Trooper. GM-OPEL: Campo. NISSAN: 510, 610, 620, 710.

MOTOR DE PARTIDA */ STARTER:*
HITACHI: S114-184, S114-202, S114-202A, S114-247A, S114-247C, S114-271, S114-433

SUBSTITUI */ REPLACE:*
HITACHI: 2114-17006. HONDA: 31204-634-671. NISSAN: 23343-C0600.



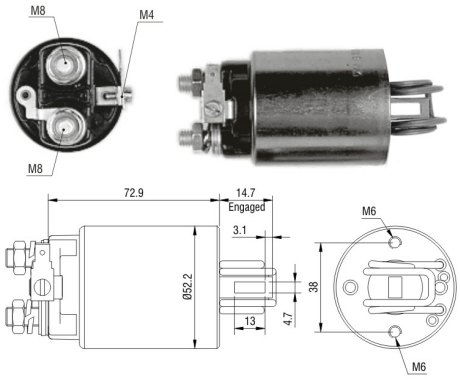
Note: Similar to ZM 1-684 except plunger spring.
Nota: Similar ao ZM 1-684 sem a mola do êmbolo.

ZM 684 12v CAP ZM 684.96

APLICAÇÃO */ USED ON:*
BEDFORD: Blitz. DAEWOO: Espero, Lanos, Nubira. GM-ISUZU: Campo, I-Mark, P'UP Pick-up, Trooper. GM-OPEL: Campo, Isuzu. NISSAN: 510, 610, 620, 710.

MOTOR DE PARTIDA */ STARTER:*
HITACHI: S114-184, S114-202, S114-202A, S114-247A, S114-247C, S114-271, S114-433

SUBSTITUI */ REPLACE:*
HITACHI: 2114-17006, 2114-27001. HONDA: 31204-634-670, 31204-634-671. NISSAN: 23343-C0600.



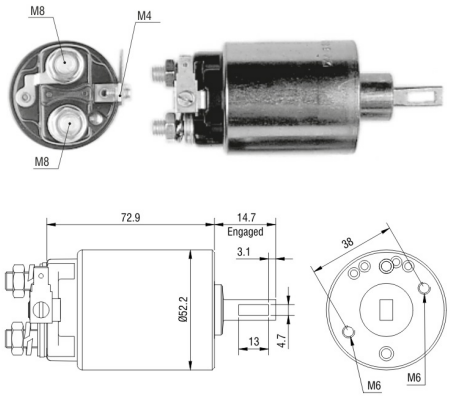
Note: Similar to ZM 684 with plunger spring.
Nota: Similar ao ZM 684 com a mola do êmbolo.

ZM 1-684 12v CAP ZM 684.96

APLICAÇÃO */ USED ON:*
BEDFORD: Blitz. DAEWOO: Espero, Lanos, Nubira. GM-ISUZU: Campo, I-Mark, P'UP Pick-up, Trooper. GM-OPEL: Campo, Isuzu. NISSAN: 510, 610, 620, 710.

MOTOR DE PARTIDA */ STARTER:*
HITACHI: S114-184, S114-202, S114-202A, S114-247A, S114-247C, S114-271, S114-433

SUBSTITUI */ REPLACE:*
HITACHI: 2114-17006, 2114-27001. HONDA: 31204-634-670, 31204-634-671. NISSAN: 23343-C0600.



ZM 685 12v CAP ZM 685.96

APLICAÇÃO */ USED ON:*

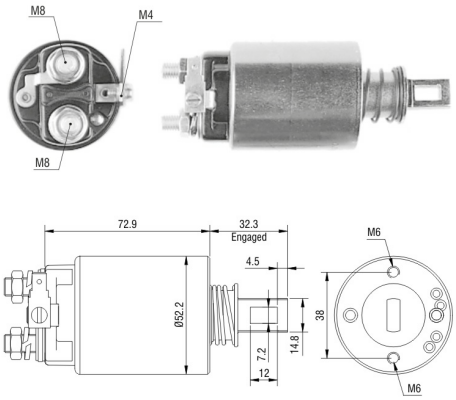
MASSEY FERGUSON: Tractor. NISSAN: 200, 210, 280, 310, 510, D21, F10, Multi, Pulsar, Sentra, Stanza, Sunny.

MOTOR DE PARTIDA */ STARTER:*

HITACHI: 171008-77010, S114-252, S114-252A, S114-252C, S114-252E, S114-252F, S114-253, S114-253A, S114-253B, S114-254B, S114-254C, S114-254D, S114-255, S114-255A, S114-258A, S114-258C, S114-264, S114-264A, S114-303, S114-322A, S114-344, S114-347B, S114-393, S114-403B, S114-440, S114-441, S114-441A, S114-441B, S114-483, S13-56, S13-56A, S13-62, S13-62A, S13-62C, S13-89A, S13-89B

SUBSTITUI */ REPLACE:*

HITACHI: 2114-37504, 2114-47009. NISSAN: 23343-H9100.



ZM 686 12v CAP ZM 685.96

APLICAÇÃO */ USED ON:*

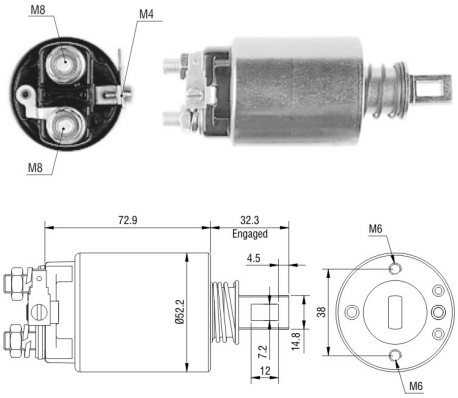
BUICK: Electra, Lesabre, Regal. CADILLAC: Deville, Fleetwood. GM-CHEVROLET: Caprice, El Camino, Impala, Monte Carlo. GM-OLDSMOBILE: 98, Custom Cruiser, Cutlass, Delta. GM-PONTIAC: Bonneville, Grand Prix, Parisienne. GMC: Caballero.

MOTOR DE PARTIDA */ STARTER:*

HITACHI: S12-06, S12-28, S12-46, S12-46A, S12-52, S12-58, S12-61, S12-79, S13-14, S13-24A, S13-28, S13-31, S13-34A, S13-36, S13-40, S13-40A, S13-41A, S13-43, S13-45, S13-45A, S13-45B, S13-46, S13-46A, S13-78

SUBSTITUI */ REPLACE:*

HITACHI: 2120-97001, 2130-17002, 2130-27001, 2130-47012, 2130-6700. ISUZU: 5-81151-015-0, 5-81151-029-0, 5-81151015-0, 8-11530-018-0. NISSAN: 23343-61504, 23343-G7001, 23343-T3470. YANMAR: 121254-77671, X-21306700.



ZM 687 12v CAP ZM 684.96

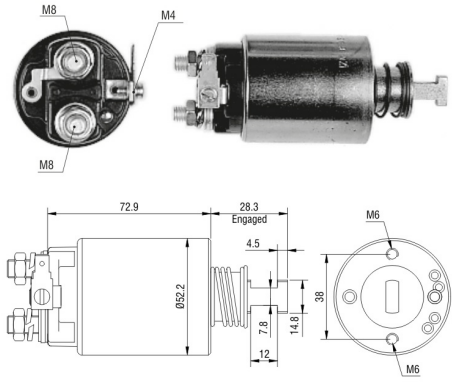
APLICAÇÃO */ USED ON:*

AUDI: 5000. FORD: Skid Steer Loader, Tractor. NEW HOLLAND: Tractor. VOLVO: 240.

MOTOR DE PARTIDA */ STARTER:*

SUBSTITUI */ REPLACE:*

ISUZU: 8-94216-633-0.



ZM 688 12v CAP ZM 685.96

APLICAÇÃO */ USED ON:*

AUDI: 80, 90. NISSAN: Lift Trucks.

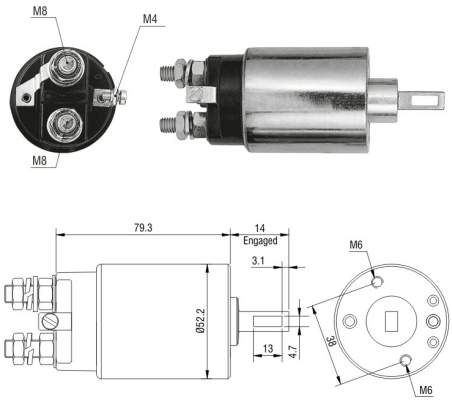
MOTOR DE PARTIDA */ STARTER:*

HITACHI: S12-63, S12-63A, S12-63B, S12-63C, S12-68A, S12-68B

SUBSTITUI */ REPLACE:*

HITACHI: 2120-27002.

Referência HITACHI
HITACHI Reference

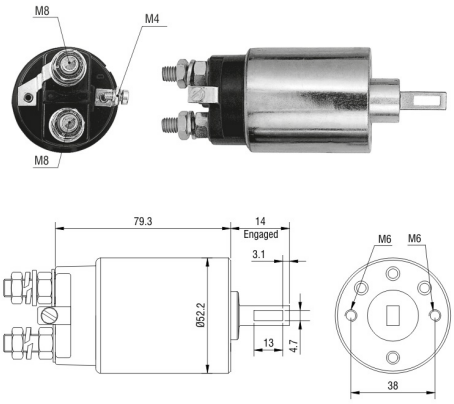


ZM 689 12v

APLICAÇÃO */ USED ON:*
JOHN DEERE: Tractor. YANMAR: Various Models.

MOTOR DE PARTIDA */ STARTER:*
HITACHI: S13-115A, S13-120A, S13-94, S13-94A

SUBSTITUI */ REPLACE:*
HITACHI: 2130-47005. ISUZU: 8-94340-305-0.

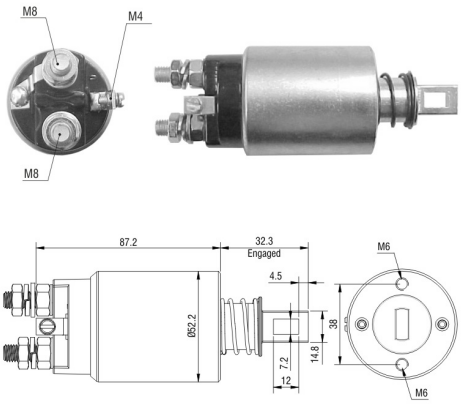


ZM 1-689 24v

APLICAÇÃO */ USED ON:*
HITACHI: Starters.

MOTOR DE PARTIDA */ STARTER:*

SUBSTITUI */ REPLACE:*

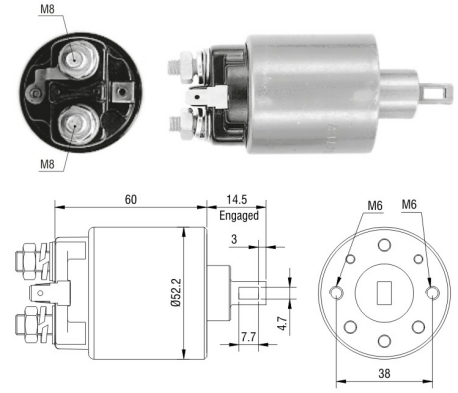


ZM 2-689 24v

APLICAÇÃO */ USED ON:*
GM-ISUZU: ELF. NISSAN: Caball, Civilian, Clipper, Excavator, UD.

MOTOR DE PARTIDA */ STARTER:*
HITACHI: S25-142A

SUBSTITUI */ REPLACE:*
HITACHI: 2130-57004, 2250-37001, 2250-97003. ISUZU: 5-81151-158-1. NISSAN: 23343-25F00, 23343-J5602.



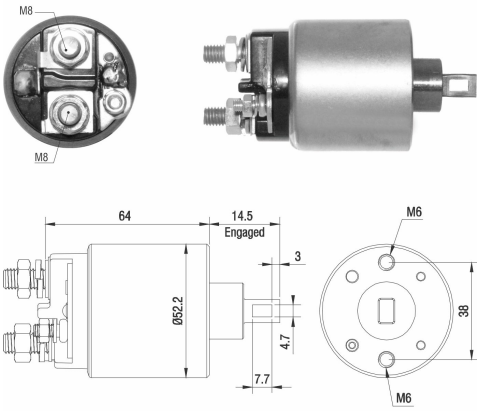
ZM 710 12v

CAP ZM 710.96

APLICAÇÃO */ USED ON:*
NISSAN: 200, 310, Cherry, Entra, Micra, NX, Patrol, Prairie, Pulsar, Sentra, Stanza, Sunny. SUBARU: Justy. YANMAR: Various Models.

MOTOR DE PARTIDA */ STARTER:*
HITACHI: S114-315, S114-316, S114-317, S114-317A, S114-317B, S114-318, S114-318A, S114-319, S114-320, S114-320A, S114-345, S114-345A, S114-364, S114-377, S114-378, S114-413A, S114-414A, S114-424, S114-550, S114-550A, S114-650A, S114-651A, S114-653

SUBSTITUI */ REPLACE:*
HITACHI: 2114-27501, 2114-37503, 2114-67505. NISSAN: 23343-M8000, 23343-M8001, 23343-M8003.

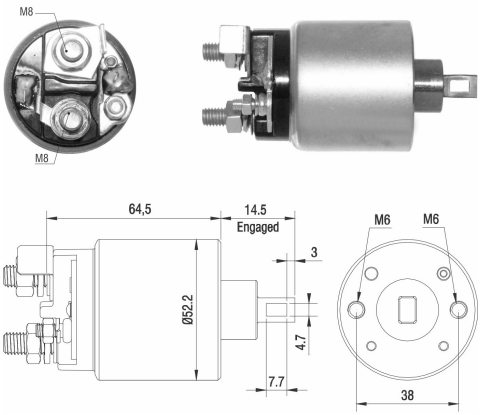


ZM 1-710 12v

APLICAÇÃO */ USED ON:*
NISSAN: Cube, Livina, Qashqai, Sentra, Tiida, Versa. RENAULT: Clio, Grand Scénic, Laguna, Megane, Scénic.

MOTOR DE PARTIDA */ STARTER:*
HITACHI: S114-902A, S114-902B, S114-902C, S114-922. NISSAN: 23300-CK800, 23300-EN20A, 23300-EN20B

SUBSTITUI */ REPLACE:*

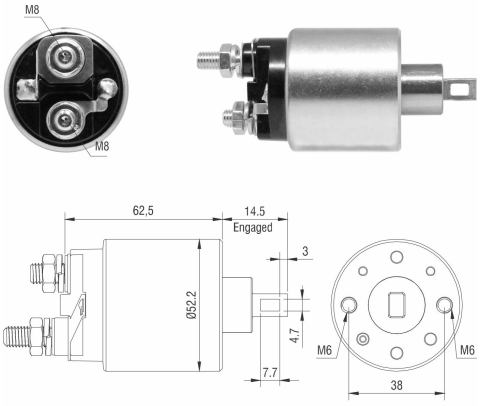


ZM 2-710 12v

APLICAÇÃO */ USED ON:*
NISSAN: Frontier.

MOTOR DE PARTIDA */ STARTER:*
NISSAN: 23300 EB71B, 23300EB71B, S14-413C, S14413C

SUBSTITUI */ REPLACE:*
NISSAN: 23343EB70B.

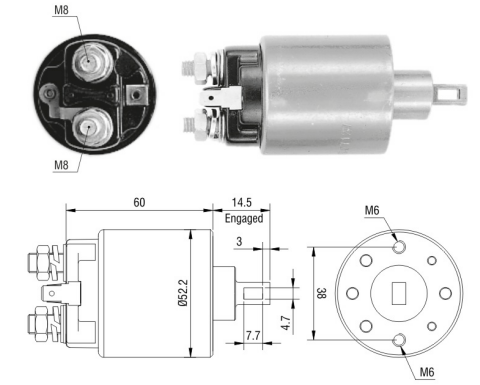


ZM 3-710 12v

APLICAÇÃO */ USED ON:*
ALFA ROMEO: Mito. FIAT: 500, Albea, Bravo, Doblò, Fiorino, Idea, Linea, Panda, Punto, Qubo, Siena, Stilo. FORD: Ka. LANCIA: Delta, Musa, Ypsilon.

MOTOR DE PARTIDA */ STARTER:*
FIAT: 51890631. HITACHI: S114-905, S114-906, S114-938, S114-943, S114-943A, S114-948

SUBSTITUI */ REPLACE:*



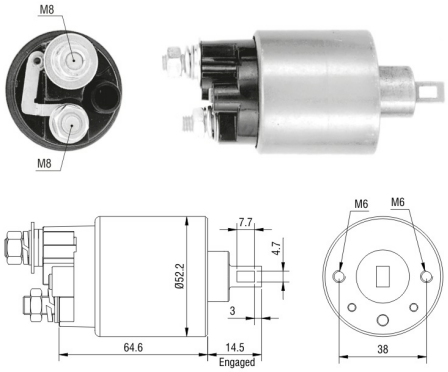
ZM 711 12v

CAP ZM 711.96

APLICAÇÃO */ USED ON:*
NISSAN: 200, 240, 260, 280, Cabstar, Cedric, King Van, King Vanette, Laurel, Skyline, Urvan. SUBARU: Justy, Libero.

MOTOR DE PARTIDA */ STARTER:*
HITACHI: S114-348, S114-362, S114-398, S114-418, S114-419, S114-419A, S114-426, S114-456, S114-556A

SUBSTITUI */ REPLACE:*
HITACHI: 2114-27502, 2114-27505, 2114-77505. HONDA: 31204-PD4-005. NISSAN: 23343-W0400.

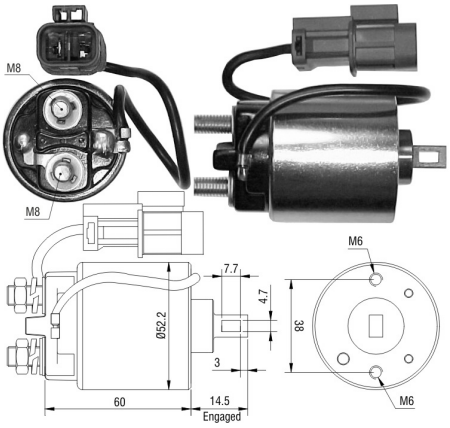


ZM 712 12v CAP ZM 712.96

APLICAÇÃO / *USED ON:*
HONDA: CRX, Civic, Wagovan.

MOTOR DE PARTIDA / *STARTER:*
HITACHI: S114-388D, S114-396, S114-406, S114-411, S114-412, S114-614, S114-618, S114-618A, S114-619

SUBSTITUI / *REPLACE:*
HITACHI: 2114-37606, 2114-47503, 2114-47505, 2114-87503.

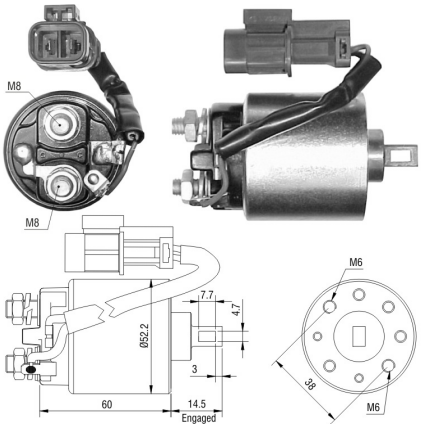


ZM 713 12v CAP ZM 713.96

APLICAÇÃO / *USED ON:*
NISSAN: D21, Van.

MOTOR DE PARTIDA / *STARTER:*
HITACHI: S114-306, S114-527, S114-527A, S114-527B, S114-605, S114-607, S114-607C

SUBSTITUI / *REPLACE:*
HITACHI: 2114-87508. NISSAN: 23343-17C00, 23343-G8400.

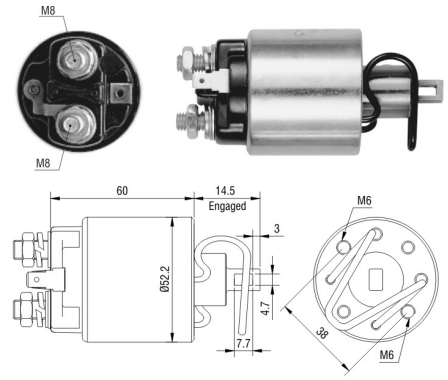


ZM 1-713 12v CAP ZM 1-713.96

APLICAÇÃO / *USED ON:*
NISSAN: D21, Pathfinder, Terrano.

MOTOR DE PARTIDA / *STARTER:*
HITACHI: S114-503A, S114-516, S114-516A

SUBSTITUI / *REPLACE:*
HITACHI: 2114-77601. NISSAN: 23343-12G02, 23343-12G03.

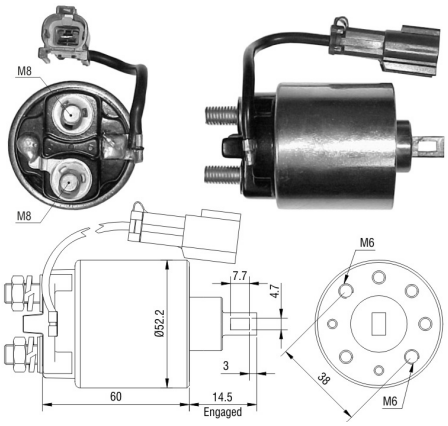


ZM 717 12v CAP ZM 717.96

APLICAÇÃO / *USED ON:*
ACURA: SLX. GM-ISUZU: Trooper, Vehicross.

MOTOR DE PARTIDA / *STARTER:*
HITACHI: S114-753, S114-753C

SUBSTITUI / *REPLACE:*

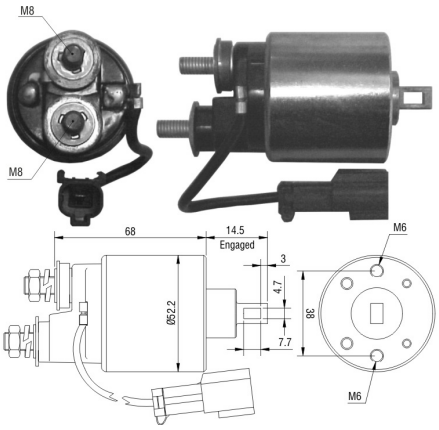


ZM 1-717 12v CAP ZM 1-717.96

APLICAÇÃO */ USED ON:*
ACURA: SLX. GM-ISUZU: Trooper, Vehicross.

MOTOR DE PARTIDA */ STARTER:*
HITACHI: S114-528, S114-528A

SUBSTITUI */ REPLACE:*
HITACHI: 2114-57606.

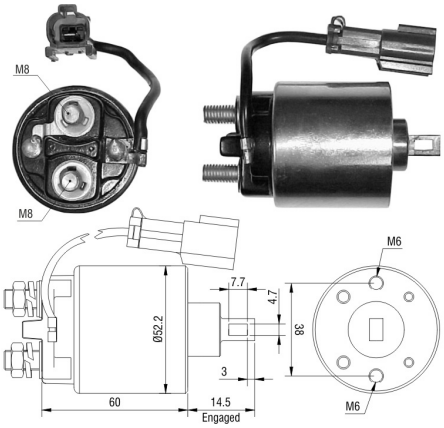


ZM 718 12v CAP ZM 718.96

APLICAÇÃO */ USED ON:*
NISSAN: Maxima.

MOTOR DE PARTIDA */ STARTER:*
HITACHI: S114-461, S114-461B

SUBSTITUI */ REPLACE:*

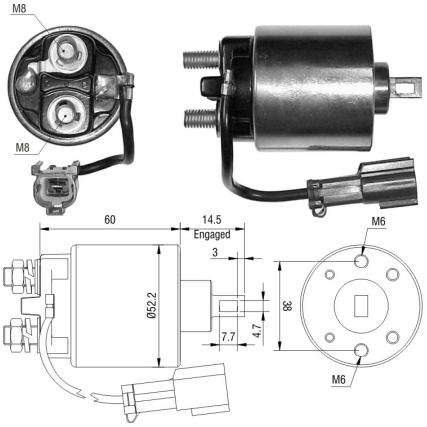


ZM 719 12v CAP ZM 719.96

APLICAÇÃO */ USED ON:*
NISSAN: Infiniti, Maxima.

MOTOR DE PARTIDA */ STARTER:*
HITACHI: S114-801A, S114-801B, S114-801C, S114-801D. NISSAN: 23343-31U00

SUBSTITUI */ REPLACE:*
HITACHI: 2114-47612. NISSAN: 23343-31000, 70Y00.

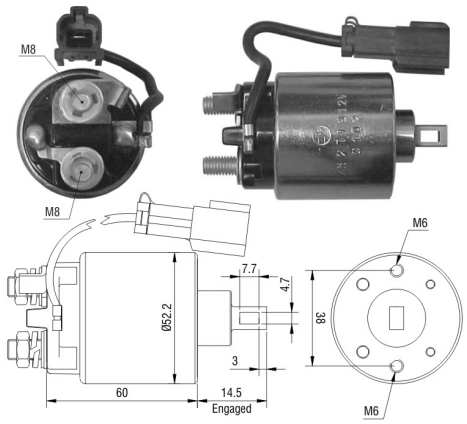


ZM 1-719 12v CAP ZM 1-719.96

APLICAÇÃO */ USED ON:*
NISSAN: Maxima, NX, Pulsar, Sentra.

MOTOR DE PARTIDA */ STARTER:*
HITACHI: S114-461A, S114-520B, S114-534, S114-570B, S114-767, S114-775A, S114-800B, S114-802A, S114-862A

SUBSTITUI */ REPLACE:*
HITACHI: 2114-67605, 2114-87603. NISSAN: 23343-84A07.

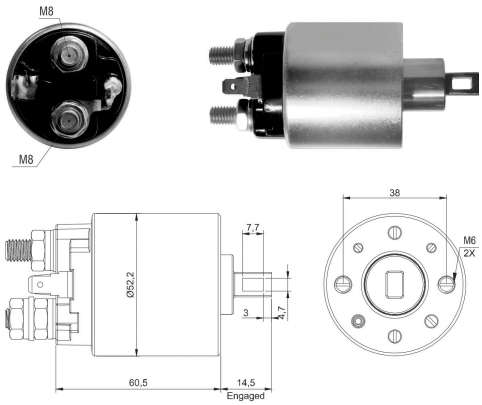


ZM 2-719 12v CAP ZM 2-719.96

APLICAÇÃO */ USED ON:*
NISSAN: 200, Almera, Infiniti, NX, Primera, SX, Sentra.

MOTOR DE PARTIDA */ STARTER:*
HITACHI: S114-701A, S114-701C, S114-806A

SUBSTITUI */ REPLACE:*

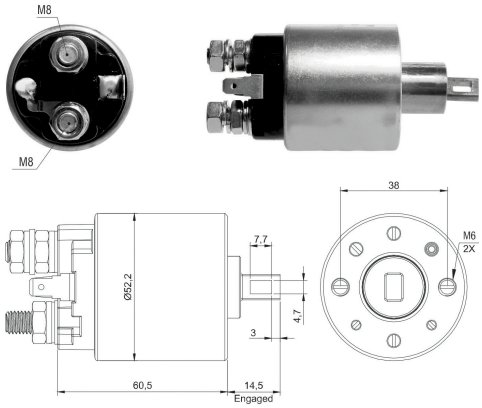


ZM 3-719 12v

APLICAÇÃO */ USED ON:*
GM-OPEL: Movano. GM-VAUXHALL: Movano. NISSAN: Interstar, Terrano. RENAULT: Mascott, Master.

MOTOR DE PARTIDA */ STARTER:*
HITACHI: S13-527B

SUBSTITUI */ REPLACE:*
HITACHI: 2130-17011.

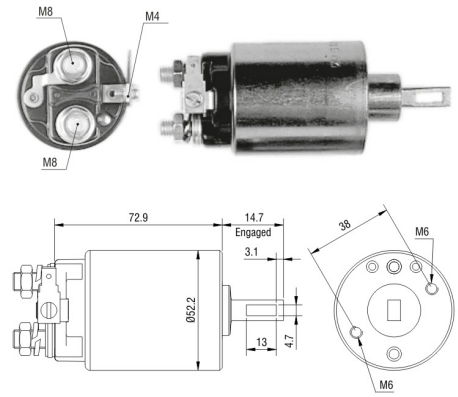


ZM 4-719 12v

APLICAÇÃO */ USED ON:*
ISUZU: 8DH, D-Max, Rodeo.

MOTOR DE PARTIDA */ STARTER:*
HITACHI: S13-512B, S13-555B, S13-557B

SUBSTITUI */ REPLACE:*
HITACHI: 2130-77010.

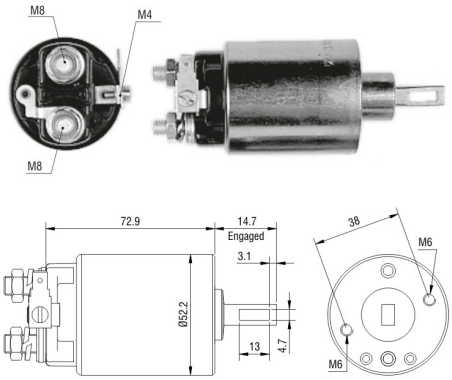


ZM 780 12v CAP ZM 685.96

APLICAÇÃO */ USED ON:*
GM-CHEVROLET: Chevette. GM-ISUZU: I-Mark, Misc. Equipment. GM-PONTIAC: Acadian. THERMO-KING: Misc. Equipment.

MOTOR DE PARTIDA */ STARTER:*
HITACHI: S13-62, S13-62A, S13-62B, S13-62C, S13-89A, S13-89B

SUBSTITUI */ REPLACE:*
HITACHI: 2114-77007. ISUZU: 8-94228-453-0.

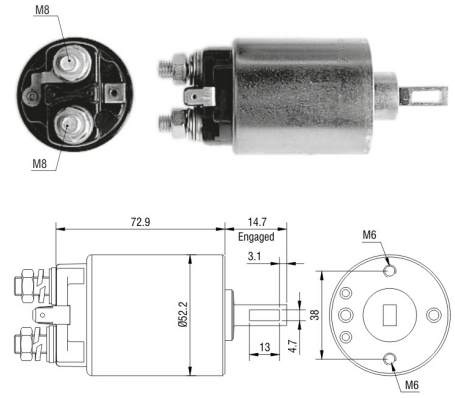


ZM 781 12v CAP ZM 683.96

APLICAÇÃO */ USED ON:*
GM-ISUZU: KBD 26, KBD 27, KBD 41, KBD 47, Misc. Equipment, NKR, Trooper. THERMO-KING: Misc. Equipment.

MOTOR DE PARTIDA */ STARTER:*
HITACHI: S114-338A, S114-429, S13-71, S13-75, S13-82A, S13-84, S13-84B

SUBSTITUI */ REPLACE:*
HITACHI: 2130-27003, 2130-77001. ISUZU: 5-81151-054-0. NISSAN: 23343-W1700.

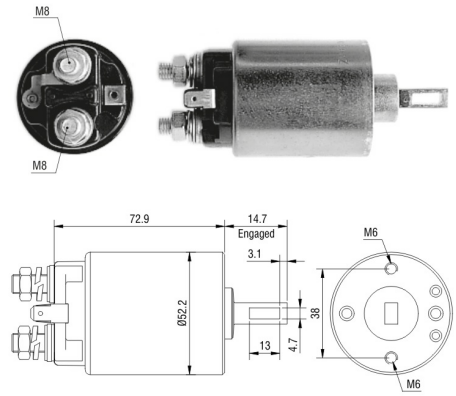


ZM 782 12v CAP ZM 682.96

APLICAÇÃO */ USED ON:*
NISSAN: 200, 510, 720, D21.

MOTOR DE PARTIDA */ STARTER:*
HITACHI: S13-104

SUBSTITUI */ REPLACE:*
HITACHI: 2114-37502, 2130-37005. NISSAN: 23343-83W00.

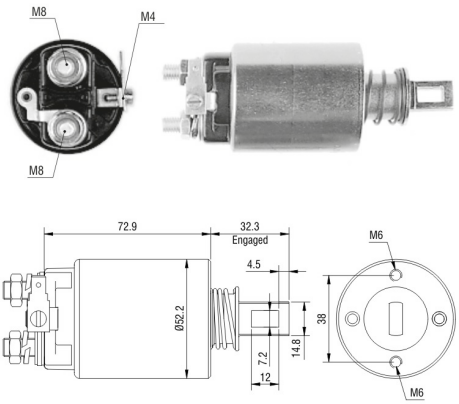


ZM 1-782 12v CAP ZM 682.96

APLICAÇÃO */ USED ON:*
NISSAN: 200, 510, 720, D21.

MOTOR DE PARTIDA */ STARTER:*
HITACHI: S114-295, S114-352, S114-370, S114-427

SUBSTITUI */ REPLACE:*
HITACHI: 2114-37005. NISSAN: 23343-U6000.

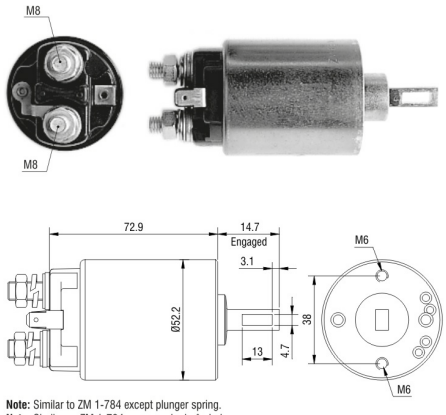


ZM 783 12v CAP ZM 683.96

APLICAÇÃO */ USED ON:*
AUDI: 5000. FORD: Skid Steer Loader, Tractor. NEW HOLLAND: Tractor. VOLVO: 240.

MOTOR DE PARTIDA */ STARTER:*
HITACHI: S12-62, S13-32, S13-61A

SUBSTITUI */ REPLACE:*
FORD: E2NN-11390-AA. HITACHI: 2130-17004, 2130-8700.



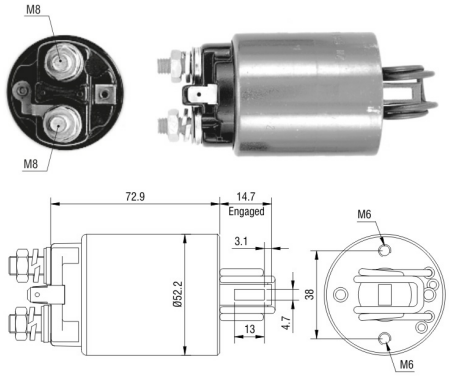
Note: Similar to ZM 1-784 except plunger spring.
Nota: Similar ao ZM 1-784 sem a mola do êmbolo.

ZM 784 12v CAP ZM 680.96

APLICAÇÃO */ USED ON:*
MASSEY FERGUSON: Tractor. NISSAN: 200, 280, 510, 610, 620, 710, Bluebird, Datsun, Laurel, Patrol, Sunny. RENAULT: R12, R15, R17.

MOTOR DE PARTIDA */ STARTER:*
HITACHI: S114-146, S114-170, S114-170E, S114-172A, S114-172D, S114-172E, S114-173E, S114-173F, S114-174, S114-182, S114-182G, S114-218A, S114-229F, S114-235, S114-235A, S114-301, S114-381, S114-382, S114-446, S13-65

SUBSTITUI */ REPLACE:*
HITACHI: 2114-57504, 2114-87004, 2114-97004, 2114-97503.



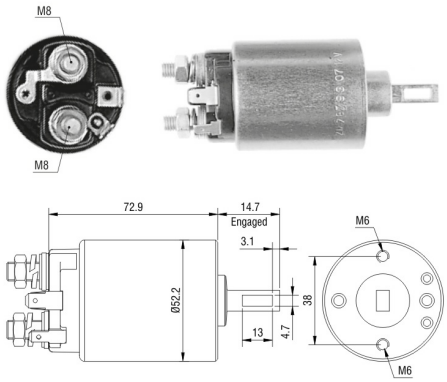
Note: Similar to ZM 784 with plunger spring.
Nota: Similar ao ZM 784 com a mola do êmbolo.

ZM 1-784 12v CAP ZM 680.96

APLICAÇÃO */ USED ON:*
MASSEY FERGUSON: Tractor. NISSAN: 200, 280, 510, 610, 620, 710, Bluebird, Datsun, Laurel, Patrol, Sunny. RENAULT: R12, R15, R17.

MOTOR DE PARTIDA */ STARTER:*
HITACHI: S114-146, S114-170, S114-170E, S114-172A, S114-172D, S114-172E, S114-173E, S114-173F, S114-174, S114-182, S114-182G, S114-218A, S114-229F, S114-235, S114-235A, S114-301, S114-381, S114-382, S114-446, S13-65

SUBSTITUI */ REPLACE:*
HITACHI: 2114-57504, 2114-87004, 2114-97004, 2114-97503.

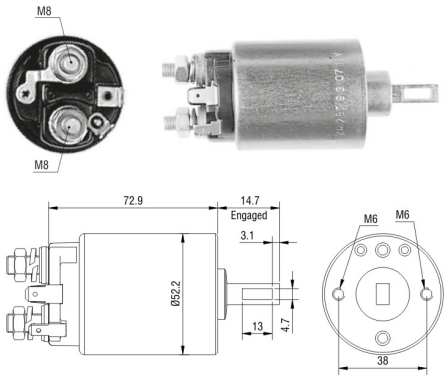


ZM 785 12v CAP ZM 785.96

APLICAÇÃO */ USED ON:*
VOLVO: Penta Marine.

MOTOR DE PARTIDA */ STARTER:*
HITACHI: S114-237. VOLVO: 840808-0, 859553-0

SUBSTITUI */ REPLACE:*
HITACHI: 2114-27006.

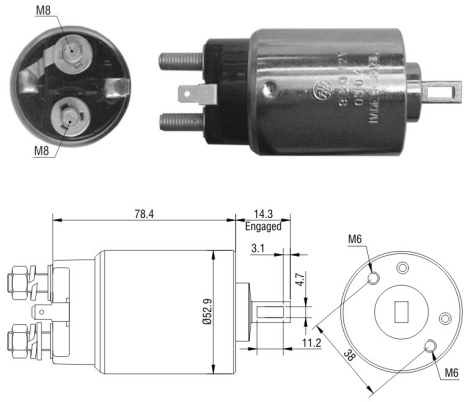


ZM 787 12v CAP ZM 785.96

APLICAÇÃO */ USED ON:*
VOLVO: 0, 160, 240, 340, 343, 345, 740, 760, C 202, C 303, C 304.

MOTOR DE PARTIDA */ STARTER:*
HITACHI: S114-232A

SUBSTITUI */ REPLACE:*
HITACHI: 2114-27008.

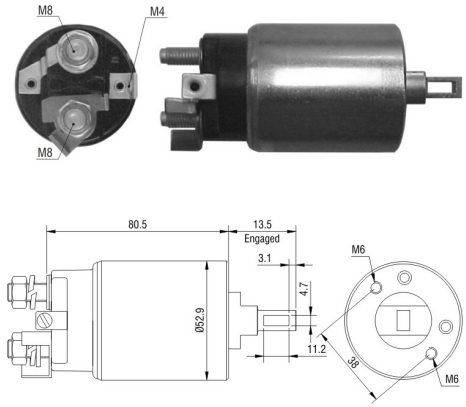


ZM 980 12v

APLICAÇÃO */ USED ON:*
NISSAN: 2300, 2500, Cabstar, King Cap.

MOTOR DE PARTIDA */ STARTER:*
HITACHI: S13-104

SUBSTITUI */ REPLACE:*

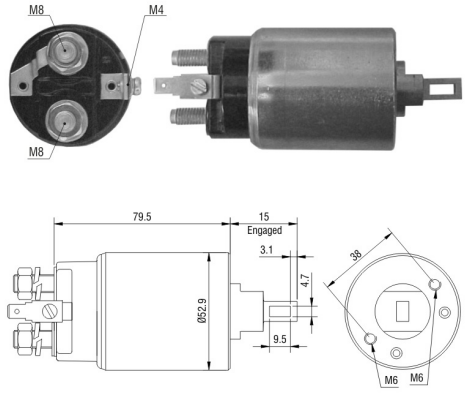


ZM 981 24v

APLICAÇÃO */ USED ON:*
GM-ISUZU: NKR, NPR, TLD. YANMAR: Mini Escavador.

MOTOR DE PARTIDA */ STARTER:*
HITACHI: S24-03C, S24-07, S24-13, S24-14, S25-03A, S25-161. ISUZU: 8-94254-922-1, 8-94423-452-0. YANMAR: 119131-77010, 119131-77011

SUBSTITUI */ REPLACE:*
HITACHI: 2240-5700. ISUZU: 8-94152-981-0.

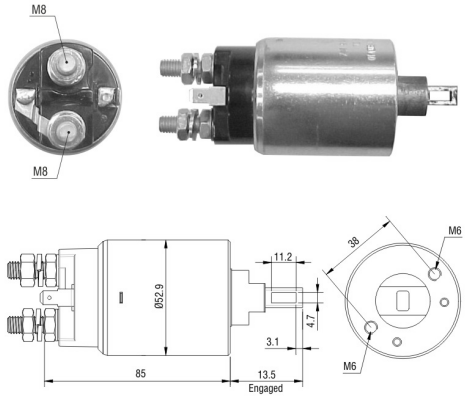


ZM 1-981 12v

APLICAÇÃO */ USED ON:*
NISSAN: D21, Frontier, Terrano, Urvan.

MOTOR DE PARTIDA */ STARTER:*
HITACHI: S13-106A, S13-106B, S13-106C, S13-107, S13-107A, S13-117A, S13-122, S13-126A, S13-127, S13-327. NISSAN: 23300-6T001, 23300-80G00

SUBSTITUI */ REPLACE:*
HITACHI: 2130-67005, 2130-77005, 2130-97008. NISSAN: 23300-6T001, 23300-80G00, 23343-02N00, 23343-43400, 23343-43G00, 23343-6T000.

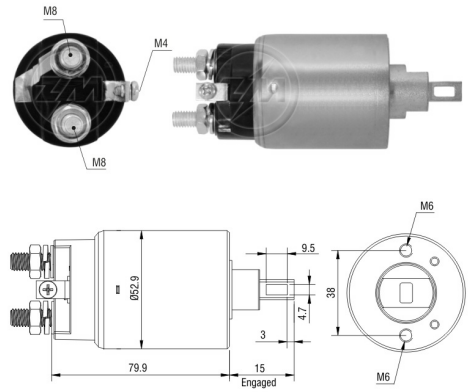


ZM 2-981 12v

APLICAÇÃO */ USED ON:*
NISSAN: Pick-up, Urvan.

MOTOR DE PARTIDA */ STARTER:*
HITACHI: S13-92A. NISSAN: 23300-10G02, 23300-83W00

SUBSTITUI */ REPLACE:*
HITACHI: 2130-97004. NISSAN: 23343-10G00.

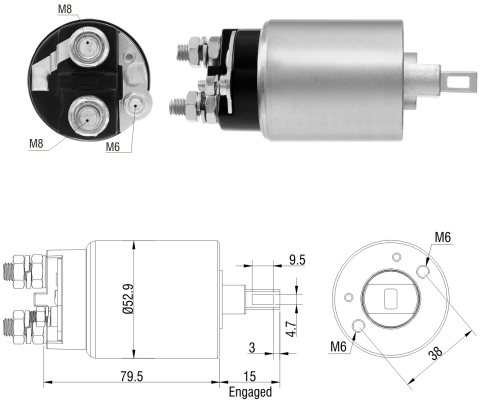


ZM 3-981 12v

APLICAÇÃO */ USED ON:*
GM-ISUZU: Campo, ELF, Trooper. GM-OPEL: Campo, Frontera, Monterey. GM-VAUXHALL: Brava, Frontera.

MOTOR DE PARTIDA */ STARTER:*
HITACHI: S13-112, S13-113, S13-114, S13-114A, S14-03

SUBSTITUI */ REPLACE:*
HITACHI: 2130-27006, 2130-87005. ISUZU: 8-94337-444-0, 8-94435-568-0.

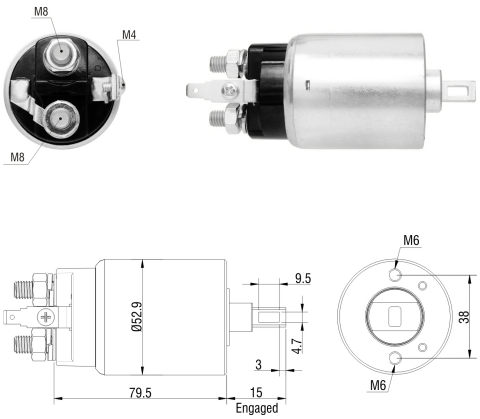


ZM 4-981 12v

APLICAÇÃO */ USED ON:*
GM-CHEVROLET: C series, K series, Kodiak, R series, Silverado, V series. GMC: C series, K series, R series, Sierra, Topkick, V series.

MOTOR DE PARTIDA */ STARTER:*
GM: 97209548, 97720446, 97729079. HITACHI: S14-100D, S14-100E, S14-101A, S14-101AR. ISUZU: 8-97209-548-3, 8-97209-548-4, 8-97329-163-1, 8-97382-835-0

SUBSTITUI */ REPLACE:*

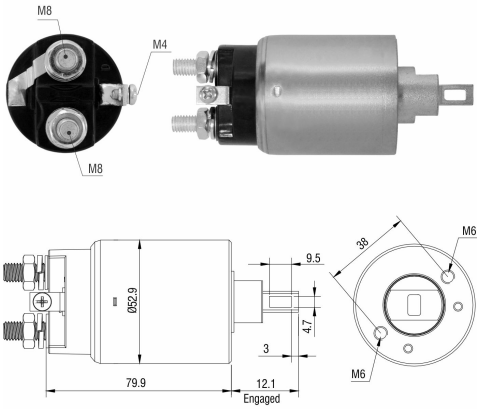


ZM 5-981 12v

APLICAÇÃO */ USED ON:*
DIECI: Apollo 25.6. HYSTER: Forklift. KOMATSU: Forklift. SAMSUNG: Excavator SE50-3. YALE: Forklift.

MOTOR DE PARTIDA */ STARTER:*
HITACHI: S13-160, S13-204, S13-205B, S13-205D. YANMAR: 129900-77590, 129900-77591

SUBSTITUI */ REPLACE:*
HITACHI: 2130-47009, 2130-57011. YANMAR: 129900-77010, 129900-77020.

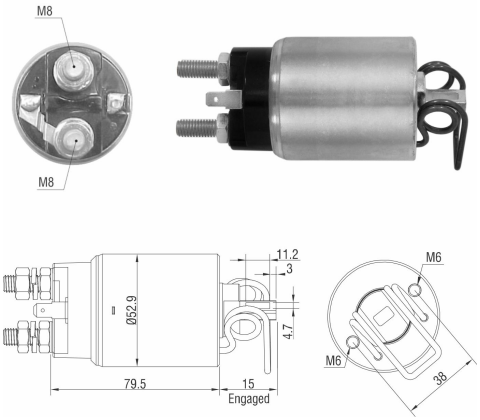


ZM 6-981 12v

APLICAÇÃO */ USED ON:*
NISSAN: Truck, UD, UD 1300, UD 1400.

MOTOR DE PARTIDA */ STARTER:*
HITACHI: S14-01, S14-02, S14-20. NISSAN: 23300-01D01, 23300-05D00, 23300-05D01

SUBSTITUI */ REPLACE:*
HITACHI: S14-02.

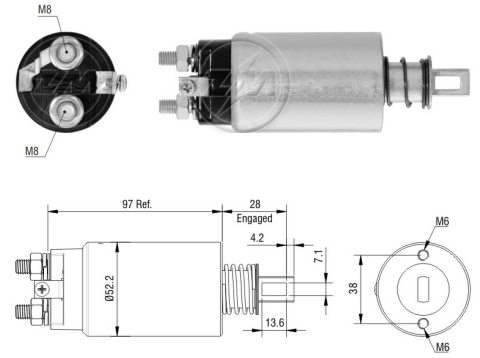


ZM 7-981 12v

APLICAÇÃO / *USED ON:*
NISSAN: Pick-up, Urvan.

MOTOR DE PARTIDA / *STARTER:*
HITACHI: S13-92A. NISSAN: 23300-10G02, 23300-83W00

SUBSTITUI / *REPLACE:*
HITACHI: 2130-97004. NISSAN: 23343-10G00.

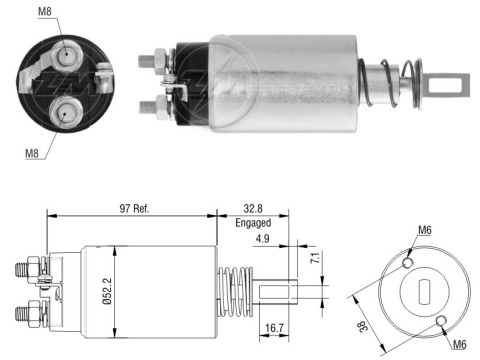


ZM 982 24v

APLICAÇÃO / *USED ON:*
NISSAN: Patrol, Pick-up, Safari.

MOTOR DE PARTIDA / *STARTER:*
HITACHI: S25-064, S25-156. NISSAN: 23300-C8601

SUBSTITUI / *REPLACE:*
HITACHI: 2270-37001.

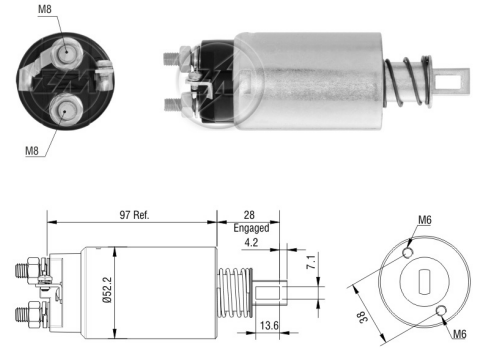


ZM 1-982 24v

APLICAÇÃO / *USED ON:*
GM-ISUZU: ELF. NISSAN: Condor.

MOTOR DE PARTIDA / *STARTER:*
HITACHI: 2250-47002, 2250-87004. ISUZU: 5-81151-058-0, 5-81151-103-0. NISSAN: 23343-J5520

SUBSTITUI / *REPLACE:*
HITACHI: 2250-27002.

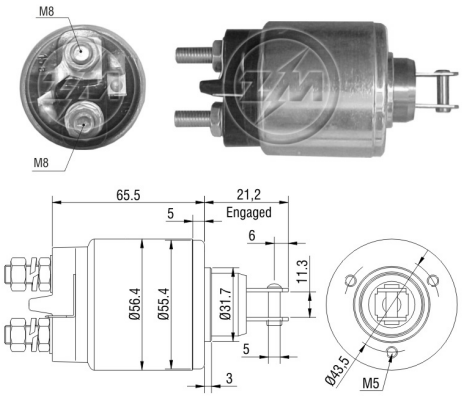


ZM 2-982 24v

APLICAÇÃO / *USED ON:*
NISSAN: Patrol, Pick-up, Safari.

MOTOR DE PARTIDA / *STARTER:*

SUBSTITUI / *REPLACE:*
HITACHI: 2250-57003.



ZM 579 12v

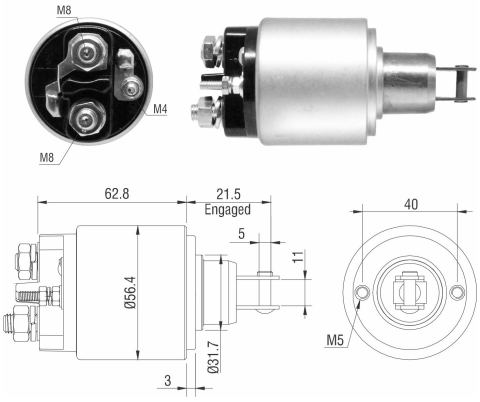
APLICAÇÃO */ USED ON:*

LADA: Samara.

MOTOR DE PARTIDA */ STARTER:*

SUBSTITUI */ REPLACE:*

LADA: 2108-3708808, BEAC.



ZM 1-579 12v

APLICAÇÃO */ USED ON:*

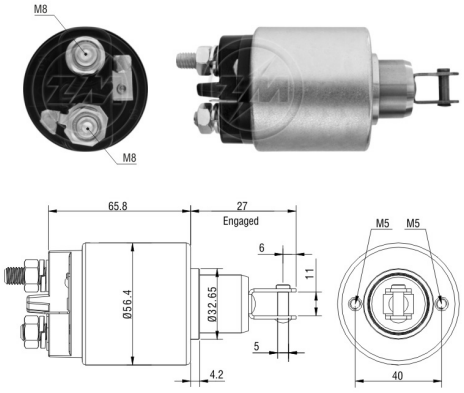
ATLAS COPCO: Compressors. DEUTZ: BF3L2011, D2011, F2M2011, F3M2011, F4L2011, TCD2011 L4, TD2011. DYNAPAC: Combi Roller, Compactador, Double Drum Vibr. Roller, F1700W. GEHL: Skid 4640, Skid 5640, Skid 6635DXT, Skid 6640, Skid SL5635DXT, Skid SL5635SXT, Skid SL5636DXT, Skid Steer, Skid Steer Loader 4840. JCB: Teletruks TLT35, Teletruks TLT35-WM. PUTZMEISTER: M740D, M760 DHBS, M760DH, P715TD, P718. VOLVO: L25B, L30B.

MOTOR DE PARTIDA */ STARTER:*

ATLAS COPCO: 2913146100, 2913179000. DEUTZ: 0118 1751, 0118 2382, 0118 2384, 0118 3404, 0430 0006. HAMM: 1285858. ISKRA: 0118 3404, 0118 3599, 01183404, 01183599, 11.131.458, AZE6509, AZE6554, IS1073. JCB: 714 40369

SUBSTITUI */ REPLACE:*

ISKRA: 16.907.894, MSX 1422.



ZM 2-579 12v

APLICAÇÃO */ USED ON:*

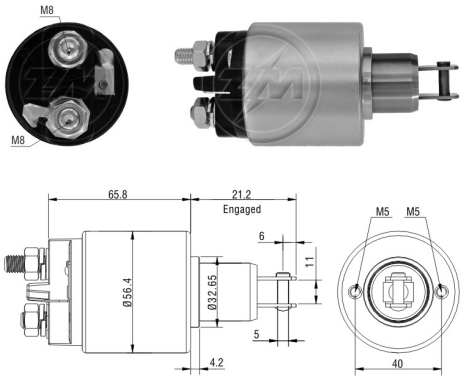
FIAT: 128, 600, Regata, Ritmo, Uno, X 1/9. LANCIA: Delta, Gamma, Prisma. ZAZTAVA: 101, Florida, Yugo.

MOTOR DE PARTIDA */ STARTER:*

ISKRA: 11.130.166, AZD 3502, AZE 3508

SUBSTITUI */ REPLACE:*

ISKRA: 16.905.524.



ZM 3-579 12v

APLICAÇÃO */ USED ON:*

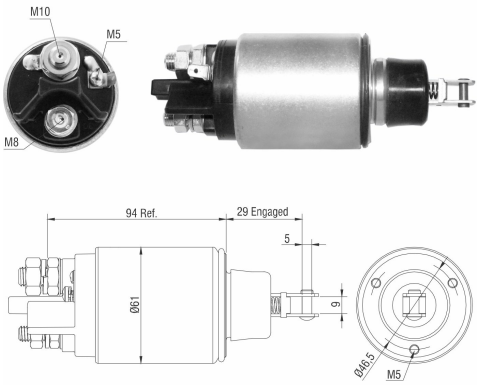
CITROËN: BX, C22, C25. FIAT: 128, 600, Ducato, Regata, Ritmo, Uno. GM-OPEL: Ascona, Kadett, Manta, Rekord. GM-VAUXHALL: Astra, Belmont, Carlton, Cavalier. LANCIA: Delta, Gamma, Prisma. PEUGEOT: 205, 305, 309, 404, 405, 504, 505, J 5. RENAULT: Fuego, R18. VOLVO: 340, 343. ZAZTAVA: 101, Florida, Yugo.

MOTOR DE PARTIDA */ STARTER:*

ISKRA: 11.130.233, 11.130.244, 11.130.245, 11.130.321, 11.130.338, 11.130.352, 11.130.375, 11.130.519, 11.130.907, AZE 1501, AZE 1520, AZE 1535, AZF 3515, AZF 3517, AZF 3518, AZF 3528, AZF 3534, AZF 3543, AZF 3559

SUBSTITUI */ REPLACE:*

ISKRA: 16.905.423.



ZM 825 12v

APLICAÇÃO */ USED ON:*

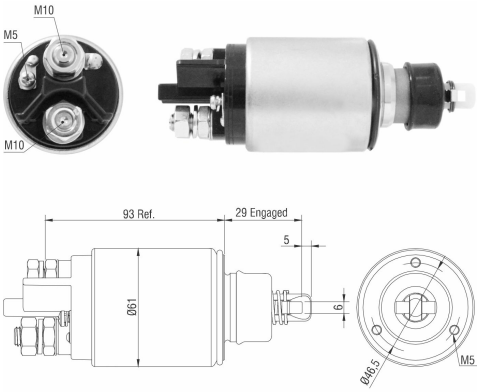
CASE: MXM120, MXM130, MXM140, MXM155, MXM175, MXM190. NEW HOLLAND: TM120, TM125, TM150, TM165, TS115, TV140. VALTRA: 6200.

MOTOR DE PARTIDA */ STARTER:*

CASE: 82021372, 87318759, 87653221. ISKRA: 11.130.836, 11.131.542, 11.131.727, AZF4141, AZF4190, AZF4513, IS0836. NEW HOLLAND: 82012134, 82014160, 82015723, 82021372. VALTRA: 83646500

SUBSTITUI */ REPLACE:*

CASE: 82019471. ISKRA: 11.131.027, 16.906.490, 16906490, AZ F4115.



ZM 1-825 12v

APLICAÇÃO */ USED ON:*

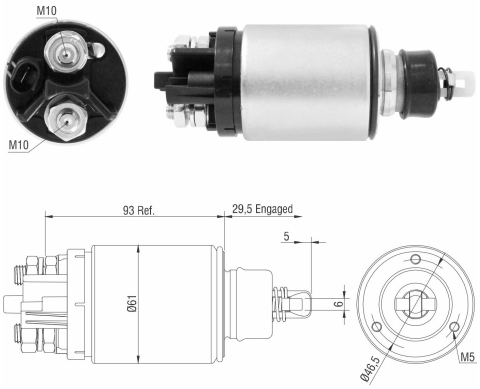
CASE: Farm. LANDINI - ARGO TRACTOR: Atlantis, Atlas, Frutteto, Ghibli, GlobalFarm, Globus, Mythos, Rex, Vigneto, Vision. MASSEY FERGUSON: MF 290. MCCORMICK - ARGO TRACTOR: 80, 90, B-Max, C-Max, C-Serie, CX, F, T-Max. PERKINS: 1004-40, 1004-42.

MOTOR DE PARTIDA */ STARTER:*

ISKRA: 11.131.112, IS1098

SUBSTITUI */ REPLACE:*

ISKRA: 16.908.999.



ZM 826 12v

APLICAÇÃO */ USED ON:*

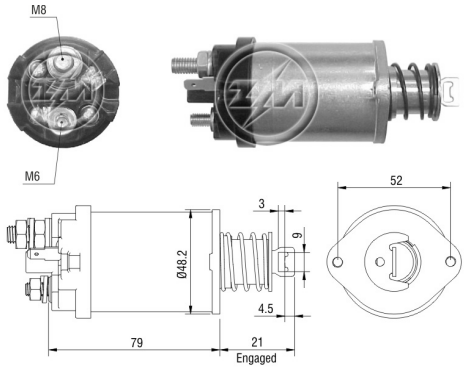
CASE: CS 110, CS 120, CS 130, CS 150, CS 78, CS 80 PRO, CS 85 PRO, CS 95 PRO, CVX 1135, CVX 1145, CVX 1155, CVX 1170, CVX 1190, CVX 1195, CVX 120, CVX 140, CVX 150, CVX 160, CVX 170, CVX 175, CVX 190, CVX 195. FARM TRAC: 690 DT, 7100 DT, 7110 DT. JCB: Fastrac. MASSEY FERGUSON: MF 32, MF 34, MF 4292, MF 4297, MF 4299, MF 460 XTRA, MF 470 XTRA, MF 480 XTRA, MF 5650. MCCORMICK - ARGO TRACTOR: TELE-TRAC. PERKINS: 1004-40, 1004-42. VALTRA: 6200, 6250, 6300, 6350 Hi, 6400, 6550, 6850, 6900, A Serie, A750L, A950, A990, BC4500, BC4500R, N Serie, S260, S280, T Serie, X 120.

MOTOR DE PARTIDA */ STARTER:*

CASE: 4711 15 75, 8428 45 40. ISKRA: 11.130.904, 11.131.065, 11.131.411, 11.131.426, 11.131.491, 11.131.507, 11.131.508, 11.131.542, 11.131.658, 11.131.659, 11.131.727, 11.131.746, 11.131.773, 11.132.045, 11.132.050, 11.132.101, 11.132.104, 11.132.149, 11.132.168, 11.132.170, 11.132.174, 11.132.183, 11.132.356, 11.132.359, AZE4168, AZE4171, AZE4190, AZE4221, AZE4230, AZE4250, AZE4297, AZF4141, AZF4170, AZF4190, AZF4279, AZF4315, AZF4319, AZF4324, AZF4369, AZF4370, AZF4520, AZF4542, AZF4637, AZF4643, AZF4831. NEW HOLLAND: 87693781. VALTRA: 83646500, 89732200, VPF7263

SUBSTITUI */ REPLACE:*

ISKRA: 16.915.232, 16.915.341, AZF4520.



ZM 5-619 12v

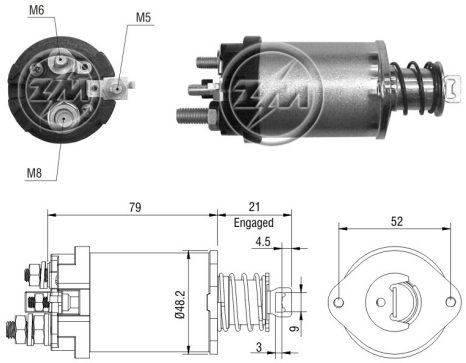
CAP ZM 5-619.96

APLICAÇÃO */ USED ON:*
DAEWOO: Nexia. LADA: VAZ.

MOTOR DE PARTIDA */ STARTER:*
KZATE: 5702.3708, 5712.3708, 5722.3708, 6032.3708, 7102.3708, 7112.3708, 7122.3708, 7142.3708. TARASOV: 5702.3708, 5712.3708, 5722.3708, 6032.3708, 7102.3708, 7112.3708, 7122.3708, 7142.3708

SUBSTITUI */ REPLACE:*
KZATE: 57.3708800. TARASOV: 57-3708800.

Note: Produced only at China ZM Plant.
Nota: Produzido somente na Planta ZM China.



ZM 6-619 12v

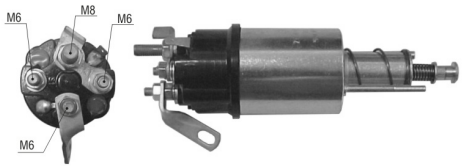
CAP ZM 6-619.96

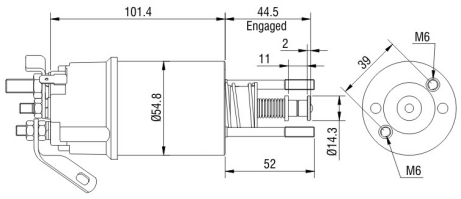
APLICAÇÃO */ USED ON:*
LADA: GAZ, UAZ.

MOTOR DE PARTIDA */ STARTER:*
KZATE: 6002.3708, 6012.3708. TARASOV: 6002.3708, 6012.3708

SUBSTITUI */ REPLACE:*
KZATE: 60.3708800. TARASOV: 60-3708800.

Note: Produced only at China ZM Plant.
Nota: Produzido somente na Planta ZM China.





ZM 610 12v

CAP ZM 610.96

APLICAÇÃO */ USED ON:*

VEICULOS: For Lucas M50 series DD starters.
Case, Clark Equipment, Ford tractor, International, Leyland, Lincoln Eletric, Lucas M50 starter, Massey Ferguson, Sperry New Holland and Yale Forklift.

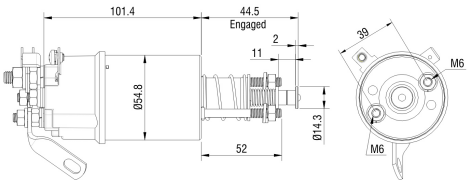
MOTOR DE PARTIDA */ STARTER:*

LUCAS: 26211, 26227, 26234, 26246, 26265, 26274, 26291, 26294, 26295, 26304, 26305, 26312, 26316, 26323, 26338, 26339, 26341, 26343, 26345, 26351, 26352, 26357, 26358, 26359, 26366, 26376, 26379, 26395A, 26395B, 26395D, 26395E, 26410A, 26410B, 26414A, 26414E, 26423A, 26423D, 26431A

SUBSTITUI */ REPLACE:*

FORD: 2701E-11390-A, 2701E-11390-B, D4NN-11390-B, D7NN-11390-B. LUCAS: 76740, 76753, 76756, 76781, 76825, 76833, 76834, 76835, 76836, 76854, 76862, 76869, 76881, 76900, 76910, 76911, 76912, 76913, 76928, 76956, 77010, 77014, 77025, 77032, 77052, 77109, TOB108, TOB110, TOB111, TOB133.





ZM 1-610 12v

APLICAÇÃO */ USED ON:*

MASSEY FERGUSON: MF 102, MF 105, MF 11, MF 1100, MF 1104, MF 12500, MF 14, MF 186, MF 201, MF 206, MF 265, MF 275, MF 298, MF 307, MF 30D, MF 390T, MF 399, MF 487, MF 506, MF 50B, MF 50D, MF 510, MF 520, MF 525, MF 595, MF 620, MF 625, MF 675, MF 690, MF 9500. NEW HOLLAND: 1100, 1116.

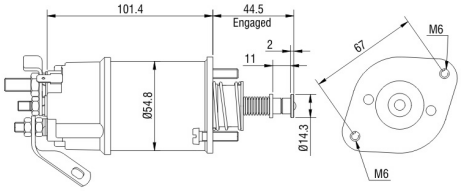
MOTOR DE PARTIDA */ STARTER:*

LUCAS: 26369, 26369D, 26403, 26404, 26404A, 26420, 27536

SUBSTITUI */ REPLACE:*

LUCAS: 60933080, 76943, 77015, 77015A, TOB 168, TOB 177.





ZM 611 12v

CAP ZM 610.96

APLICAÇÃO */ USED ON:*

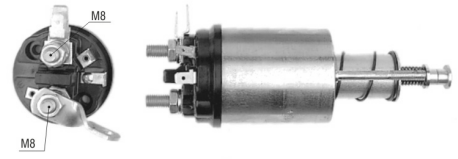
BEDFORD: For Lucas M50 series DD starters.
TJ (00.75=>), TK Diesel (00.75=>), TL 220, 330 D (00.80=>).

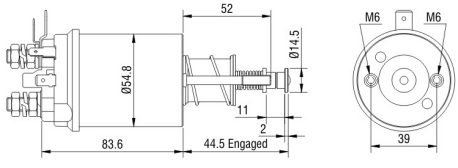
MOTOR DE PARTIDA */ STARTER:*

LUCAS: 26349, 26416

SUBSTITUI */ REPLACE:*

LUCAS: 60933083, 76901, 76926, 76997, 77040, 77089, TOB123, TOB125, TOB183.





ZM 612 12v

CAP ZM 612.96

APLICAÇÃO */ USED ON:*

VEICULOS: For Lucas M418G, M127 series DD starters.
IHC, ListerPetter and MasseyFerguson.

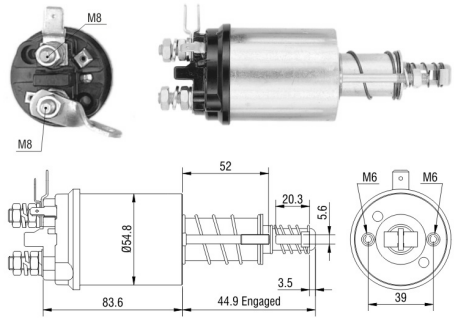
MOTOR DE PARTIDA */ STARTER:*

LUCAS: 25620, 25621, 25627, 25673, 26233, 26236, 26238, 26248, 26264, 26266, 26268, 26269, 26270, 26271, 26275, 26278, 26279, 26283, 26286, 26288, 26301, 26310, 26375, 26412, 26413, 26422, 27409, 27417B, 27419A, 27419D, 27420A, 27432A, 27433A, 27533A, 27543A

SUBSTITUI */ REPLACE:*

LUCAS: 76755, 76759, 76763, 76786, 76796, 76800, 76803, 76804, 76815, 76820, 76821, 76823, 76824, 76826, 76827, 76837, 76850, 76852, 76855, 76871, 76885, 76891, 76892, 76894, 76895, 76897, 76899, 76902, 76908, 76940, 76961, 76982, 77034, 77035, 77058, 77157, 77160, 78871, TOB109, TOB113, TOB121, TOB134, TOB162.

Note: Copper extension terminal supplied only with standalone cap assembly.
Nota: Terminal de extensão de cobre é vendido somente com a tampa reparo.



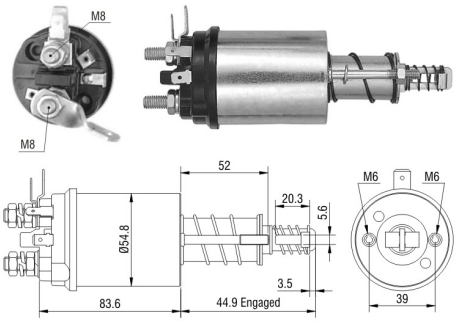
Note: Copper extension terminal supplied only with standalone cap assembly.
Nota: Terminal de extensão de cobre é vendido somente com a tampa reparo.

ZM 613 12v CAP ZM 613.96

APLICAÇÃO */ USED ON:*
LUCAS: For Lucas M127 series DD starters.. VEICULOS: Allis Chalmers, Atlas Copco, Barber Greene, Ford Tractors, J.I. Case, Long Universal, Lucas M127 starters, Massey Ferguson, New Holland and Perkins.

MOTOR DE PARTIDA */ STARTER:*
LUCAS: 27500, 27502, 27503, 27504, 27509, 27513, 27514, 27515, 27516, 27518, 27519, 27520, 27521, 27522, 27528, 27539, 27540, 27541, 27565

SUBSTITUI */ REPLACE:*
LUCAS: 60933111, 76923, 77121, 77121A, 77131, 77141, 77143, TPB104, TPB111, TPB116, TPB118, TPB119.



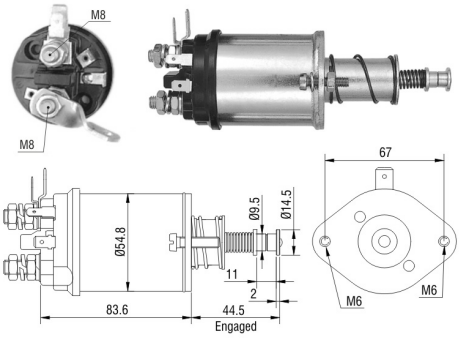
Note: Copper extension terminal supplied only with standalone cap assembly.
Nota: Terminal de extensão de cobre é vendido somente com a tampa reparo.

ZM 1-613 12v CAP ZM 612.96

APLICAÇÃO */ USED ON:*
VEICULOS: Massey-Ferguson, Allis Chalmers, Barber Greene, David Brown, Case Tractors, Jonhson Equipment, Lister Diesel, MG, Rover.

MOTOR DE PARTIDA */ STARTER:*
LUCAS: 27500, 27502, 27503, 27504, 27509, 27513, 27514, 27515, 27516, 27518, 27519, 27520, 27521, 27522, 27528, 27539, 27540, 27541, 27565

SUBSTITUI */ REPLACE:*
LUCAS: 60933111, 76923, 77121, 77121A, 77131, 77141, 77143, TPB104, TPB111, TPB116, TPB118, TPB119.



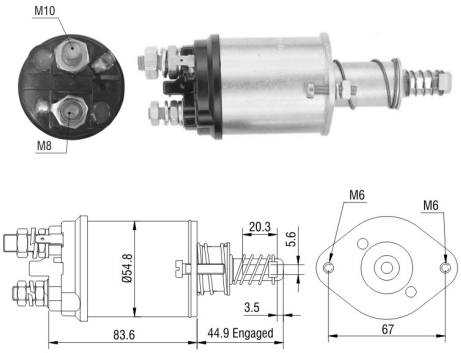
Note: Copper extension terminal supplied only with standalone cap assembly.
Nota: Terminal de extensão de cobre é vendido somente com a tampa reparo.

ZM 614 12v CAP ZM 612.96

APLICAÇÃO */ USED ON:*
VEICULOS: Rolls Royce, Jaguar, Ford Tractors and Leyland Vehicles.

MOTOR DE PARTIDA */ STARTER:*
LUCAS: 26327, 26364, 26400, 26460, 27426

SUBSTITUI */ REPLACE:*
LUCAS: 76888, 76906, 76925, 76983, 77011, 77021, 77128, 77169, TOB103, TOB119, TOB128, TOB131.

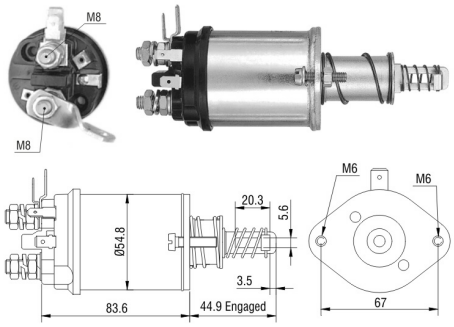


ZM 615 12v CAP ZM 615.96

APLICAÇÃO */ USED ON:*
FORD: Transit 80, 100, 120, 130, 150, 160, 190 2.5 D, TD(11.85=> 09.91), Transit FT Diesel (04.72=>12.86), Ford AO406, AO506 (10.73=>06.83), Ford AO407 (01.86=>), Ford Trucks.. RANGE ROVER:.

MOTOR DE PARTIDA */ STARTER:*
LUCAS: 27531, 27567

SUBSTITUI */ REPLACE:*
FORD: 84VB-11390-AA. LUCAS: 60933109, 77122, TPB124.



Note: Copper extension terminal supplied only with standalone cap assembly.
Nota: Terminal de extensão de cobre é vendido somente com a tampa reparo.

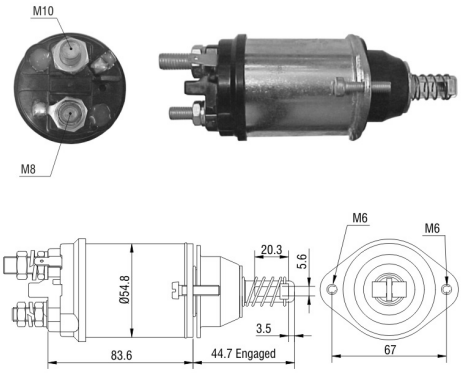
ZM 1-615 12v

CAP ZM 612.96

APLICAÇÃO */ USED ON:*
VEICULOS: Triumph, MG, Massey Ferguson and Rolls Royce.

MOTOR DE PARTIDA */ STARTER:*
LUCAS: 25626A, 25626D, 25647A, 25647L

SUBSTITUI */ REPLACE:*
LUCAS: 76816, 76896, 76939, TOB167.



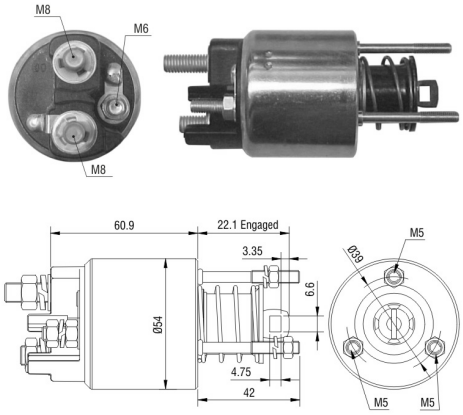
ZM 616 12v

CAP ZM 615.96

APLICAÇÃO */ USED ON:*
VEICULOS: Ford Transit, Fiat Allis, AMC Jeep, Flak 8035, Deutz Tractors, FL912 Eng., Ford York Eng., IHC TH36 Tractors, Universal Tractors 445, 550, Land Rover 2.25 liter Petrol.

MOTOR DE PARTIDA */ STARTER:*
LUCAS: 26390, 26394, 27430, 27440

SUBSTITUI */ REPLACE:*
LUCAS: 76994, 77036, 77140, 77147, 77149, TOB182, TPB133.



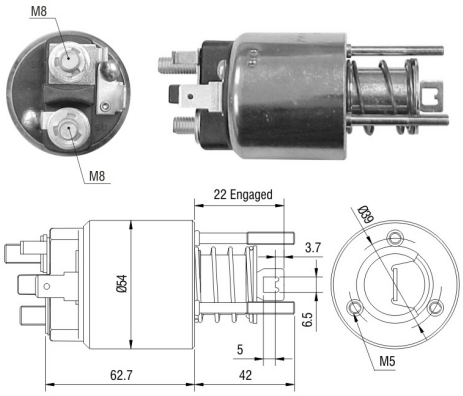
ZM 395 12v

CAP ZM 395.91

APLICAÇÃO / *USED ON:*
FORD: Escort, Fiesta, Ka. MAZDA: 121.

MOTOR DE PARTIDA / *STARTER:*
FORD: 95FB-11000-BC, 95FB-11000-BD, 95FB-11000-BG. MARELLI: 632 235 38, 632 935 38

SUBSTITUI / *REPLACE:*
MARELLI: 855 410 03.



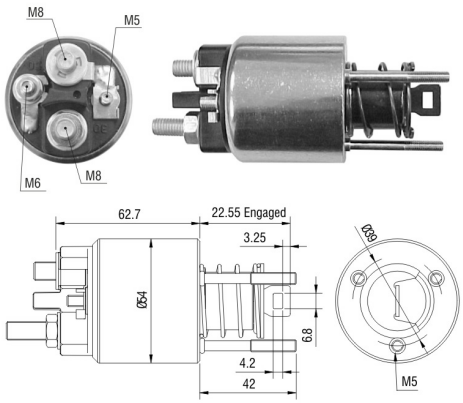
ZM 1-395 12v

CAP ZM 1-395.91

APLICAÇÃO / *USED ON:*
LAND ROVER / ROVER GROUP: Rover 100, Rover 114, Rover 200 216, Rover 214, Rover 216, Rover 25, Rover 400 416, Rover 414, Rover 45.

MOTOR DE PARTIDA / *STARTER:*
MARELLI: 632 231 03, 632 231 04. ROVER: NAD101070, NAD101080

SUBSTITUI / *REPLACE:*
MARELLI: 855 411 10, 855 411 11.



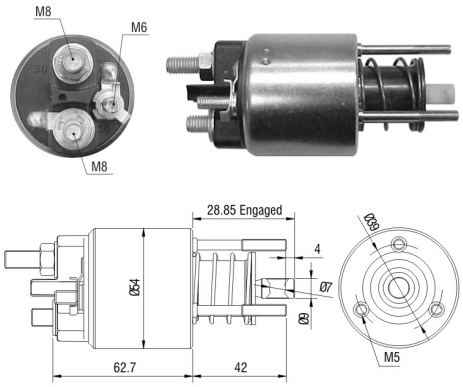
ZM 2-395 12v

CAP ZM 2-395.91

APLICAÇÃO / *USED ON:*
BMW: 3 Series, 5 Series, 6 Series, 7 Series, Z3.

MOTOR DE PARTIDA / *STARTER:*
BMW: 12 41 1 740 373, 7788380. DENSO: MS428000-0660. MARELLI: 631 110 06, 632 235 37, 632 935 37

SUBSTITUI / *REPLACE:*



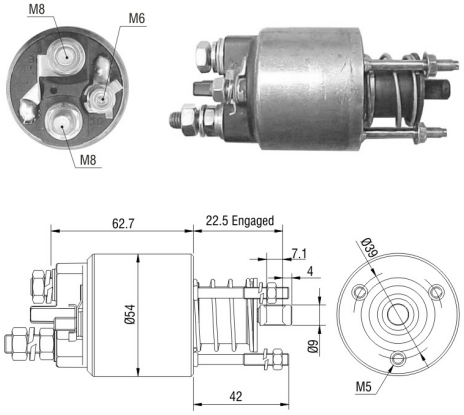
ZM 3-395 12v

CAP ZM 2-595.91

APLICAÇÃO / *USED ON:*
FIAT: Ducato. FIAT-IVECO: Daily.

MOTOR DE PARTIDA / *STARTER:*
FIAT: 1319555080, 1331329080, 46231646, 71721242, 71782324. IVECO: 1311955508. MARELLI: 631 140 14, E95RL, MSN801

SUBSTITUI / *REPLACE:*
MARELLI: 636 024 04.

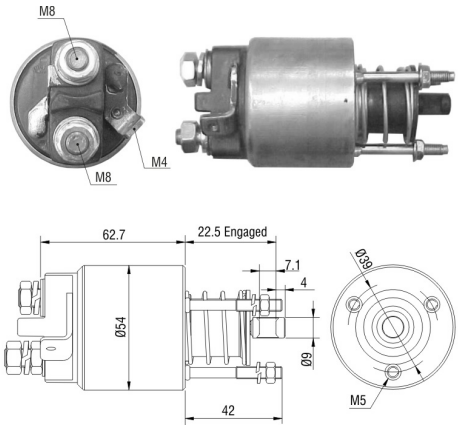


ZM 4-395 12v CAP ZM 3-595.96

APLICAÇÃO / *USED ON:*
FIAT: Palio, Siecento.

MOTOR DE PARTIDA / *STARTER:*
FIAT: 46465475, 46758241. MARELLI: 631 010 04, 631 020 14

SUBSTITUI / *REPLACE:*
BOSCH: 1.987.BE2.016. FIAT: 9948651.

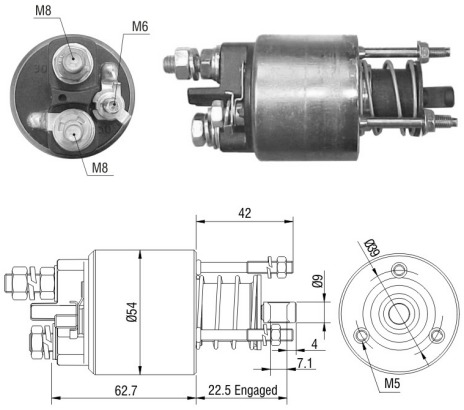


ZM 5-395 12v CAP ZM 5-395.91

APLICAÇÃO / *USED ON:*
GM-OPEL: Astra, Combo, Corsa, Meriva. GM-VAUXHALL: Astra, Astravan, Combo, Corsa, Corsavan, Meriva.

MOTOR DE PARTIDA / *STARTER:*
HITACHI: S114-829, S114-829B. ISUZU: 8-97189-118-1. OPEL: 6202000

SUBSTITUI / *REPLACE:*

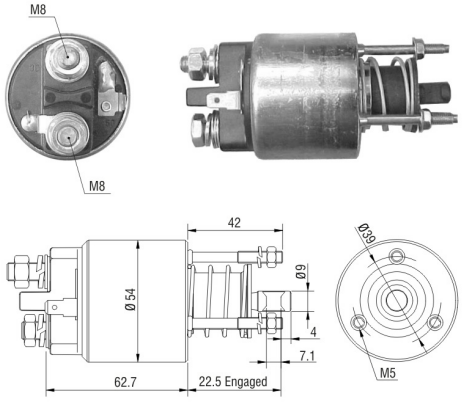


ZM 6-395 12v CAP ZM 2-595.91

APLICAÇÃO / *USED ON:*
FIAT: Brava, Bravo, Marea, Multipla, Palio, Siena. LANCIA: Dedra, Delta, Lybra.

MOTOR DE PARTIDA / *STARTER:*
MARELLI: 631 030 26, 631 110 16, 631 110 17, 631 110 36

SUBSTITUI / *REPLACE:*
MARELLI: 855 417 40, 855 418 60.

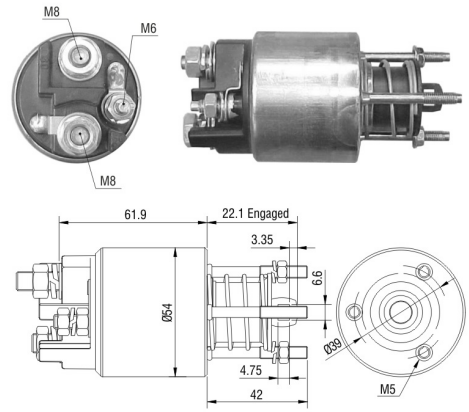


ZM 7-395 12v CAP ZM 7-395.91

APLICAÇÃO / *USED ON:*
CHRYSLER: Smart.

MOTOR DE PARTIDA / *STARTER:*
MARELLI: 631 010 07. MERCEDES-BENZ: 0 051 512 601, 0 051 512 701

SUBSTITUI / *REPLACE:*
MARELLI: 855 413 50.



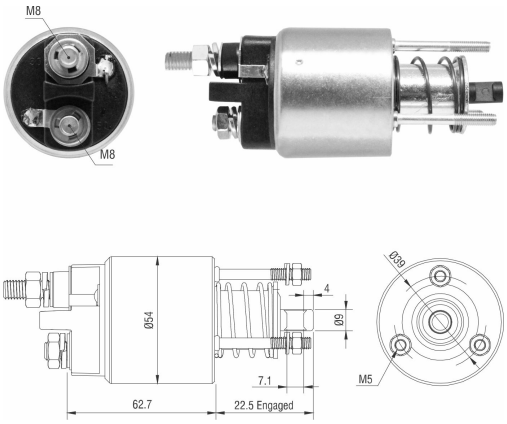
ZM 8-395 12v

CAP ZM 8-395.91

APLICAÇÃO / *USED ON:*
NISSAN: Primera.

MOTOR DE PARTIDA / *STARTER:*
MARELLI: 631 020 00, 631 920 00

SUBSTITUI / *REPLACE:*
MARELLI: 855 412 10.

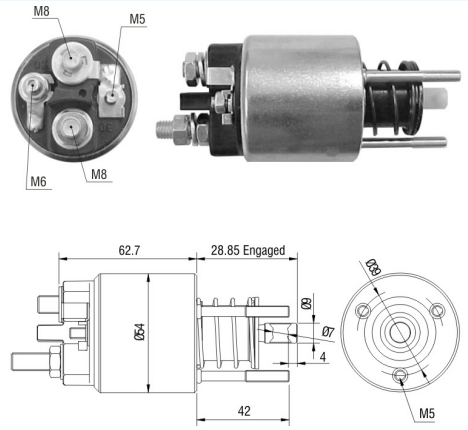


ZM 9-395 12v

APLICAÇÃO / *USED ON:*
ALFA ROMEO: Mito. FIAT: 500, Bravo, Doblò, Idea, Panda, Punto, Stilo. LANCIA: Delta, Musa, Ypsilon.

MOTOR DE PARTIDA / *STARTER:*
MARELLI: 63101021, 63102022, 63103031, 63114012

SUBSTITUI / *REPLACE:*
MARELLI: 85541990.



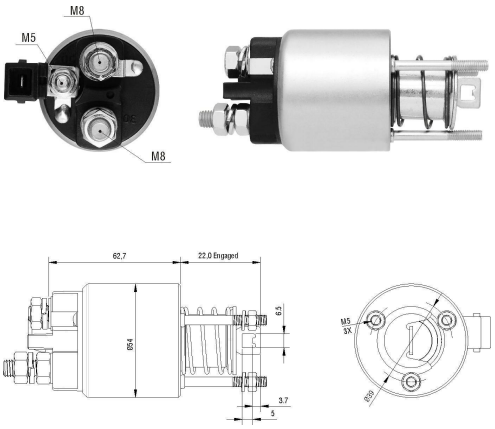
ZM 396 12v

CAP ZM 2-395.91

APLICAÇÃO / *USED ON:*
BMW: 3 Series, 5 Series. GM-OPEL: Omega.

MOTOR DE PARTIDA / *STARTER:*
MARELLI: 063222035010, 632 220 05, MSN320

SUBSTITUI / *REPLACE:*



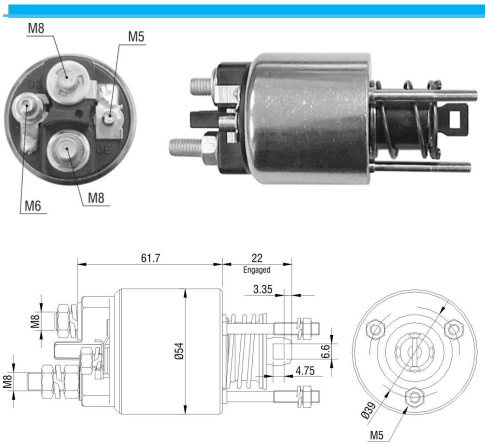
ZM 1-396 12v

CAP ZM 2-395.91

APLICAÇÃO / *USED ON:*
SEAT: Arosa, Cordoba, Ibiza, Inca. VOLKSWAGEN: Caddy, Lupo, Polo.

MOTOR DE PARTIDA / *STARTER:*
MARELLI: 63223039, 63293039, MSN639, MSR911. VOLKSWAGEN: 085911023E

SUBSTITUI / *REPLACE:*
MARELLI: 85541070.

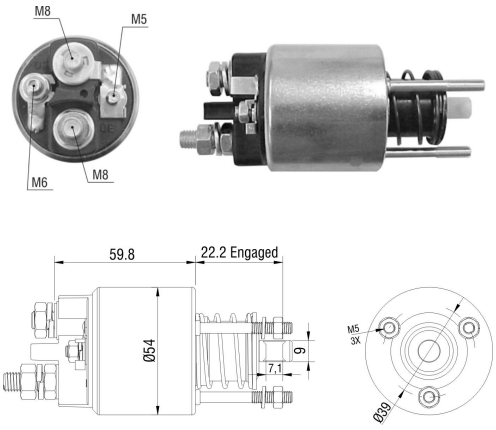


ZM 2-396 12v CAP ZM 2-395.91

APLICAÇÃO */ USED ON:*
BMW: 3 Series, 5 Series.

MOTOR DE PARTIDA */ STARTER:*
BMW: 12-41-2-247-063, 12-41-2-249-295, 12412247063, 12412249295. MARELLI: 63193001

SUBSTITUI */ REPLACE:*
MARELLI: 85541670.

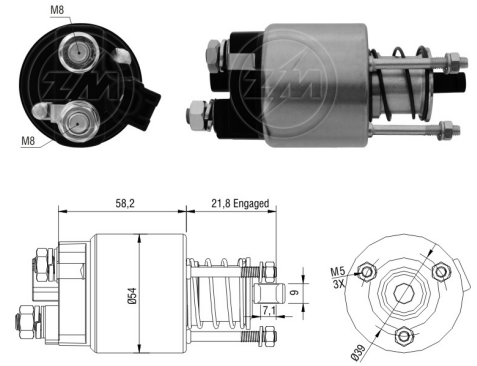


ZM 3-396 12v CAP ZM 2-395.91

APLICAÇÃO */ USED ON:*
BMW: 3 Series, 5 Series.

MOTOR DE PARTIDA */ STARTER:*
BMW: 7515392-04. DENSO: 7515390-03. MARELLI: 428000-0670, MS428000-0670

SUBSTITUI */ REPLACE:*
MARELLI: MS428000-0670.

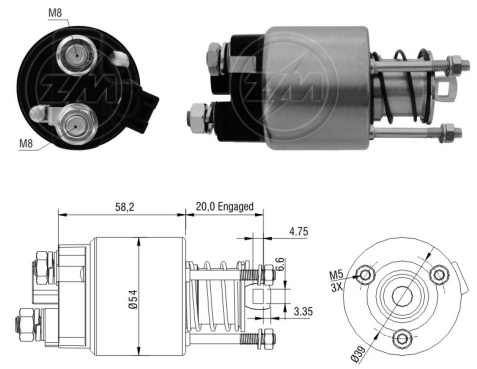


ZM 397 12v CAP ZM 397.91

APLICAÇÃO */ USED ON:*
TOYOTA: Avensis, Corolla.

MOTOR DE PARTIDA */ STARTER:*
DENSO: DJS1362. TOYOTA: 28100-0D090

SUBSTITUI */ REPLACE:*
DENSO: 428000-0680. MARELLI: 428000-0680.

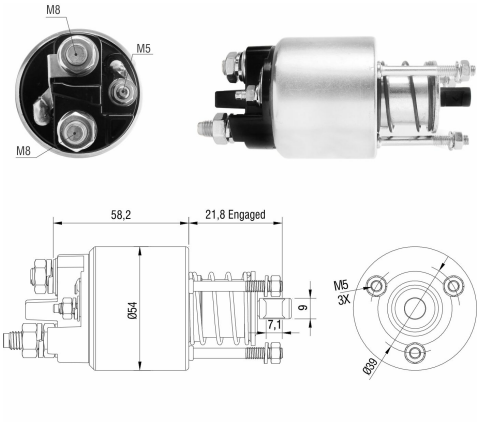


ZM 1-397 12v CAP ZM 397.91

APLICAÇÃO */ USED ON:*
TOYOTA: Avensis, Corolla.

MOTOR DE PARTIDA */ STARTER:*
DENSO: DJS1135-2. LOMBARDINI: SS549. TOYOTA: 28100-0B010, 28100-0B020, 28100-0G010, 28100-0G020

SUBSTITUI */ REPLACE:*
DENSO: 428000-0720. MARELLI: 428000-0720.



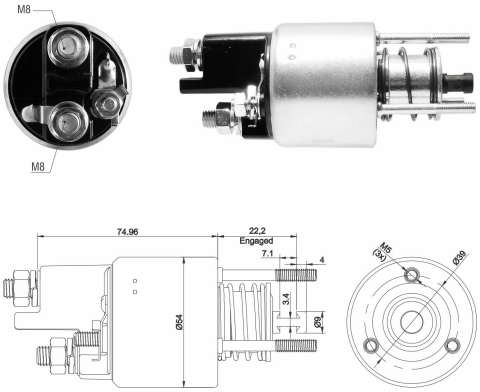
ZM 2-397 12v

CAP ZM 2-397.91

APLICAÇÃO */ USED ON:*
CITROËN: C5. PEUGEOT: 206, 207, 307.

MOTOR DE PARTIDA */ STARTER:*
CITROËN: 5802Y6. DENSO: 428000-1640. PEUGEOT: 5802AZ, 5802Y4, 5802Y5, 964025280, 9646679980

SUBSTITUI */ REPLACE:*
MARELLI: 85553402.

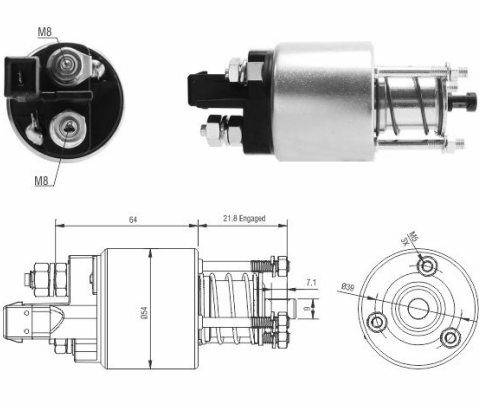


ZM 3-397 12v

APLICAÇÃO */ USED ON:*
MERCEDES-BENZ: 180, 200, 230, 250, C-Class, CLC-Class, CLK-Class, E-Class, SLK-Class, Sprinter.

MOTOR DE PARTIDA */ STARTER:*
DENSO: 428000-1650. MARELLI: 428000-1650. MERCEDES-BENZ: A0051514001

SUBSTITUI */ REPLACE:*

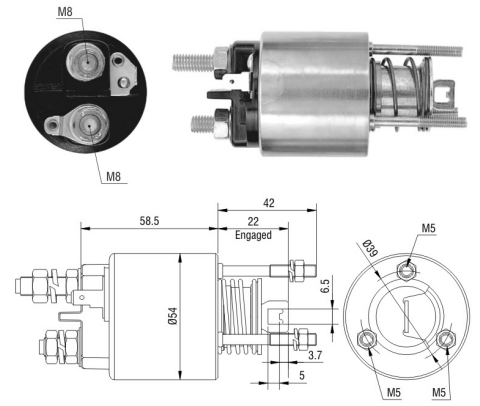


ZM 4-397 12v

APLICAÇÃO */ USED ON:*
BMW: 1 Series, 3 Series, 5 Series, 6 Series, 7 Series, X3, X5, X6, Z4.

MOTOR DE PARTIDA */ STARTER:*
BMW: 7521116-05, 7521122-03. DENSO: 428000-1760, MS428000-1760. MARELLI: 428000-1760, MS428000-1760

SUBSTITUI */ REPLACE:*



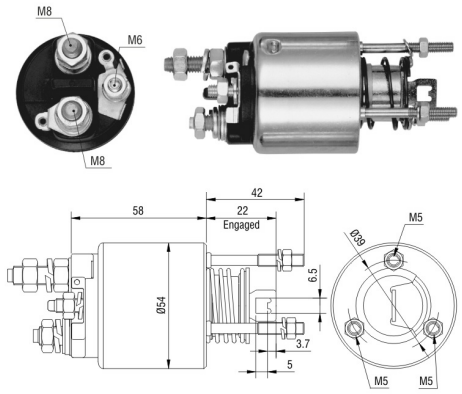
ZM 1-595 12v

CAP ZM 1-595.96

APLICAÇÃO */ USED ON:*
FIAT: Punto, Tempra, Tipo, Uno. LANCIA: Dedra, Delta.

MOTOR DE PARTIDA */ STARTER:*
MARELLI: 632 229 00, 632 230 85, 632 233 03

SUBSTITUI */ REPLACE:*
BOSCH: F.042.010.303. MARELLI: 855 409 61.

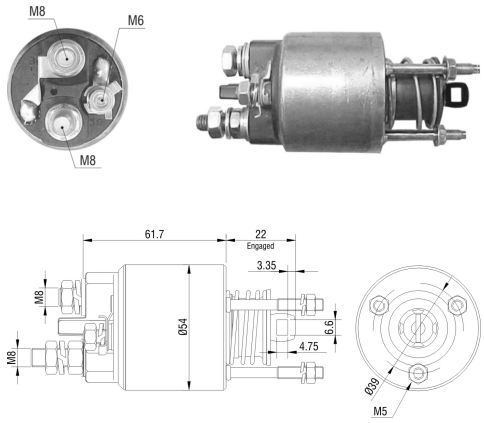


ZM 2-595 12v CAP ZM 2-595.96

APLICAÇÃO / *USED ON:*
FIAT: Brava, Bravo, Marea, Palio, Siena. LANCIA: Delta.

MOTOR DE PARTIDA / *STARTER:*

SUBSTITUI / *REPLACE:*
BOSCH: 1.987.BE2.006. FIAT: 9947960.

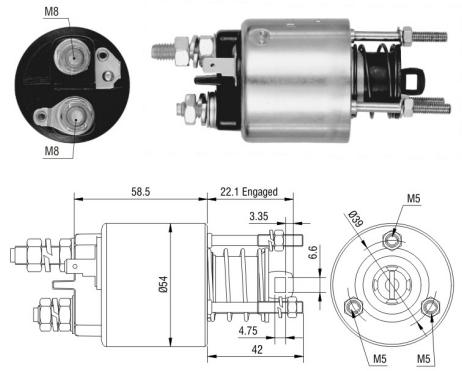


ZM 3-595 12v CAP ZM 3-595.96

APLICAÇÃO / *USED ON:*
FIAT: Brava, Bravo, Cinquecento, Marea, Punto, Siecento, Siena, Uno. LANCIA: Y, Y10.

MOTOR DE PARTIDA / *STARTER:*

SUBSTITUI / *REPLACE:*
FIAT: 9947959.

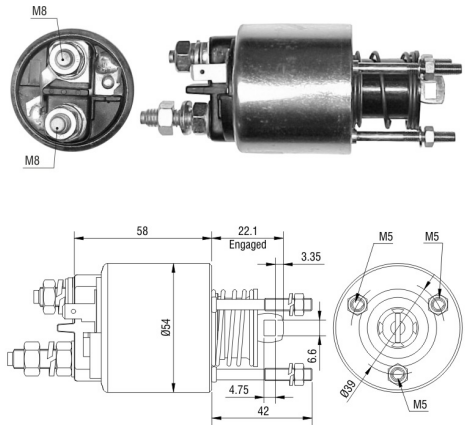


ZM 4-595 12v CAP ZM 1-595.96

APLICAÇÃO / *USED ON:*
FIAT: Punto, Tempra, Tipo, Uno. LANCIA: Dedra, Delta.

MOTOR DE PARTIDA / *STARTER:*

SUBSTITUI / *REPLACE:*
FIAT: 9945630.

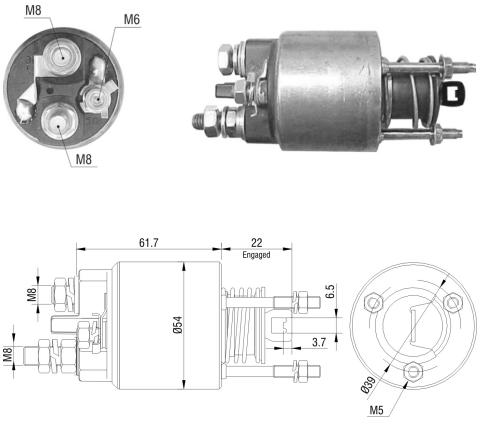


ZM 6-595 12v CAP ZM 6-595.91

APLICAÇÃO / *USED ON:*
FIAT: Cinquecento, Punto, Siecento. LANCIA: Y, Y10.

MOTOR DE PARTIDA / *STARTER:*
MARELLI: 632 228 89, 632 229 36, 632 231 09

SUBSTITUI / *REPLACE:*
FIAT: 9945557. MARELLI: 855 409 81.



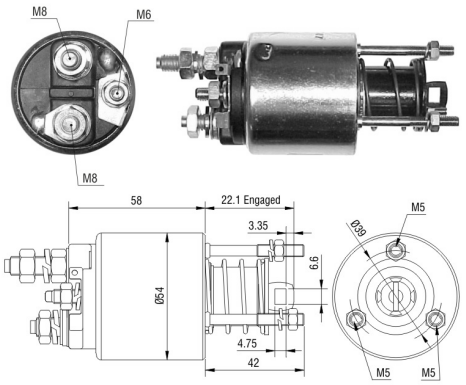
ZM 7-595 12v

CAP ZM 3-595.96

APLICAÇÃO */ USED ON:*
FIAT: Brava, Bravo, Cinquecento, Marea, Punto, Siecento, Siena, Uno. LANCIA: Y, Y10.

MOTOR DE PARTIDA */ STARTER:*
MARELLI: 631 010 00, 631 010 02, 631 020 03, 631 020 07, 632 229 09, 632 231 08, 632 232 00

SUBSTITUI */ REPLACE:*
MARELLI: 855 410 10, 855 414 00.



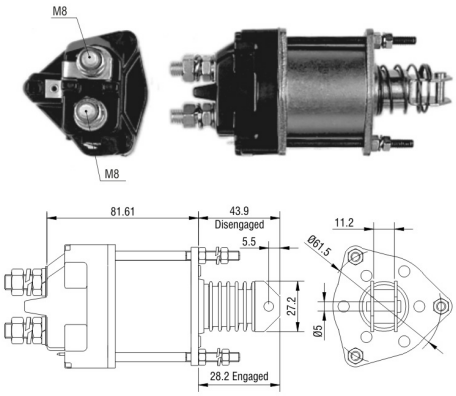
ZM 9-595 12v

CAP ZM 2-595.96

APLICAÇÃO */ USED ON:*
FIAT: Brava, Bravo, Marea, Palio, Siena. LANCIA: Delta.

MOTOR DE PARTIDA */ STARTER:*
MARELLI: 631 020 08, 631 030 02, 631 030 03, 631 030 07, 631 030 08, 631 031 08, 632 229 01, 632 229 08, 632 231 01

SUBSTITUI */ REPLACE:*
MARELLI: 855 414 20.



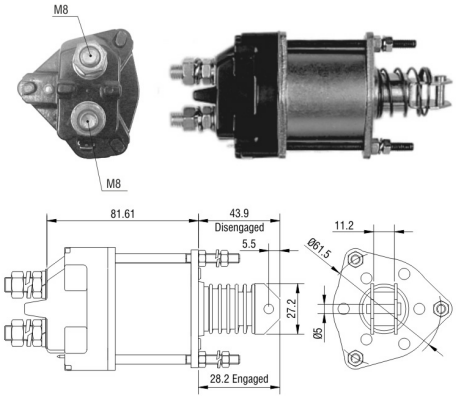
ZM 650 12v

CAP ZM 650.91

APLICAÇÃO */ USED ON:*
FIAT: 128, Regata, Ritmo, Uno, X 1/9. LANCIA: Delta, Gamma, Prisma. ZAZTAVA: Florida, Yugo.

MOTOR DE PARTIDA */ STARTER:*
FIAT: 4198226, 4198600, 4229113, 4229114, 4474714. MARELLI: 632 253 99

SUBSTITUI */ REPLACE:*
FIAT: 4189658. MARELLI: 636 004 00.



ZM 1-650 12v

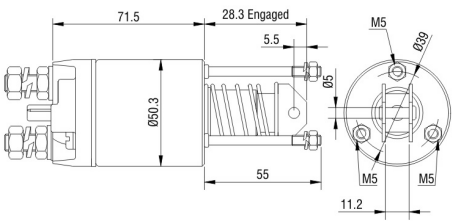
CAP ZM 1-650.91

APLICAÇÃO */ USED ON:*
FIAT: 124, 131, 132, Argenta, Regata, Ritmo.

MOTOR DE PARTIDA */ STARTER:*
FIAT: 4156064, 4162784, 4294494, 4294495, 4474746, 4474762. LADA: 2101-370-8805. MARELLI: 632 224 00, 632 224 30, 632 227 00, 632 227 01, 632 227 30, 632 227 31

SUBSTITUI */ REPLACE:*
FIAT: 4154106. LADA: 2101-3708805. MARELLI: 636 005 07.





ZM 651 12v CAP ZM 652.96

APLICAÇÃO */ USED ON:*

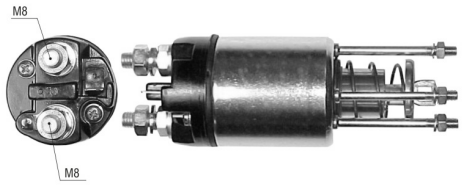
DUCATI: RDM901, RF/V, RF140, RM80, RW120. FIAT: 127, Fiorino, Panda, Regata, Ritmo, Tipo, Uno. RUGGERINI: RD 180, RD 181, RD 188, RD 200, RD 201, RD 210, RD 211, RD 218, RDM 901, RF 100, RF 120, RF 130, RF 140, RF 80, RF 81, RM 80, RW 120. SEAT: Ibiza, Malaga, Ritmo, Ronda.

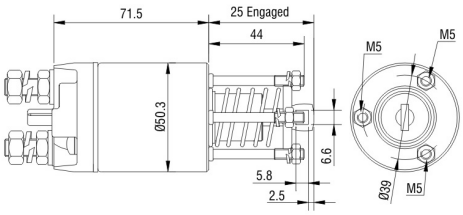
MOTOR DE PARTIDA */ STARTER:*

MARELLI: 632 214 05, 632 214 06, 632 214 35, 632 214 36, 632 215 30, 632 215 33, 632 215 36, 632 216 35, 632 232 03, 632 232 35, 632 232 36, 632 232 37, 632 232 38, 632 232 39, 632 233 30, 632 233 31

SUBSTITUI */ REPLACE:*

FIAT: 9938390. MARELLI: 636 009 01, 855 303 30, 855 400 01, 855 405 61.





ZM 3-651 12v CAP ZM 652.96

APLICAÇÃO */ USED ON:*

FIAT: Cinquecento, Tempra, Tipo, Uno. LANCIA: Dedra.

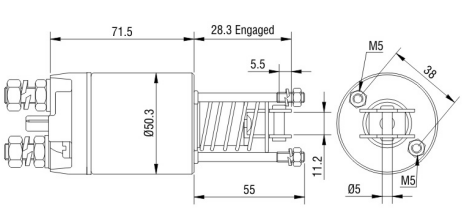
MOTOR DE PARTIDA */ STARTER:*

FIAT: 46231570, 46406469, 46432301, 7668988, 7680616, 7716198. MARELLI: 632 218 32, 632 218 92, 632 228 31, 632 228 32, 632 228 33, 632 228 36, 632 228 37, 632 228 97, 632 230 31, 632 230 32, 632 230 33, 632 234 31, 632 234 36, 632 235 30, 632 235 31, 943 222 831

SUBSTITUI */ REPLACE:*

BOSCH: 1.987.BE2.015. FIAT: 9941308, 9942333. MARELLI: 855 402 31, 855 404 71, 855 404 73, 855 405 01, 855 409 91.





ZM 4-651 12v CAP ZM 652.96

APLICAÇÃO */ USED ON:*

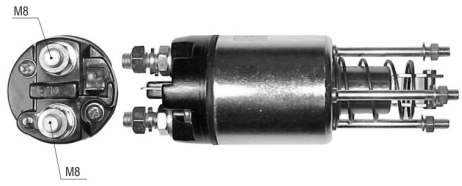
LANCIA: Beta, Trevi.

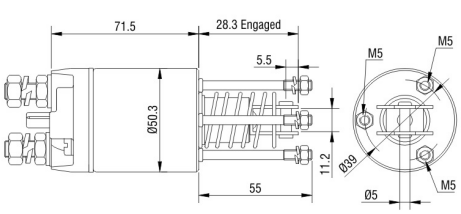
MOTOR DE PARTIDA */ STARTER:*

MARELLI: 632 205 06, 632 205 36, 632 209 01, 632 209 31, 632 213 08, 632 213 09, 632 213 38, 632 214 04, 632 214 31, 632 214 34, 632 216 37

SUBSTITUI */ REPLACE:*

FIAT: 9936623. MARELLI: 636 008 02, 855 300 10, 855 405 91.





ZM 5-651 12v CAP ZM 652.96

APLICAÇÃO */ USED ON:*

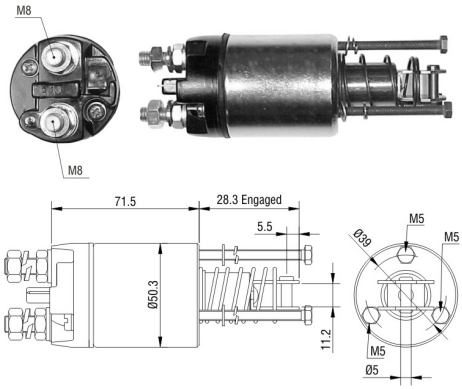
FIAT: Regata. LANCIA: Prisma.

MOTOR DE PARTIDA */ STARTER:*

MARELLI: 632 209 32, 632 214 00, 632 214 30, 632 214 33, 632 214 38, 632 215 31, 632 215 32, 632 215 34, 632 215 38, 632 215 39, 632 216 31, 632 216 32, 632 216 36, 632 217 31

SUBSTITUI */ REPLACE:*

FIAT: 9938442. MARELLI: 636 009 04, 855 302 20, 855 400 41.

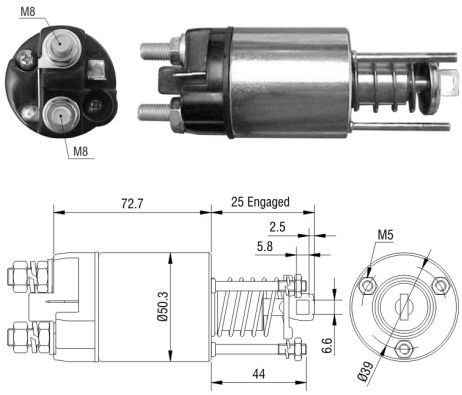


ZM 6-651 12v CAP ZM 652.96

APLICAÇÃO / *USED ON:*
FIAT: Brava, Bravo, Croma, Marengo, Regata, Tempra, Tipo. LANCIA: Thema.

MOTOR DE PARTIDA / *STARTER:*
MARELLI: 632 218 31, 632 220 30, 632 220 31, 632 220 34, 632 220 36, 632 220 38, 632 220 39, 632 221 30, 632 221 33, 632 221 34

SUBSTITUI / *REPLACE:*
FIAT: 9941461. MARELLI: 855 405 81.

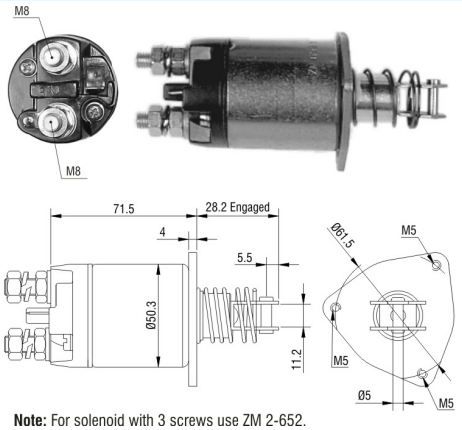


ZM 7-651 12v CAP ZM 7-651.96

APLICAÇÃO / *USED ON:*
AUTOBIANCHI: Y10. FIAT: Panda, Tipo, Uno. LANCIA: Y10. LAND ROVER / ROVER GROUP: Rover 800.

MOTOR DE PARTIDA / *STARTER:*
MARELLI: 632 218 30

SUBSTITUI / *REPLACE:*
MARELLI: 855 400 71.



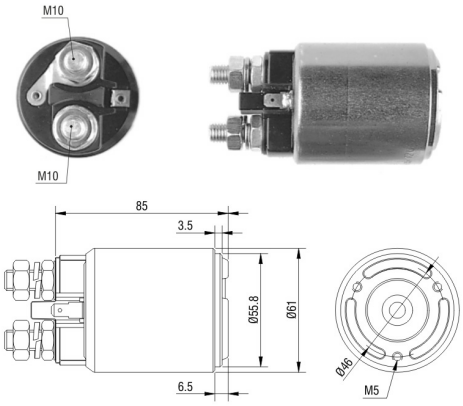
ZM 652 12v CAP ZM 652.96

APLICAÇÃO / *USED ON:*
FIAT: 850, 900. SEAT: 133.

MOTOR DE PARTIDA / *STARTER:*
MARELLI: 632 060 02, 632 060 03, 632 070 01, 632 204 00, 632 204 02, 632 204 03, 632 204 08, 632 204 09, 632 204 30, 632 204 38, 632 204 39, 632 204 40, 632 205 07, 632 205 37, 632 205 38, 632 207 00, 632 207 01, 632 207 02, 632 207 03, 632 207 04, 632 207 05, 632 207 06, 632 207 20, 632 207 21, 632 207 23, 632 207 24, 632 207 26, 632 207 30, 632 207 31, 632 207 32, 632 207 33, 632 207 34, 632 207 35, 632 207 36, 632 207 40, 632 207 41, 632 207 43, 632 207 44, 632 207 45, 632 207 46

SUBSTITUI / *REPLACE:*
FIAT: 4475085, 4475093, 4475095, 9935727, 9938503, 9938576. MARELLI: 636 004 03, 636 004 83, 636 004 93, 636 005 02, 636 005 05, 636 005 08, 855 302 80, 855 302 90, 855 402 81, 855 407 21.

Note: For solenoid with 3 screws use ZM 2-652.

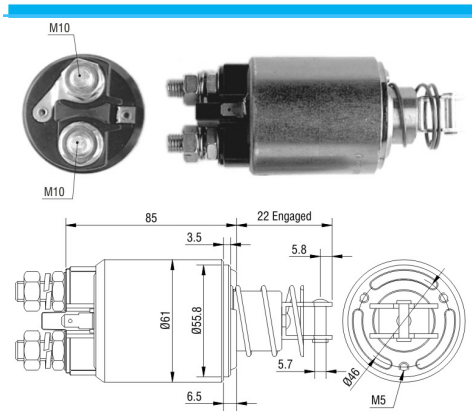


ZM 654 12v CAP ZM 655.96

APLICAÇÃO / *USED ON:*
FIAT: 100.90, 110.90, 115.90, 1180, 1280, 130.90, 1380, 140.90, 1580, 160.90, 180.90, 1880, 85.55, 855 C, 880.5, 90.90, 95.55, 955, 980, Tractor F100, F110, F120, F130. FIAT-IVECO: 115-90, 180-90, 28-8, 30-8, 32-8, 35-8, 40-8, A30-8, A35-8, A40-8. FIATALLIS: FL 4C, FL 4D, TL5.

MOTOR DE PARTIDA / *STARTER:*
MARELLI: 632 161 97, 632 168 15, 632 168 27, 632 168 31, 632 168 33, 632 168 59, 632 168 74, 632 168 96, 632 168 98, 632 171 18, 632 171 19, 632 171 20, 632 171 21, 632 171 25, 632 171 26, 632 171 47, 632 171 48, 632 171 54, 632 171 88, 632 174 10

SUBSTITUI / *REPLACE:*
FIAT: 79036683, 7980335, 9936770, 9957705, 9986144. MARELLI: 636 338 01, 636 338 25, 636 938 01, 855 400 11, 855 402 21.



ZM 655 12v CAP ZM 655.96

APLICAÇÃO */ USED ON:*

FIAT: 100.90, 110.90, 115.90, 1180, 1280, 130.90, 1380, 140.90, 1580, 160.90, 180.90, 1880, 85.55, 855 C, 880.5, 90.90, 95.55, 955, 980, Tractor F100, F110, F120, F130. FIAT-IVECO: 115-90, 180-90, 28-8, 30-8, 32-8, 35-8, 40-8, A30-8, A35-8, A40-8. FIATALLIS: FG, FL 4C, FL 4D, TL5.

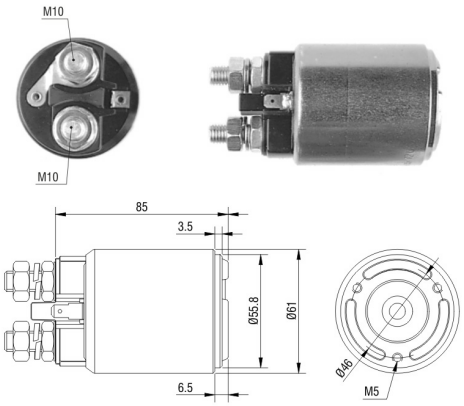
MOTOR DE PARTIDA */ STARTER:*

MARELLI: 632 161 97, 632 168 15, 632 168 27, 632 168 31, 632 168 33, 632 168 59, 632 168 74, 632 168 96, 632 168 98, 632 171 18, 632 171 19, 632 171 20, 632 171 21, 632 171 25, 632 171 26, 632 171 47, 632 171 48, 632 171 54, 632 171 88, 632 174 10

SUBSTITUI */ REPLACE:*

FIAT: 79036683, 7980335, 9936770, 9957705, 9986144. MARELLI: 636 338 01, 636 338 06, 636 338 25, 636 938 01, 790 366 83, 855 400 11, 855 402 21, IE38A, IE38AA.

Note: For solenoid with 3 screws use ZM 2-655.



ZM 656 24v CAP ZM 655.96

APLICAÇÃO */ USED ON:*

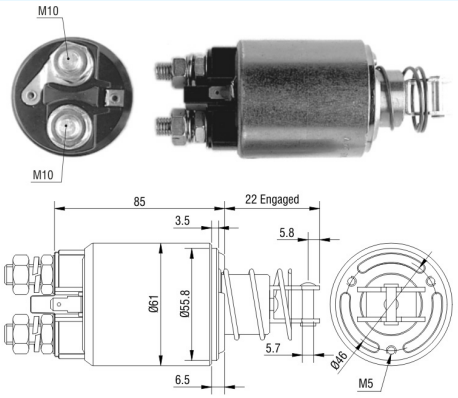
FIAT-IVECO: 100 EC, 100 F13, 100 NC, 100 NT, 100 PC, 100-13, 109-14, 110, 110 NC, 110 NR, 110 NT, 110 PC, 110-14, 115-17, 120-14, 120.13, 135-17, 314-3, 315-3, 315-8-13, 315-8-17, 316-13, 316-8-13, 40 NC, 40-35 OM, 50 NC, 55 NC, 616, 616 N 3/4, 65-14, 6640 G, 75 PC, 79 F13, 79-13, 7914, 80 F13, 80 NC, 80 NT, 80 PC, 80-17 W, 80.16, 90 F13, 90 NC, 90 NT, 90 PC, 90-17 W, 90.13, 95-14, A 90-13, Lorraine. FIATALLIS: 560, 645, 65 B, DI 130 C, DI 150 C, FE 12, FE 12R, FE 14, FE 16, FL 4C, FL 4D, FR 7, FR 9, TL5.

MOTOR DE PARTIDA */ STARTER:*

MARELLI: 632 167 27, 632 167 31, 632 167 33, 632 167 40, 632 167 41, 632 172 25, 632 172 26

SUBSTITUI */ REPLACE:*

FIAT: 79036685, 7980336, 9986109. MARELLI: 636 339 01, 636 339 02, 636 339 25, 636 339 33, 855 402 11.



ZM 657 24v CAP ZM 655.96

APLICAÇÃO */ USED ON:*

FIAT-IVECO: 100 EC, 100 F13, 100 NC, 100 NT, 100 PC, 100-13, 109-14, 110, 110 NC, 110 NR, 110 NT, 110 PC, 110-14, 115-17, 120-14, 120.13, 135-17, 314-3, 315-3, 315-8-13, 315-8-17, 316-13, 316-8-13, 40 NC, 40-35 OM, 50 NC, 55 NC, 616, 616 N 3/4, 65-14, 6640 G, 75 PC, 79 F13, 79-13, 7914, 80 F13, 80 NC, 80 NT, 80 PC, 80-17 W, 80.16, 90 F13, 90 NC, 90 NT, 90 PC, 90-17 W, 90.13, 95-14, A 90-13, Lorraine. FIATALLIS: 560, 645, 65 B, DI 130 C, DI 150 C, FE 12, FE 12R, FE 14, FE 16, FL 4C, FL 4D, FR 7, FR 9, TL5.

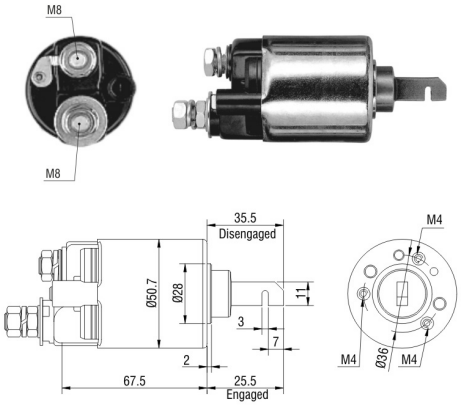
MOTOR DE PARTIDA */ STARTER:*

MARELLI: 632 167 27, 632 167 31, 632 167 33, 632 167 40, 632 167 41, 632 172 25, 632 172 26

SUBSTITUI */ REPLACE:*

FIAT: 79036685, 7980336, 9986109. MARELLI: 636 339 01, 636 339 02, 636 339 25, 636 339 33, 855 402 11.

Note: For solenoid with 3 screws use ZM 2-657.

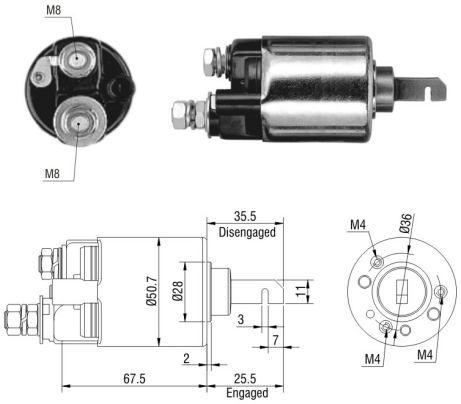


ZM 602 12v CAP ZM 602.96

APLICAÇÃO / *USED ON:*
HONDA: CR-V, CRX, Civic, Concerto, Integra, Jazz.

MOTOR DE PARTIDA / *STARTER:*
MITSUBA: SM302-04, SM302-07, SM302-16

SUBSTITUI / *REPLACE:*
HONDA: 31210-PC2-026, 31210-PE1-171.

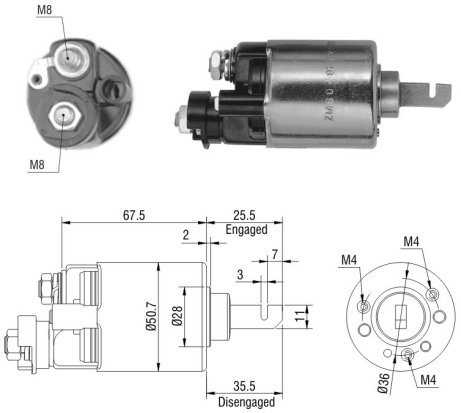


ZM 603 12v CAP ZM 602.96

APLICAÇÃO / *USED ON:*
HONDA: Accord, Prelude.

MOTOR DE PARTIDA / *STARTER:*
MITSUBA: SM302-02, SM302-08, SM302-18, SM302-28, SM402-10N

SUBSTITUI / *REPLACE:*
HONDA: 31210-PC2-016, 31210-PD2-006, 31210-PD2-016.

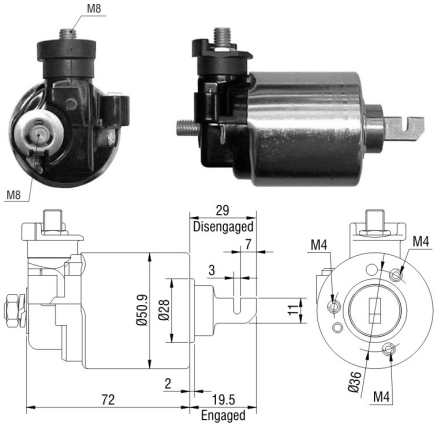


ZM 604 12v CAP ZM 604.96

APLICAÇÃO / *USED ON:*
HONDA: Accord, Shuttle.

MOTOR DE PARTIDA / *STARTER:*
MITSUBA: SM402-03, SM402-07

SUBSTITUI / *REPLACE:*
HONDA: 31210 PT0-004, 31210 PT0-9050.

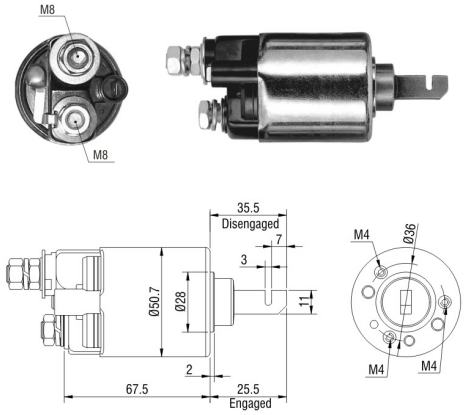


ZM 605 12v CAP ZM 605.96

APLICAÇÃO / *USED ON:*
HONDA: Civic.

MOTOR DE PARTIDA / *STARTER:*
HONDA: 31200-P2C-901, 31200-P2E-901, 31200-P2E-A51. MITSUBA: SM442-07, SM442-08-1N, SM442-10, SM442-11

SUBSTITUI / *REPLACE:*
HONDA: 31210-P2A-901, 31210-P2C-901.

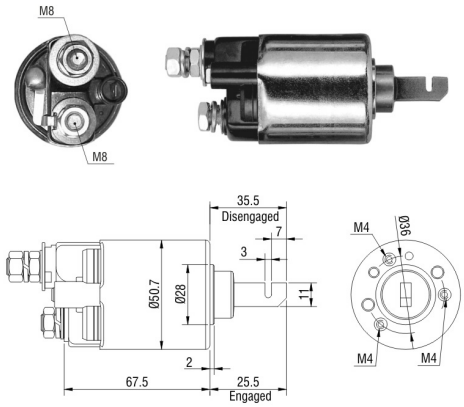


ZM 606 12v CAP ZM 606.96

APLICAÇÃO */ USED ON:*
HONDA: Accord, Acura, CRX, Civic, Integra, Prelude.

MOTOR DE PARTIDA */ STARTER:*
MITSUBA: SM302-24, SM302-25, SM302-44, SM302-45, SM302-46, SM302-48, SM402-02, SM402-03, SM402-13N, SM402-15, SM402-15N, SM402-16N

SUBSTITUI */ REPLACE:*
HONDA: 31210-P01-005, 31210-P13-904, 31210-P30-005, 31210-PT0-904.

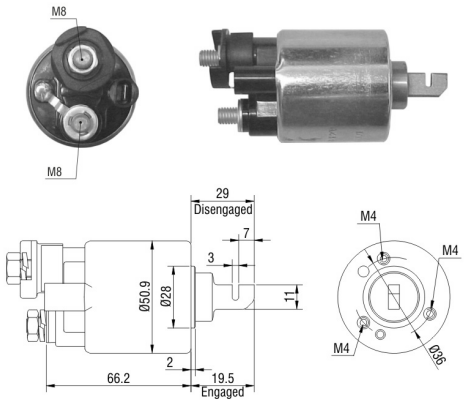


ZM 607 12v CAP ZM 606.96

APLICAÇÃO */ USED ON:*
HONDA: Prelude. MITSUBISHI: Galant, Lancer, Pajero.

MOTOR DE PARTIDA */ STARTER:*
MITSUBA: SM302-22, SM402-04, SM402-05, SM402-11N

SUBSTITUI */ REPLACE:*
HONDA: 31210-PT0-01.

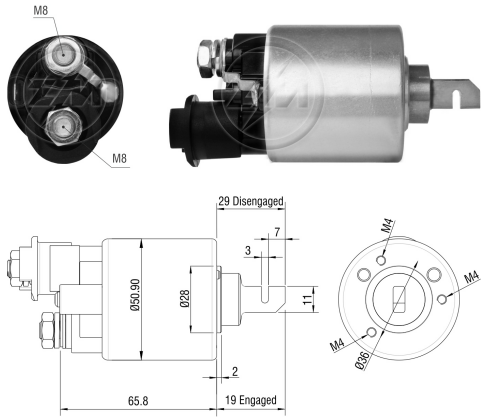


ZM 608 12v CAP ZM 608.96

APLICAÇÃO */ USED ON:*
ACURA: CL, EL, TL. HONDA: Accord, Civic, Odyssey.

MOTOR DE PARTIDA */ STARTER:*
HONDA: 31200-P27-J01, 31200-P28-A52, 31200-P2A-004, 31200-P2A-014, 31200-P2C-004, 31200-P2M-A61, 31200-P2M-J61, 31200-P2T-J01, 31200-P5M-902, 31200-P8F-A01. MITSUBA: SM422-08, SM422-09, SM422-19, SM442-01, SM442-09, SM442-09-1R, SM442-10-1K, SM442-13-1S, SM442-22

SUBSTITUI */ REPLACE:*
BOSCH: F.042.010.381. HONDA: 31210-P2A-004, 31210-P2C-004, 31210-P2C-J61, 31210-P2J-J61, 31210-P8A-A01.

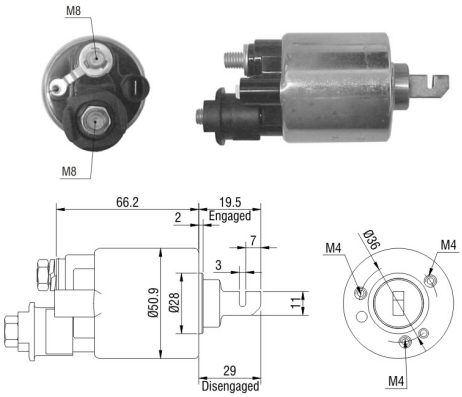


ZM 1-608 12v CAP ZM 1-608.96

APLICAÇÃO */ USED ON:*
HONDA: HR-V, STREAM.

MOTOR DE PARTIDA */ STARTER:*
HONDA: 31200-PEL-004. MITSUBA: SM442-25

SUBSTITUI */ REPLACE:*
HONDA: 31210-PEL-004.



ZM 609 12v CAP ZM 609.96

APLICAÇÃO */ USED ON:*

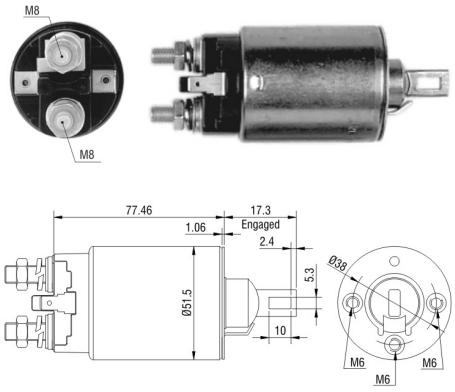
ACURA: CL. GM-ISUZU: Oasis. HONDA: Accord, Odyssey.

MOTOR DE PARTIDA */ STARTER:*

HONDA: 31200-P0A-004, 31200-PAA-A02. ISUZU: 5-86202-606-0, 5-86206-168-0. MITSUBA: SM422-02, SM442-02-0W

SUBSTITUI */ REPLACE:*

HONDA: 31210-P0A-004, 31210-PAA-A02.



ZM 690 12v CAP ZM 690.96

APLICAÇÃO */ USED ON:*

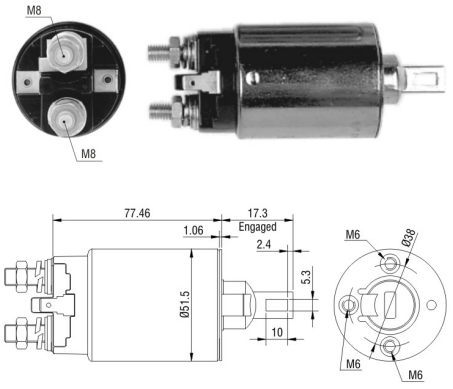
AUDI: 100, 200, 5000, 80, 90, A6, Cabrio, Coupe, Quattro. MAZDA: 626, Xedos 6. NISSAN: Cabstar, Cherry, Laurel, Micra, Patrol, Prairie, Sunny, Urvan. VOLKSWAGEN: Passat, Quantum, Santana.

MOTOR DE PARTIDA */ STARTER:*

MAZDA: FE79-18-X10, KL06-18-X10. MITSUBISHI: M1T50071, M2T23081, M2T23685, M2T25681, M2T50181, M2T53581, M2T53781, M2T53881, M2T54085, M2T58381, M3T21281, M3T21881, M3T21882, M3T23081, M3T24488, M3T25281, M3T26685, M3T27686, M3T33588, MEA10-7, MEA13-1, MEC01-2. NISSAN: 23300-04E10, 23300-20H12, 23300-32F10, 23300-37A10, 23300-D0110, 23300-D0212, 23300-L1110, 23300-L1111, 23300-M8111, 23300-N5911, 23300-P5111, 23300-P5113, 23300-Y0513, 23300-Y0712

SUBSTITUI */ REPLACE:*

MAZDA: FE79-18-X10, KL06-18-X10. MITSUBISHI: M371X16171, M371X58871, SB161, SB163, SB164, SB329, SB330, SB530, SB530F, SB530G, SB587, SB587F, SB588, SB806. NISSAN: 23343-04E10.



ZM 691 12v CAP ZM 690.96

APLICAÇÃO */ USED ON:*

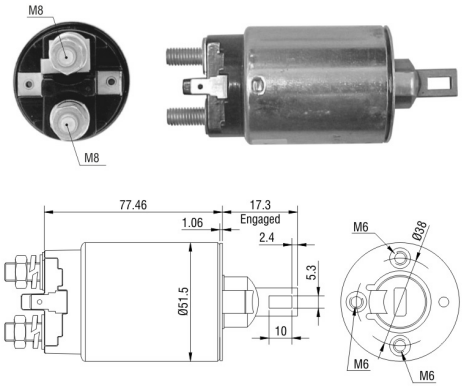
HYUNDAI: Elantra. MITSUBISHI: Colt, Empilhadeira, Galant, Lancer, Lift, Starion.

MOTOR DE PARTIDA */ STARTER:*

MITSUBISHI: M2T50381, M2T50881, M2T53083, M2T53085, M2T54271, M2T58581, M2T58681, M3T10473, M3T11172, M3T11173Q, M3T22582, M3T25782, M3T25882, M3T25883, M3T25981, M3T32581, M3T32583, M3T32681, M4T14771, MGE01-1

SUBSTITUI */ REPLACE:*

BOSCH: 1.987.001.013, F.042.010.500. MAZDA: 0222-24-760A, 0324-24-760A. MITSUBISHI: M371X00171, MD602074, MD602879, MD607549, SB303, SB304, SB502, SB506, SB506F, SB592F, SB594F, SC001. NISSAN: 23343-B5010, 23343-P0610.



ZM 1-691 12v CAP ZM 697.96

APLICAÇÃO */ USED ON:*

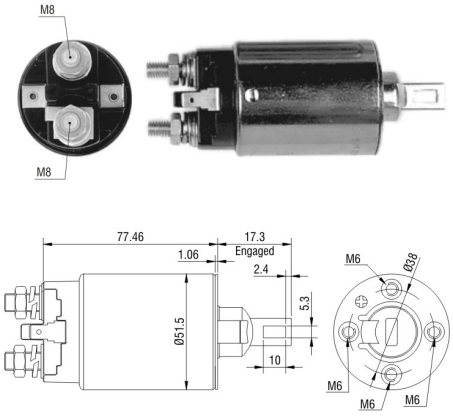
HYUNDAI: Accent, Exel, Lantra, Pony, S Coupe, Stellar. MAZDA: 121. MITSUBISHI: L 300.

MOTOR DE PARTIDA */ STARTER:*

MITSUBISHI: M2T52071, M3T10071, M3T10471, M3T10475, M3T10476, M3T11174, M3T21781, M3T22581, MEA01-0, MEA01-1, MED03-4

SUBSTITUI */ REPLACE:*

MITSUBISHI: M371X01871.



ZM 692 12v CAP ZM 692.96

APLICAÇÃO */ USED ON:*

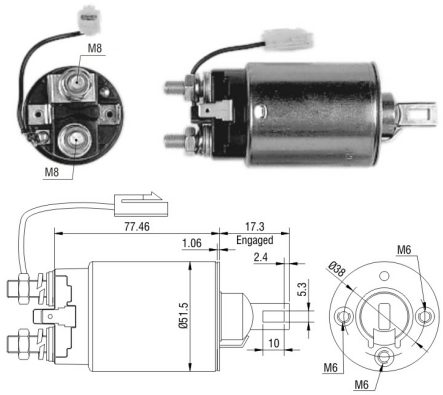
MITSUBISHI: Colt, Galant, Lancer, Space. NISSAN: Bluebird, Cherry, Datsun, Micra, Patrol, Prairie, Sunny.

MOTOR DE PARTIDA */ STARTER:*

MITSUBISHI: M1T50471, M2T20181, M2T20182, M2T20281, M2T23181, M2T50581, M2T50585, M2T50981, M2T51181, M2T52671, M2T52681, M3T20681, M3T26081, M3T27581, M3T29481, M3T36081, M3T36481, M4T18171, MCA02-0, MCA03-0, MEA06-1, MEA07-1, MEA95-0

SUBSTITUI */ REPLACE:*

MAZDA: 1757-24-760. MITSUBISHI: M371X00272, M371X17271, M371X54771. NISSAN: 23343-B5010, 23343-B5011.

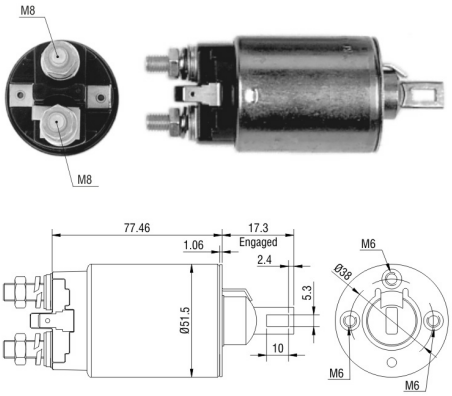


ZM 693 12v CAP ZM 693.96

APLICAÇÃO */ USED ON:*
FORD: EcoNovan. MAZDA: 323, 324, 325.

MOTOR DE PARTIDA */ STARTER:*
MAZDA: E301-18-400, E301-18-400A, F850-18-400, F850-18-400A, FE50-18-400, FE50-18-400A, HE65-18-400, HE66-18-400, HE66-18-400A. MITSUBISHI: M3T20781, M3T22381, M3T22781, M3T24081, M3T24485, M3T24486, M3T30281, M3T30282, M3T32081, M3T32382, M3T32781, M3T32782, M3T33585, M3T33586, M3T34081, M3T34082

SUBSTITUI */ REPLACE:*
MAZDA: 8218-24-760, 8937-24-760. MITSUBISHI: M371X33371, SB512F, SB533F.

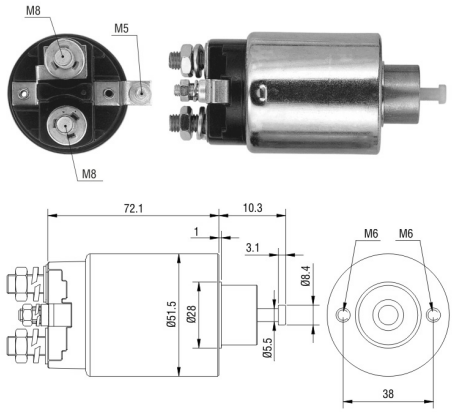


ZM 694 12v CAP ZM 692.96

APLICAÇÃO */ USED ON:*
CHRYSLER-DODGE: Challenger, Colt, Conquest, D50, RAM-50. CHRYSLER-PLYMOUTH: Arrow, Colt, Conquest, Sapporo. HYUNDAI: Stellar. MAZDA: MX-3. MITSUBISHI: Cordia, Montero, Pick-up, Starion, Tredia.

MOTOR DE PARTIDA */ STARTER:*
MAZDA: K801-18-400C, K802-18-400. MITSUBISHI: M2T24181, M2T25581, M2T51281, M2T51282, M2T53081, M2T53082, M3T80371

SUBSTITUI */ REPLACE:*
MAZDA: K801-18-Z10. MITSUBISHI: M371X36271, MD607412, SB562.

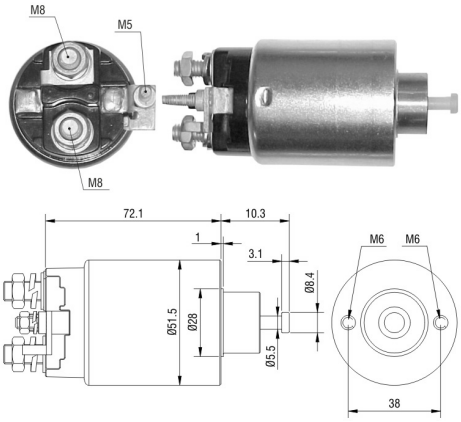


ZM 695 12v CAP ZM 695.96

APLICAÇÃO */ USED ON:*
JEEP: Cherokee, Comanche, Grand Cherokee, Grand Wagoneer, J, Wagoneer, Wrangler.

MOTOR DE PARTIDA */ STARTER:*
MITSUBISHI: M001T74287ZC, M1T74281, M1T74286, M1T74286ZC, M1T76081

SUBSTITUI */ REPLACE:*
AMC: 8933002708, 8983503655. BOSCH: F.042.010.399. MITSUBISHI: M371X62571, SB625.

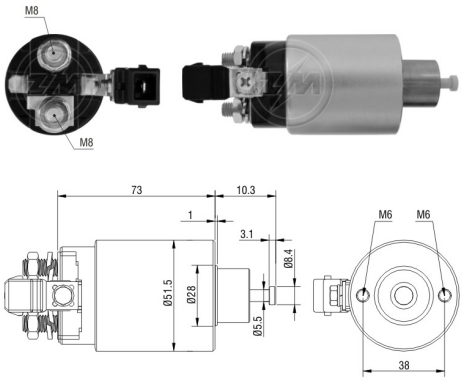


ZM 1-695 12v CAP ZM 1-695.96

APLICAÇÃO */ USED ON:*
CHRYSLER-DODGE: Dodge Dakota. JEEP: Cherokee, Wrangler.

MOTOR DE PARTIDA */ STARTER:*
MITSUBISHI: M1T79481, M1T79482

SUBSTITUI */ REPLACE:*
BOSCH: F.042.010.412. MITSUBISHI: M371X94071.

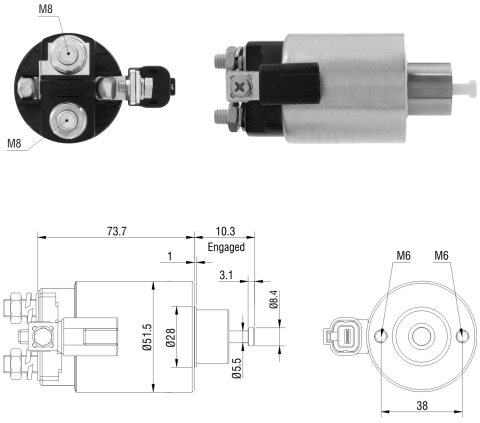


ZM 2-695 12v CAP ZM 2-695.96

APLICAÇÃO */ USED ON:*
AGRALE: Micro Onibus Volare. GM-CHEVROLET: Blazer, S10, Silverado. TROLLER: T4.

MOTOR DE PARTIDA */ STARTER:*
MITSUBISHI: M002T87771

SUBSTITUI */ REPLACE:*
BOSCH: 1.987.BE2.013. MITSUBISHI: M371BA2673.

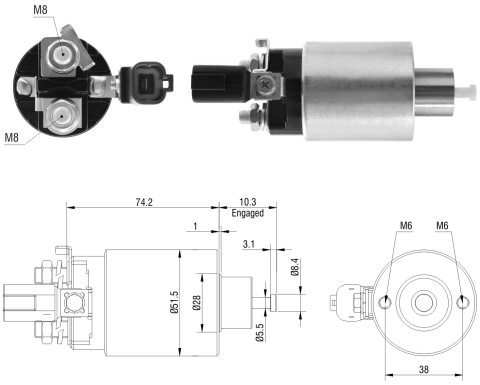


ZM 3-695 12v CAP ZM 3-695.96

APLICAÇÃO */ USED ON:*
NISSAN: Altima, Sentra.

MOTOR DE PARTIDA */ STARTER:*
MITSUBISHI: M0T85081, MOT86685, MOT87085, MOT90685. NISSAN: 23300-09E010

SUBSTITUI */ REPLACE:*
NISSAN: 23343-09E010.

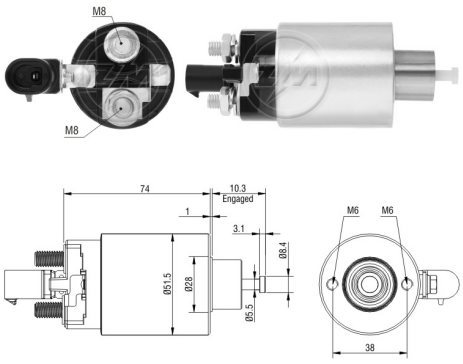


ZM 4-695 12v CAP ZM 4-695.96

APLICAÇÃO */ USED ON:*
NISSAN: Altima, Infiniti, Pathfinder.

MOTOR DE PARTIDA */ STARTER:*
MITSUBISHI: M000T60181A, MOT60181, MOT60181A, MOT60781. NISSAN: 23300-0W010, 23300-0W011, 23300-8J000

SUBSTITUI */ REPLACE:*
MITSUBISHI: M371X95275.

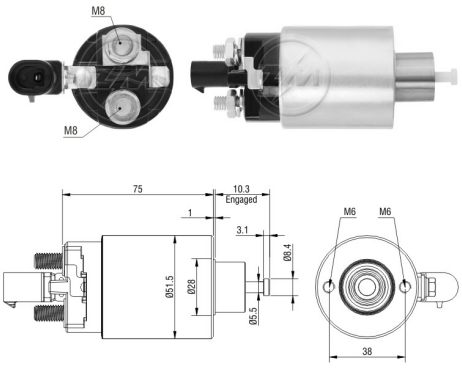


ZM 5-695 12v CAP ZM 5-695.96

APLICAÇÃO */ USED ON:*
CHRYSLER-DODGE: Dakota. JEEP: Cherokee, Grand Cherokee, Wrangler.

MOTOR DE PARTIDA */ STARTER:*
CHRYSLER: 56041012AB, 56041012AD, 56041013AB, 56041013AC, 56041013AE. MITSUBISHI: M0T83381, M0T83381ZC, M0T84881, M0T84881ZC, M0T84882ZC, M1T79483, M1T79484, M1T84381, M1T84381ZC, M1T84382, M1T84382ZC

SUBSTITUI */ REPLACE:*

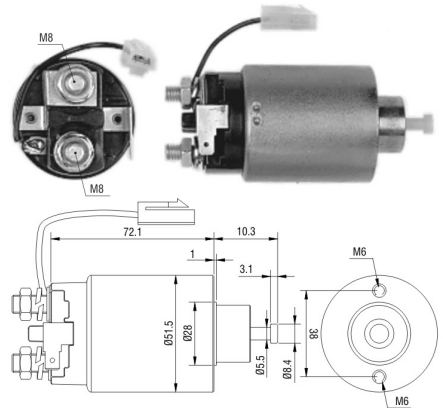


ZM 6-695 12v CAP ZM 2-695.96

APLICAÇÃO */ USED ON:*
JEEP: Cherokee, Grand Cherokee, Wrangler.

MOTOR DE PARTIDA */ STARTER:*
CHRYSLER: 56041012AB, 56041012AD. MITSUBISHI: M1T84381, M1T84381ZC, M1T84382, M1T84382ZC

SUBSTITUI */ REPLACE:*

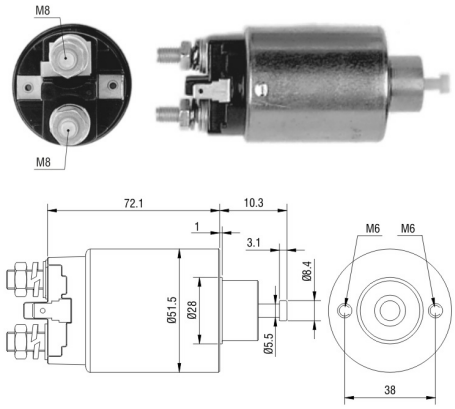


ZM 696 12v CAP ZM 696.96

APLICAÇÃO */ USED ON:*
HYUNDAI: Elantra, H100, Sonata, Starex. MITSUBISHI: Colt, Eclipse, Galant, Lancer, Pajero, Space, Starion.

MOTOR DE PARTIDA */ STARTER:*
MITSUBISHI: M1T70481, M1T70485, M3T32592, MD034120, MD100431

SUBSTITUI */ REPLACE:*
BOSCH: F.042.010.424. KIA: 36120-11130, 36120-11140, 36120-32510. MAZDA: AM15-18-X10. MITSUBISHI: M371X60271, MD607997, MD618581, MD618613, SB602, SB615.

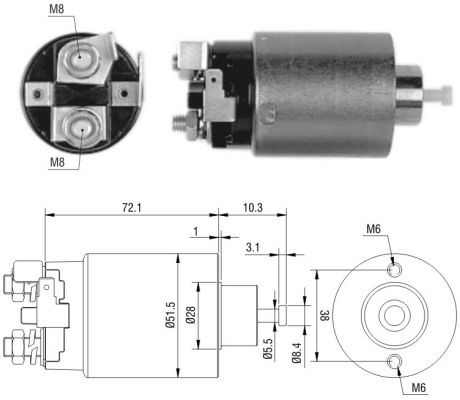


ZM 697 12v CAP ZM 697.96

APLICAÇÃO */ USED ON:*
KIA MOTORS: Pride. MAZDA: 121, 323, 626, 929. SUZUKI: Grand Vitara, SJ, Samurai, Vitara, X-90.

MOTOR DE PARTIDA */ STARTER:*
MITSUBISHI: M003T41781, M1Q71281, M1T60381, M1T70283, M1T70381, M1T71081, M1T71281, M1T71881, M1T74081, M1T74581, M2T30381, M2T30481, M2T42381, M3T24482A, M3T24482H, M3T30481, M3T41781. SUZUKI: 31100-8303

SUBSTITUI */ REPLACE:*
BOSCH: F.042.010.416. KIA: 36120-21740. MAZDA: B6S8-18-X10, F2D4-18-X10, PN11-18-X10. MITSUBISHI: M371X60371, M371X62171, M371X63071, M373X71973, M375X00171, MD618543, SB621, SB622M, SB623, SB630. NISSAN: 23343-AA000, 23343-M8011. SUZUKI: 31220-82130, 31220-83020, 31220-84030.

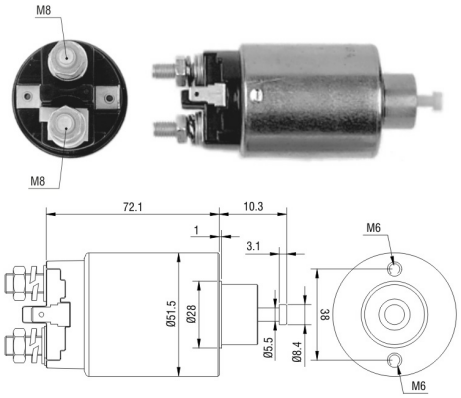


ZM 698 12v CAP ZM 698.96

APLICAÇÃO */ USED ON:*
MITSUBISHI: Galant, Pajero, Sigma. NISSAN: Cherry, Micra, Patrol, Prairie, Sunny.

MOTOR DE PARTIDA */ STARTER:*
MITSUBISHI: M1T70781, M1T70881, M1T71381, M1T71781, M1T74181, M3T27781

SUBSTITUI */ REPLACE:*
BOSCH: F.042.010.423. MAZDA: N326-18-X10. MITSUBISHI: M371X64271, M371X64273, M371X64471, M371X74471, MD611591. NISSAN: 23343-M8210.

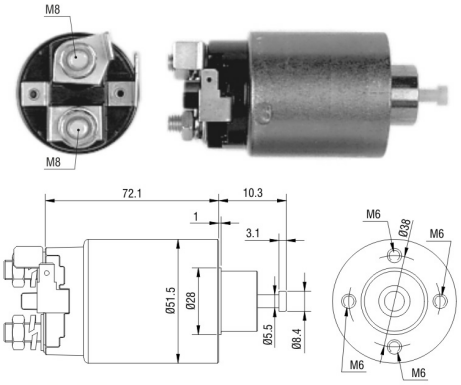


ZM 1-698 12v CAP ZM 1-698.96

APLICAÇÃO */ USED ON:*
HYUNDAI: Sonata. MITSUBISHI: 3000, Galant, Pajero, Sigma. NISSAN: Almera, Primera.

MOTOR DE PARTIDA */ STARTER:*
MITSUBISHI: M008T71471, M008T71471ze, M1T72581, M1T72583, M1T72681, M1T73281, M1T73283, M1T74381, M1T75181, M1T75381, M2T20181D, M2T31081, M8T71471, M8T71471ze. NISSAN: 23300-8H801, 23300-8H80A, 23300-AU600, 23300-AU601

SUBSTITUI */ REPLACE:*
MITSUBISHI: M371X64971, SB642, SB642M, SB644, SB649.



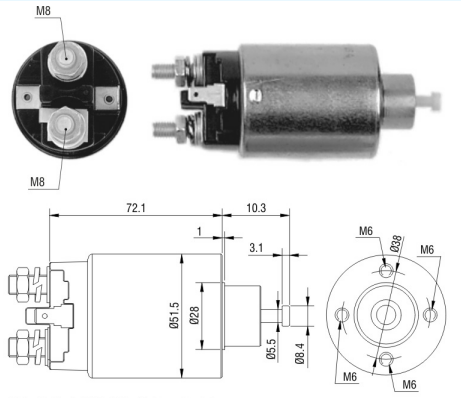
Note: Similar to ZM 698 with 4 mouting holes.
Nota: Similar ao ZM 698 com 4 furos na carcaça.

ZM 4-698 12v CAP ZM 698.96

APLICAÇÃO */ USED ON:*
MITSUBISHI: Galant, Pajero, Sigma. NISSAN: Cherry, Micra, Patrol, Prairie, Sunny.

MOTOR DE PARTIDA */ STARTER:*
MITSUBISHI: M1T70781, M1T70881, M1T71381, M1T71781, M1T74181, M3T27781

SUBSTITUI */ REPLACE:*
MAZDA: N326-18-X10. MITSUBISHI: M371X64271, M371X64273, M371X64471, M371X74471, MD611591. NISSAN: 23343-M8210.



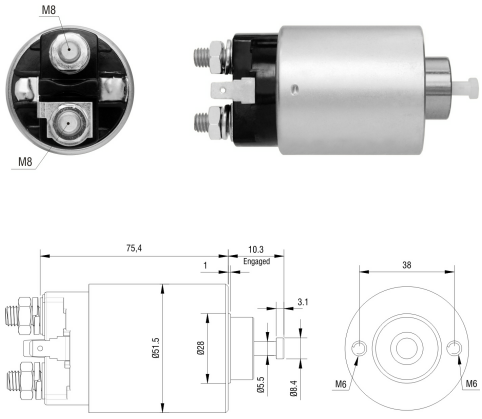
Note: Similar to ZM 1-698 with 4 mouting holes.
Nota: Similar ao ZM 1-698 com 4 furos na carcaça.

ZM 5-698 12v CAP ZM 1-698.96

APLICAÇÃO */ USED ON:*
HYUNDAI: Sonata. MITSUBISHI: 3000, Galant, Pajero, Sigma.

MOTOR DE PARTIDA */ STARTER:*
MITSUBISHI: M1T70781, M1T70881, M1T71781, M1T72681, M1T74181, M1T74381, M1T75181, M1T75581, M1T76281, M1T77081

SUBSTITUI */ REPLACE:*
MITSUBISHI: M371X64971, SB642, SB642M, SB644, SB649.

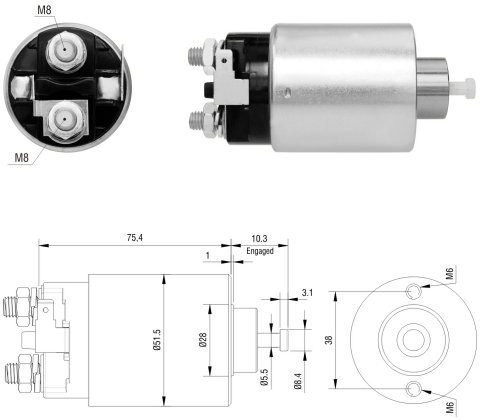


ZM 6-698 12v CAP ZM 1-698.96

APLICAÇÃO */ USED ON:*
MAZDA: Luce, Savana. MITSUBISHI: Canter, Challenger, Delica, L 200, Lancer, Mirage, Pajero, Strada.

MOTOR DE PARTIDA */ STARTER:*
MITSUBISHI: 1810A050, 1810A053, M001T74181A, M002T75071, M002T75071A, M002T75073, M002T75073A, M002T75074, M002T85271AA, M002T87071, M002T87072ZT, M002T87171ZT, M002T88271, M008T715071A, M008T75074ZA, M008T75074ZT, MD312857, MD312858, MD314167, MD315547, MD315548, MD348221, ME201650, ME202970, ME204424, ME204425

SUBSTITUI */ REPLACE:*
MITSUBISHI: M371X64273, M371XA0274, ME701462.

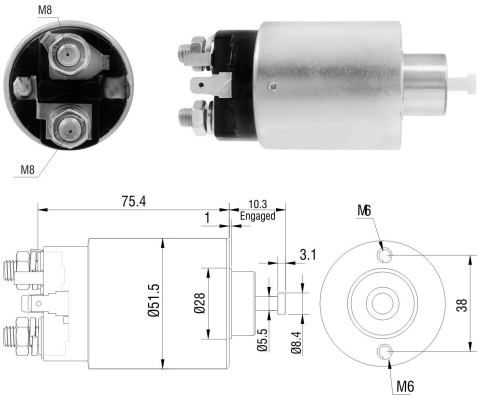


ZM 7-698 12v CAP ZM 7-698.96

APLICAÇÃO */ USED ON:*
MITSUBISHI: Carisma, Colt, Galant, Lancer, Pajero, Pajero Pinin, Pajero TR4. VOLVO: S40, V40.

MOTOR DE PARTIDA */ STARTER:*
MITSUBISHI: M000T80581, M000T81281, M000T81283, M000T81284, M332022D, MD301351, MD332022, MD356104, MD360368, MR994325

SUBSTITUI */ REPLACE:*
MAZDA: FP13-18-X10. MITSUBISHI: M371X74071, M371X93975, M371XA1874, MD619101.

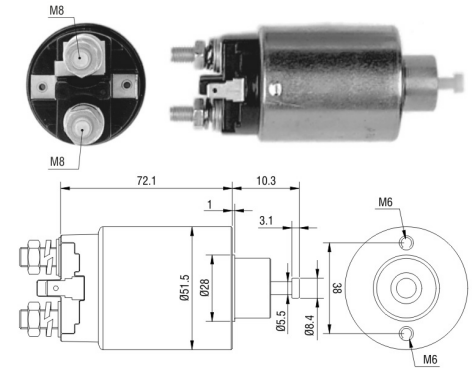


ZM 8-698 12v CAP ZM 8-698.96

APLICAÇÃO */ USED ON:*
JAC MOTORS: J3.

MOTOR DE PARTIDA */ STARTER:*
JAC MOTORS: 1043100GG010, L21580, QDY1289

SUBSTITUI */ REPLACE:*
JAC MOTORS: QDY1289.

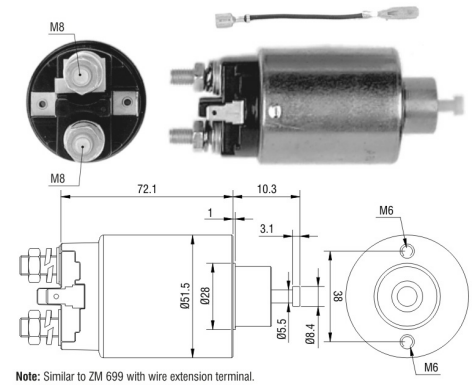


ZM 699 12v CAP ZM 697.96

APLICAÇÃO */ USED ON:*
GM-CHEVROLET: Tracker. HYUNDAI: Accent, Elantra, H100, Pony, Porter, Sonata. MAZDA: 626, B 2200, E 2200. MITSUBISHI: Celeste, Colt, Eclipse, Galant, L 200, L 300, Lancer, Pajero, Sapporo, Space, Starion.

MOTOR DE PARTIDA */ STARTER:*
MITSUBISHI: M002T92071A, M0T70381, M1T70481, M1T70483, M1T73381, M1T73383, M2T40081, M2T49881, M3T10476D, M3T32591, M3T32593, M3T41081, M3T41083, M3T42781, M3T43381

SUBSTITUI */ REPLACE:*
BOSCH: F.042.010.390. MAZDA: E356-18-X10. MITSUBISHI: M371X60171, MD607889, MD618728, SB601.



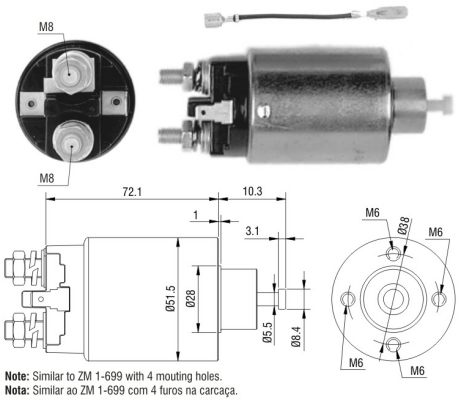
Note: Similar to ZM 699 with wire extension terminal.
Nota: Similar ao ZM 699 com o terminal de extensão.

ZM 1-699 12v CAP ZM 697.96

APLICAÇÃO */ USED ON:*
HYUNDAI: Accent, Elantra, H100, Pony, Porter, Sonata. MITSUBISHI: Celeste, Colt, Eclipse, Galant, L 200, L 300, Lancer, Pajero, Sapporo, Space, Starion.

MOTOR DE PARTIDA */ STARTER:*
MITSUBISHI: M0T70381, M1T70481, M1T70483, M1T73381, M1T73383, M2T40081, M2T49881, M3T32591, M3T32593, M3T41081, M3T41083, M3T42781, M3T43381

SUBSTITUI */ REPLACE:*
MAZDA: E356-18-X10. MITSUBISHI: M371X60171, MD607889, MD618728, SB601.



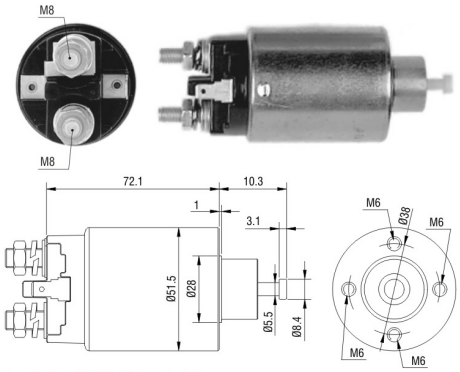
Note: Similar to ZM 1-699 with 4 mouting holes.
Nota: Similar ao ZM 1-699 com 4 furos na carcaça.

ZM 2-699 12v CAP ZM 697.96

APLICAÇÃO */ USED ON:*
HYUNDAI: Accent, Elantra, H100, Pony, Porter, Sonata. MITSUBISHI: Celeste, Colt, Eclipse, Galant, L 200, L 300, Lancer, Pajero, Sapporo, Space, Starion.

MOTOR DE PARTIDA */ STARTER:*
MITSUBISHI: M0T70381, M1T70481, M1T70483, M1T73381, M1T73383, M2T40081, M2T49881, M3T32591, M3T32593, M3T41081, M3T41083, M3T42781, M3T43381

SUBSTITUI */ REPLACE:*
MAZDA: E356-18-X10. MITSUBISHI: M371X60171, MD607889, MD618728, SB601.



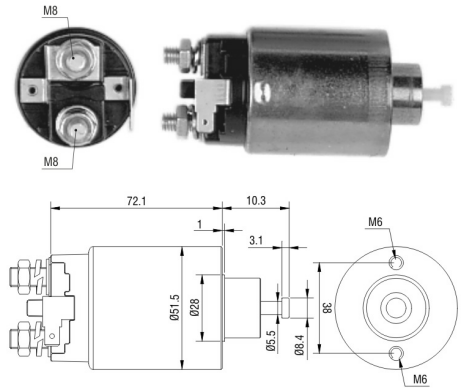
Note: Similar to ZM 699 with 4 mouting holes.
Nota: Similar ao ZM 699 com 4 furos na carcaça.

ZM 4-699 12v CAP ZM 697.96

APLICAÇÃO */ USED ON:*
HYUNDAI: Accent, Elantra, H100, Pony, Porter, Sonata. MITSUBISHI: Celeste, Colt, Eclipse, Galant, L 200, L 300, Lancer, Pajero, Sapporo, Space, Starion.

MOTOR DE PARTIDA */ STARTER:*
HYSTER: 1534424, 2314322, 3114995. MITSUBISHI: M000T92581, M0T70381, M0T92581, M1T70481, M1T70483, M1T73381, M1T73383, M2T40081, M2T49881, M3T32591, M3T32593, M3T41081, M3T41083, M3T42781, M3T43381. YALE: 220102437R, 918139600

SUBSTITUI */ REPLACE:*
MAZDA: E356-18-X10. MITSUBISHI: M371X60171, MD607889, SB601.

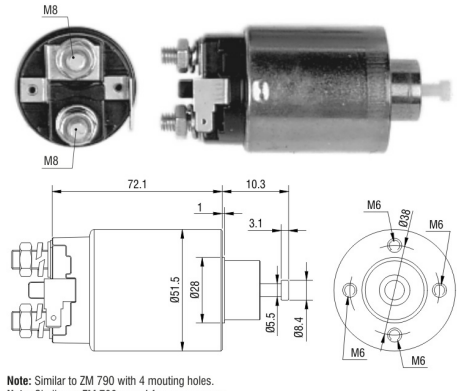


ZM 790 12v CAP ZM 790.96

APLICAÇÃO */ USED ON:*
VEICULOS: Eagle, Mitsubishi 1.6 and 2.0, Dodge, Hyundai, Plymouth 1.4 and 2.7, Suzuki Samurai.

MOTOR DE PARTIDA */ STARTER:*

SUBSTITUI */ REPLACE:*
MITSUBISHI: M371X69171. NISSAN: 23343-30R11.



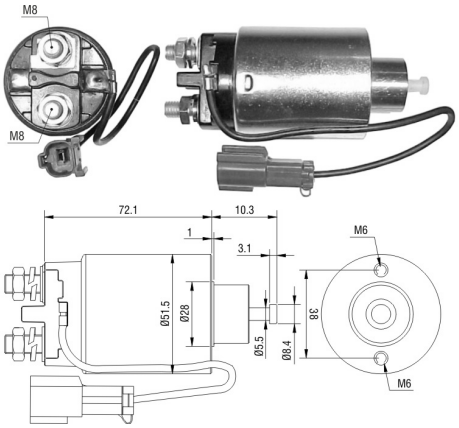
Note: Similar to ZM 790 with 4 mouting holes.
Nota: Similar ao ZM 790 com 4 furos na carcaça.

ZM 791 12v CAP ZM 790.96

APLICAÇÃO */ USED ON:*
VEICULOS: Eagle, Mitsubishi 1.6 and 2.0, Dodge, Hyundai, Plymouth 1.4 and 2.7, Suzuki Samurai.

MOTOR DE PARTIDA */ STARTER:*

SUBSTITUI */ REPLACE:*
MITSUBISHI: MI371X69171. NISSAN: 23343-30R11.

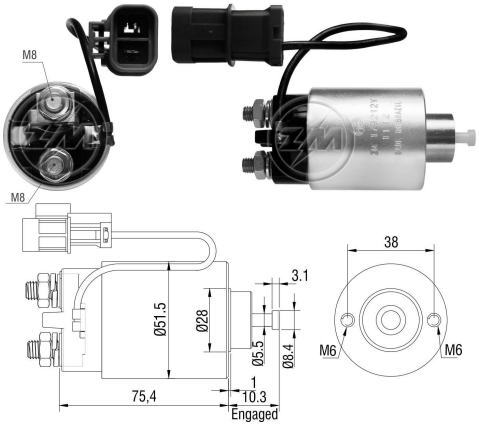


ZM 792 12v CAP ZM 792.96

APLICAÇÃO */ USED ON:*
NISSAN: 100, Entra, Infiniti, Prairie, Primera, Pulsar, Sentra, Sunny.

MOTOR DE PARTIDA */ STARTER:*
MITSUBISHI: M1T72085, M1T72086, M1T72086A, M1T72087, M1T72087A

SUBSTITUI */ REPLACE:*
MITSUBISHI: M371X64771, M375X00271. NISSAN: 23343-84A17.

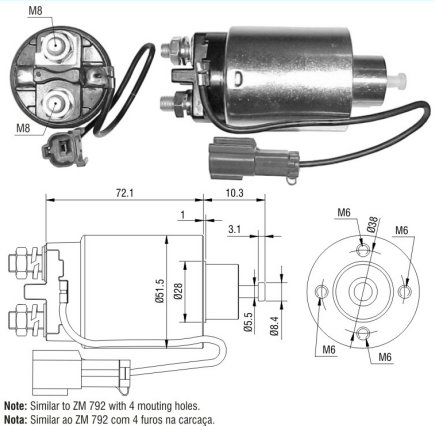


ZM 1-792 12v CAP ZM 1792.96

APLICAÇÃO */ USED ON:*
NISSAN: Pulsar.

MOTOR DE PARTIDA */ STARTER:*
MITSUBISHI: M1T70985, M1T71581, M1T71681. NISSAN: 23343-01Y10, 23343-57M70

SUBSTITUI */ REPLACE:*
MITSUBISHI: M371X68971, SB663. NISSAN: 23343-22P71.



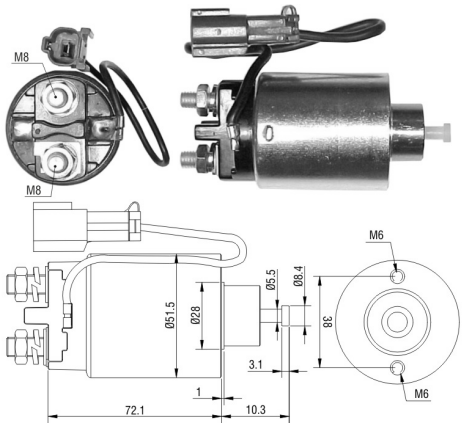
Note: Similar to ZM 792 with 4 mouting holes.
Nota: Similar ao ZM 792 com 4 furos na carcaça.

ZM 4-792 12v CAP ZM 792.96

APLICAÇÃO */ USED ON:*
NISSAN: 100, Entra, Infiniti, Prairie, Primera, Pulsar, Sentra, Sunny.

MOTOR DE PARTIDA */ STARTER:*
MITSUBISHI: M1T72085, M1T72086, M1T72086A, M1T72087, M1T72087A

SUBSTITUI */ REPLACE:*
MITSUBISHI: M371X64771, M375X00271. NISSAN: 23343-84A17.

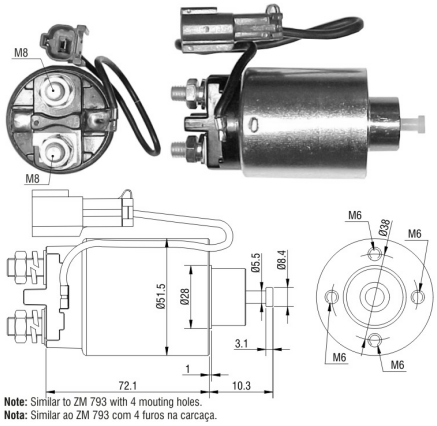


ZM 793 12v CAP ZM 793.96

APLICAÇÃO */ USED ON:*
NISSAN: 100, 240, D21, Frontier, Primera, Stanza, Sunny, X terra.

MOTOR DE PARTIDA */ STARTER:*
MITSUBISHI: M1T72281, M1T72985. NISSAN: 23300-30R13

SUBSTITUI */ REPLACE:*
BOSCH: F.042.010.407. MITSUBISHI: M371X76275, M371X76371, SB691, SB784P. NISSAN: 23343-30R13.



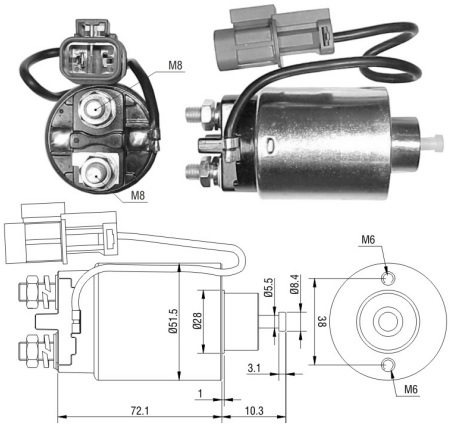
Note: Similar to ZM 793 with 4 mouting holes.
Nota: Similar ao ZM 793 com 4 furos na carcaça.

ZM 4-793 12v CAP ZM 793.96

APLICAÇÃO */ USED ON:*
NISSAN: 100, 240, D21, Frontier, Primera, Stanza, Sunny, X terra.

MOTOR DE PARTIDA */ STARTER:*
MITSUBISHI: M1T72281, M1T72985. NISSAN: 23300-30R13

SUBSTITUI */ REPLACE:*
MITSUBISHI: M371X76275, M371X76371, SB691, SB784P. NISSAN: 23343-30R13.

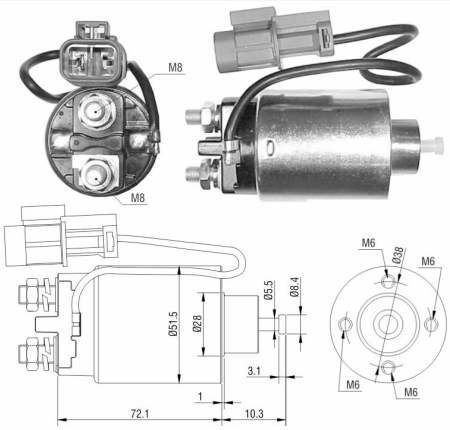


ZM 794 12v CAP ZM 794.96

APLICAÇÃO */ USED ON:*
FORD: Maverick. NISSAN: 2400, D21, Infiniti, King Cap, Terrano.

MOTOR DE PARTIDA */ STARTER:*
MITSUBISHI: M1T60281, M1T60285, M1T60286, MIT60281, MIT60285. NISSAN: 23300-60U10, 23300-86G10

SUBSTITUI */ REPLACE:*
MITSUBISHI: M371X78371, M371X92575, SB783. NISSAN: 23343-60U10.

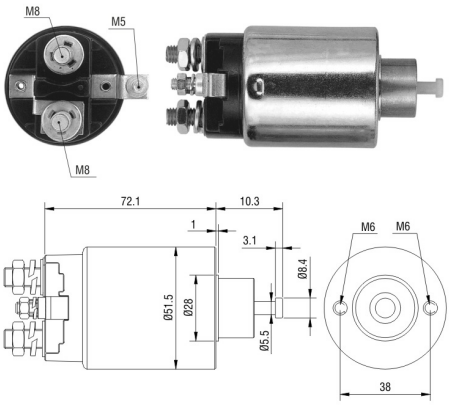


ZM 1-794 12v CAP ZM 794.96

APLICAÇÃO */ USED ON:*
FORD: Maverick. NISSAN: D21, Infiniti, King Cap, Pick-up, Terrano.

MOTOR DE PARTIDA */ STARTER:*
MITSUBISHI: M371X78271, M371X78371, M371X92575. NISSAN: 23300-80G10, 23300-86G10, 23300-86G11

SUBSTITUI */ REPLACE:*
MITSUBISHI: SB783.

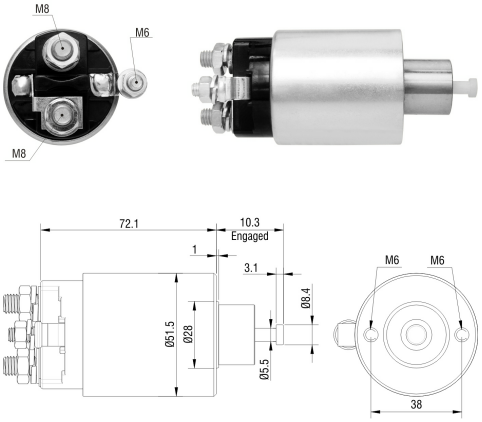


ZM 795 12v CAP ZM 795.96

APLICAÇÃO */ USED ON:*
CHRYSLER-DODGE: Monaco. EAGLE: Medallion, Premier.

MOTOR DE PARTIDA */ STARTER:*
MITSUBISHI: M1T73581, M1T74481, M1T74482

SUBSTITUI */ REPLACE:*
MITSUBISHI: SB665.



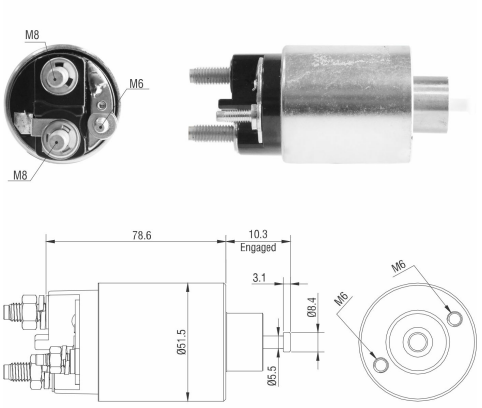
ZM 2-795 12v

CAP ZM 2-795.91

APLICAÇÃO */ USED ON:*
FORD: Fusion, Ranger. FORD-LINCOLN: Zephyr. FORD-MERCURY: Milan. GM-CHEVROLET: Omega, Silverado.

MOTOR DE PARTIDA */ STARTER:*
DELCO REMY: 10455711. FORD: 6E5T-11000-BA, 6E5T-11000-BB, 6E5T-11000-BC, 6E5Z-11002-BA, AB39-11000-BA. MITSUBISHI: M002T86071ZT, M1T96781, M1T96781ZC, M1T96781ZCKD, M1T96782, M1T96782ZC, M1T96782ZCKD

SUBSTITUI */ REPLACE:*

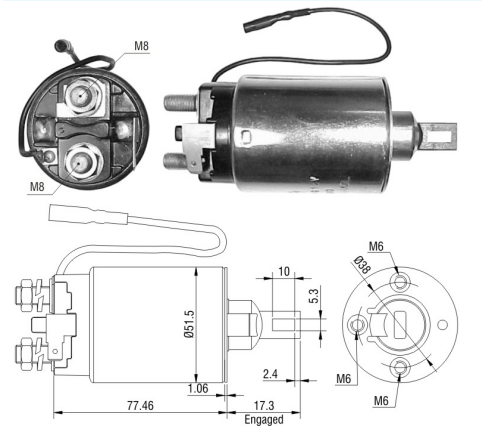


ZM 3-795 12v

APLICAÇÃO */ USED ON:*
FORD: Edge, Escape, Explorer, Focus, Fusion, Taurus. FORD-LINCOLN: MKC, MKT, MKZ.

MOTOR DE PARTIDA */ STARTER:*
FORD: BB5T-11000-BA, BB5Z-11002-B, BB5Z-11002-C. MITSUBISHI: M000T89182, M000T89182ZC, M0T89182. MOTORCRAFT: SA-1018

SUBSTITUI */ REPLACE:*
MITSUBISHI: E5881.



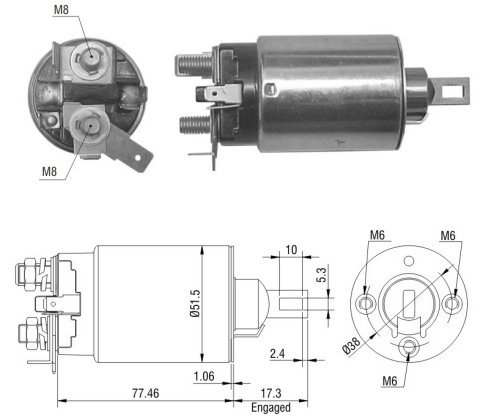
ZM 796 12v

CAP ZM 798.96

APLICAÇÃO */ USED ON:*
CHRYSLER-DODGE: RAM-50. MITSUBISHI: Celeste, Galant, L 300, Pajero, Pick-up, Space, Starion.

MOTOR DE PARTIDA */ STARTER:*
MITSUBISHI: M2T53086, M3T25885

SUBSTITUI */ REPLACE:*
MITSUBISHI: M371X51371, SB513.

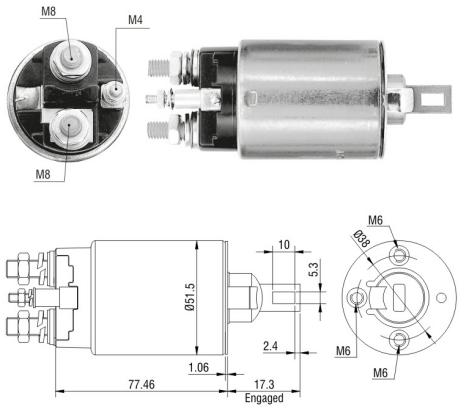


ZM 797 12v

APLICAÇÃO */ USED ON:*
NISSAN:.

MOTOR DE PARTIDA */ STARTER:*

SUBSTITUI */ REPLACE:*
MITSUBISHI: SB532.

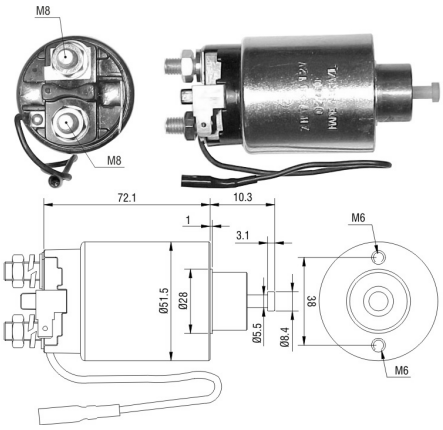


ZM 1-797 12v

APLICAÇÃO */ USED ON:*
CHRYSLER-DODGE: Charger, Omni. CHRYSLER-PLYMOUTH: Horizon, Turismo.

MOTOR DE PARTIDA */ STARTER:*
MITSUBISHI: M3T10881

SUBSTITUI */ REPLACE:*
MITSUBISHI: SB591.

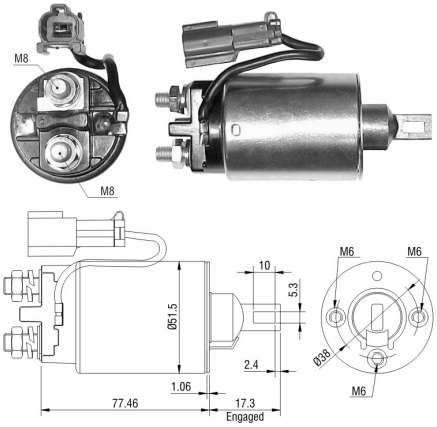


ZM 798 12v CAP ZM 798.96

APLICAÇÃO */ USED ON:*
HYUNDAI: Accent, Elantra, Exel, Pony, S Coupe. MITSUBISHI: Colt, Galant, L 200, L 300, Lancer, Pajero, Space, Tredia.

MOTOR DE PARTIDA */ STARTER:*
MITSUBISHI: M3T41285

SUBSTITUI */ REPLACE:*
MITSUBISHI: M371X61371, MD611378, SB613.

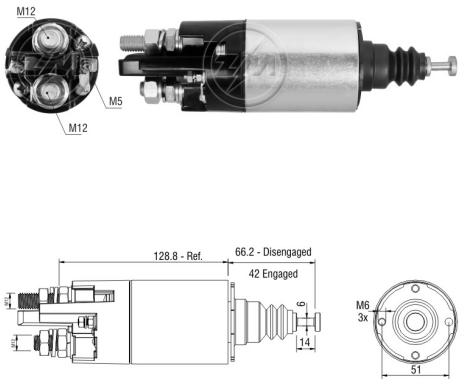


ZM 799 12v CAP ZM 799.96

APLICAÇÃO */ USED ON:*
NISSAN: 100, Almera, Pulsar, Sentra, Sunny.

MOTOR DE PARTIDA */ STARTER:*
MITSUBISHI: M2T53882. NISSAN: 23300-84A11

SUBSTITUI */ REPLACE:*
MITSUBISHI: SB524.

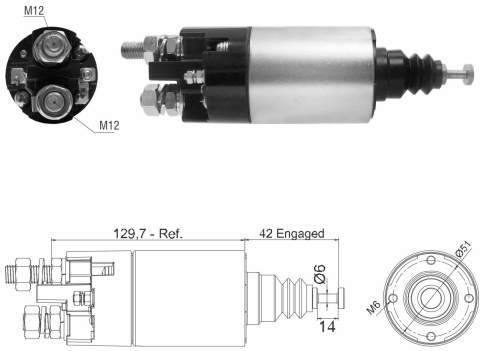


ZM 842 24v CAP ZM 84096

APLICAÇÃO */ USED ON:*
MERCEDES-BENZ: 1831, 1835, 1840, 1843, 1848, 1853, 1857, 2031, 2035, 2040, 2053, 2531, 2535, 2540, 2543, 2548, 2553, 2557, 2631, 2635, 2640, 2643, 2648, 2653, 2657, 3235, 3240, 3243, 3331, 3335, 3340, 3343, 3348, 3353, 3357, 4140, 4143, 4148, Actros, Traveg.

MOTOR DE PARTIDA */ STARTER:*
DELCO REMY: 10070033, 10070034, 19011501, DRS8370, DRT0880. MERCEDES-BENZ: 0 041 515 001, 0 051 511 501, 0 051 515 001, 0 051 516 401, 0 051 517 001, 0 061 510 001, 0 061 511 501, 0 061 516 901, 4 571 510 301, A 007 151 02 01, A0 061 511 501, A0 061 516 901, B 001 350 032. MITSUBISHI: M009T80471, M009T80472, M009T83671, M009T84771, M9T80472, M9T82171, M9T83671, M9T83672, M9T84771

SUBSTITUI */ REPLACE:*
MITSUBISHI: M373X07671.



ZM 1-842 12v

APLICAÇÃO */ USED ON:*

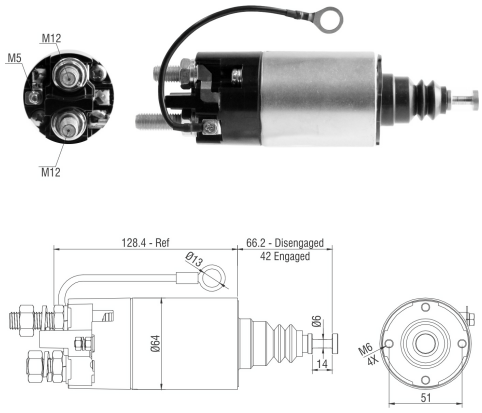
MITSUBISHI: Fuso.

MOTOR DE PARTIDA */ STARTER:*

MITSUBISHI: ME075662, ME077044, ME77044

SUBSTITUI */ REPLACE:*

MITSUBISHI: M373X05671.



ZM 2-842 12v

APLICAÇÃO */ USED ON:*

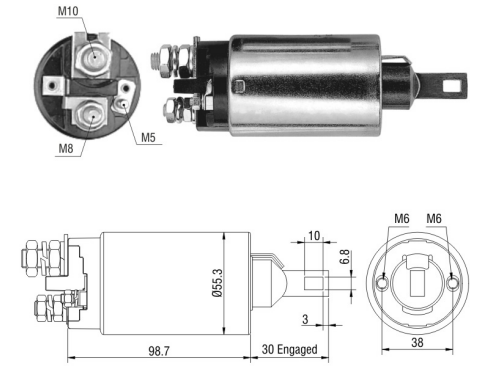
CATERPILLAR: CT660, CT680, CT681. FREIGHTLINER: Argosy, C112 Century Class, C120 Century Class, Cascadia, Classic, Classic XL, Columbia, Condor, Coranado, FL, M2 100, M2 106, M2 112, M2 Business Class. INTERNATIONAL: 2554, 2564, 2574, 2575, 2654, 2674, 2675, 3000, 3900, 4000, 4900, 5000, 5900, 7100, 7700, 8100, 8600, 9100, 9900, BE, CE, CXT, Cargostar, DuraStar, Genesis RE, Loanstar, Paystar, S Series, Transtar, Workstar. KENWORTH: Truck. MACK: CH Series, CL Series, CT Series, CTP Series, CV Series, CX Series, CX Series (Vision), DM, DM Series, DMM Series, FCM Series, Granite Series, LE Models, LE Series, MR Series, R Models, RB Models, RB Series, RD Models, RD Series, RL Models, RM Models, RS Models, RW Models. MITSUBISHI: 39MT Séries. PETERBILT: Truck. STERLING: Condor, L Line, Silver Star Series, Truck. VOLVO: ACL 42, ACL 64, All Models (By Engine), Truck, VHD Series, VNL Series, VNM Series, VT Series, WA, WC, WG, WH, WI, WX Series. WESTERN STAR: All Models (By Engine).

MOTOR DE PARTIDA */ STARTER:*

CATERPILLAR: KW0779. CUMMINS: M970979. MERCEDES-BENZ: 005 151 10 01, 005 151 70 01. MITSUBISHI: 8MJ4298AM, M009T70007, M009T7007, M009T70279, M009T70979, M9T70007, M9T7007, M9T70279, M9T70979, MK0077. VOLVO: 20430285, 85103338, VV0279

SUBSTITUI */ REPLACE:*

MITSUBISHI: M373X10581.



ZM 890 12v

CAP ZM 890.96

APLICAÇÃO */ USED ON:*

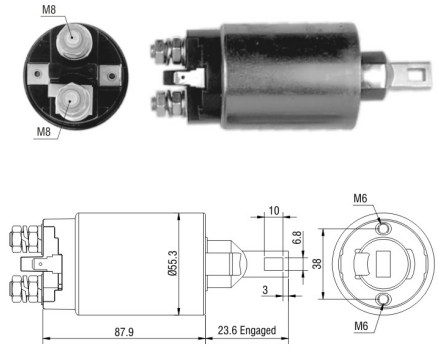
FORD: E series, F series.

MOTOR DE PARTIDA */ STARTER:*

FORD: E3TZ-11002-B, E5TZ-11002-B, E8TZ-11002-A. MITSUBISHI: M3T90071, M3T90072

SUBSTITUI */ REPLACE:*

BOSCH: F.042.010.514. FORD: E5PZ-11390-A. MITSUBISHI: M372X06971, SC069.

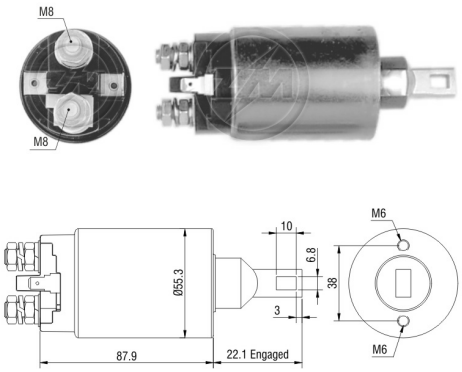


ZM 891 12v — CAP ZM 891.96

APLICAÇÃO */ USED ON:*
FORD: Ranger. MAZDA: B 2200, B series.

MOTOR DE PARTIDA */ STARTER:*
FORD: E3TZ-11002-C, E3TZ-11002-F. MAZDA: 8599-18-400A, N211-18-400, S203-18-400B, S211-18-400. MITSUBISHI: M2T54371, M2T54372, M2T60071, M2T60072, M2T60073, M3T66071, M3T66072, M3T66073, M3T66074

SUBSTITUI */ REPLACE:*
BOSCH: F.042.010.516. FORD: E3TZ-11390-A. MAZDA: 8599-24-736. MITSUBISHI: M372X04171, SC041.

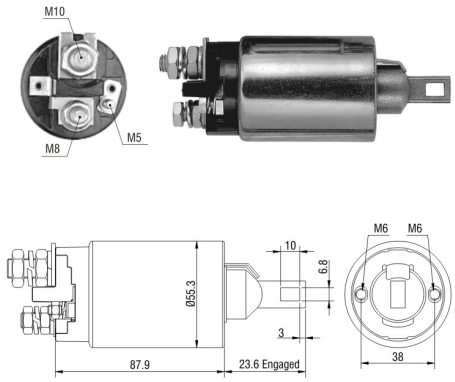


ZM 1-891 12v — CAP ZM 891.96

APLICAÇÃO */ USED ON:*
KIA MOTORS: Besta, Bongo K2500, Bongo K2700, Pregio 2.7 D.

MOTOR DE PARTIDA */ STARTER:*
KIA: OK60118400, OK60A18400. MANDO: MG 122565

SUBSTITUI */ REPLACE:*
MANDO: MG 122565.

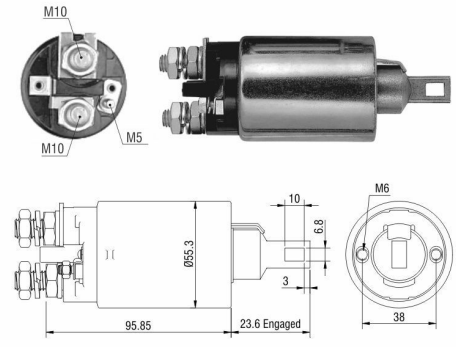


ZM 892 12v — CAP ZM 890.96

APLICAÇÃO */ USED ON:*
FORD: E series, E350 Series, Excursion, F 450, F 550, F 59 Series Truck, F series, F-250, F-350, 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.

MOTOR DE PARTIDA */ STARTER:*
FORD: F4TU-11000-AA, F4TZ-11002-A, F4TZ-11002-ARM, F4TZ-11002-B, F5TU-11000-AA, F5TU-11000-AD. MITSUBISHI: M008T50072, M8T50071, M8T50071A, M8T50072, M8T50171. MOTORCRAFT: SA-817, SA-817-RM, SA817RM

SUBSTITUI */ REPLACE:*
BOSCH: F.042.010.515. FORD: F4TZ-11390-A. MITSUBISHI: SC074. MOTORCRAFT: SWE-5064.



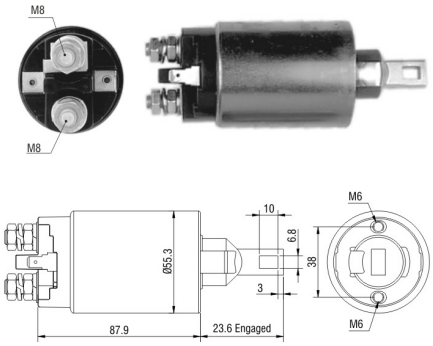
Note: Similar to ZM 892 with starter terminal M10.
Nota: Similar ao ZM 892 com parafuso de contato do motor M10.

ZM 1-892 12v — CAP ZM 1-890.96

APLICAÇÃO */ USED ON:*
FORD: Light Duty Trucks.

MOTOR DE PARTIDA */ STARTER:*

SUBSTITUI */ REPLACE:*

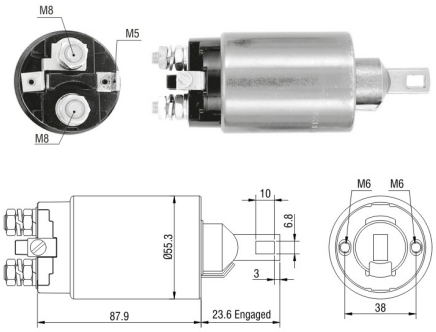


ZM 893 12v CAP ZM 893.96

APLICAÇÃO */ USED ON:*
CASE: Tractor Farm 265, Tractor Farm 275. CHRYSLER-DODGE: RAM-50. MAZDA: 626. MITSUBISHI: Colt, Galant, L 200, L 300, Pajero, Pick-up, Space.

MOTOR DE PARTIDA */ STARTER:*
MITSUBISHI: M2T54172, M2T56171, M2T56181, M2T56182, M2T56271, M2T56272, M2T56971, M2T60171, M2T61171, M2T92071

SUBSTITUI */ REPLACE:*
BOSCH: F.042.010.517. MAZDA: R201-24-736. MITSUBISHI: M372X00471, MD607634, SC004.

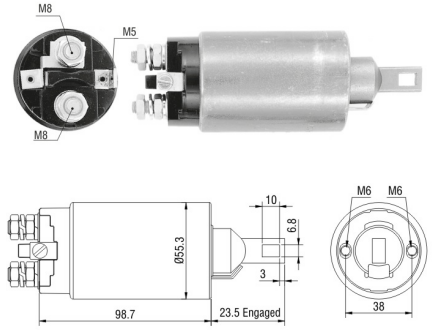


ZM 894 12v CAP ZM 894.96

APLICAÇÃO */ USED ON:*
MITSUBISHI: Onan.

MOTOR DE PARTIDA */ STARTER:*
MITSUBISHI: M2T56071, M2T56072

SUBSTITUI */ REPLACE:*
MITSUBISHI: M372X00171, M372X02371, SC003. ONAN: 191-1430.

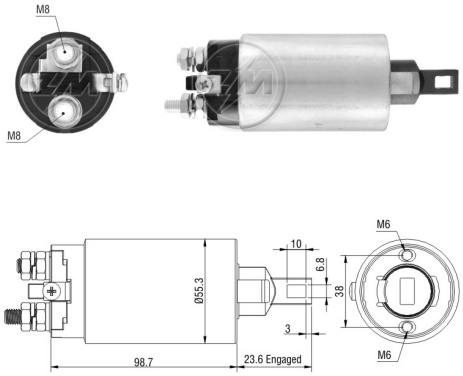


ZM 895 12v CAP ZM 894.96

APLICAÇÃO */ USED ON:*
ONAN: Outdoor, OPE Marine /Industrial / Agriculture.

MOTOR DE PARTIDA */ STARTER:*

SUBSTITUI */ REPLACE:*

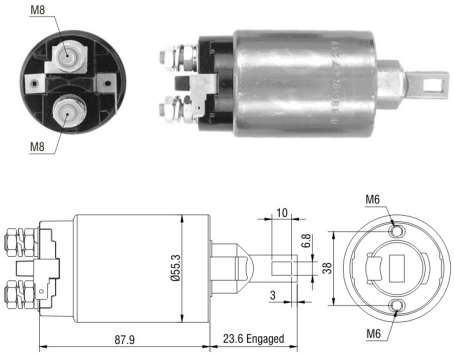


ZM 1-895 12v CAP ZM 1-894.96

APLICAÇÃO */ USED ON:*
GEHL: Skid Steer. HYSTER: Lift Trucks. SUMIMOTO YALE: Lift Trucks DB, Lift Trucks DE. YALE: Lift Trucks.

MOTOR DE PARTIDA */ STARTER:*
MAZDA: 4840-18-400, 4840-18-400A, 4840-18-400B. MITSUBISHI: M002T54571, M002T54572, M2T54571, M2T54572

SUBSTITUI */ REPLACE:*
MAZDA: 4872-24-736. MITSUBISHI: M372X01171.

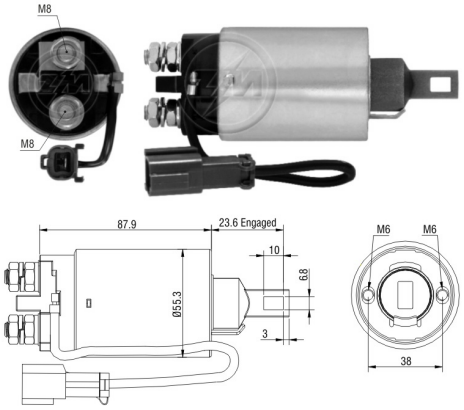


ZM 896 24v — CAP ZM 896.96

APLICAÇÃO */ USED ON:*
MITSUBISHI: Canter.

MOTOR DE PARTIDA */ STARTER:*
MITSUBISHI: M2T55271, M2T64271, M2T66873, M2T67871, M2T67873, M2T67881

SUBSTITUI */ REPLACE:*
MITSUBISHI: M371X10171, M372X10371, M372X10372PS, ME700119, ME700316.

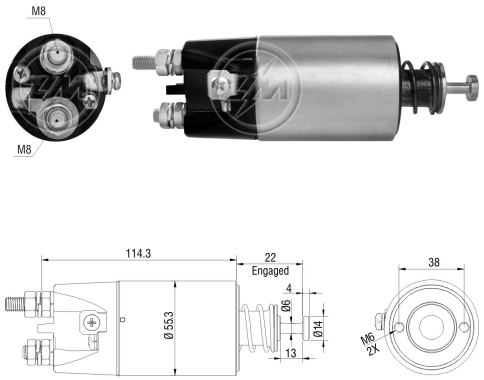


ZM 2-896 24v — CAP ZM 2-896.91

APLICAÇÃO */ USED ON:*
MITSUBISHI: Canter, Rosa.

MOTOR DE PARTIDA */ STARTER:*
MITSUBISHI: M008T80071, M008T80071A, M008T80071B, M8T80071, ME012994, ME012995, ME014418

SUBSTITUI */ REPLACE:*
MITSUBISHI: M372X11871, ME701490.

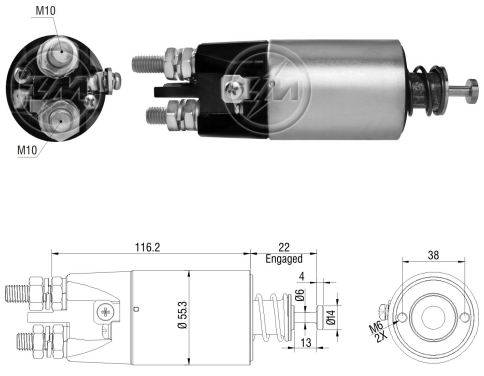


ZM 1-897 24v — CAP ZM 1-897.96

APLICAÇÃO */ USED ON:*
CATERPILLAR: 320B, Escavadeira 320, Excavator 320.

MOTOR DE PARTIDA */ STARTER:*
CATERPILLAR: 10R7586, 1252988, 2724774. MITSUBISHI: 32B66-02102, 32B66-12100, 32B6602102, 32B6612100, M008T60871, M008T60872, M008T60873, M8T60871, M8T60872, M8T60873

SUBSTITUI */ REPLACE:*
MITSUBISHI: B3671, M371CB3671.

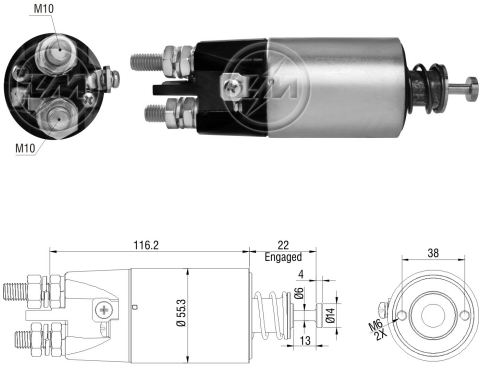


ZM 2-897 24v — CAP ZM 2-897.96

APLICAÇÃO */ USED ON:*
RENAULT TRUCKS: Kerax, Premium, VI. VOLKSWAGEN: 13.180, 15.180, 17.210, 17.240, 17.260, 26.260, 31.260, Constellation 24.280. VOLVO: 9700, 9900, Caminhões, FH, FM.

MOTOR DE PARTIDA */ STARTER:*
MAN: 51.26201-7236. MITSUBISHI: M9T64171, 20430564, 2S0911023A, 2S0911023A, M008T62671, M009T61171, M009T62173ZA, M009T62571ZA, M009T62572ZA, M9T60371, M9T60671, M9T61171, M9T62173, M9T62572ZA, ME152487. RENAULT: 5010306533, 5010306777, 5010306910, 5830000632. VOLKSWAGEN: 2S0911023.A, 2S0911023A, 2T2-911-023-B, 2T2911023B, 51.26201-7236. VOLVO: 20430564, 20572417, 20891242, 85000087, 85000677

SUBSTITUI */ REPLACE:*
BOSCH: 1.987.BE2.023. MITSUBISHI: 7125B4175, B4175, B5871, M371CB5871.

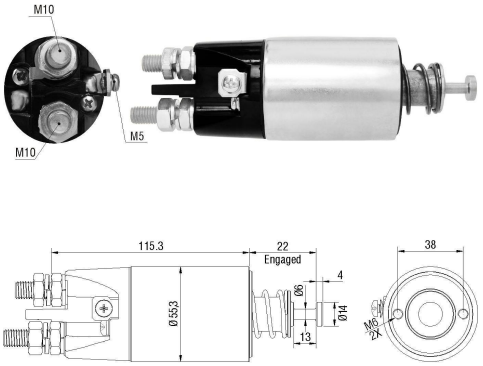


ZM 3-897 24v CAP ZM 2-897.96

APLICAÇÃO */ USED ON:*
RENAULT TRUCKS: Kerax, Trucks. VOLVO: 240.

MOTOR DE PARTIDA */ STARTER:*
MITSUBISHI: M9T60672, M9T61171, M9T61971, M9T62171, M9T62671

SUBSTITUI */ REPLACE:*
MITSUBISHI: B4171, M371XB4171.

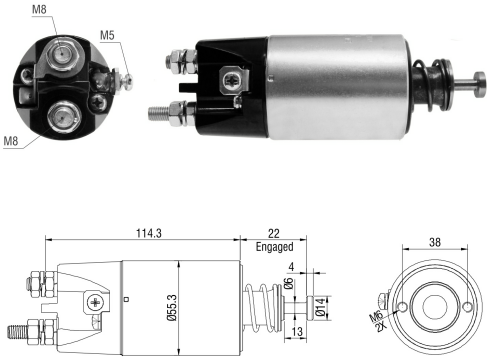


ZM 4-897 24v CAP ZM 2-897.96

APLICAÇÃO */ USED ON:*
CUMMINS: Dongfeng Cummins ISBE185-30. FIAT-IVECO: Euro Star, Euro Trakker, EuroCargo, Eurocargo. RENAULT TRUCKS: Trucks. VOLVO: Caminhões, FM, LM.

MOTOR DE PARTIDA */ STARTER:*
CUMMINS: 21BJ077, 4948058, C4948058. MITSUBISHI: M009T61471, M009T61473, M009T61474, M009T61671, M9T61471, M9T61474, M9T61671. PRESTOLITE: 3001SE, M93R3001SE. RENAULT: 20732977, 5001866702, 7420732977. VOLVO: 20397219, 85000148

SUBSTITUI */ REPLACE:*
RENAULT: 20732977. VOLVO: 20397219.

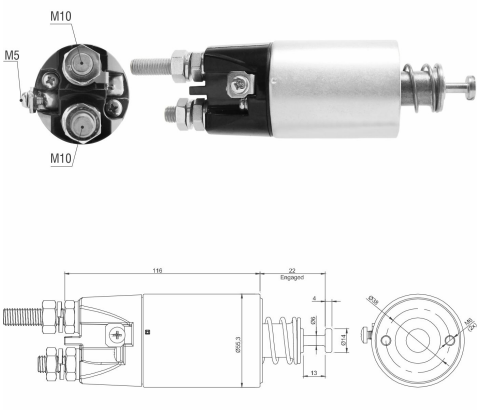


ZM 5-897 24v CAP ZM 5-897.96

APLICAÇÃO */ USED ON:*
CATERPILLAR: Lift Trucks. MITSUBISHI: Fuso, Fuso Canter.

MOTOR DE PARTIDA */ STARTER:*
MITSUBISHI: M8T60071, M8T60071A, M8T60072, M8T60072A, M8T60073, M8T60073A, M8T60271, M8T60271A, M8T60371, M8T60372

SUBSTITUI */ REPLACE:*
MAZDA: VS1018X10. MITSUBISHI: B2375, M371XB2371, M371XB2571, ME701442, ME701443.

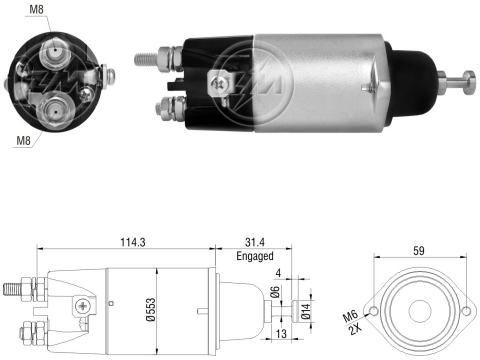


ZM 6-897 24v CAP ZM 5-897.96

APLICAÇÃO */ USED ON:*
SCANIA: Série P, Série R, Série T.

MOTOR DE PARTIDA */ STARTER:*
MITSUBISHI: M009T65971ZA. SCANIA: 2029376 CE21 5826

SUBSTITUI */ REPLACE:*
MITSUBISHI: B75....



ZM 898 24v

CAP ZM 1-897.96

APLICAÇÃO */ USED ON:*

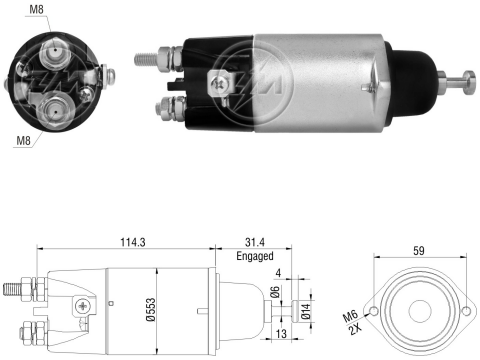
CASE: Empilhadeira, Lift. CATERPILLAR: Escavadeira 320, Excavator 320. MAZDA: Parkway, Titan. MITSUBISHI: Bus, Empilhadeira, Fuso, Fuso Canter, Lift, Truck.

MOTOR DE PARTIDA */ STARTER:*

MITSUBISHI: M3T56181, M3T56182, M3T56183, M3T57371, M3T57675, M3T58071, M3T58571, M3T58771

SUBSTITUI */ REPLACE:*

MAZDA: SE01-24-736. MITSUBISHI: 25071, M371X20572, M371X20671, M371X20672, ME700035, ME701290, SB206.



ZM 1-898 12v

CAP ZM 1-897.96

APLICAÇÃO */ USED ON:*

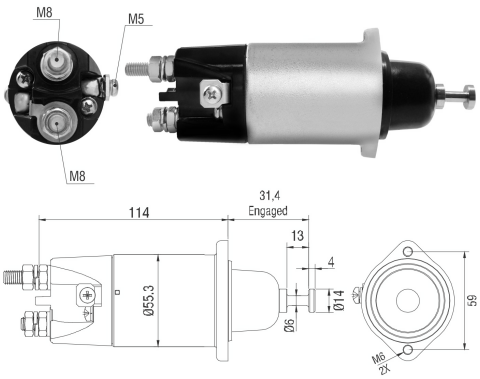
MITSUBISHI: Fuso.

MOTOR DE PARTIDA */ STARTER:*

MITSUBISHI: M3T90271, M3T90273, ME087577

SUBSTITUI */ REPLACE:*

MITSUBISHI: M371X22071, M371X22371.



ZM 2-898 24v

APLICAÇÃO */ USED ON:*

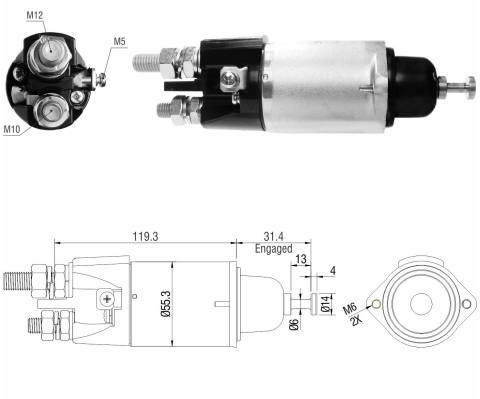
MITSUBISHI: Bus, Fuso, Truck.

MOTOR DE PARTIDA */ STARTER:*

MITSUBISHI: M004T50073, M004T50171, M4T50073, M4T50171

SUBSTITUI */ REPLACE:*

MITSUBISHI: M371X20171, M700307, SB201.



ZM 3-898 24v

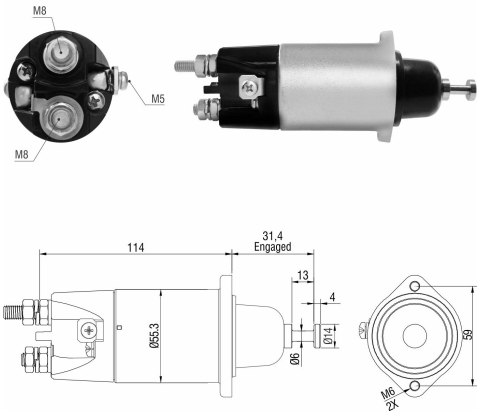
APLICAÇÃO */ USED ON:*

MERCEDES-BENZ: Atron, Axor.

MOTOR DE PARTIDA */ STARTER:*

MERCEDES-BENZ: 0051516401, 005151640180, 0061511501, 006151150180, 0071510201, A 007 151 02 01, A0071510201. MITSUBISHI: M009T20171, M9T20171

SUBSTITUI */ REPLACE:*

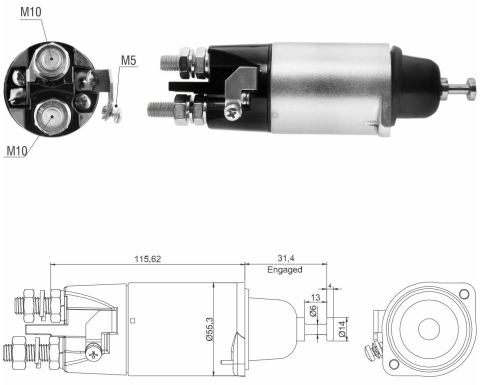


ZM 4-898 24v

APLICAÇÃO */ USED ON:*
MITSUBISHI: Bus, Empilhadeira, Fuso, Fuso Canter, Lift, Truck.

MOTOR DE PARTIDA */ STARTER:*
MITSUBISHI: M003T56082, M3T56071, M3T56072, M3T56074, M3T56076, M3T56082, M3T56084

SUBSTITUI */ REPLACE:*
MITSUBISHI: M371X20571, SB205.

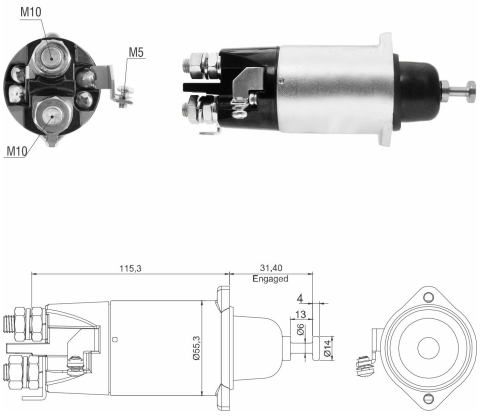


ZM 5-898 24v

APLICAÇÃO */ USED ON:*
MERCEDES-BENZ: Atego, Atron, Axor.

MOTOR DE PARTIDA */ STARTER:*
MERCEDES-BENZ: 006 151 48 01, 006 151 68 01, A 006 151 48 01, A 006 151 68 01, A 007 151 08 01. MITSUBISHI: M009T65271, M009T66171, M9T65271, M9T66171

SUBSTITUI */ REPLACE:*

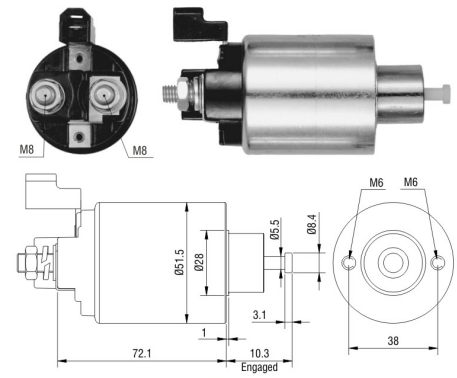


ZM 6-898 24v

APLICAÇÃO */ USED ON:*
HITACHI: Excavator ZX350-3, Excavator ZX350H, Excavator ZX350K, Excavator ZX350LCH, Excavator ZX350LCK, Excavator ZX350MTH. ISUZU: Truck.

MOTOR DE PARTIDA */ STARTER:*
ISUZU: 1811004143, 8-98141-206-0. JCB: 71440163, 71440405. MITSUBISHI: M008T60971, M008T60973, M8T60971, M8T60972

SUBSTITUI */ REPLACE:*
MITSUBISHI: 29071, 371X29071, M371X27271, M371X29771, M371XB4371.



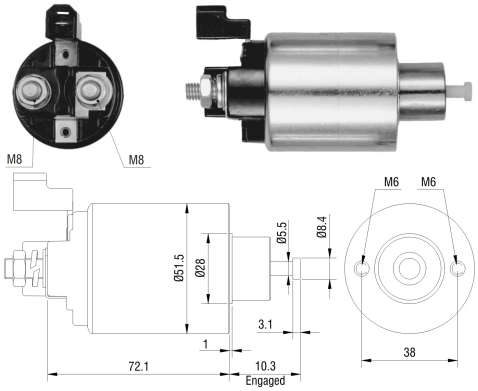
Note: For solenoid with 4 mouting holes use ZM 4-991.
Nota: Para o solenóide com 4 furos utilizar o ZM 4-991.

ZM 991 12v CAP ZM 991.96

APLICAÇÃO */ USED ON:*
CHRYSLER: Concorde, Intrepid, LHS, New Yorker. CHRYSLER-DODGE: Intrepid. CHRYSLER-PLYMOUTH: Prowler. EAGLE: Vision.

MOTOR DE PARTIDA */ STARTER:*
MITSUBISHI: M1T77777ZC, M1T77781, M1T77781ZC

SUBSTITUI */ REPLACE:*
MITSUBISHI: 78773.



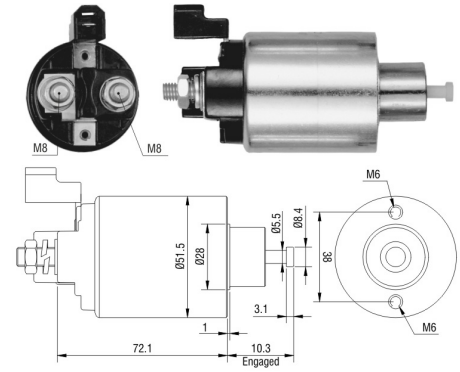
Note: For solenoid with 4 mouting holes use ZM 4-991.
Nota: Para o solenóide com 4 furos utilizar o ZM 4-991.

ZM 4-991 12v CAP ZM 991.96

APLICAÇÃO */ USED ON:*
CHRYSLER: Concorde, Intrepid, LHS, New Yorker. CHRYSLER-DODGE: Intrepid. CHRYSLER-PLYMOUTH: Prowler. EAGLE: Vision.

MOTOR DE PARTIDA */ STARTER:*
MITSUBISHI: M1T77777ZC, M1T77781, M1T77781ZC

SUBSTITUI */ REPLACE:*
MITSUBISHI: 78773.



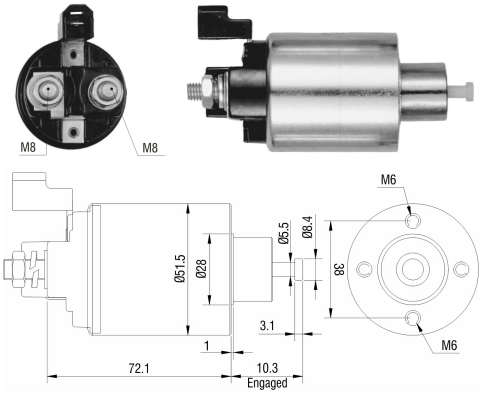
Note: For solenoid with 4 mouting holes use ZM 4-992.
Nota: Para o solenóide com 4 furos utilizar o ZM 4-992.

ZM 992 12v CAP ZM 992.96

APLICAÇÃO */ USED ON:*
CHRYSLER: Cirrus, Sebring, TC. CHRYSLER-DODGE: Stratus.

MOTOR DE PARTIDA */ STARTER:*
CHRYSLER: 4609058. MITSUBISHI: M1T78851ZC

SUBSTITUI */ REPLACE:*
MITSUBISHI: 79873.



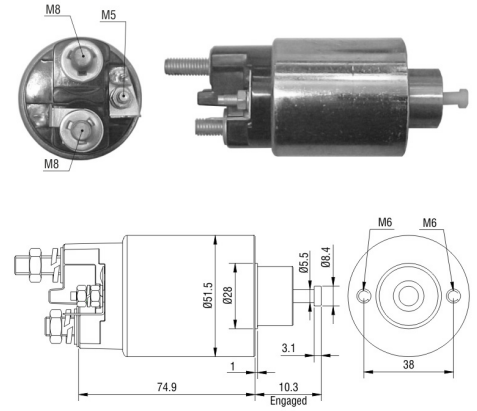
Note: For solenoid with 4 mouting holes use ZM 4-992.
Nota: Para o solenóide com 4 furos utilizar o ZM 4-992.

ZM 4-992 12v CAP ZM 992.96

APLICAÇÃO */ USED ON:*
CHRYSLER: Cirrus, Sebring, TC. CHRYSLER-DODGE: Stratus.

MOTOR DE PARTIDA */ STARTER:*
CHRYSLER: 4609058. MITSUBISHI: M1T78851ZC

SUBSTITUI */ REPLACE:*
MITSUBISHI: 79873.

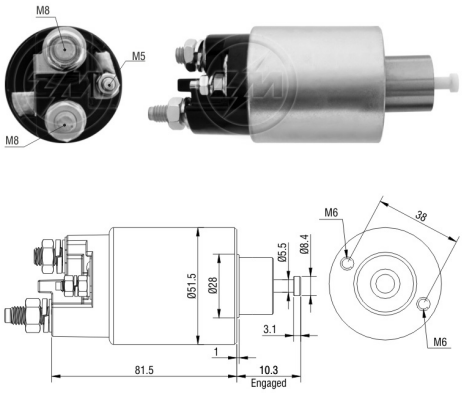


ZM 993 12v CAP ZM 993.96

APLICAÇÃO */ USED ON:*
CITROËN: BX, Berlingo, C15, C25, C5, C8, Evasion, Jumper, Visa, XM, Xantia, Xsara, ZX. JPX: Jeep. PEUGEOT: 205, 206, 305, 306, 307, 309, 405, 406, 605, 607, 806, 807, Boxer, Expert, J 5, Partner. TALBOT: Horizon, Solara.

MOTOR DE PARTIDA */ STARTER:*
MITSUBISHI: M0T80082, M1T80081, M1T80082, M1T90281

SUBSTITUI */ REPLACE:*



ZM 1-993 12v

CAP ZM 1-993.96

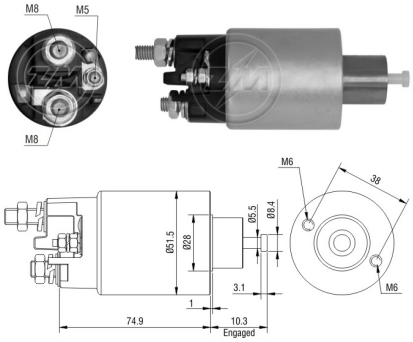
APLICAÇÃO */ USED ON:*

CITROËN: AX, Berlingo, C2, C3, C4, Saxo, Xsara. DACIA: Logan. PEUGEOT: 106, 206, 307, Partner. RENAULT: Kangoo, Logan, Sandero.

MOTOR DE PARTIDA */ STARTER:*

CITROËN: 5802Q7, 96262614. LOMBARDINI: SS649. MITSUBISHI: M000T45071, M000T45171ZT, M0T45071, M0T45071ZT, M0T45171ZT, M2T13081. PEUGEOT: 5802Q9, 9626261480. RENAULT: 6001549062, 8200240487, 8200584664

SUBSTITUI */ REPLACE:*



ZM 2-993 12v

CAP ZM 2-993.91

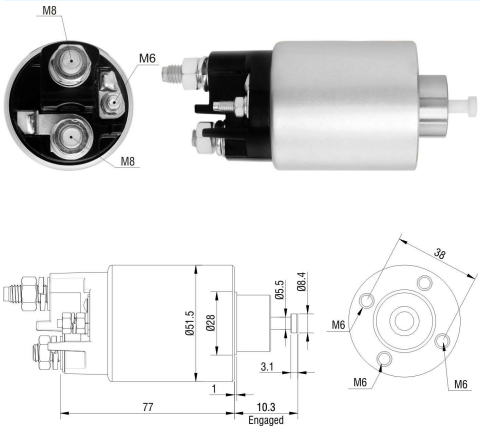
APLICAÇÃO */ USED ON:*

GM-OPEL: Movano. GM-VAUXHALL: Movano. RENAULT: Master.

MOTOR DE PARTIDA */ STARTER:*

GM: 9160556, 9198664. LOMBARDINI: SS544. MITSUBISHI: M002T87671, M2T87671. OPEL: 4500256, 4502433, 9160556, 9198664. RENAULT: 7700300522, 7700313447, 7711134622

SUBSTITUI */ REPLACE:*



ZM 3-993 12v

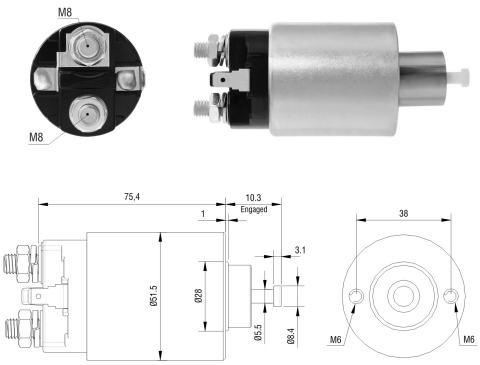
APLICAÇÃO */ USED ON:*

ALFA ROMEO: Alfa 147, Alfa 156, Alfa 159. FIAT: Bravo, Croma, Doblò, Idea, Marea, Multipla, Palio Weekend, Punto, Stilo, Strada. GM-VAUXHALL: Astra, Signum, Vectra, Zafira. LANCIA: Lybra, Musa. SAAB: 9-3.

MOTOR DE PARTIDA */ STARTER:*

FIAT: 46823543, 51782321, 55192482, 55195211, 60817002. MITSUBISHI: M1T30071, M1T30072. OPEL: 55353857, 55358857, 6202074

SUBSTITUI */ REPLACE:*



ZM 4-993 12v

APLICAÇÃO */ USED ON:*

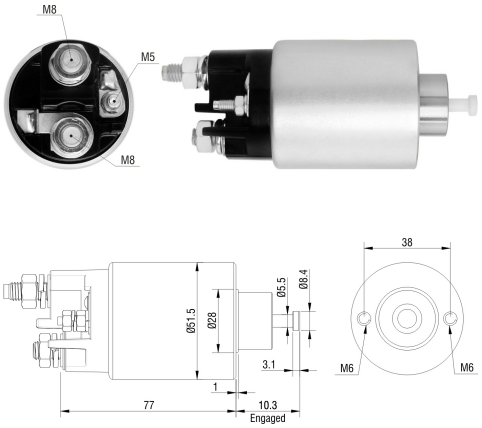
MITSUBISHI: L 200, L 300, L 400, Pajero, Space.

MOTOR DE PARTIDA */ STARTER:*

MITSUBISHI: M002T87171, M2T84071, M2T84171, M2T84571, M2T87171, M2T87371, M2T87871, M2T87971, M8T75071, ME701462

SUBSTITUI */ REPLACE:*

BOSCH: F.042.010.391. MITSUBISHI: M371XA0273, MD618972.

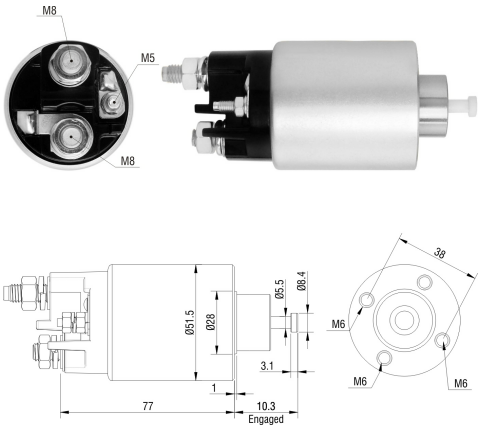


ZM 5-993 12v

APLICAÇÃO */ USED ON:*
CITROËN: C4, C5, C8, Evasion, Jumpy, Xsara. FIAT: Scudo, Ulysse. LANCIA: Phedra, Zeta. PEUGEOT: 206, 307, 406, 607, 806, 807, Expert.

MOTOR DE PARTIDA */ STARTER:*
CITROËN: 5802CW, 5802V7, 5802W3, 9625168680. FIAT: 71719607. MITSUBISHI: M000T82081, M000T82081ZE, M0T82081, M0T82081ZE, M0T85381, MOT82081. PEUGEOT: 5802CW, 5802W3, 96251686

SUBSTITUI */ REPLACE:*

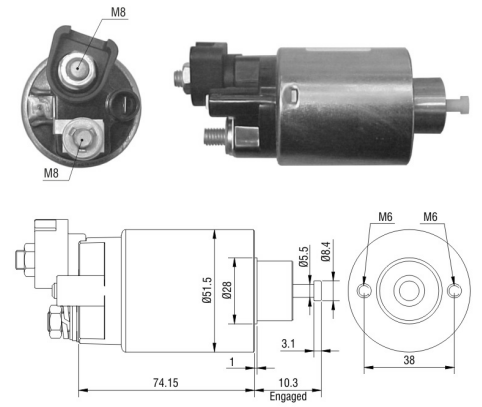


ZM 6-993 12v

APLICAÇÃO */ USED ON:*
DACIA: Logan. NISSAN: Almera, Micra. RENAULT: Clio, Kangoo.

MOTOR DE PARTIDA */ STARTER:*
MITSUBISHI: M0T86181, M0T87881, M0T91581, M1T85781. NISSAN: 23300-00QAW, 23300-00QUA, 23300-BN700. RENAULT: 8200021396, 8200227002, 8200227092

SUBSTITUI */ REPLACE:*



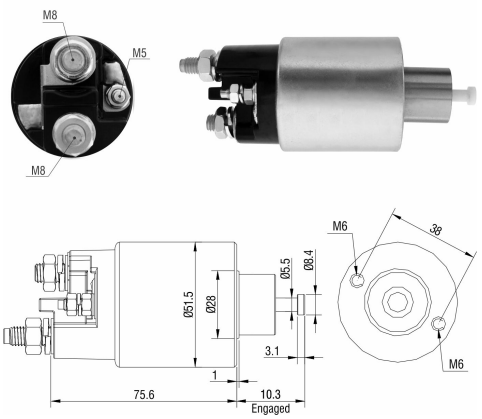
ZM 994 12v

CAP ZM 994.96

APLICAÇÃO */ USED ON:*
ACURA: Legend, Vigor.

MOTOR DE PARTIDA */ STARTER:*
ACURA: 31220-P5A-005. HONDA: 31220-P5A-005, 31220-PY3-024. MITSUBISHI: M1T80481, M2T80081, M2T80281, M2T80481, M2T80681, M371X 66971

SUBSTITUI */ REPLACE:*
MITSUBISHI: SB669.

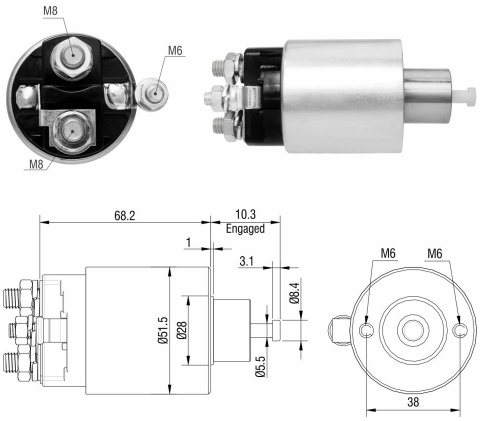


ZM 995 12v

APLICAÇÃO */ USED ON:*
DACIA: Logan. RENAULT: Kangoo, Logan.

MOTOR DE PARTIDA */ STARTER:*
MITSUBISHI: M000T45171ZT. RENAULT: 8200 584 664

SUBSTITUI */ REPLACE:*
MITSUBISHI: D5774.

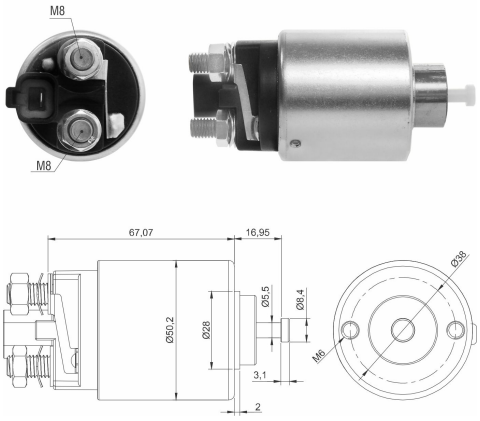


ZM 1-995 12v

APLICAÇÃO */ USED ON:*
FORD: Focus, New Fiesta, Novo Fiesta.

MOTOR DE PARTIDA */ STARTER:*
FORD: 2N15-11000-AA, 6E5T-11000-AB, 6E5Z-11002-AA, AE8T-11000-AB. MITSUBISHI: M000T33571ZC, M0T33571ZC, M0T35571ZC. MOTORCRAFT: SA-950

SUBSTITUI */ REPLACE:*
MITSUBISHI: D8483.

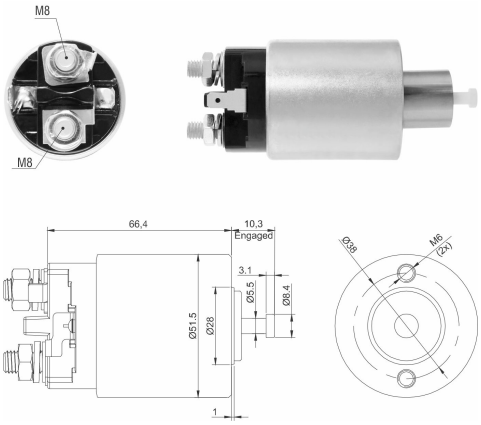


ZM 2-995 12v

APLICAÇÃO */ USED ON:*
HYUNDAI: i20, i30. KIA MOTORS: Cee'd, Cerato, Forte, Soul.

MOTOR DE PARTIDA */ STARTER:*
MITSUBISHI: 361100-2B200, M000T32572

SUBSTITUI */ REPLACE:*

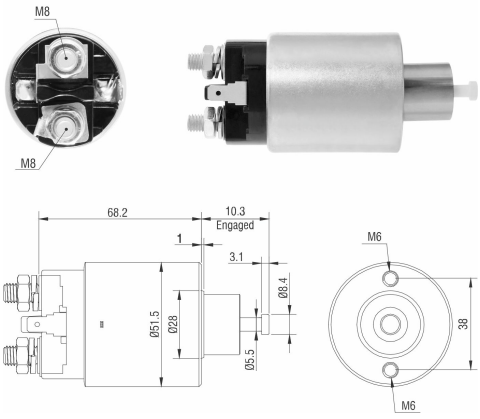


ZM 3-995 12v

APLICAÇÃO */ USED ON:*
MITSUBISHI: Eclipse, Galant, Lancer, Outlander.

MOTOR DE PARTIDA */ STARTER:*
MITSUBISHI: 1810A001, M000T20672, M0T20672

SUBSTITUI */ REPLACE:*
MITSUBISHI: M371XE0571, M371XE4271.

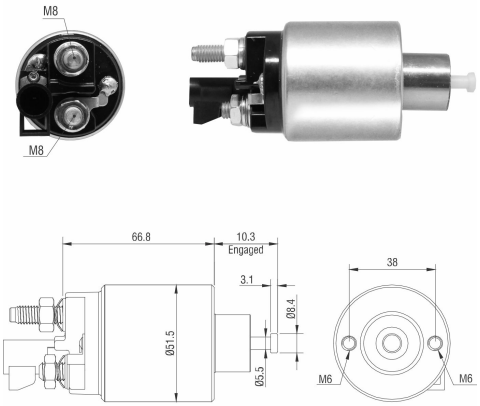


ZM 4-995 12v

APLICAÇÃO */ USED ON:*
CITROËN: C-Crosser. MITSUBISHI: ASX, Colt, Lancer, Outlander. NISSAN: March.

MOTOR DE PARTIDA */ STARTER:*
MITSUBISHI: 1810A008, M000T31671, M000T31671ZC, M0T31671

SUBSTITUI */ REPLACE:*
MITSUBISHI: M371XD2071.



ZM 5-995 12v

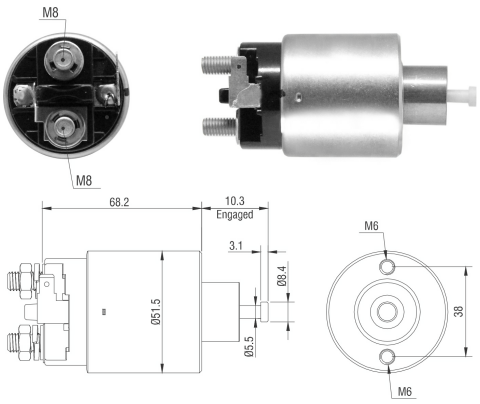
APLICAÇÃO */ USED ON:*

BUICK: Enclave, Lacrosse. CADILLAC: SRX, STS. GM-CHEVROLET: Acadia, Captiva, Equinox, Malibu, Terrain, Traverse. GM-OPEL: Antara. GM-PONTIAC: G6, Torrent. GM-SATURN: Aura, Outlook, Vue. SUZUKI: XL-7.

MOTOR DE PARTIDA */ STARTER:*

GM: 12601721. MITSUBISHI: M000T35972, M000T36571, M000T36571ZC, M0T35972, M0T36571. SUZUKI: 31100-78J00

SUBSTITUI */ REPLACE:*



ZM 6-995 12v

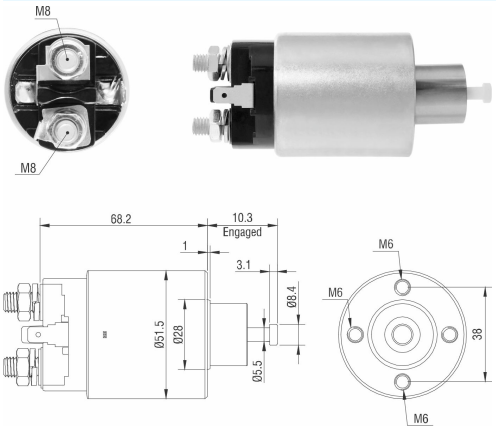
APLICAÇÃO */ USED ON:*

MITSUBISHI: Carisma, Colt, Lancer, Mirage, Pajero TR4, Space Star.

MOTOR DE PARTIDA */ STARTER:*

MITSUBISHI: M000T30771, M000T35171, M0T35171, M137718D, MN137718

SUBSTITUI */ REPLACE:*



ZM 7-995 12v

APLICAÇÃO */ USED ON:*

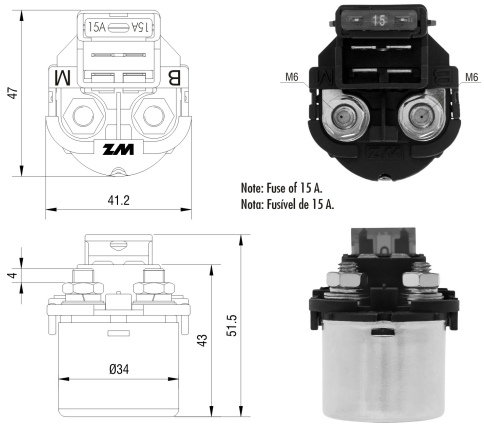
CITROËN: C-Crosser. MITSUBISHI: ASX, Colt, Lancer, Outlander. NISSAN: March.

MOTOR DE PARTIDA */ STARTER:*

MITSUBISHI: 1810A008, M000T31671, M000T31671ZC, M0T31671

SUBSTITUI */ REPLACE:*

MITSUBISHI: M371XD2071.

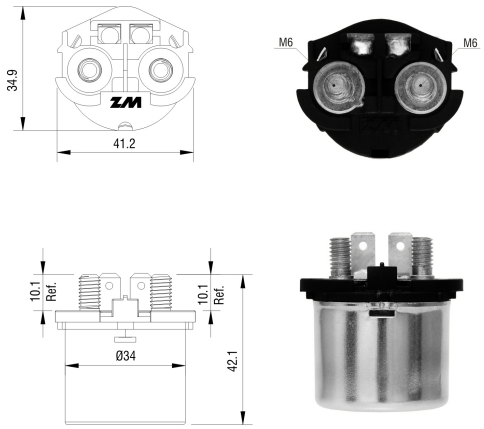


ZM 101 12v

APLICAÇÃO / *USED ON:*
HONDA: CBX 200 Strada, NX 200, XR 200.

MOTOR DE PARTIDA / *STARTER:*

SUBSTITUI / *REPLACE:*
HONDA: 35850-KBB-900.

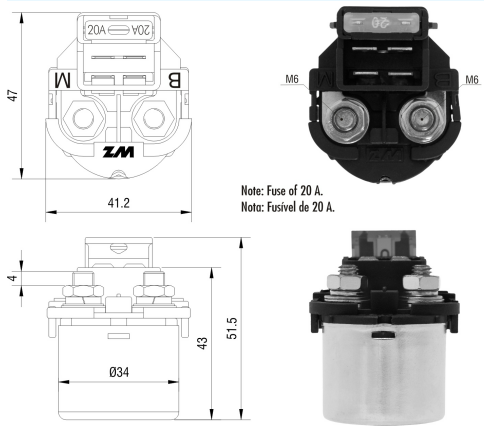


ZM 1-101 12v

APLICAÇÃO / *USED ON:*
HONDA: Biz 125 ES, CBX 200 Strada, CBX 250 Twister, NX 200, NX 350 Sahara, NX4 Falcon, NXR 125 Bross ES, NXR 150 Bross, Titan ES, XLR 125, XR 200, XR 250.

MOTOR DE PARTIDA / *STARTER:*

SUBSTITUI / *REPLACE:*
HONDA: 35850-KAS-930, 35850-KBB-900, 35850-KW1-900, 35850-KW1-901, 35850-MCG-000, 35851-KBB-900, 35851-MF5-751, 35851-MFS-751, 35860-KGA-940.

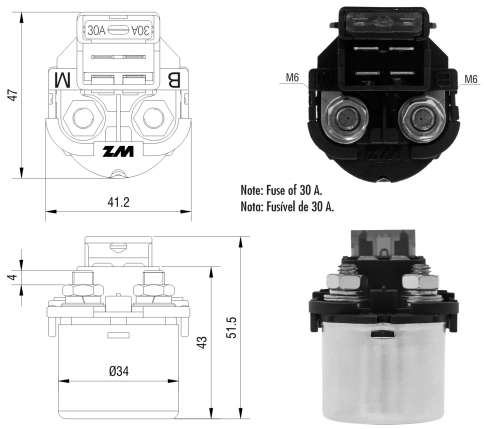


ZM 102 12v

APLICAÇÃO / *USED ON:*
HONDA: CBX 250 Twister, XR 250.

MOTOR DE PARTIDA / *STARTER:*

SUBSTITUI / *REPLACE:*
HONDA: 35851-KBB-900.

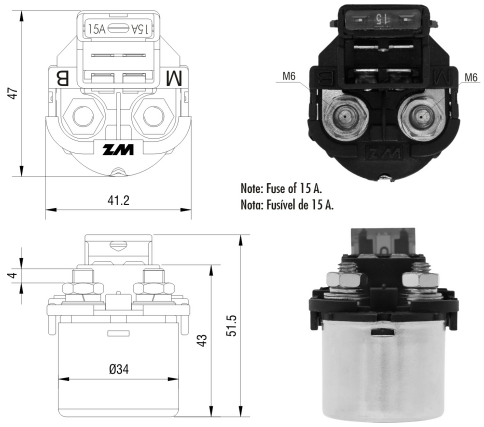


ZM 103 12v

APLICAÇÃO / *USED ON:*
HONDA: NX4 Falcon.

MOTOR DE PARTIDA / *STARTER:*

SUBSTITUI / *REPLACE:*
HONDA: 35850-MCG-000.

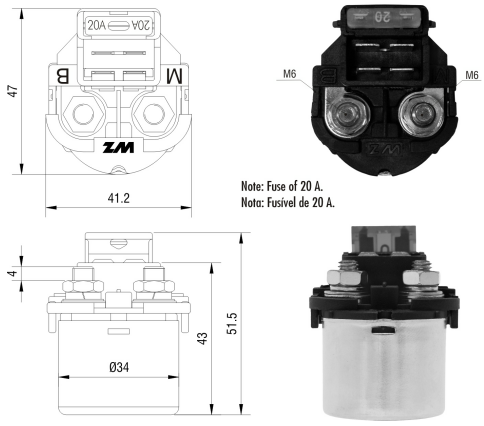


ZM 111 12v

APLICAÇÃO */ USED ON:*
HONDA: Biz 125 ES, CG 150, NXR 125 Bross ES, NXR 150 Bross, Titan ES, XLR 125.

MOTOR DE PARTIDA */ STARTER:*

SUBSTITUI */ REPLACE:*
HONDA: 35850-KW1-900, 35850-KW1-901, 35851-MF5-751, 35851-MFS-751, 35860-KGA-940.

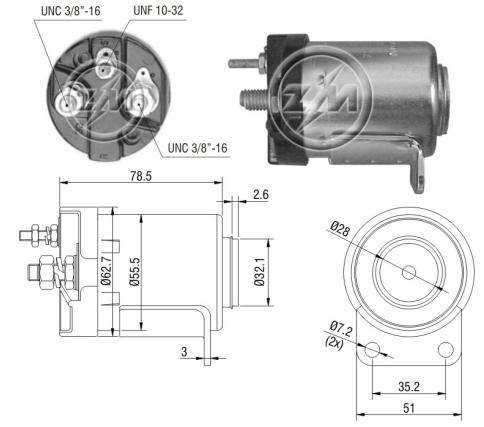


ZM 112 12v

APLICAÇÃO */ USED ON:*
HONDA: NX 350 Sahara.

MOTOR DE PARTIDA */ STARTER:*

SUBSTITUI */ REPLACE:*
HONDA: 35850-KAS-930.

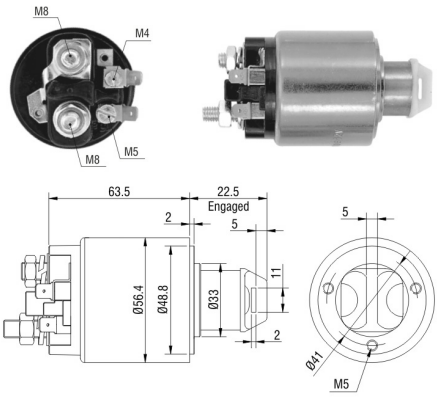


ZM 5-501 12v

APLICAÇÃO */ USED ON:*
HARLEY DAVIDSON: Motocicletas, Motorcycles.

MOTOR DE PARTIDA */ STARTER:*

SUBSTITUI */ REPLACE:*
HARLEY DAVIDSON: 41473-77A, 41473-77B, 71469-65, 71469-65A, 71469-65B, 71469-69, 71470-86T, 71473-77.
PRESTOLITE: 15-452, 15-453, SAJ-4003A, SAJ-4003AA, SAJ-4003B, SAJ-4003BA.



ZM 471 12v

APLICAÇÃO / *USED ON:*

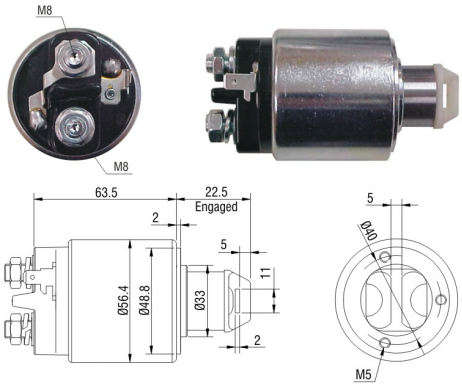
AUDI: 100 III, 80 II, Coupe. CITROËN: 625E. FIAT: Ducato. FORD: Escort, Pampa, Taurus, Versailles. PEUGEOT: 305, 504, 505, 604, J 5. RENAULT: Fuego, R12, R18, R19, R21, Renault 21, Trafic. TALBOT: Express (2) 250, 290 SWB, 310, 350 LWB, Express 1000, Express 1300, Express 1400, 1800, Express 1500, Express Sportsman 8, 12, 15. VOLKSWAGEN: Passat, Santana, Saveiro.

MOTOR DE PARTIDA / *STARTER:*

LUCAS INDIEL: 35257510, 35257520, 35257535, 35257710, 35257750, 35257765, 35257790, 35257810, 35257850, 35257870, 35257930, 35257950, 35257960, 35257970, 35257990, 35258060, 35258180, 35258340. PRESTOLITE INDIEL: 35257510, 35257520, 35257535, 35257710, 35257750, 35257765, 35257790, 35257810, 35257850, 35257870, 35257930, 35257950, 35257960, 35257970, 35257990, 35258060, 35258180, 35258340

SUBSTITUI / *REPLACE:*

LUCAS INDIEL: 230540, 230550, 230590, 230660, 230670, 35640540, 35640550, 35640590, 35640660. PRESTOLITE INDIEL: 230540, 230550, 230590, 230660, 230670, 35640540, 35640550, 35640590, 35640660, 35640670.



ZM 1-471 12v

APLICAÇÃO / *USED ON:*

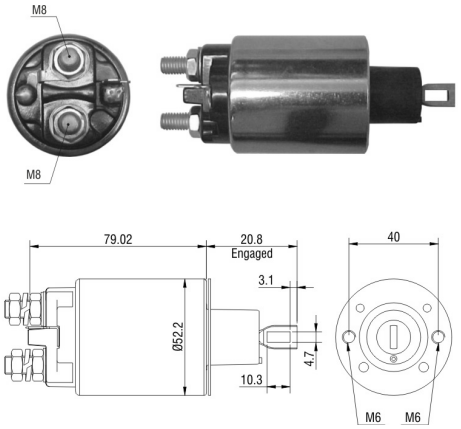
RENAULT: Renault 19.

MOTOR DE PARTIDA / *STARTER:*

LUCAS INDIEL: 35258380, 35259740. PRESTOLITE INDIEL: 35258380, 35259740

SUBSTITUI / *REPLACE:*

LUCAS INDIEL: 230700, 35640700. PRESTOLITE INDIEL: 230700, 35640700. RENAULT: 7702218570.



ZM 480 12v CAP ZM 480.96

APLICAÇÃO / *USED ON:*

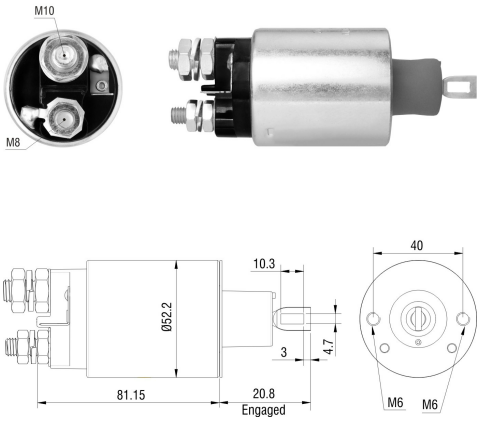
FORD: F-1000. MERCEDES-BENZ: Sprinter.

MOTOR DE PARTIDA / *STARTER:*

LUCAS INDIEL: 35258490, 35258660. PRESTOLITE INDIEL: 35258490, 35258660, 35259040

SUBSTITUI / *REPLACE:*

BOSCH: F.042.011.148. LUCAS INDIEL: 230770, 231020, 35640770, 35641020, K01253. PRESTOLITE INDIEL: 35640770, 35641020, K01253.



ZM 481 12v CAP ZM 481.96

APLICAÇÃO / *USED ON:*

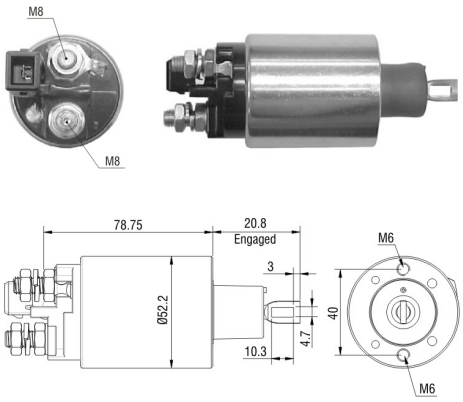
GM-CHEVROLET: D series, Silverado.

MOTOR DE PARTIDA / *STARTER:*

LUCAS INDIEL: 35258540, 35258970, 35259140. PRESTOLITE INDIEL: 35258540, 35258970, 35259140

SUBSTITUI / *REPLACE:*

BOSCH: F.042.011.149. LUCAS INDIEL: 35640840, K01246. PRESTOLITE INDIEL: 35640840, K01246.

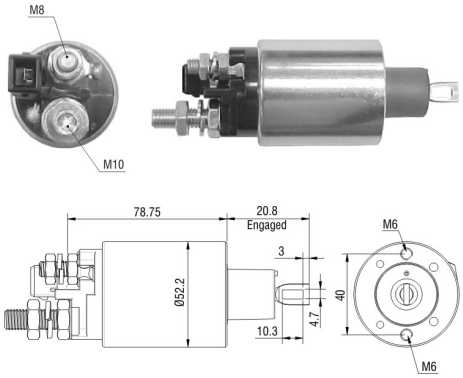


ZM 482 12v CAP ZM 482.96

APLICAÇÃO */ USED ON:*
FORD: F 100. GM-CHEVROLET: D series, Gran Blazer, Silverado.

MOTOR DE PARTIDA */ STARTER:*
LUCAS INDIEL: 35258580, 35258910. PRESTOLITE INDIEL: 35258580, 35258910

SUBSTITUI */ REPLACE:*
BOSCH: F.042.011.167. LUCAS INDIEL: 230810, 35640810, K01245. PRESTOLITE INDIEL: 230810, 35640810, K01245.

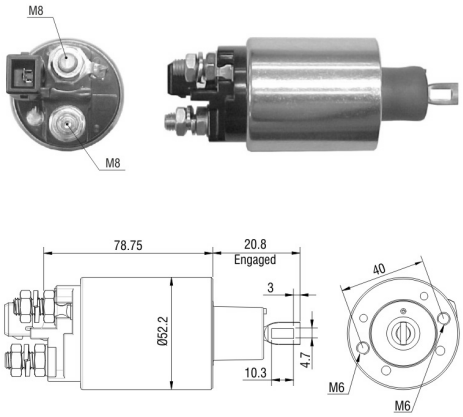


ZM 1-482 12v CAP ZM 483.96

APLICAÇÃO */ USED ON:*
CUMMINS: Equipamentos. FORD: Cargo, Cargo 1217, Cargo 1417, Cargo 1421, Cargo 1617, Cargo 1621, Cargo C 815, F-12000, F-14000, F-16000.

MOTOR DE PARTIDA */ STARTER:*
FORD: 2C45-11001-AA, 4C45-11001-BA, 5S45-11000-AA, XC45-11001-CA, XS45-11001-CA. LUCAS INDIEL: 35259870, 35259880, 35261120, 35262710. PRESTOLITE INDIEL: 35259870, 35259880, 35261120, 35262580, 35262710

SUBSTITUI */ REPLACE:*
BOSCH: F.042.011.165. LUCAS INDIEL: 35640995, 35641160, K01351. PRESTOLITE INDIEL: 35640995, 35641160, K01351.

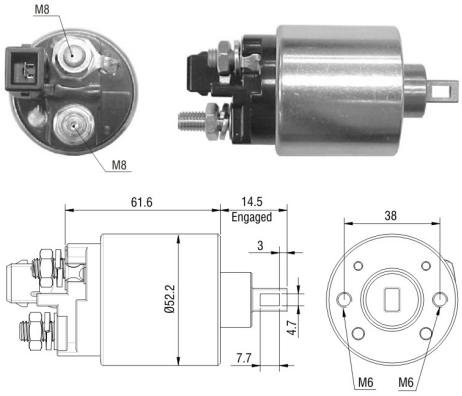


ZM 2-482 12v CAP ZM 482.96

APLICAÇÃO */ USED ON:*
FORD: F-250, F-350.

MOTOR DE PARTIDA */ STARTER:*
LUCAS INDIEL: 35259890. PRESTOLITE INDIEL: 35259890

SUBSTITUI */ REPLACE:*
LUCAS INDIEL: 35641025, K01352. PRESTOLITE INDIEL: 35641025, K01352.

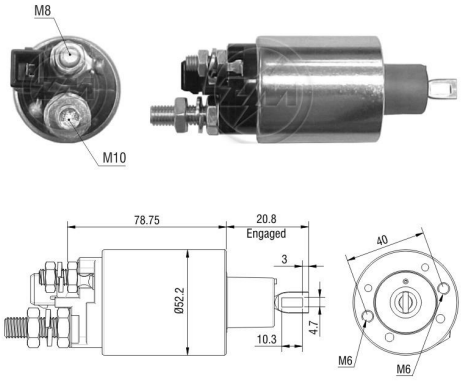


ZM 3-482 12v CAP ZM 3-482.96

APLICAÇÃO */ USED ON:*
FORD: Escort, Orion, Verona. SEAT: Inca. VOLKSWAGEN: Caddy, Golf, Logus, Pointer, Polo.

MOTOR DE PARTIDA */ STARTER:*
LUCAS INDIEL: 35258640, 35259060, 35259250. PRESTOLITE INDIEL: 35258640, 35259060, 35259250. VOLKSWAGEN: 020-911-023A, 020911023A

SUBSTITUI */ REPLACE:*
LUCAS INDIEL: 230860, 35640860, K01338. PRESTOLITE INDIEL: 230860, 35640860, K01338.

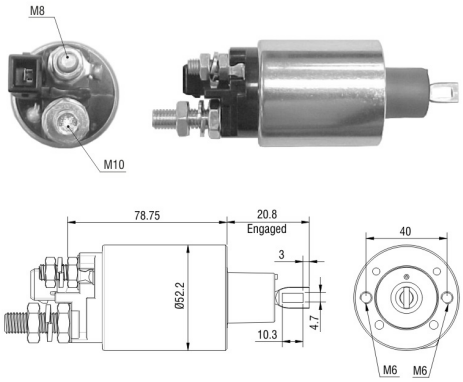


ZM 4-482 12v CAP ZM 483.96

APLICAÇÃO */ USED ON:*
AGRALE: 5075, 5075.4, 5085, 5085.4, 7500, 8500, 9200, BX, Furgovan, Série 229, Série X10. FORD: F 100, F 150, F 3500, F-1000, F-14000, F-250, F-350, F-4000, F-7000.

MOTOR DE PARTIDA */ STARTER:*
FORD: 2C35-11001-BA, XC35-11000-CA, XC3U-11000-CA. LUCAS INDIEL: 35259750, 35259760, 35259900, 35261355, 35261360, 35261425. PRESTOLITE INDIEL: 35259750, 35259760, 35259900, 35261305, 35261355, 35261360, 35261425, 35261760

SUBSTITUI */ REPLACE:*
LUCAS INDIEL: 35641005, 35641130, 35641155, 35641245, K01353, K01449, K01457, K01522. PRESTOLITE INDIEL: 35641005, 35641130, 35641155, 35641245, 35641540, K01353, K01449, K01457, K01522.

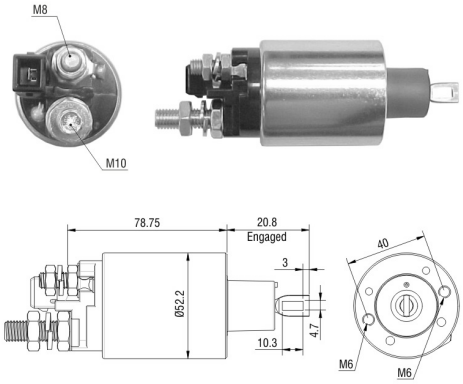


ZM 483 24v CAP ZM 483.96

APLICAÇÃO */ USED ON:*
AGRALE: Marruá. FIAT-IVECO: Iveco. VOLVO: VM17, VM23.

MOTOR DE PARTIDA */ STARTER:*
LUCAS INDIEL: 35259770, 35259780, 35661900. PRESTOLITE INDIEL: 35259770, 35259780, 35261900

SUBSTITUI */ REPLACE:*
BOSCH: F.042.011.166.

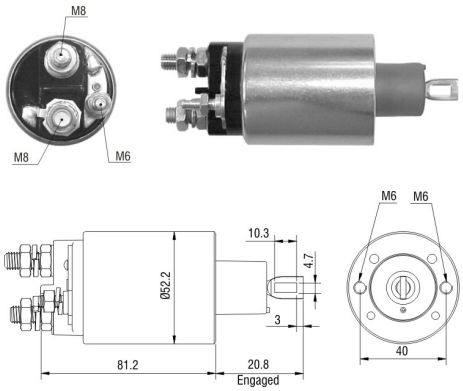


ZM 1-483 24v CAP ZM 483.96

APLICAÇÃO */ USED ON:*
AGRALE: Marruá. FIAT-IVECO: Iveco. VOLVO: VM17, VM23.

MOTOR DE PARTIDA */ STARTER:*
LUCAS INDIEL: 35259770, 35259780, 35261900. PRESTOLITE INDIEL: 35259770, 35259780, 35261900

SUBSTITUI */ REPLACE:*
LUCAS INDIEL: 35641110, K01363. PRESTOLITE INDIEL: 35641110, K01363.

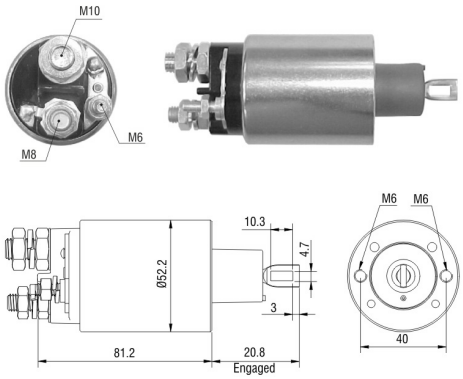


ZM 484 12v CAP ZM 484.96

APLICAÇÃO */ USED ON:*
CITROËN: Jumper. FIAT: Ducato, Talento. FORD: Ranger. PEUGEOT: Boxer.

MOTOR DE PARTIDA */ STARTER:*
PRESTOLITE INDIEL: 35259170, 35259950, 35260828, 35260920, 35261860

SUBSTITUI */ REPLACE:*
BOSCH: F.042.011.168. LUCAS INDIEL: 35640930, K01249. PRESTOLITE INDIEL: 35640930, 35641380, K01249.

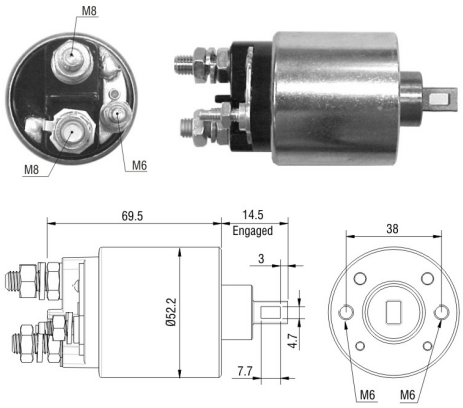


ZM 1-484 12v CAP ZM 1-484.96

APLICAÇÃO */ USED ON:*
CUMMINS: Equipamentos. DIMEX: Caminhão, Omnibus, Truck, Ônibus. FORD: Cargo 1416, Cargo 1716, Truck. ZANELLO: Tractor 230, Trator 250.

MOTOR DE PARTIDA */ STARTER:*
PRESTOLITE INDIEL: 35258940, 35258950, 35259620, 35259630, 35259650, 35259670

SUBSTITUI */ REPLACE:*
BOSCH: F.042.011.169. LUCAS INDIEL: 35640940, K01250. PRESTOLITE INDIEL: 35640940, K01250.

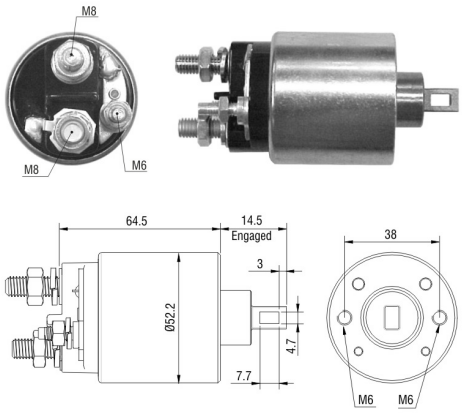


ZM 2-484 12v CAP ZM 484.96

APLICAÇÃO */ USED ON:*
FORD: Escort, Focus, Mondeo. GM-CHEVROLET: Corsa.

MOTOR DE PARTIDA */ STARTER:*
PRESTOLITE INDIEL: 35258790, 35258850

SUBSTITUI */ REPLACE:*
LUCAS INDIEL: 230920, 35640920, K01340. PRESTOLITE INDIEL: 230920, 35640920, K01340.

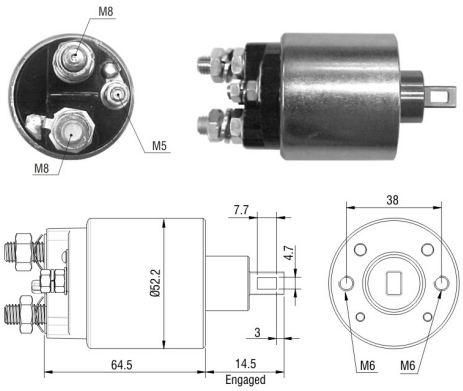


ZM 3-484 12v CAP ZM 3-484.96

APLICAÇÃO */ USED ON:*
FORD: Courier, Escort, Fiesta, Focus, Mondeo, Ranger. GM-CHEVROLET: Corsa.

MOTOR DE PARTIDA */ STARTER:*
PRESTOLITE INDIEL: 35258760, 35258780, 35258860, 35259860, 35261250, 35261260

SUBSTITUI */ REPLACE:*
LUCAS INDIEL: 230890, 35640890, K01231. PRESTOLITE INDIEL: 230890, 35640890, 35641240, K01231.

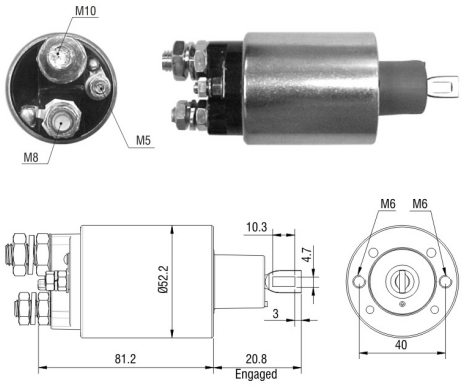


ZM 485 12v CAP ZM 485.96

APLICAÇÃO */ USED ON:*
CITROËN: BX, Berlingo, C15, C25, C5. PEUGEOT: 205, 306, 405, Boxer, Partner.

MOTOR DE PARTIDA */ STARTER:*
PRESTOLITE INDIEL: 35258370, 35258730

SUBSTITUI */ REPLACE:*
LUCAS INDIEL: 230690, 35640690, K01334. PRESTOLITE INDIEL: 230690, 35640690, K01334.



ZM 1-485 12v

CAP ZM 1-485.96

APLICAÇÃO */ USED ON:*

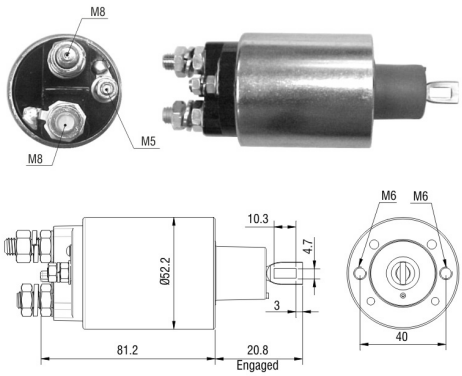
FORD: F 100, F 150, F-1000. JOHN DEERE: Colheitadeira, Cosechadora, Tractor, Trator. MASSEY FERGUSON: Colheitadeira, Cosechadora, Tractor, Trator. MERCEDES-BENZ: Omnibus, Ônibus.

MOTOR DE PARTIDA */ STARTER:*

PRESTOLITE INDIEL: 35258820, 35258880, 35258950, 35259150, 35259310, 35259580, 35259590, 35259600, 35259660, 35259680, 35259690, 35260940, 35261020, 35261345, 35261385

SUBSTITUI */ REPLACE:*

BOSCH: F.042.011.158. LUCAS INDIEL: 35640910, K01248, K01516. PRESTOLITE INDIEL: 35640910, 35641280, K01248, K01516.



ZM 2-485 12v

CAP ZM 2-485.96

APLICAÇÃO */ USED ON:*

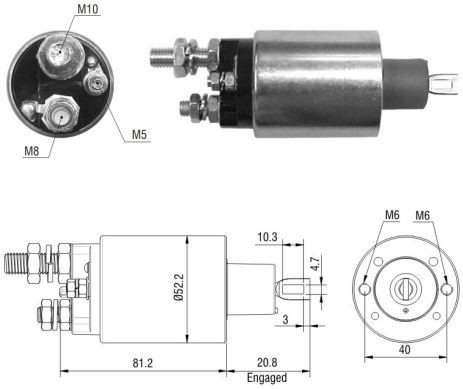
DEUTZ: Caminhão, Colheitadeira, Cosechadora, Pick-up, Tractor, Trator, Truck. FORD: F 100, F 150, F-250, F-7000, Transit. MASSEY FERGUSON: Apiladora, Colheitadeira, Cosechadora, Empilhadeira, Tractor, Trator. PEUGEOT: 504, 505, Pick-up.

MOTOR DE PARTIDA */ STARTER:*

LUCAS INDIEL: 35258620, 35258710, 35258960, 35258980, 35259180, 35259300, 35259330, 35259710, 35260950, 35261070, 35261175. PRESTOLITE INDIEL: 35258620, 35258710, 35258960, 35258980, 35259180, 35259300, 35259330, 35259710, 35260950, 35261070, 35261175

SUBSTITUI */ REPLACE:*

BOSCH: F.042.011.159. LUCAS INDIEL: 35640850, K01247. PRESTOLITE INDIEL: 35640850, K01247.



ZM 3-485 24v

CAP ZM 3-485.96

APLICAÇÃO */ USED ON:*

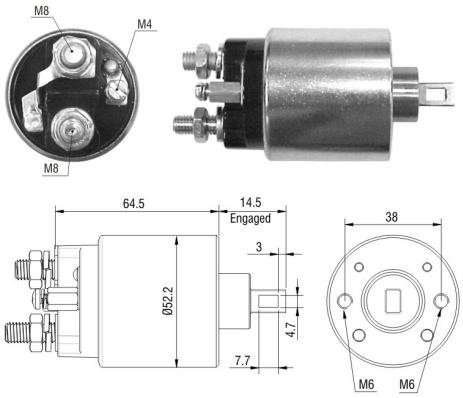
CUMMINS: Equipamentos. MERCEDES-BENZ: Omnibus. VOLKSWAGEN: 17.250, 26.250, Bus, Mini Bus, Titan, Ônibus.

MOTOR DE PARTIDA */ STARTER:*

LUCAS INDIEL: 35259240, 35259440, 35259460, 35261000, 35261130, 35261185, 35261395, 35262020. PRESTOLITE INDIEL: 35259240, 35259440, 35259460, 35261000, 35261130, 35261185, 35261395, 35262020, 35262020AM, 35262240, 35262460

SUBSTITUI */ REPLACE:*

BOSCH: F.042.011.157. LUCAS INDIEL: 35641000, K01193, K01364. PRESTOLITE INDIEL: 35641000, K01193, K01364.



ZM 4-485 12v

CAP ZM 4-485.96

APLICAÇÃO */ USED ON:*

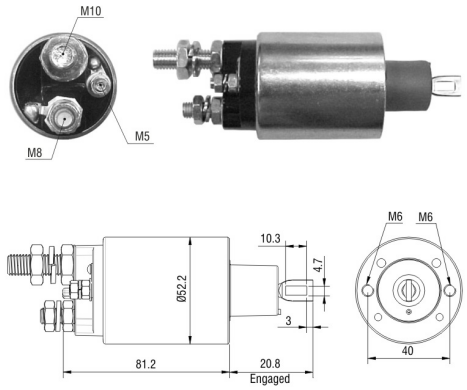
AGRALE: Série M, Trator 4100. VOLKSWAGEN: Gol, Quantum, Santana, Saveiro, Senda.

MOTOR DE PARTIDA */ STARTER:*

PRESTOLITE INDIEL: 35258470, 35258740, 35258750, 35259570, 35261810

SUBSTITUI */ REPLACE:*

LUCAS INDIEL: 230880, 35640880, 35641055, K01230, K01346. PRESTOLITE INDIEL: 230880, 35640880, 35641055, K01230, K01346.



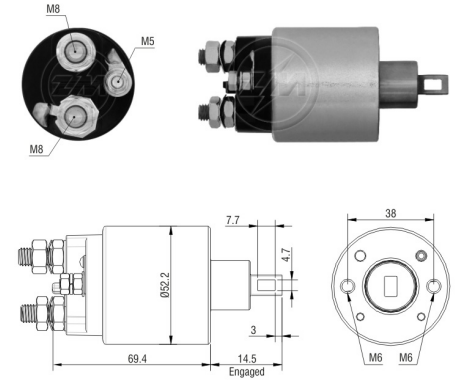
ZM 5-485 12v

CAP ZM 3-485.96

APLICAÇÃO */ USED ON:*
VOLKSWAGEN: 13.150, 13.180, 13.190, 15.180, 15.190, 17.210, 17.220, 23.210, 23.220, 26.220, 26.260, 7.10, 8-150, 8.120, Bus, Titan, Ônibus.

MOTOR DE PARTIDA */ STARTER:*
LUCAS INDIEL: 35259430, 35261135. PRESTOLITE INDIEL: 35259430, 35259450, 35259640, 35261135

SUBSTITUI */ REPLACE:*
BOSCH: F.042.011.151. LUCAS INDIEL: 35640955, K01182. PRESTOLITE INDIEL: 35640955, K01182.



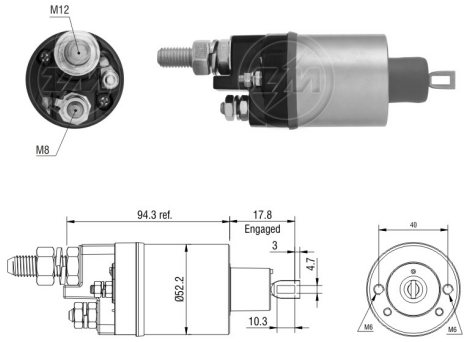
ZM 6-485 12v

CAP ZM 2-485.96

APLICAÇÃO */ USED ON:*
AGRALE: Trator 4230, Trator 4230 IND, Trator 4230.4.

MOTOR DE PARTIDA */ STARTER:*
AGRALE: 7100, 71010, 7107, 7109. LUCAS INDIEL: 35260890. PRESTOLITE INDIEL: 35260890

SUBSTITUI */ REPLACE:*
LUCAS INDIEL: 35640975, K01411. PRESTOLITE INDIEL: 35640975, K01411.

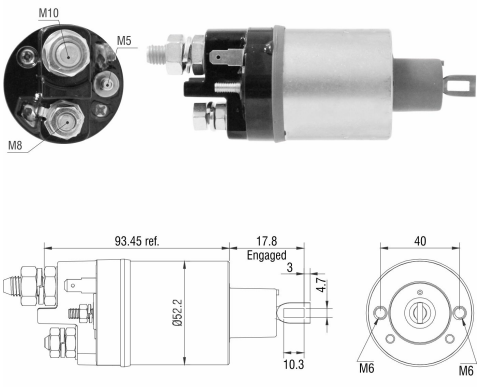


ZM 486 12v

APLICAÇÃO */ USED ON:*
AGCO ALLIS: R60, R70. CASE: Tractor Farm. CATERPILLAR: Tractor Farm. CUMMINS: Equipamentos. FORD: Cargo 1622, Cargo 2422, Cargo 2425, Cargo 2630, F 650, F-750, Pick-up, Van. FREIGHTLINER: FL 50, FL 60, FL 70, FL 80, FL 90, FLA 120, FLD 120, FLD112 Class. INTERNATIONAL: Cargostar, Paystar, S Series, Transtar. KENWORTH: T 300, T 400, Truck-450, Truck-C500, Truck-L700. LISTER PETTERS: Tractor JA6, Tractor JAS6 Series. MACK: CM Series. MASSEY FERGUSON: MF 8560, MF 8590, MF 860, MF 865, MF 9720. NEW HOLLAND: Harvester 1900, TR 86, TR 96. PETERBILT: 320, 357 Series, 375 Series. VOLVO: ACL 64.

MOTOR DE PARTIDA */ STARTER:*
PRESTOLITE INDIEL: 35259200, 35259500, 35259730, 35259810, 35259820, 35259830, 35259840, 35260830, 35260840, 35260870, 35260900, 35260910, 35261050, 35261680, 35261690, 35261780, 35262190

SUBSTITUI */ REPLACE:*
PRESTOLITE INDIEL: 35640965, K01311, K01345.

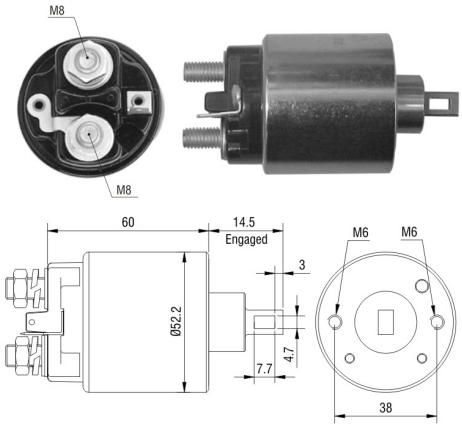


ZM 1-486 12v

APLICAÇÃO */ USED ON:*
HINO: FD3H. VALTRA: 1280R, 1580, 1780, 685C, 785C, BH160, BH180, BL77, BL88, BM100, BM120, T Serie.

MOTOR DE PARTIDA */ STARTER:*
PRESTOLITE INDIEL: 35259340, 35259360. VALTRA: 221561, 835331592

SUBSTITUI */ REPLACE:*
PRESTOLITE INDIEL: 35641260, K01500.

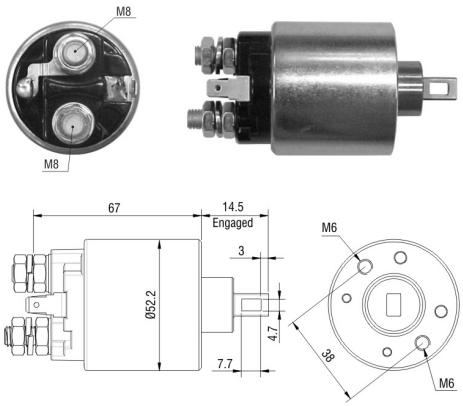


ZM 716 12v

APLICAÇÃO */ USED ON:*
FORD: Escort, Orion. VOLKSWAGEN: Passat, Pointer, Polo.

MOTOR DE PARTIDA */ STARTER:*
LUCAS INDIEL: 35258270. PRESTOLITE INDIEL: 35258270

SUBSTITUI */ REPLACE:*
BOSCH: 1.987.BE2.005. LUCAS INDIEL: 35640630. PRESTOLITE INDIEL: 35640630.

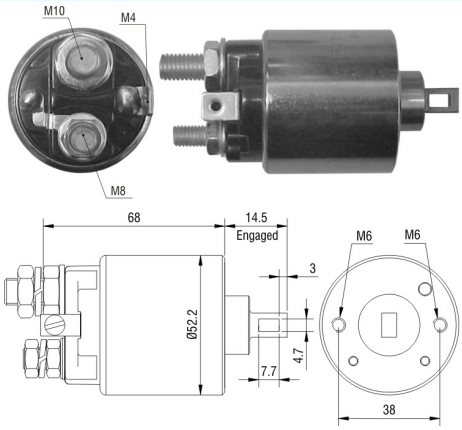


ZM 1-716 12v

APLICAÇÃO */ USED ON:*
RENAULT: Clio, R11, R19, R9.

MOTOR DE PARTIDA */ STARTER:*
LUCAS INDIEL: 35258600. PRESTOLITE INDIEL: 35258600

SUBSTITUI */ REPLACE:*
LUCAS INDIEL: 35640870, K01223. PRESTOLITE INDIEL: 35640870, K01223.

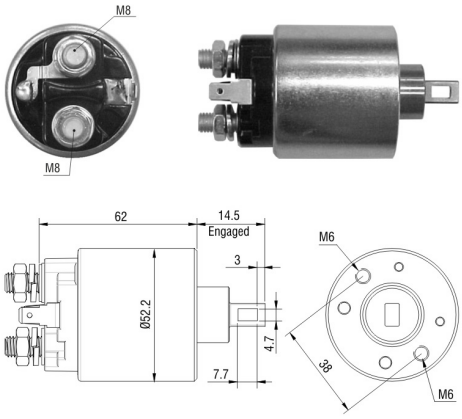


ZM 2-716 12v

APLICAÇÃO */ USED ON:*
GM-CHEVROLET: C series, C-20, Silverado.

MOTOR DE PARTIDA */ STARTER:*
LUCAS INDIEL: 35258430. PRESTOLITE INDIEL: 35258430

SUBSTITUI */ REPLACE:*
LUCAS INDIEL: 35640710. PRESTOLITE INDIEL: 35640710, K01335.

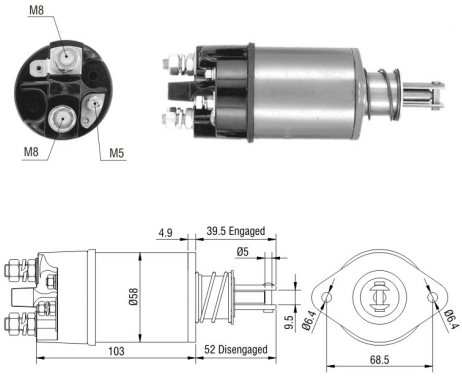


ZM 3-716 12v

APLICAÇÃO */ USED ON:*
RENAULT: Clio, Megane, R19.

MOTOR DE PARTIDA */ STARTER:*
LUCAS INDIEL: 35258560. PRESTOLITE INDIEL: 35258560

SUBSTITUI */ REPLACE:*
LUCAS INDIEL: 230800, 35640800, K01337. PRESTOLITE INDIEL: 230800, 35640800, K01337.



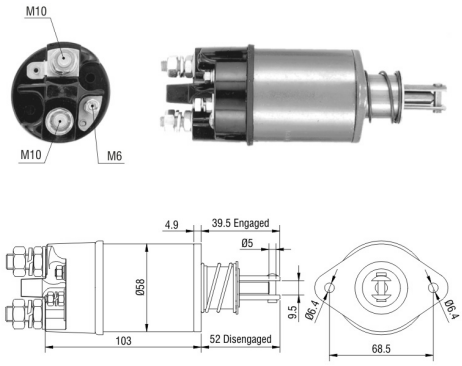
ZM 801 12v

CAP ZM 801.96

APLICAÇÃO */ USED ON:*
PEUGEOT: 504. RENAULT: Espace, Fuego, Master, Renault 18, Renault 21, Renault 25, Safrane, Trafic.

MOTOR DE PARTIDA */ STARTER:*
LUCAS INDIEL: 35256422, 35256424, 35257700, 35257880. PRESTOLITE INDIEL: 35256422, 35256424, 35257700, 35257880

SUBSTITUI */ REPLACE:*
LUCAS INDIEL: 230274, 35640274. PRESTOLITE INDIEL: 230274, 35640274.



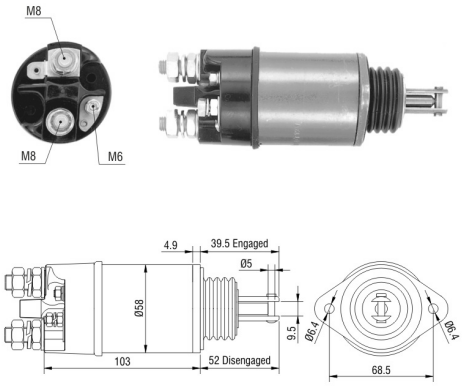
ZM 1-801 24v

CAP ZM 802.96

APLICAÇÃO */ USED ON:*
DEUTZ: Omnibus, Tractor, Truck. FIAT: Omnibus.

MOTOR DE PARTIDA */ STARTER:*
LUCAS INDIEL: 32556474, 32556747, FC115024. PRESTOLITE INDIEL: 32556474, 32556747, FC115024

SUBSTITUI */ REPLACE:*
LUCAS INDIEL: 230346, 35640346. PRESTOLITE INDIEL: 230346, 35640346.



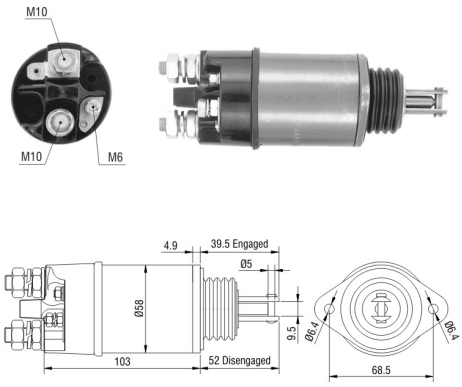
ZM 2-801 12v

CAP ZM 2-801.96

APLICAÇÃO */ USED ON:*
JOHN DEERE: Tractor, Trator.

MOTOR DE PARTIDA */ STARTER:*
LUCAS INDIEL: 35258500, 35258670, 35258770. PRESTOLITE INDIEL: 35258500, 35258670, 35258770

SUBSTITUI */ REPLACE:*
LUCAS INDIEL: 230780, 230790, 35640780, 35640790. PRESTOLITE INDIEL: 230780, 230790, 35640780, 35640790.



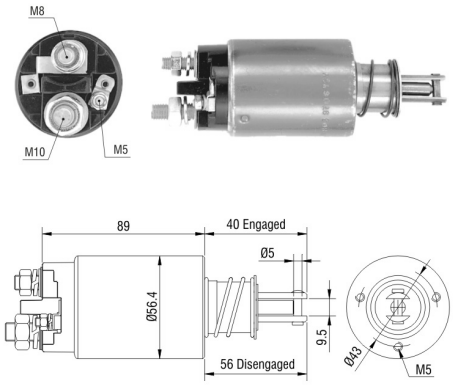
ZM 802 12v

CAP ZM 802.96

APLICAÇÃO */ USED ON:*
MERCEDES-BENZ: L 1215, L 1615, L 1622, L-1114, L-1620, L-608 D, L-709, L-710, L-912, L-913, O 371, O-364, OF 1214, OF 1316, OF 1319, OF 1320, OF 1419, OF 1420, OF-1315.

MOTOR DE PARTIDA */ STARTER:*
LUCAS INDIEL: 35257385. PRESTOLITE INDIEL: 35257385

SUBSTITUI */ REPLACE:*
LUCAS INDIEL: 230306, 35640306. PRESTOLITE INDIEL: 230306, 35640306.

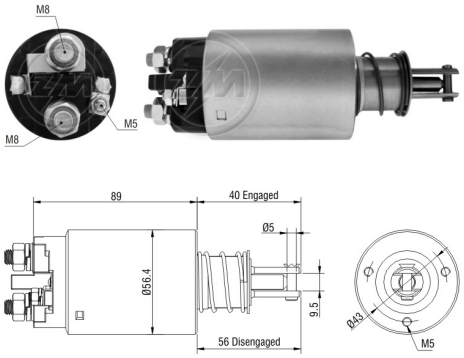


ZM 803 12v

APLICAÇÃO / *USED ON:*
FORD: F 100, F 150, F 3500, F-14000, F-250, F-4000, F-7000. GM-CHEVROLET: D series.

MOTOR DE PARTIDA / *STARTER:*
LUCAS INDIEL: 35258240, 35258440. PRESTOLITE INDIEL: 35258240, 35258440

SUBSTITUI / *REPLACE:*
BOSCH: 1.987.BE2.021. LUCAS INDIEL: 230640, 35640640. PRESTOLITE INDIEL: 230640, 35640640.

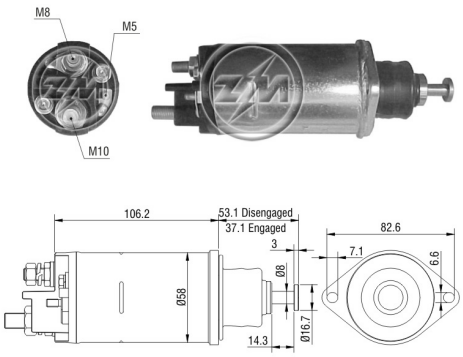


ZM 1-803 12v

APLICAÇÃO / *USED ON:*
PEUGEOT: 504, 505.

MOTOR DE PARTIDA / *STARTER:*
LUCAS INDIEL: M115 series. PRESTOLITE INDIEL: M115 series

SUBSTITUI / *REPLACE:*
LUCAS INDIEL: 230680, 35640680. PRESTOLITE INDIEL: 230680, 35640680.

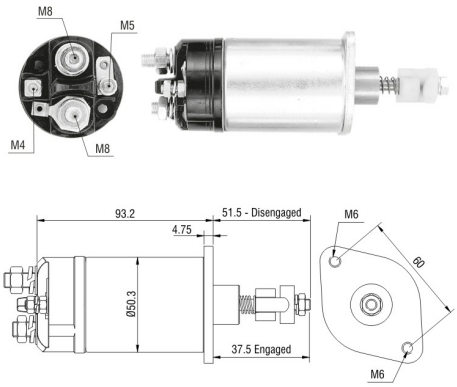


ZM 816 12v

APLICAÇÃO / *USED ON:*
FORD: Truck, Van.

MOTOR DE PARTIDA / *STARTER:*
FORD: F7HT-11001-EA, F7HT-11001-FA, F7HZ-11002-EA, F7HZ-11002-EARM, F7HZ-11002-FA, F7HZ-11002-FARM. LEECE NEVILLE: 4502ME, 4503ME, M0014502ME, M0014503ME. MOTORCRAFT: SA-846, SA-846-RM, SA-847, SA-847-RM

SUBSTITUI / *REPLACE:*
LEECE NEVILLE: L1033.



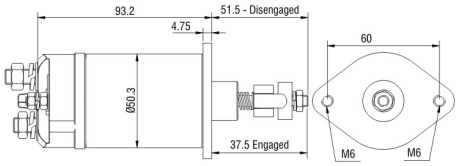
ZM 821 12v

APLICAÇÃO / *USED ON:*
FORD: F 100, F 150, F-1000, Fairlane, Falcon.

MOTOR DE PARTIDA / *STARTER:*
LUCAS INDIEL: 35258000. PRESTOLITE INDIEL: 35258000

SUBSTITUI / *REPLACE:*
FORD: 88DR-11001-A.





ZM 822 12v

APLICAÇÃO */ USED ON:*

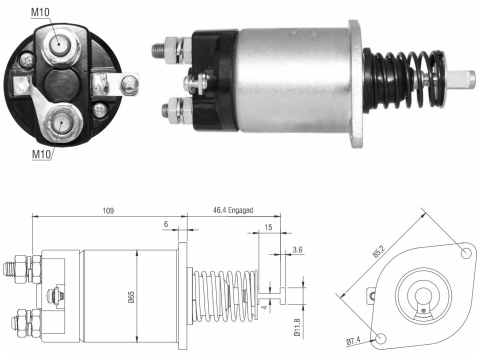
FORD: Falcon, Fairlane, Pick-up, F1000, TruckF350, F600, Taurus, Sierra, Bounous 2 Cil.

MOTOR DE PARTIDA */ STARTER:*

LUCAS INDIEL: 35256640, 35257086. PRESTOLITE INDIEL: 35256640, 35257086

SUBSTITUI */ REPLACE:*

LUCAS INDIEL: 230381, 35640381. PRESTOLITE INDIEL: 230381, 35640381.

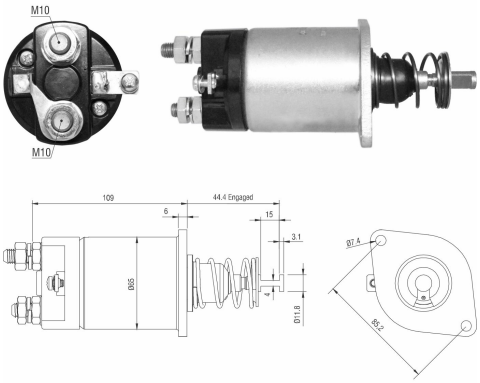


ZM 855 24v

APLICAÇÃO */ USED ON:*
HINO: Caminhões, FN, FR, GN, Medium Truck.

MOTOR DE PARTIDA */ STARTER:*
SAWAFUJI: 0350-702-0224, 0350-702-0226

SUBSTITUI */ REPLACE:*
HINO: 28180-1260. SAWAFUJI: 1350-101-00X9.

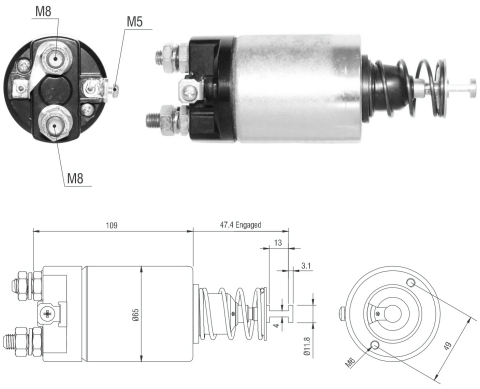


ZM 1-855 24v

APLICAÇÃO */ USED ON:*
HINO: Caminhões, EC100, EH100, FB, FD, Medium Truck. NISSAN: Bus, Truck, UD.

MOTOR DE PARTIDA */ STARTER:*

SUBSTITUI */ REPLACE:*
HINO: 28180-1240, 28180-1320, 28180-1330, 28180-1370, 28180-1400, 28180-1530. SAWAFUJI: 1350-097-00X9.

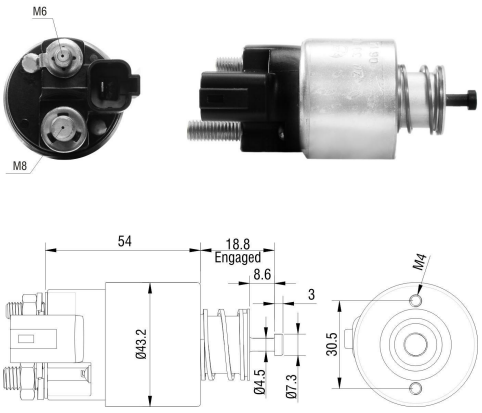


ZM 856 24v

APLICAÇÃO */ USED ON:*
HINO: Bus, Caminhões, FD, FF, Medium Truck, Truck.

MOTOR DE PARTIDA */ STARTER:*
SAWAFUJI: 0350-552-0062, 0350-552-0063, 0350-552-0110, 0350-552-0211, 03500-552-0211, 28100-1443, 28100-1630

SUBSTITUI */ REPLACE:*
HINO: 28150-1452. SAWAFUJI: 1350-079-0109, 1350-079-01X9, 1350-079-10X9.

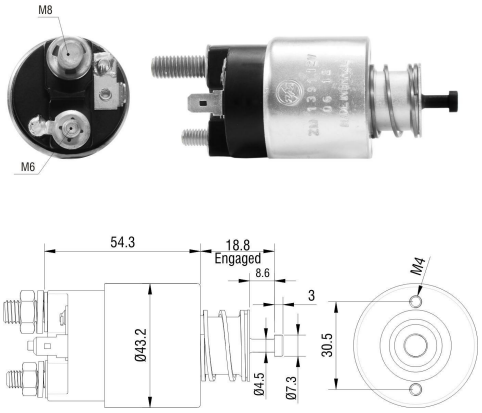


ZM 391 12v

APLICAÇÃO */ USED ON:*
HYUNDAI: Elantra, i20. KIA MOTORS: Cerato, Forte, Soul.

MOTOR DE PARTIDA */ STARTER:*
HYUNDAI: 36100-2B100. KIA: 36100-2B100. VALEO: 1195239

SUBSTITUI */ REPLACE:*
HYUNDAI: 36120-2B100. KIA: 36120-2B100.

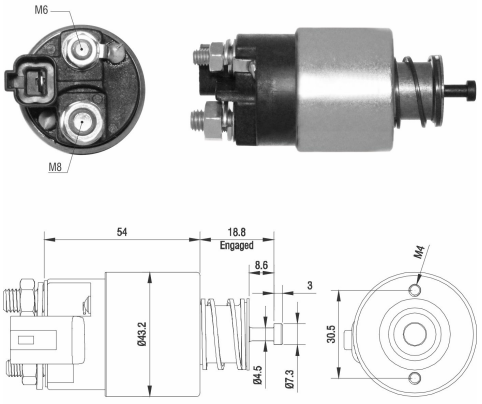


ZM 1-391 12v

APLICAÇÃO */ USED ON:*
HYUNDAI: Amica, Atoz, Click, i10. KIA MOTORS: Picanto.

MOTOR DE PARTIDA */ STARTER:*
KIA: 36100-02560. VALEO: 1195248

SUBSTITUI */ REPLACE:*

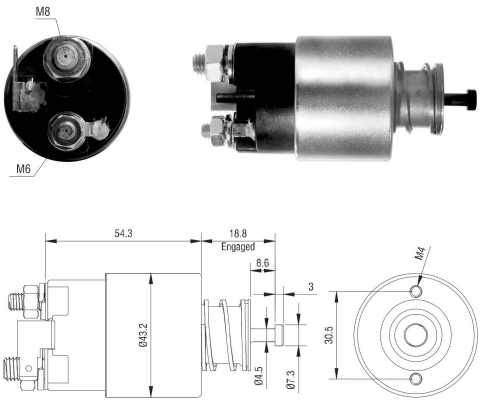


ZM 2-391 12v

APLICAÇÃO */ USED ON:*
HYUNDAI: Elantra, HB20, i30. KIA MOTORS: Carens, Rondo, Soul.

MOTOR DE PARTIDA */ STARTER:*
HYUNDAI: 36100-2B110. KIA: 36100-2B110. VALEO: 1204960

SUBSTITUI */ REPLACE:*
HYUNDAI: 36120-2B110. KIA: 36120-2B110.

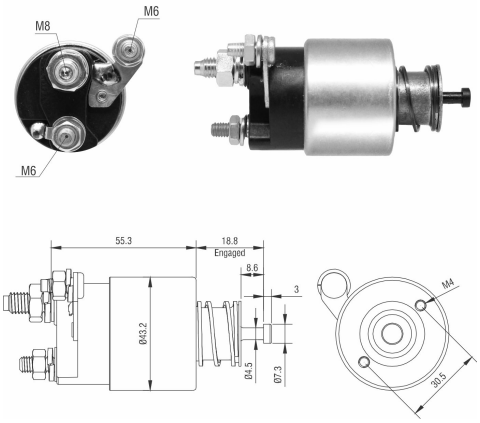


ZM 3-391 12v

APLICAÇÃO */ USED ON:*
HYUNDAI: Accent, Getz, Matrix, Verna. KIA MOTORS: Rio.

MOTOR DE PARTIDA */ STARTER:*
HYUNDAI: 36100-22860. KIA: 36100-22860. VALEO: 1195244

SUBSTITUI */ REPLACE:*
HYUNDAI: 36120-22810. VALEO: 36120-22810.

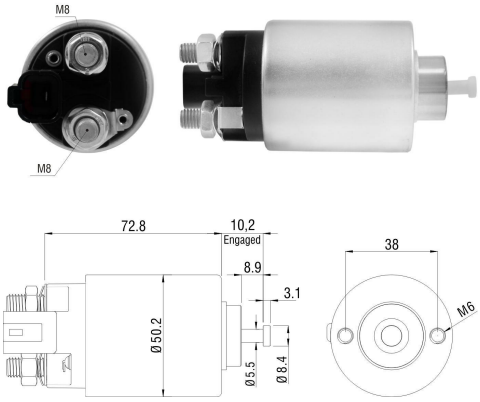


ZM 4-391 12v

APLICAÇÃO */ USED ON:*
FORD: Ecosport, Fiesta, Ka, New Fiesta, Novo Fiesta.

MOTOR DE PARTIDA */ STARTER:*
FORD: 31G4 4230 CFF S, E3B5-11000-AA, E3B511000AA. VALEO: TSC10B1

SUBSTITUI */ REPLACE:*
VALEO: 501792.

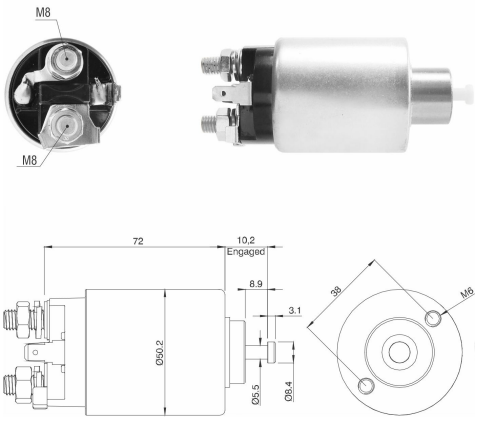


ZM 392 12v

APLICAÇÃO */ USED ON:*
HYUNDAI: Coupe, Elantra, Tiburon, Tucson, i30. KIA MOTORS: Cee'd, Spectra, Sportage.

MOTOR DE PARTIDA */ STARTER:*
KIA: 361100-23070. VALEO: 36100-23070, 36100-23071, TM000A37901

SUBSTITUI */ REPLACE:*
VALEO: 36100-23070, 36100-23071, TM000A37901.

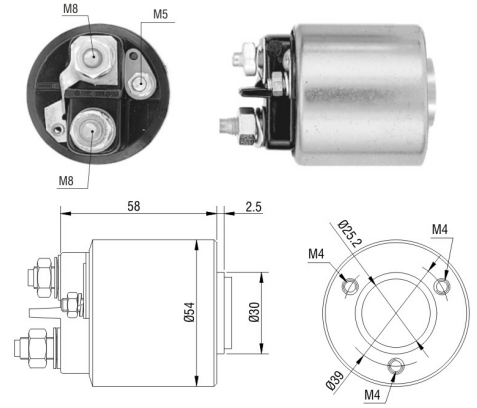


ZM 2-392 12v

APLICAÇÃO */ USED ON:*
HYUNDAI: Coupe, Santa Fé, Sonata, Terracan, Tiburon, Trajet, Tucson, XG300, XG350. KIA MOTORS: Carnival, Magentis, Optima, Sedona, Sportage.

MOTOR DE PARTIDA */ STARTER:*
HYUNDAI: 36100-37210, 36100-37230. MANDO: M62957

SUBSTITUI */ REPLACE:*

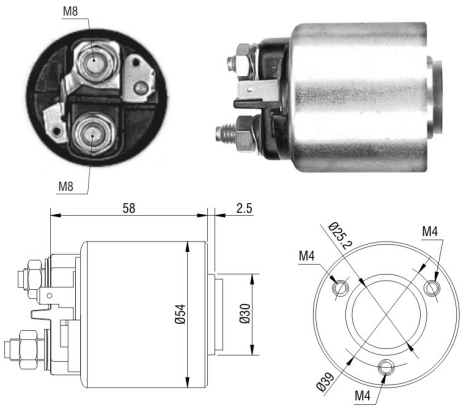


ZM 490 12v CAP ZM 490.91

APLICAÇÃO */ USED ON:*
CITROËN: 2 CV, AX, Acadiane, Ami, Dyane, Mehari, Saxo, Xsara. PEUGEOT: 106.

MOTOR DE PARTIDA */ STARTER:*
PARIS RHONE: D7R1, D7R3. VALEO: D6RA100, D6RA43, D7R1, D7R11, D7R15, D7R151, D7R3

SUBSTITUI */ REPLACE:*
PARIS RHONE: 594118, 594140, 594426. VALEO: 594118, 594140, 594426.

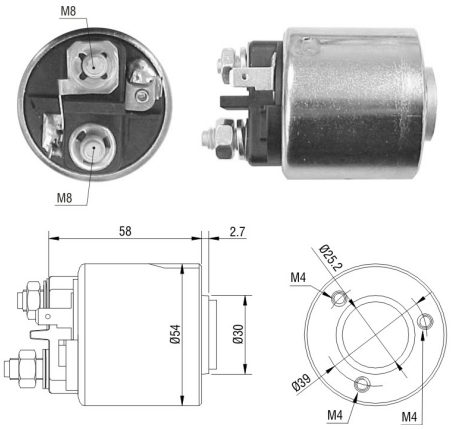


ZM 491 12v CAP ZM 597.91

APLICAÇÃO */ USED ON:*
CITROËN: AX, BX, Berlingo, C15, Saxo, Xsara, ZX. PEUGEOT: 106, 205, 206, 306, 309, 405, Partner.

MOTOR DE PARTIDA */ STARTER:*
VALEO: D6RA10, D6RA13, D6RA15, D6RA20, D6RA42, D6RA5, D6RA7

SUBSTITUI */ REPLACE:*
BOSCH: F.042.010.371. PARIS RHONE: 594045, CED552, NE777. VALEO: 594045, CED552, NE777.

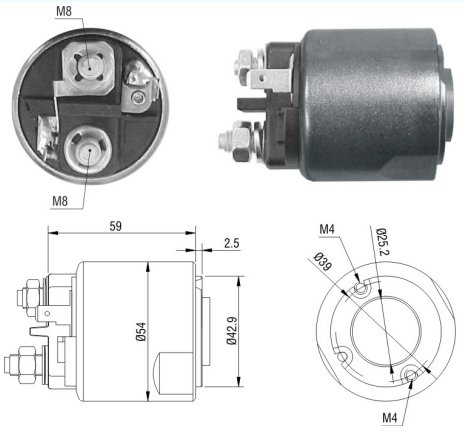


ZM 1-491 12v CAP ZM 597.91

APLICAÇÃO */ USED ON:*
RENAULT: Clio, Espace, Kangoo, Laguna, Megane, R11, R19, R21, R9, Rapid, Scénic, Super, Trafic.

MOTOR DE PARTIDA */ STARTER:*
PARIS RHONE: 432622, 432631, D6RA133, D6RA141, D6RA33, D6RA41, D6RA45, D6RA53, D6RA63. RENAULT: 7700100647, 7700870951. VALEO: 432622, 432631, 432638, 432670, D6RA133, D6RA141, D6RA33, D6RA41, D6RA45, D6RA53, D6RA63

SUBSTITUI */ REPLACE:*
PARIS RHONE: 594208. VALEO: 594208.

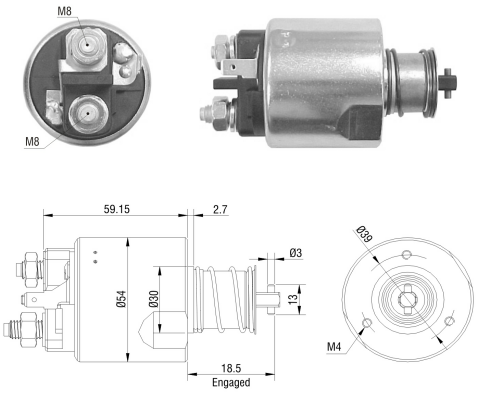


ZM 2-491 12v CAP ZM 597.91

APLICAÇÃO */ USED ON:*
RENAULT: Clio, Kangoo, Megane, R19, Scénic, Thalia.

MOTOR DE PARTIDA */ STARTER:*
PARIS RHONE: 438081, D7E15, D7E20. RENAULT: 7700274303. VALEO: 438081, D7E15, D7E20

SUBSTITUI */ REPLACE:*
PARIS RHONE: 594407. VALEO: 438081, 594407.

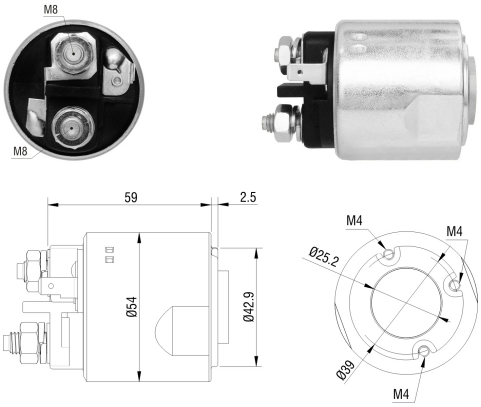


ZM 3-491 12v CAP ZM 597.91

APLICAÇÃO */ USED ON:*
VOLVO: S40.

MOTOR DE PARTIDA */ STARTER:*
PARIS RHONE: 438096, 455972, D7R48. RENAULT: 7711134793. VALEO: 438096, 455972, D7R48. VOLVO: 3061819, 3062065

SUBSTITUI */ REPLACE:*
PARIS RHONE: 594431. VALEO: 594431.

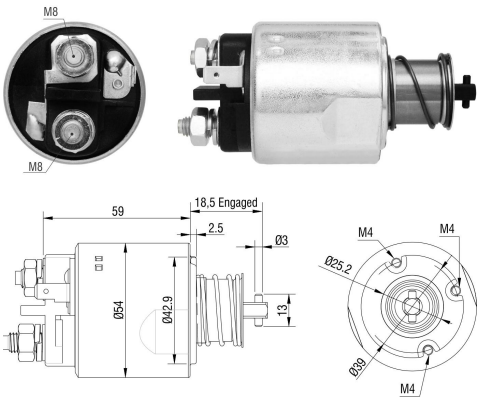


ZM 4-491 12v CAP ZM 597.91

APLICAÇÃO / *USED ON:*
HYUNDAI: HR. KIA MOTORS: Bongo K2500.

MOTOR DE PARTIDA / *STARTER:*
VALEO: 3610042350, 36100DSL42350, TM000A36101

SUBSTITUI / *REPLACE:*

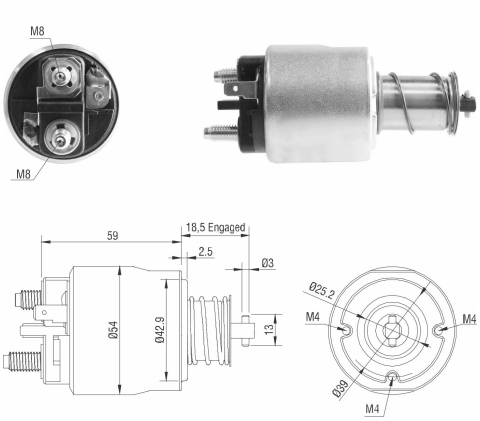


ZM 5-491 12v CAP ZM 597.91

APLICAÇÃO / *USED ON:*
HYUNDAI: HR. KIA MOTORS: Bongo K2500.

MOTOR DE PARTIDA / *STARTER:*
VALEO: 3610042350, 36100DSL42350, TM000A36101

SUBSTITUI / *REPLACE:*

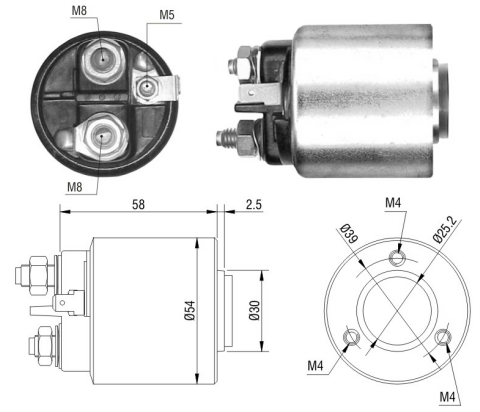


ZM 6-491 12v CAP ZM 597.91

APLICAÇÃO / *USED ON:*
GM-CHEVROLET: N200, N300, N300P.

MOTOR DE PARTIDA / *STARTER:*
GM-CHEVROLET: 24518889

SUBSTITUI / *REPLACE:*

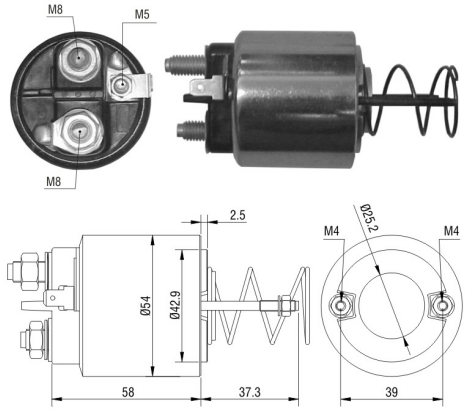


ZM 492 12v CAP ZM 492.96

APLICAÇÃO / *USED ON:*
CITROËN: BX. DEUTZ: Welding Machines. LOMBARDINI: Lombardini Diesel. PEUGEOT: 305, 405.

MOTOR DE PARTIDA / *STARTER:*
VALEO: D6RA17, D6RA18, D6RA19, D6RA22, D6RA23, D6RA27, D6RA29, D6RA34, D6RA44, D6RA50, D6RA52, D6RA54, D6RA60, D6RA64, D6RA8

SUBSTITUI / *REPLACE:*
VALEO: 594087, NE-815.

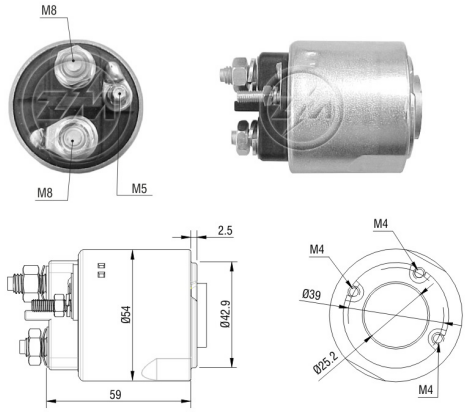


ZM 1-492 12v CAP ZM 492.96

APLICAÇÃO */ USED ON:*
CITROËN: C25. FIAT: Ducato, Talento. PEUGEOT: 404, 504, 505, J 5.

MOTOR DE PARTIDA */ STARTER:*
PARIS RHONE: D9E36, D9E54. VALEO: D9E36, D9E54

SUBSTITUI */ REPLACE:*
PARIS RHONE: 182464, CED518. VALEO: 182464, CED518.

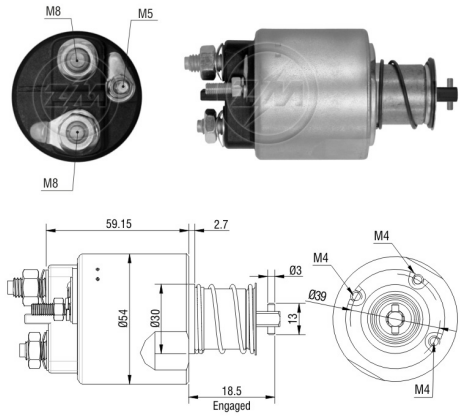


ZM 2-492 12v CAP ZM 2-492.91

APLICAÇÃO */ USED ON:*
PEUGEOT: 206. RENAULT: Clio, Kangoo.

MOTOR DE PARTIDA */ STARTER:*
PEUGEOT: 9641649480. VALEO: 190580, 438182, D7E24

SUBSTITUI */ REPLACE:*
VALEO: 494815.

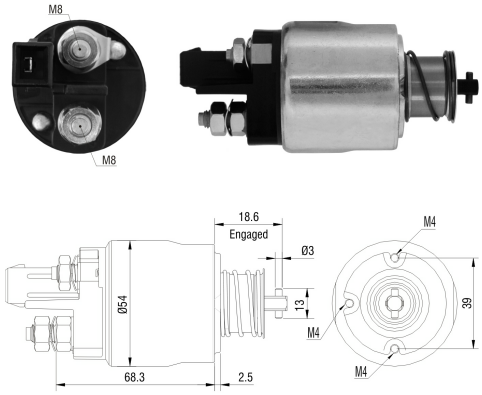


ZM 3-492 12v CAP ZM 2-492.91

APLICAÇÃO */ USED ON:*
PEUGEOT: 206. RENAULT: Clio, Kangoo.

MOTOR DE PARTIDA */ STARTER:*
VALEO: 438182, 9641649480, D7E24

SUBSTITUI */ REPLACE:*
VALEO: 494815.

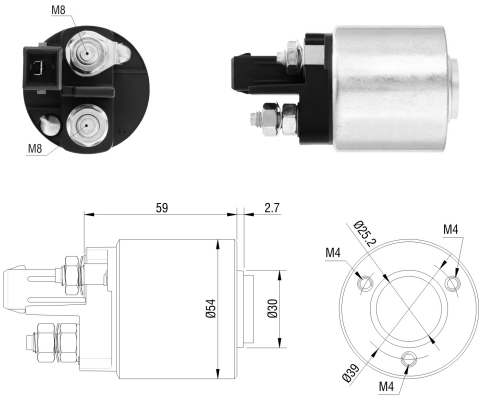


ZM 4-492 12v CAP ZM 4-492.91

APLICAÇÃO */ USED ON:*
SKODA: Fabia. VOLKSWAGEN: Fox, Gol, Golf, Polo, Polo Sedan, SpaceFox.

MOTOR DE PARTIDA */ STARTER:*
VALEO: 438179, 501731, D7ES6, TSC10R7. VOLKSWAGEN: 02T-A11-023-Q, 02TA11023Q

SUBSTITUI */ REPLACE:*
VALEO: 494809.



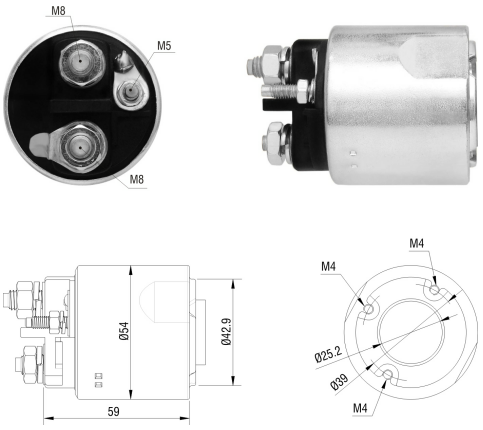
ZM 5-492 12v

CAP ZM 4-492.91

APLICAÇÃO / *USED ON:*
SKODA: Octavia. VOLKSWAGEN: Beetle, Bora, Corrado, Golf, Jetta, Passat, Polo, Sharan.

MOTOR DE PARTIDA / *STARTER:*
VALEO: D7RS29, D7RS30

SUBSTITUI / *REPLACE:*
VALEO: 594391.



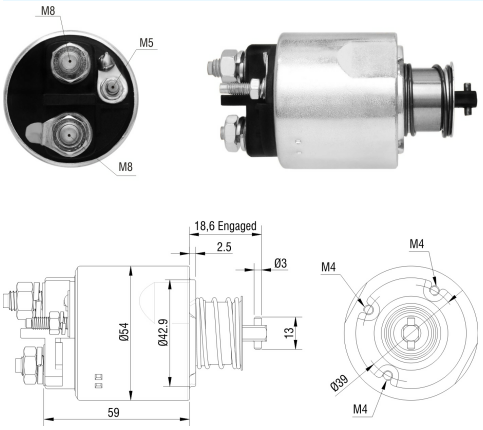
ZM 6-492 12v

CAP ZM 1-492.91

APLICAÇÃO / *USED ON:*
DACIA: Duster, Logan. NISSAN: Kubistar. RENAULT: Clio, Kangoo, Laguna, Logan, Megane, Sandero, Scénic.

MOTOR DE PARTIDA / *STARTER:*
NISSAN: 23300-1105R. RENAULT: 8200049826. VALEO: 438110, D7E19, FS10B3, TS10E4. ZM: 80.201.10

SUBSTITUI / *REPLACE:*
VALEO: 594438.



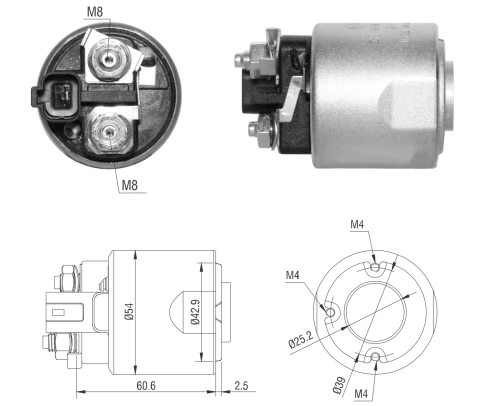
ZM 7-492 12v

CAP ZM 1-492.91

APLICAÇÃO / *USED ON:*
DACIA: Duster, Logan. NISSAN: Kubistar. RENAULT: Clio, Kangoo, Laguna, Logan, Megane, Sandero, Scénic.

MOTOR DE PARTIDA / *STARTER:*
RENAULT: 8200049826. VALEO: 438110, D7E19, TS10E4

SUBSTITUI / *REPLACE:*
VALEO: 594438.

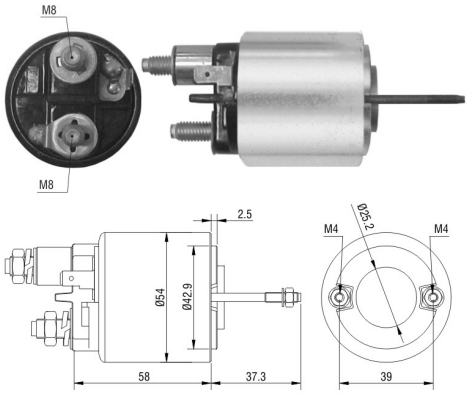


ZM 8-492 12v

APLICAÇÃO / *USED ON:*
HYUNDAI: Santa Fé, Sonata. KIA MOTORS: Optima, Sorento.

MOTOR DE PARTIDA / *STARTER:*
HYUNDAI: 36100-2G100. KIA: 36100-2G100. VALEO: 1195632, FS14N1

SUBSTITUI / *REPLACE:*
VALEO: 1198988.



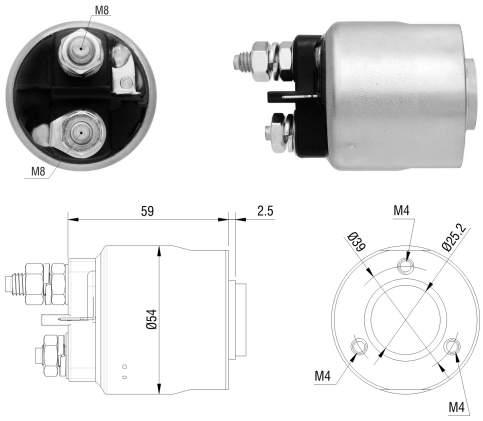
ZM 493 12v

CAP ZM 493.91

APLICAÇÃO */ USED ON:*
SUZUKI: 1100. TALBOT: 1307, 1308, 1510, Horizon, Matra, Solara, Tagora.

MOTOR DE PARTIDA */ STARTER:*
PARIS RHONE: D9E31, D9E32, D9E43, D9E44, D9E82, D9E83. VALEO: D9E131, D9E132, D9E31, D9E32, D9E43, D9E44, D9E82, D9E83

SUBSTITUI */ REPLACE:*
PARIS RHONE: 099378, CED517. VALEO: 099378, 594142, CED517.

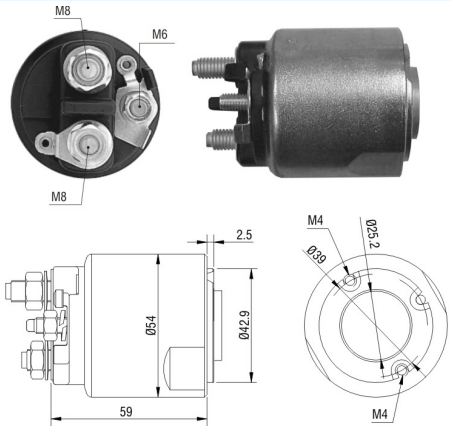


ZM 1-493 12v

APLICAÇÃO */ USED ON:*
SEAT: Ibiza. VOLKSWAGEN: California, Caravelle, Multivan, Transporter.

MOTOR DE PARTIDA */ STARTER:*
VALEO: D7RS31

SUBSTITUI */ REPLACE:*
VALEO: 594392.



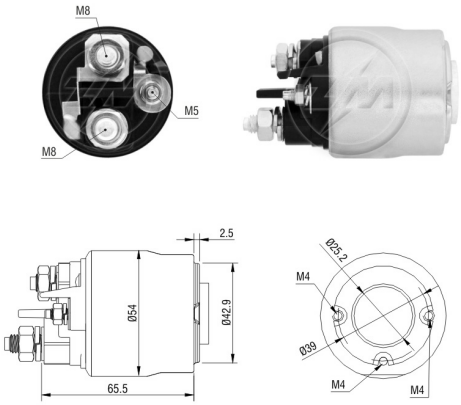
ZM 494 12v

CAP ZM 494.91

APLICAÇÃO */ USED ON:*
GM-CHEVROLET: Celta, Corsa, Novo Corsa.

MOTOR DE PARTIDA */ STARTER:*
GM: 93264950. PARIS RHONE: 432626, 438126, 438127, BD7E37. VALEO: 432626, 438126, 438127, BD7E17, BD7E37

SUBSTITUI */ REPLACE:*
PARIS RHONE: 494806. VALEO: 494806.



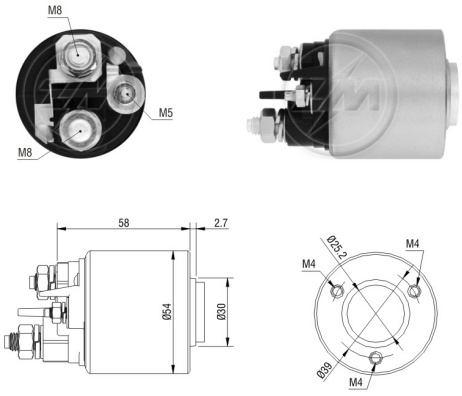
ZM 2-494 12v

CAP ZM 2-494.91

APLICAÇÃO */ USED ON:*
CITROËN: Berlingo, C3, Xsara. PEUGEOT: 206, 307, Partner, Ranch. RENAULT: Clio, Kangoo.

MOTOR DE PARTIDA */ STARTER:*
CITROËN: 9648644680. PEUGEOT: 9618725080, 9648644680. PSA: 9648644680. VALEO: 438093, 438129, D6G3, D7E16, D7E23, D7E5

SUBSTITUI */ REPLACE:*
VALEO: 594348.



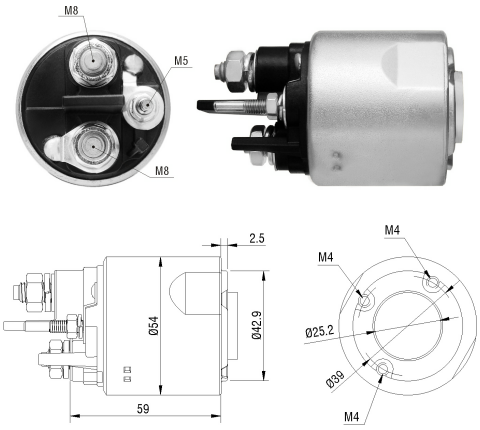
ZM 3-494 12v

CAP ZM 2-494.91

APLICAÇÃO */ USED ON:*
CITROËN: Berlingo, Saxo, ZX. PEUGEOT: 106, 306, 405, Partner, Ranch.

MOTOR DE PARTIDA */ STARTER:*
VALEO: 432623, D6RA572

SUBSTITUI */ REPLACE:*
VALEO: 594365.



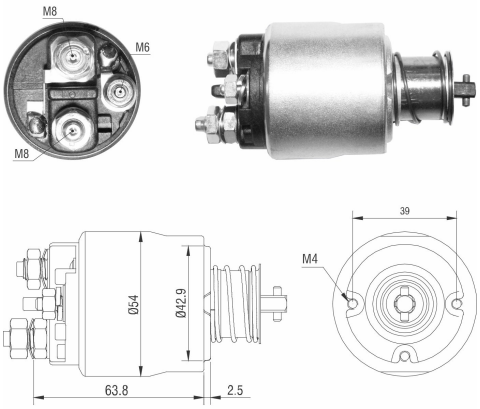
ZM 4-494 12v

CAP ZM 4-494.91

APLICAÇÃO */ USED ON:*
DACIA: Logan. RENAULT: Clio, Kangoo, Megane, Modus.

MOTOR DE PARTIDA */ STARTER:*
NISSAN: 233003329R. RENAULT: 7711135334, 82006242588, 8200624258B, 8200836473, 8200836473B. VALEO: 438224, 458388, D7E27, D7E47, D7E48, FS10E3, TS10E3, TS12E9

SUBSTITUI */ REPLACE:*
VALEO: 594610.

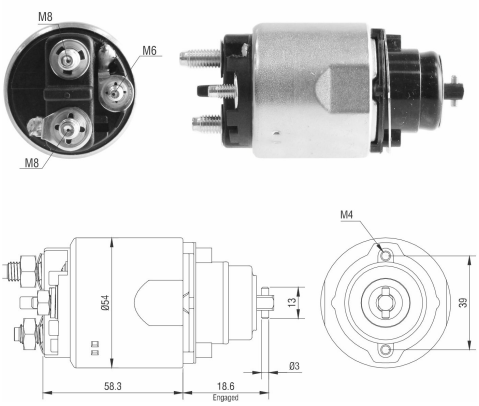


ZM 6-494 12v

APLICAÇÃO */ USED ON:*
GM-CHEVROLET: Aveo, Sail, Sonic.

MOTOR DE PARTIDA */ STARTER:*
GM: 9025295. VALEO: D6G9, TS14E15

SUBSTITUI */ REPLACE:*

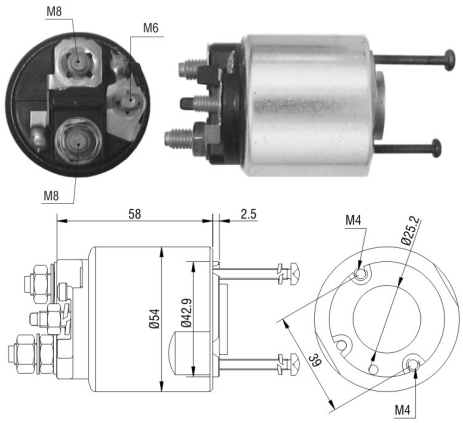


ZM 7-494 12v

APLICAÇÃO */ USED ON:*
GM-CHEVROLET: Colorado, S10, Trailblazer.

MOTOR DE PARTIDA */ STARTER:*
GM: 55564374. GM-CHEVROLET: 55564374. OPEL: 55564374. VALEO: 458446, TS22E20. VAUXHALL: 55564374

SUBSTITUI */ REPLACE:*



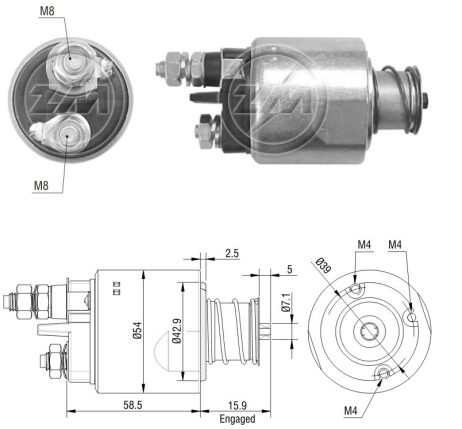
ZM 495 12v

CAP ZM 495.91

APLICAÇÃO / *USED ON:*
MERCEDES-BENZ: A-Class.

MOTOR DE PARTIDA / *STARTER:*
BOSCH: 0986018570, 0986018571, F009AL0101. MERCEDES-BENZ: 0041518501, 0051511101, 0051512101, 0051514701, 0061510301, A0041518501, A0051511101, A0051512101, A0061510301. PARIS RHONE: D7E4, D7E8. VALEO: D6RA83, D7E18, D7E38, D7E4, D7E8

SUBSTITUI / *REPLACE:*
PARIS RHONE: 594347, CED5033. VALEO: 594347, CED5033.



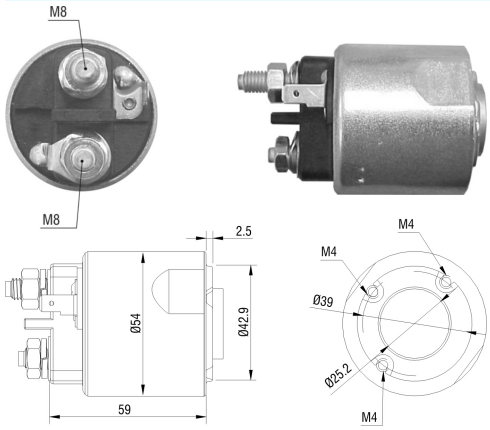
ZM 1-495 12v

CAP ZM 1-495.91

APLICAÇÃO / *USED ON:*
FIAT: Doblò, Idea, Panda, Punto. GM-OPEL: Agila, Astra, Combo, Corsa, Tigra. GM-VAUXHALL: Astra, Corsa, Corsavan, Tigra. LANCIA: Musa, Ypsilon.

MOTOR DE PARTIDA / *STARTER:*
FIAT: 46823548, 518102660, 51880229, 55204116, 71724236. LANCIA: 46823548. VALEO: 438168, 458191, D6G1, D6G32, D6G321

SUBSTITUI / *REPLACE:*
VALEO: 594646.



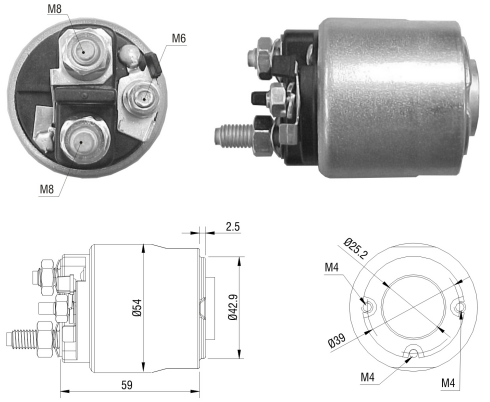
ZM 2-495 12v

CAP ZM 2-495.91

APLICAÇÃO / *USED ON:*
RENAULT: Megane, Scénic.

MOTOR DE PARTIDA / *STARTER:*
VALEO: 438128, D7E11

SUBSTITUI / *REPLACE:*
VALEO: 494803.



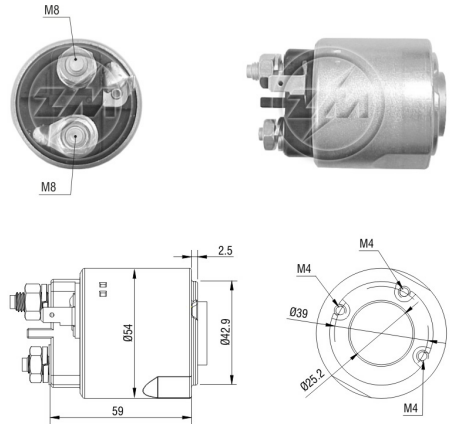
ZM 3-495 12v

CAP ZM 3-495.91

APLICAÇÃO / *USED ON:*
FIAT: Palio, Siena, Strada. GM-CHEVROLET: Astra, Corsa, Meriva.

MOTOR DE PARTIDA / *STARTER:*
VALEO: 438143, 438185, BD7E44, D7E36

SUBSTITUI / *REPLACE:*
VALEO: 494822.



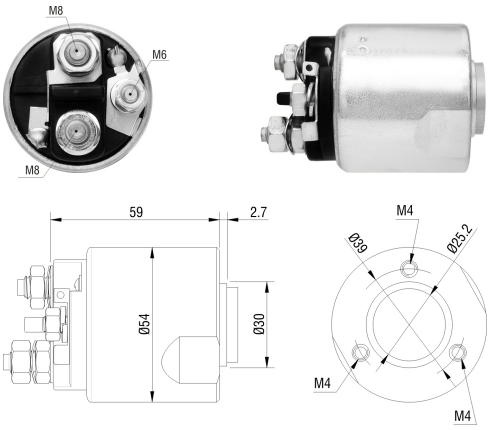
ZM 4-495 12v

CAP ZM 595.91

APLICAÇÃO */ USED ON:*
FIAT: 147, Duna, Elba, Fiorino, Oggi, Panorama, Pick-up, Prêmio, Spazio, Uno. RENAULT: Clio, Kangoo, Modus, Twingo.

MOTOR DE PARTIDA */ STARTER:*
RENAULT: 7700864608, 7700867838. VALEO: 432685, 438142, D7E1, D7E35

SUBSTITUI */ REPLACE:*
VALEO: 594288.

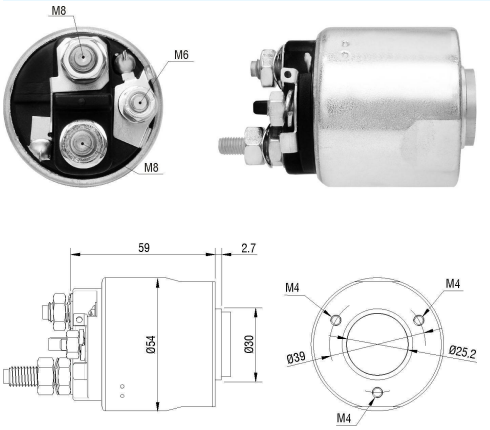


ZM 5-495 12v

APLICAÇÃO */ USED ON:*
MERCEDES-BENZ: A-Class.

MOTOR DE PARTIDA */ STARTER:*
MERCEDES-BENZ: 0 041 518 501, 0 051 511 101, 0 051 512 101, A 0 041 518 501, A 0 051 511 101, A 0 051 512 101. VALEO: 455949, D6RA83

SUBSTITUI */ REPLACE:*
VALEO: 594401.

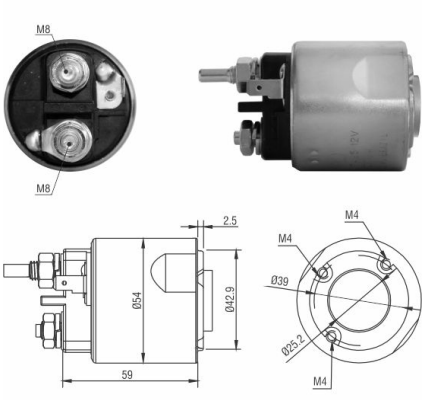


ZM 6-495 12v

APLICAÇÃO */ USED ON:*
HONDA: Accord.

MOTOR DE PARTIDA */ STARTER:*
HONDA: 31 200-PDA-E020, 31 200-PGA-E30M5, 31200-PDA-E03, 31200-PDA-E030, 31200-PDA-S010. VALEO: D6RA81, DSJ1216

SUBSTITUI */ REPLACE:*
VALEO: 594362.

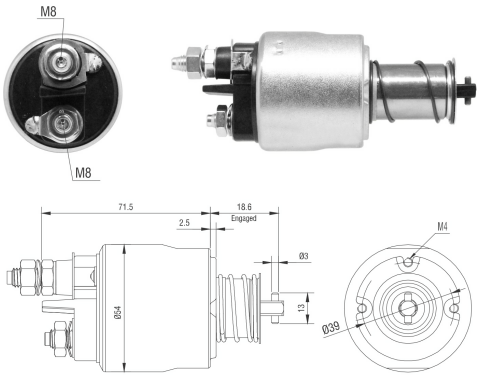


ZM 7-495 12v

APLICAÇÃO */ USED ON:*
RENAULT: Clio, Kangoo, Laguna, Megane, Scénic, Thalia.

MOTOR DE PARTIDA */ STARTER:*
RENAULT: 6025008446, 7700104674, 7700105119, 7711134530, 8200049826, 8200082782. VALEO: D7E22, D7E26, D7E6, TS10E4

SUBSTITUI */ REPLACE:*
VALEO: 594355.

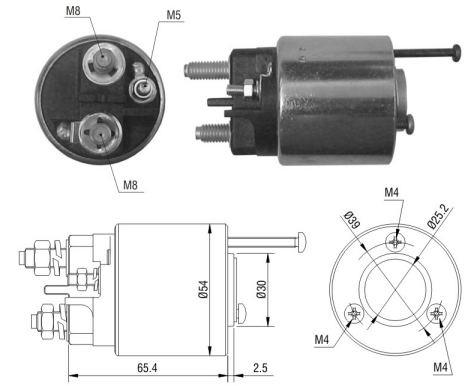


ZM 8-495 12v

APLICAÇÃO / *USED ON:*
ALFA ROMEO: Mito. FIAT: 500, Albea, Bravo, Doblò, Fiorino, Idea, Linea, Panda, Punto, Qubo, Siena, Stilo, Tipo. FORD: Ka. LANCIA: Delta, Musa, Ypsilon.

MOTOR DE PARTIDA / *STARTER:*
FIAT: 46813068. VALEO: 190825, 438144, 458102, D7E52

SUBSTITUI / *REPLACE:*
VALEO: 594459.



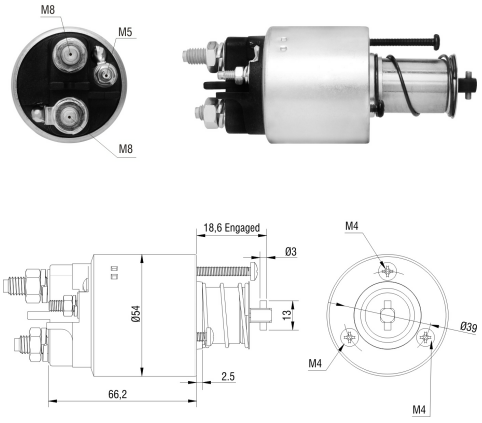
Note: For solenoid with plunger use ZM 1-496.
Nota: Para o solenóide com êmbolo utilizar ZM 1-496.

ZM 496 12v CAP ZM 496.91

APLICAÇÃO / *USED ON:*
CITROËN: Xantia, Xsara, ZX. JPX: Jeep. PEUGEOT: 306, 405, 406.

MOTOR DE PARTIDA / *STARTER:*
VALEO: 432636, D6RA12, D6RA16, D6RA161, D6RA38, D6RA66, D6RA661, D6RA72, D6RA721, D6RA74

SUBSTITUI / *REPLACE:*
BOSCH: F.042.010.373. VALEO: 594048, 594183, NE-898.

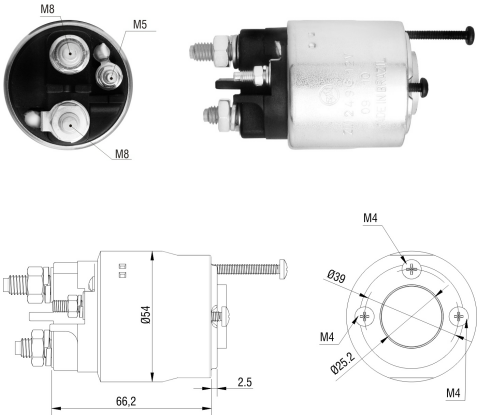


ZM 1-496 12v CAP ZM 496.91

APLICAÇÃO / *USED ON:*
CITROËN: Xantia, Xsara, ZX. JPX: Jeep. PEUGEOT: 306, 405, 406.

MOTOR DE PARTIDA / *STARTER:*
VALEO: D6RA33, D6RA46, D6RA56, D6RA6, D6RA61, D6RA73, D7R53

SUBSTITUI / *REPLACE:*
VALEO: 594183, NE-898.

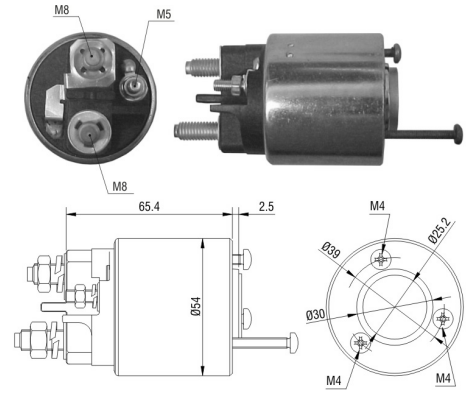


ZM 2-496 12v CAP ZM 496.91

APLICAÇÃO / *USED ON:*
GM-OPEL: Movano, Vivaro. GM-VAUXHALL: Movano, Vivaro. NISSAN: Interstar, Primastar. RENAULT: Avantime, Espace, Laguna, Master, Trafic, Vel Satis.

MOTOR DE PARTIDA / *STARTER:*
VALEO: C194252A, D7G11

SUBSTITUI / *REPLACE:*
VALEO: 594658.



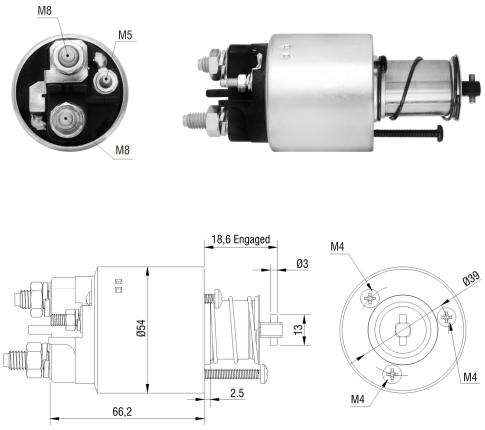
Note: For solenoid with plunger use ZM 1-497.
Nota: Para o solenóide com êmbolo utilizar ZM 1-497.

ZM 497 12v CAP ZM 497.91

APLICAÇÃO */ USED ON:*
CITROËN: Berlingo, C1, C2, C25, C3, C4, C5, Jumpy, Nemo, Xantia, Xsara, ZX. FIAT: Scudo. PEUGEOT: 206, 207, 306, 307, 308, 405, 407, Bipper, Partner.

MOTOR DE PARTIDA */ STARTER:*
VALEO: 432633, D6RA110, D6RA37, D6RA51, D6RA511, D6RA57, D6RA571

SUBSTITUI */ REPLACE:*
PARIS RHONE: CED5010, CED5083. VALEO: 594181, 594449.

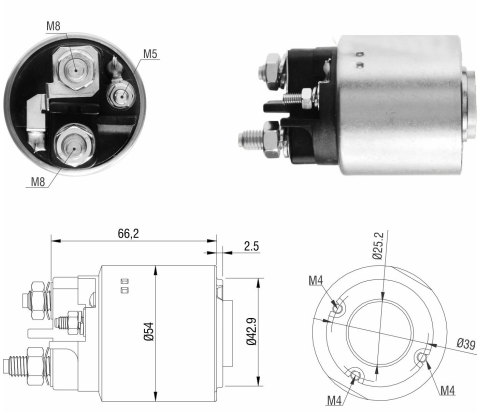


ZM 1-497 12v CAP ZM 497.91

APLICAÇÃO */ USED ON:*
CITROËN: Xantia, ZX. PEUGEOT: 306, 405.

MOTOR DE PARTIDA */ STARTER:*
VALEO: 432633, D6RA110, D6RA37, D6RA50, D6RA51, D6RA511, D6RA57, D6RA571

SUBSTITUI */ REPLACE:*
PARIS RHONE: CED5010, CED5083. VALEO: 594181, 594449.

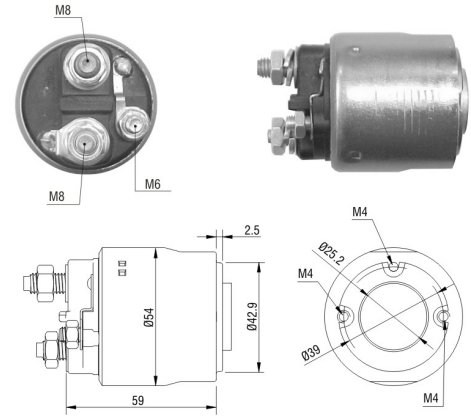


ZM 3-497 12v

APLICAÇÃO */ USED ON:*
CITROËN: Berlingo, C1, C2, C3, C4, Jumpy, Nemo, Xsara. PEUGEOT: 1007, 107, 206, 207, 307, 308, 407, Bipper, Expert, Partner. TOYOTA: Aygo.

MOTOR DE PARTIDA */ STARTER:*
PEUGEOT: 5802AZ, 5802FG, 5802FH, 5802FP, 5802Y5, 9688268480. TOYOTA: 28100-YV010. VALEO: 438133, D7G3, TS14E110

SUBSTITUI */ REPLACE:*
VALEO: 594632, 595731.

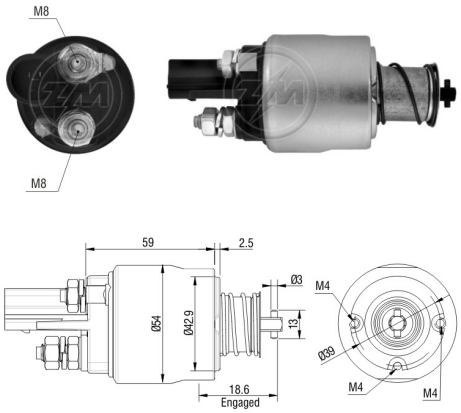


ZM 498 12v CAP ZM 498.91

APLICAÇÃO */ USED ON:*
FORD: Courier, Ecosport, Escort, Fiesta, Focus, Ka, Novo Fiesta.

MOTOR DE PARTIDA */ STARTER:*
FORD: 5S65-11000-AA, 7S55-11000-AA, 7S55-11000-AB. VALEO: 438153, 438180, 438181, D7E33, D7E34, D7E37, D7E43, D7E45, FS10B1

SUBSTITUI */ REPLACE:*
FORD: BG3A-11391-AA. VALEO: 494813.



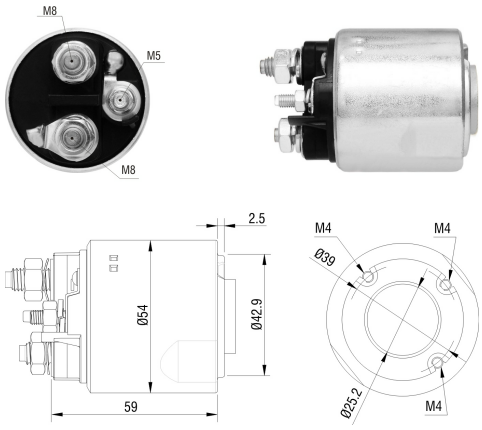
ZM 1-498 12v

CAP ZM 1-498.91

APLICAÇÃO */ USED ON:*
AUDI: A1, A3, TT. SEAT: Altea, Cordoba, Ibiza, Leon, Toledo. SKODA: Fabia, Octavia, Roomster, SuperB, Yeti. VOLKSWAGEN: Golf, Jetta, Passat, Polo, Scirocco, Tiguan, Touran.

MOTOR DE PARTIDA */ STARTER:*
AUDI: 02T911023R, 02T911023S. SKODA: 02T911023R, 02T911023S. VAG: 02T911023R, 02T911023S. VALEO: 191429, 436174, 458214, 458216, D6GS11, D6GS12, D6GS13, D6GS14, D7GS9. VOLKSWAGEN: 02M 911 023 G, 02M 911 023G, 02M 911 023GX, 02M 911 023M, 02M 911 023MX, 02T911023R, 02T911023S

SUBSTITUI */ REPLACE:*
VALEO: 594743.



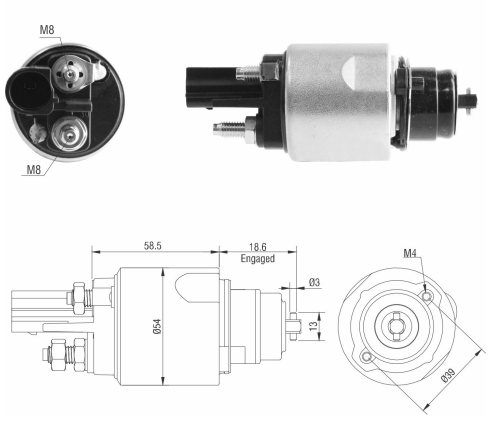
ZM 2-498 12v

CAP ZM 2-498.91

APLICAÇÃO */ USED ON:*
DACIA: Logan. NISSAN: Kubistar, March. RENAULT: Clio, Logan, Sandero, Symbol, Thalia, Twingo.

MOTOR DE PARTIDA */ STARTER:*
NISSAN: 23300-00QAY. RENAULT: 7701499651, 8200369521. VALEO: 455722, D7E39, TS8E6. ZM: 80.201.09

SUBSTITUI */ REPLACE:*
VALEO: 501793, D7E39CM.



ZM 3-498 12v

APLICAÇÃO */ USED ON:*
VOLKSWAGEN: Amarok, Crafter.

MOTOR DE PARTIDA */ STARTER:*
VALEO: TS22ER12, TS22ER13, VA458411. VOLKSWAGEN: 2H0 911 023, 2H0 911 023A, 2H0 911 023AX, 2H0 911 023F

SUBSTITUI */ REPLACE:*

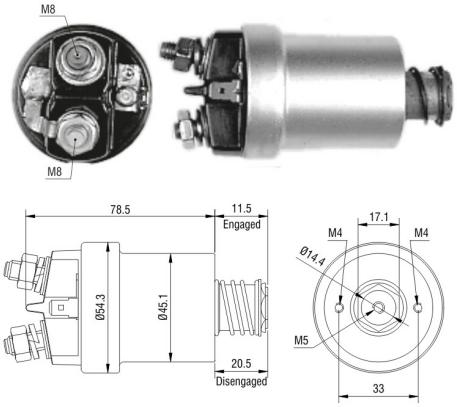
FOTO NÃO DISPONÍVEL

ZM 4-498 12v

APLICAÇÃO */ USED ON:*
HYUNDAI: H-1, Satellite.

MOTOR DE PARTIDA */ STARTER:*
HYUNDAI: 36100-4A020, 36100-4A025. KIA: 36100-4A020, 36100-4A025. VALEO: 361004A020

SUBSTITUI */ REPLACE:*



ZM 560 12v

CAP ZM 560.91

APLICAÇÃO */ USED ON:*

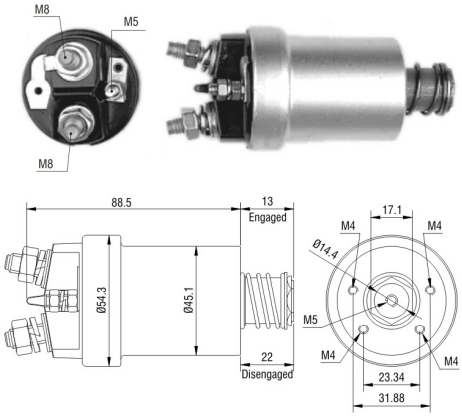
PEUGEOT: 404.

MOTOR DE PARTIDA */ STARTER:*

DUCELLIER: 6020E, 6020F, 6035E, 6035F, 6081E, 6081F, 6189A, 6189B, 6189C, 6189D, 6212A, 6212B, 6241A, 6241B

SUBSTITUI */ REPLACE:*

DUCELLIER: 606893, 680559, 680560, 680566. VALEO: NE355, NE361.



ZM 561 12v

CAP ZM 561.91

APLICAÇÃO */ USED ON:*

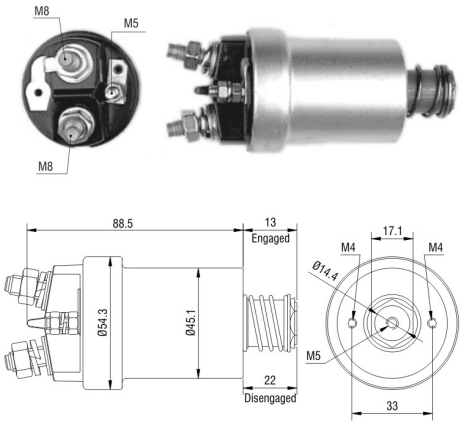
CITROËN: BX, C15, LNA, Visa. PEUGEOT: 104, 205. RENAULT: Estafette, Fuego, R14, R18, R20, R4. TALBOT: Samba.

MOTOR DE PARTIDA */ STARTER:*

DUCELLIER: 6183, 6187, 6203, 6216, 6220, 6231

SUBSTITUI */ REPLACE:*

DUCELLIER: 583079.



ZM 1-561 12v

CAP ZM 561.91

APLICAÇÃO */ USED ON:*

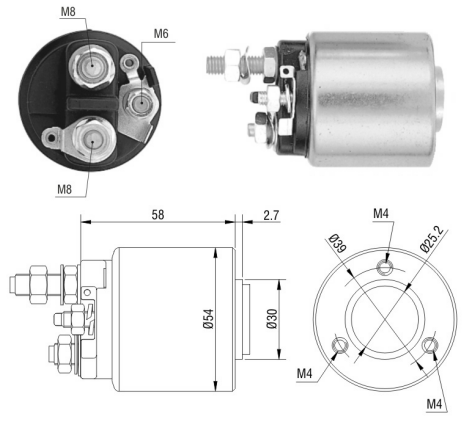
CITROËN: Ami, Axel 11, GS.

MOTOR DE PARTIDA */ STARTER:*

DUCELLIER: 532016A, 532016B, 6217A, 6217B, 6217C, 6217D, 6217E, 6217F, 6217G, 6217H

SUBSTITUI */ REPLACE:*

DUCELLIER: 682244.



ZM 590 12v

CAP ZM 590.91

APLICAÇÃO */ USED ON:*

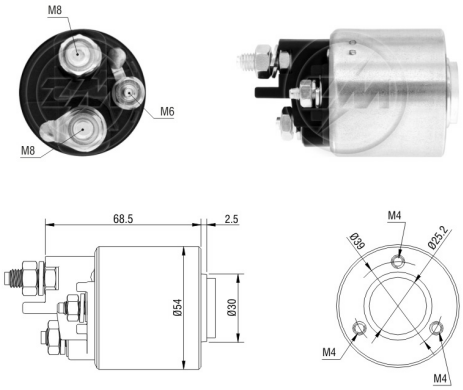
DAEWOO: Korando, Musso. MERCEDES-BENZ: 190 (W201), C-Class, E-Class, S-Class, Sprinter, Vito, W124. SAME: Saturno. SSANGYONG: Korando, Musso.

MOTOR DE PARTIDA */ STARTER:*

DELCO REMY: 21023232, 21023719, 21023994, 21024210. VALEO: D6RA132, D6RA165, D6RA185, D6RA65, D6RA84, D6RA85, D7R19, D7R28

SUBSTITUI */ REPLACE:*

VALEO: 502326.

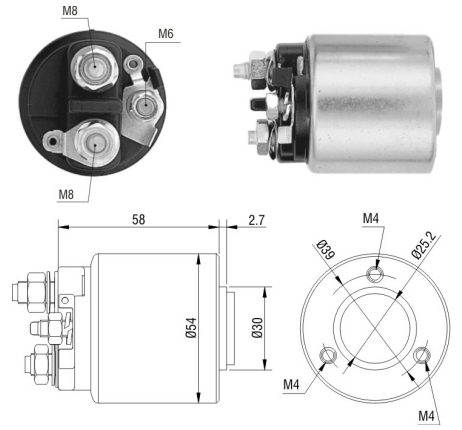


ZM 1-590 12v CAP ZM 1-590.91

APLICAÇÃO / *USED ON:*
MERCEDES-BENZ: C-Class, E-Class, Sprinter, V-Class, Vito.

MOTOR DE PARTIDA / *STARTER:*
MERCEDES-BENZ: 0 051 511 301. VALEO: 432644, 455720, D7R43, D7R46

SUBSTITUI / *REPLACE:*
VALEO: 594704.

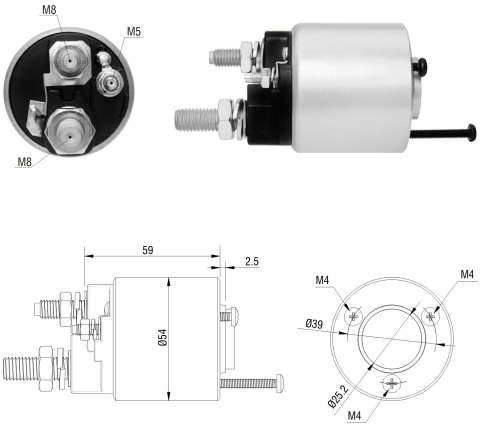


ZM 591 12v CAP ZM 591.91

APLICAÇÃO / *USED ON:*
GM-CHEVROLET: Corsa, Tigra.

MOTOR DE PARTIDA / *STARTER:*
GM: 09130838, 90341777, 93171936. VALEO: D6RA162

SUBSTITUI / *REPLACE:*
BOSCH: F.042.010.365. GM: 90421722.

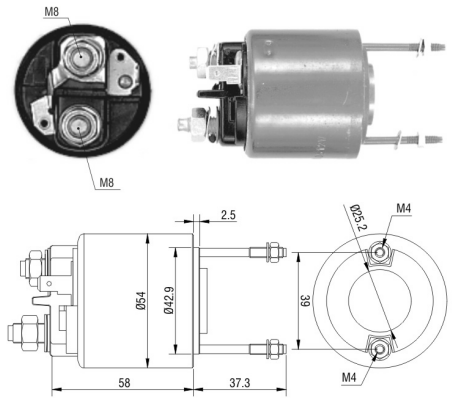


ZM 1-591 12v CAP ZM 1-591.91

APLICAÇÃO / *USED ON:*
JOHN DEERE: Tractor, Trator.

MOTOR DE PARTIDA / *STARTER:*
VALEO: 187031, 438012, 455735, D7R14

SUBSTITUI / *REPLACE:*
VALEO: 594309.

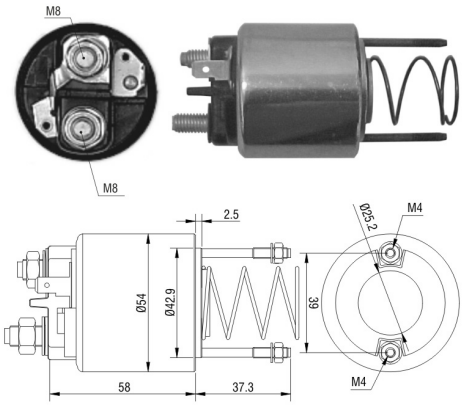


ZM 592 12v CAP ZM 597.91

APLICAÇÃO / *USED ON:*
RENAULT: R4, R5, Trafic.

MOTOR DE PARTIDA / *STARTER:*
PARIS RHONE: D9E78, D9E79. VALEO: D9E78, D9E79

SUBSTITUI / *REPLACE:*
PARIS RHONE: 104594, CED541, NE159. VALEO: 104594, CED541, NE159.

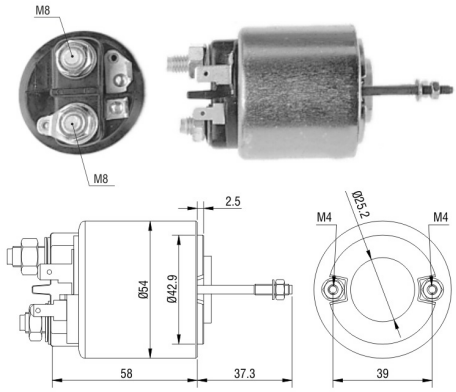


ZM 1-592 12v CAP ZM 597.91

APLICAÇÃO / *USED ON:*
CITROËN: C25, CX. PEUGEOT: J 5.

MOTOR DE PARTIDA / *STARTER:*
PARIS RHONE: D9R90, D9R96, D9R97. VALEO: D9R90, D9R96, D9R97

SUBSTITUI / *REPLACE:*
PARIS RHONE: 181404, CED550. VALEO: 181404, CED550.

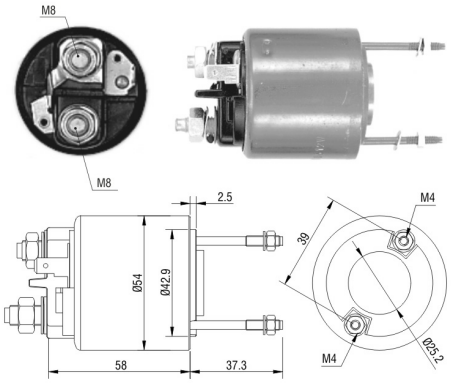


ZM 593 12v CAP ZM 593.91

APLICAÇÃO / *USED ON:*
RENAULT: Alpine V6, Espace, R25, R30.

MOTOR DE PARTIDA / *STARTER:*
PARIS RHONE: D10E81, D10E87, D9E100, D9E81, D9E87, D9E95. VALEO: D9E95

SUBSTITUI / *REPLACE:*
PARIS RHONE: 105254, 182462, CED543. VALEO: NE134, NE140.

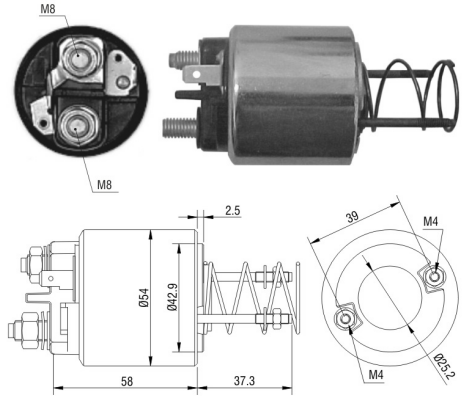


ZM 594 12v CAP ZM 597.91

APLICAÇÃO / *USED ON:*
RENAULT: 440, 460, 480, Clio, Express, R11, R19, R9, Trafic.

MOTOR DE PARTIDA / *STARTER:*
PARIS RHONE: D10E85, D10E92, D10E921, D9E112, D9E39, D9E52, D9E771, D9E772. VALEO: D9E772

SUBSTITUI / *REPLACE:*
PARIS RHONE: 106142, 106143. VALEO: 106143.

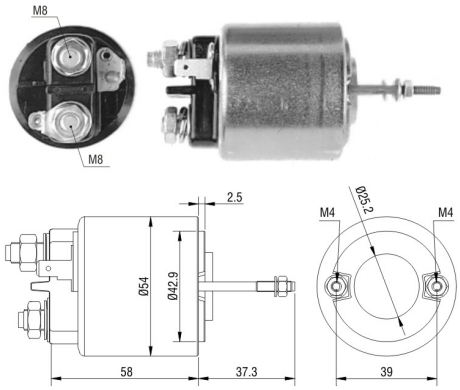


ZM 1-594 12v CAP ZM 597.91

APLICAÇÃO / *USED ON:*
RENAULT: R11, Twingo.

MOTOR DE PARTIDA / *STARTER:*
PARIS RHONE: D9E76, D9E77. VALEO: D9E76, D9E77

SUBSTITUI / *REPLACE:*
PARIS RHONE: 104604, CED540. VALEO: 104604, CED540.

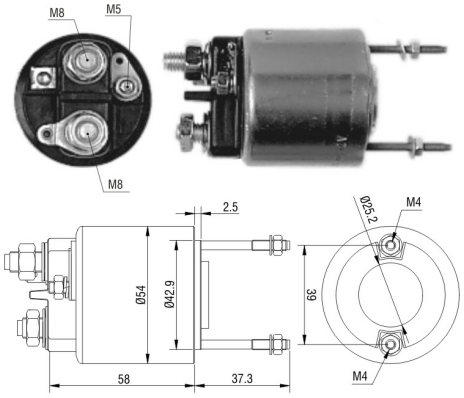


ZM 595 12v — CAP ZM 595.91

APLICAÇÃO */ USED ON:*
PEUGEOT: J 7, J 9. RENAULT: Fuego, R18, R5. VOLVO: 340, 343.

MOTOR DE PARTIDA */ STARTER:*
PARIS RHONE: D9E38, D9E48, D9E49, D9E50, D9E51, D9E61, D9E62, D9E66. VALEO: D9E66

SUBSTITUI */ REPLACE:*
BOSCH: F.042.010.366. PARIS RHONE: 102217, CED528. VALEO: CED528.

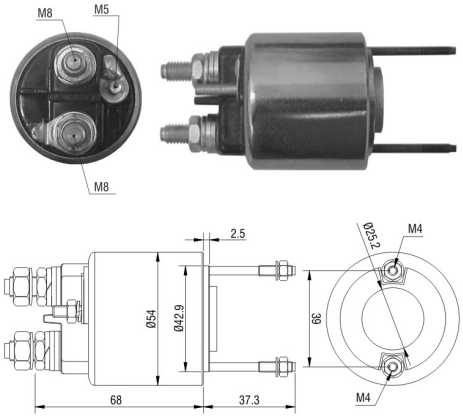


ZM 596 12v — CAP ZM 596.91

APLICAÇÃO */ USED ON:*
RENAULT: Lecar, R12, R15, R5, Rapid.

MOTOR DE PARTIDA */ STARTER:*
PARIS RHONE: D9E55. VALEO: D9E55

SUBSTITUI */ REPLACE:*
PARIS RHONE: 102295, 182458, CED530. VALEO: NE421.

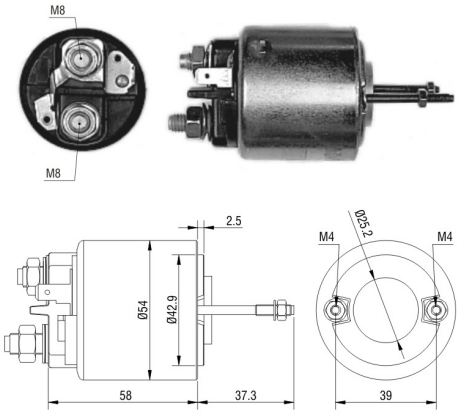


ZM 1-596 12v — CAP ZM 1-596.91

APLICAÇÃO */ USED ON:*
RENAULT: Estafette, R12, R15, R4, R5, R6, Rodeo, Trafic.

MOTOR DE PARTIDA */ STARTER:*
PARIS RHONE: D9E46, D9E68. VALEO: D9E46, D9E68

SUBSTITUI */ REPLACE:*
PARIS RHONE: 102190, 108458, CED528. VALEO: 102190, 108458, CED528.

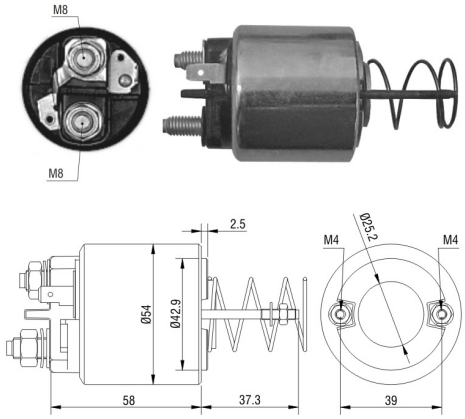


ZM 597 12v — CAP ZM 597.91

APLICAÇÃO */ USED ON:*
FORD: F-1000, Scorpio, Sierra. GM-CHEVROLET: S10. MERCEDES-BENZ: Sprinter. PEUGEOT: 305, 504, 505, 604, J 9. RENAULT: Trafic.

MOTOR DE PARTIDA */ STARTER:*
PARIS RHONE: D9R126, D9R91. VALEO: 432536, 432538, 432574, D7R89, D9R73, D9R91

SUBSTITUI */ REPLACE:*
VALEO: 102849, 103489, 103794, 105489, 181069, 182461, CED533, CED538, CED544.

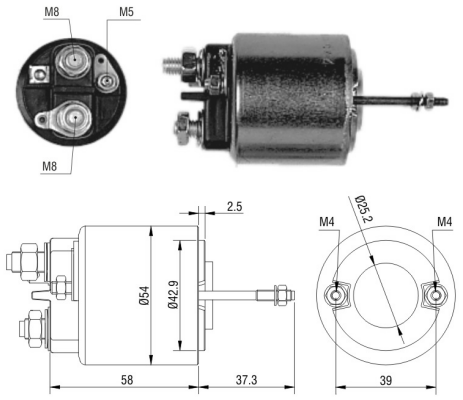


ZM 1-597 12v CAP ZM 597.91

APLICAÇÃO */ USED ON:*
LAND ROVER / ROVER GROUP: Land Rover 88/109, Land Rover 90/110, Land Rover Defender, Land Rover Discovery.

MOTOR DE PARTIDA */ STARTER:*
PARIS RHONE: D9R126, D9R91. VALEO: D9R126, D9R91

SUBSTITUI */ REPLACE:*
PARIS RHONE: 181069, CED549. VALEO: 181069, CED549.

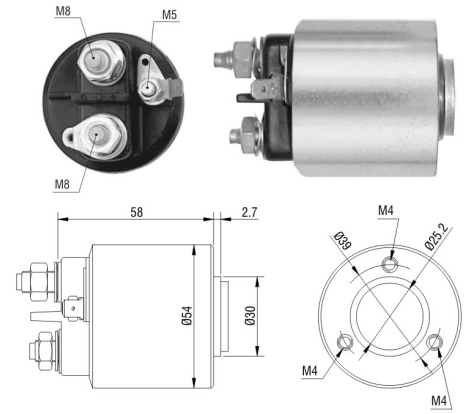


ZM 598 12v CAP ZM 598.91

APLICAÇÃO */ USED ON:*
VOLVO: F 4 F480.

MOTOR DE PARTIDA */ STARTER:*
VALEO: D9R116, D9R144

SUBSTITUI */ REPLACE:*
VALEO: 594054.

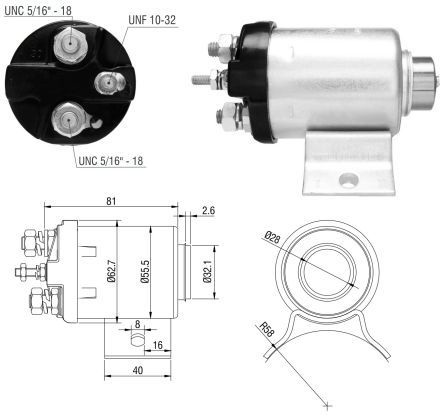


ZM 599 12v CAP ZM 599.91

APLICAÇÃO */ USED ON:*
CITROËN: Berlingo, C15, Jumpy, Xsara. FIAT: Ducato, Scudo. PEUGEOT: 206, 306, 307, 607, Expert, Partner.

MOTOR DE PARTIDA */ STARTER:*
VALEO: D6RA18, D6RA19, D6RA22, D6RA27, D6RA29, D6RA34, D6RA40, D6RA52, D6RA54, D6RA60, D6RA8, D7R17, D7R2, D7R4

SUBSTITUI */ REPLACE:*
PARIS RHONE: CED569. VALEO: 594047, 594119.



ZM 501 12v CAP ZM 501.91

APLICAÇÃO */ USED ON:*

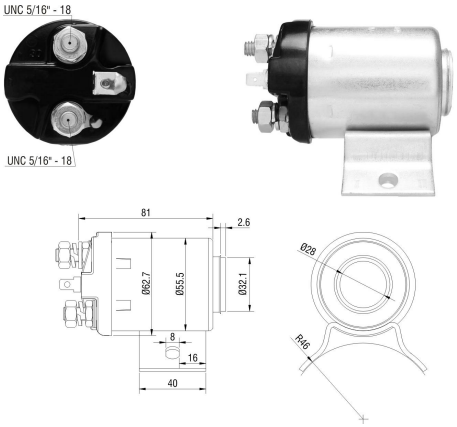
CASE: Trator Escavo-Carregador 580H, Trator Escavo-Carregador W-7, Trator Retro-Escavadeira 580CK, Trator Retro-Escavadeira 580E. CBT: Trator. CHRYSLER-DODGE: Caminhão, Dodge Polara. CLARK: Empilhadeira C-300 HY 40, Empilhadeira C-300 HY 50, Empilhadeira C-300 HY 60, Trator Michigan 75A, Trator Michigan II, Trator Michigan III. EATON: Empilhadeira D83C, Empilhadeira D83P, Empilhadeira D87P, Trator Pá-Carregadeira 1900, Trator Pá-Carregadeira 250A. FORD: F-1000, F-11000, F-12000, F-13000, F-2000, F-4000, F-7000. GM-CHEVROLET: Caminhão, Pick-up. MASSEY FERGUSON: Colheitadeira 220, Perkins Motor Industrial, Trator. VALMET: Trator. VOLKSWAGEN: Caminhão.

MOTOR DE PARTIDA */ STARTER:*

BOSCH: 9.000.453.004, 9.000.453.006, 9.000.453.009, 9.000.453.012, 9.000.453.014, 9.000.453.016, 9.000.453.017, 9.000.453.019, 9.000.453.027, 9.000.453.033, 9.000.453.041, 9.000.453.043, 9.000.453.046, 9.000.453.049, 9.000.453.051, 9.000.453.052, 9.000.453.053, 9.000.453.054, 9.000.453.062. WAPSA: MP-B-1, MP-B-11, MP-B-13, MP-B-17, MP-B-18, MP-B-23, MP-B-33, MP-B-42, MP-B-68

SUBSTITUI */ REPLACE:*

BOSCH: 9.331.451.025, 9.33A.451.025. WAPSA: 229-21.



ZM 502 12v CAP ZM 502.91

APLICAÇÃO */ USED ON:*

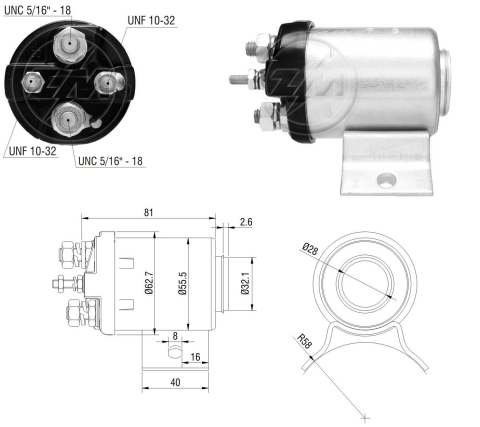
VOLKSWAGEN: Brasília, Karman Ghia, Kombi, SP-2, Sedan, TC, TL, Variant.

MOTOR DE PARTIDA */ STARTER:*

WAPSA: MW-V-12, MW-V-12F

SUBSTITUI */ REPLACE:*

BOSCH: 9.331.451.017. WAPSA: 229-13.



ZM 503 12v CAP ZM 503.91

APLICAÇÃO */ USED ON:*

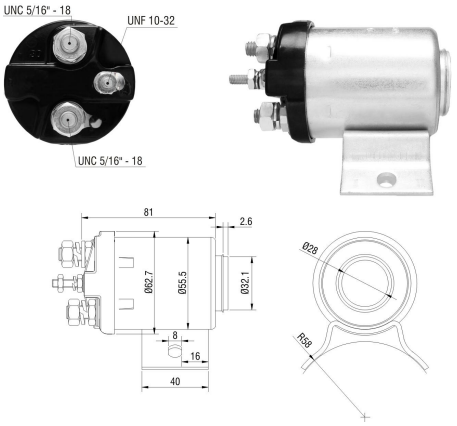
CLARK: Empilhadeira CHY 100, Empilhadeira CHY 120, Empilhadeira CHY 140, Empilhadeira CHY 60, Empilhadeira CHY 70, Empilhadeira CHY 80. FORD: F 100, F-350, F-600, Galaxie, LTD Landau. HYSTER: Empilhadeira. MASSEY FERGUSON: Trator. VOLKSWAGEN: Caminhão.

MOTOR DE PARTIDA */ STARTER:*

BOSCH: 9.000.453.038, 9.000.453.042, 9.000.453.044, 9.000.453.045, 9.000.453.061. WAPSA: MAL-F-3, MP-B-4

SUBSTITUI */ REPLACE:*

BOSCH: 9.330.451.014, 9.331.451.030. WAPSA: 229-16.

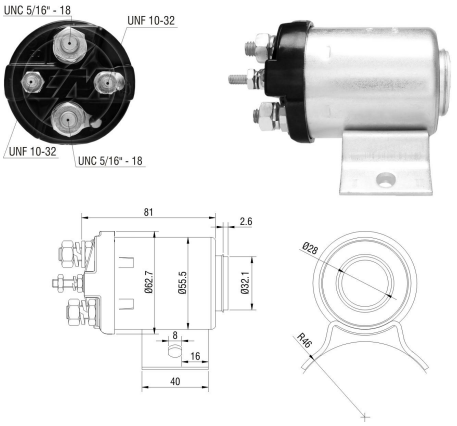


ZM 504 12v CAP ZM 501.91

APLICAÇÃO */ USED ON:*
CLARK: Empilhadeira CHY 40, Empilhadeira CHY 50. EATON: Empilhadeira GL-83C, Empilhadeira GL-83P, Empilhadeira GL-87P. FORD-WILLYS: Aero, Itamaraty, Jeep (12 volts), Pick-up, Rural. HYSTER: Guindaste KF. MASSEY FERGUSON: Trator. MERCEDES-BENZ: Caminhão, Ônibus.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 9.000.453.055. WAPSA: MP-B-3

SUBSTITUI */ REPLACE:*
BOSCH: 9.331.451.020. WAPSA: 229-18.

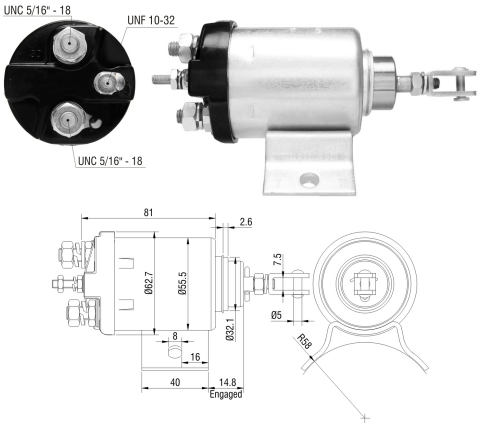


ZM 505 12v CAP ZM 503.91

APLICAÇÃO */ USED ON:*
FORD: F 75, Jeep, Maverick, Pick-up, Rural.

MOTOR DE PARTIDA */ STARTER:*
WAPSA: MW-B-14

SUBSTITUI */ REPLACE:*
WAPSA: 229-27.

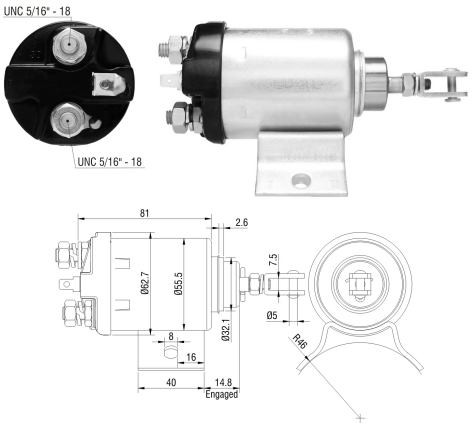


ZM 506 12v CAP ZM 501.91

APLICAÇÃO */ USED ON:*
CASE: Trator Escavo-Carregador 580H, Trator Escavo-Carregador W-7. CBT: Trator. CHRYSLER-DODGE: Caminhão, Dodge Polara. CLARK: Trator Michigan 75A, Trator Michigan II, Trator Michigan III. EATON: Trator Pá-Carregadeira 1900, Trator Pá-Carregadeira 250A. FORD: F-11000, F-12000, F-13000. GM-CHEVROLET: Caminhão, Pick-up. MASSEY FERGUSON: Colheitadeira 220, Perkins Motor Industrial, Trator. VALMET: Trator.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 9.000.453.004, 9.000.453.014, 9.000.453.016, 9.000.453.027, 9.000.453.033, 9.000.453.041, 9.000.453.049, 9.000.453.051, 9.000.453.053. WAPSA: MP-B-1, MP-B-13, MP-B-23, MP-B-33, MP-B-42

SUBSTITUI */ REPLACE:*
BOSCH: 9.330.451.015, 9.33A.451.015. WAPSA: 237-21.

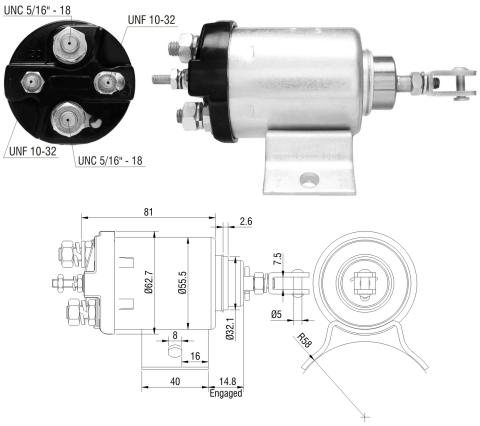


ZM 507 12v CAP ZM 502.91

APLICAÇÃO */ USED ON:*
CHRYSLER-DODGE: Caminhão. VOLKSWAGEN: Caminhão.

MOTOR DE PARTIDA */ STARTER:*
WAPSA: MW-V-12F

SUBSTITUI */ REPLACE:*
BOSCH: 9.330.451.012. WAPSA: 237-13.

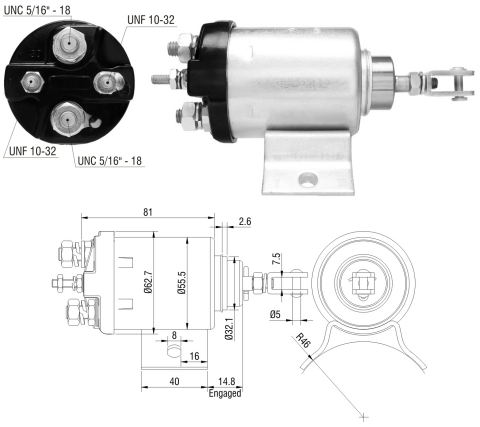


ZM 508 12v CAP ZM 503.91

APLICAÇÃO */ USED ON:*
FORD: F 100, F-350, F-600, Galaxie, LTD Landau.

MOTOR DE PARTIDA */ STARTER:*
WAPSA: MAL-F-3, MP-B-4

SUBSTITUI */ REPLACE:*
BOSCH: 9.330.451.026. WAPSA: 237-16.

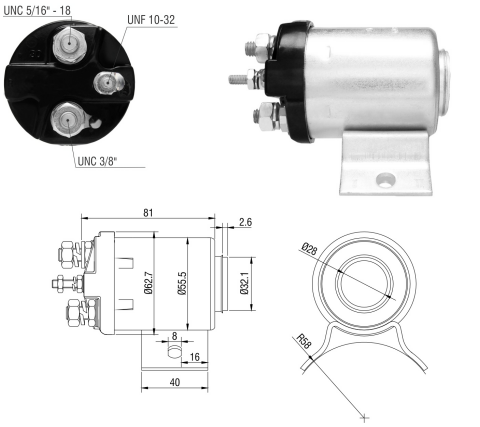


ZM 509 12v CAP ZM 503.91

APLICAÇÃO */ USED ON:*
FORD: F 75, Jeep, Maverick, Pick-up, Rural.

MOTOR DE PARTIDA */ STARTER:*
WAPSA: MW-B-14

SUBSTITUI */ REPLACE:*
WAPSA: 237-27.

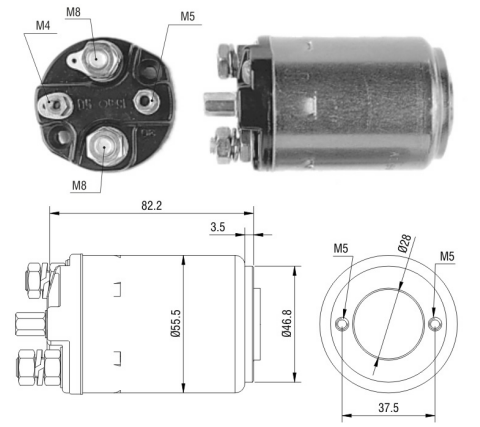


ZM 510 12v CAP ZM 510.91

APLICAÇÃO */ USED ON:*
FORD: Cargo 1218, Cargo 1415, Cargo 1418, Cargo 1618, Cargo 2218.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 9.000.453.024, 9.000.453.057. WAPSA: MP-B-66

SUBSTITUI */ REPLACE:*
BOSCH: 9.331.451.026. WAPSA: 229-42.

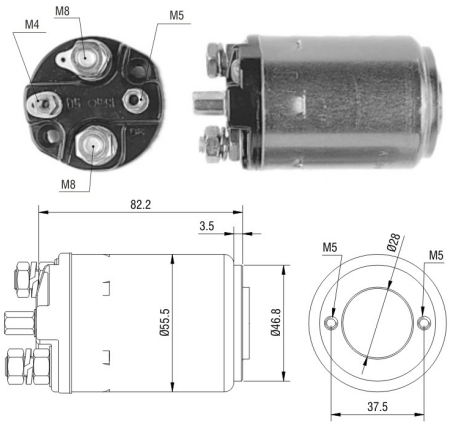


ZM 511 12v CAP ZM 511.91

APLICAÇÃO */ USED ON:*
VOLKSWAGEN: Gol, Parati, Passat, Saveiro, Voyage.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 9.000.451.003, 9.000.451.011. WAPSA: MW-B-19

SUBSTITUI */ REPLACE:*
BOSCH: 9.331.451.008. WAPSA: 229-32.

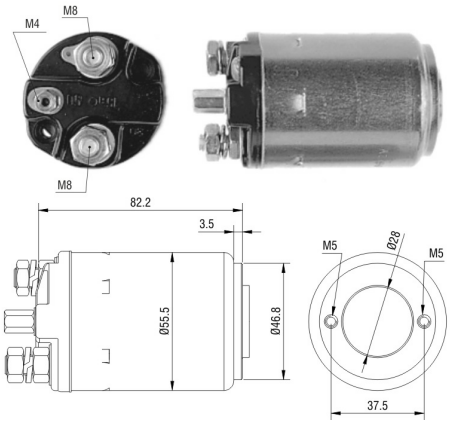


ZM 512 12v CAP ZM 511.91

APLICAÇÃO */ USED ON:*
VOLKSWAGEN: Brasília, Gol, Kombi, Saveiro, Sedan.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 9.000.451.002. WAPSA: MW-B-18

SUBSTITUI */ REPLACE:*
BOSCH: 9.331.451.013. WAPSA: 229-34.

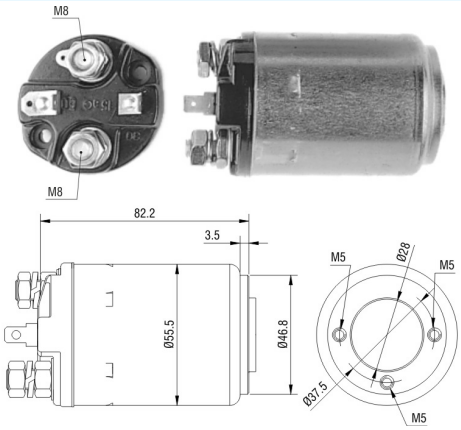


ZM 513 12v CAP ZM 513.91

APLICAÇÃO */ USED ON:*
VOLKSWAGEN: Kombi, Saveiro.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 9.000.452.001, 9.000.452.003. VOLKSWAGEN: 0689110232. WAPSA: MW-B-17

SUBSTITUI */ REPLACE:*
BOSCH: 9.331.451.010. WAPSA: 229-17.

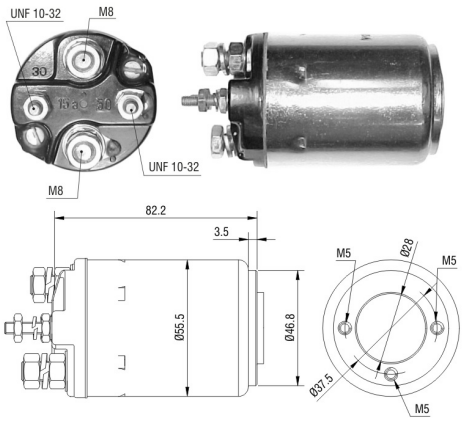


ZM 514 12v CAP ZM 514.91

APLICAÇÃO */ USED ON:*
FORD: Del Rey, Escort.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 9.000.451.017, 9.000.451.024. FORD: 84AU-11001-C, 84AU-11001-D. WAPSA: MW-B-23

SUBSTITUI */ REPLACE:*
BOSCH: 9.330.451.002, 9.331.451.001. FORD: BE5M-11390-A, BE5M-11391-A. WAPSA: 229-39.

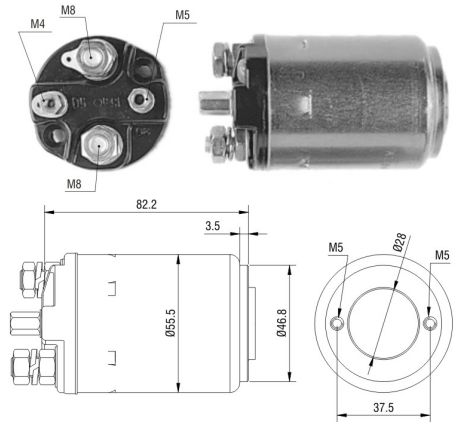


ZM 1-514 12v CAP ZM 1-514.91

APLICAÇÃO */ USED ON:*
FORD: F-1000.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 9.000.452.002, 9.000.452.004. WAPSA: MW-B-30

SUBSTITUI */ REPLACE:*
BOSCH: 9.331.451.003. WAPSA: 229-43.

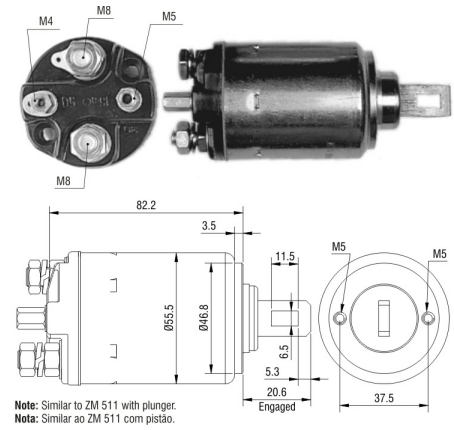


ZM 515 12v CAP ZM 511.91

APLICAÇÃO */ USED ON:*
VOLKSWAGEN: Gol.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 9.000.451.001, 9.000.451.010. WAPSA: MW-B-25

SUBSTITUI */ REPLACE:*
BOSCH: 9.331.451.015. WAPSA: 229-38.



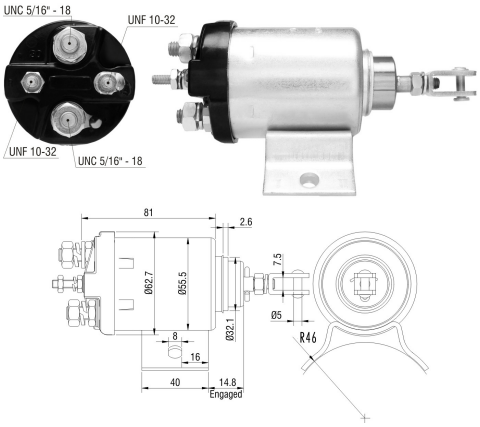
Note: Similar to ZM 511 with plunger.
Nota: Similar ao ZM 511 com pistão.

ZM 516 12v CAP ZM 511.91

APLICAÇÃO */ USED ON:*
VOLKSWAGEN: Gol, Parati, Passat, Saveiro, Voyage.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 9.000.451.003, 9.000.451.011. WAPSA: MW-B-19

SUBSTITUI */ REPLACE:*
BOSCH: 9.330.451.005. WAPSA: 237-04.

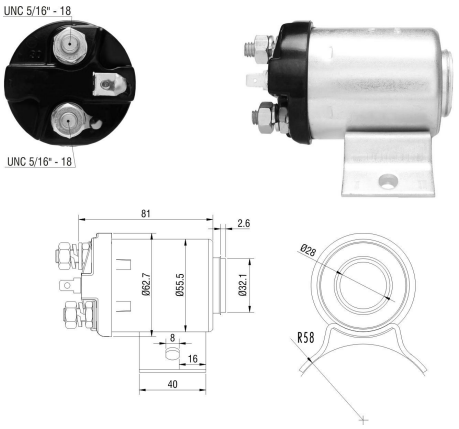


ZM 517 24v CAP ZM 503.91

APLICAÇÃO */ USED ON:*
FORD: F 100, F 75, Jeep, Maverick, Rural.

MOTOR DE PARTIDA */ STARTER:*
WAPSA: MW-C-5

SUBSTITUI */ REPLACE:*
BOSCH: 9.330.451.010. WAPSA: 237-37.

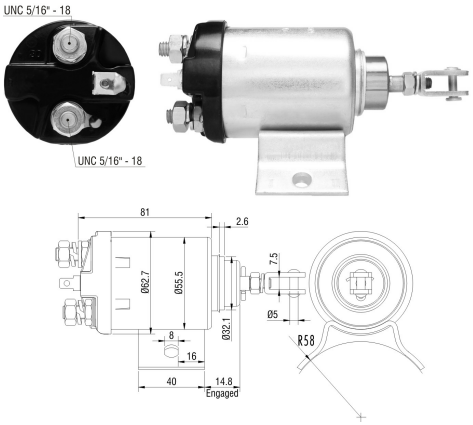


ZM 518 12v CAP ZM 502.91

APLICAÇÃO */ USED ON:*
FORD: F-4000, Trator 4600, Trator 5600, Trator 6600.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 9.000.453.011, 9.000.453.015, 9.000.453.047, 9.000.453.050. WAPSA: MP-B-31, MP-B-59

SUBSTITUI */ REPLACE:*
BOSCH: 9.331.451.016. WAPSA: 229-28.

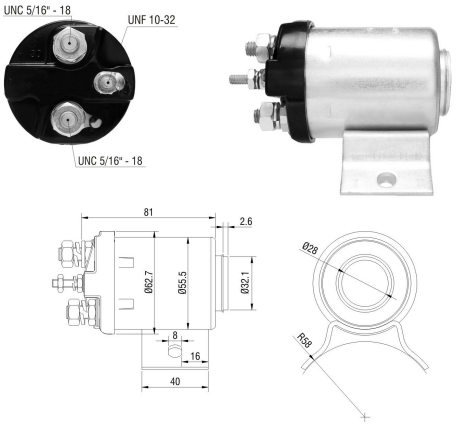


ZM 1-518 12v CAP ZM 502.91

APLICAÇÃO */ USED ON:*
FORD: F-4000, Trator 4600, Trator 5600, Trator 6600.

MOTOR DE PARTIDA */ STARTER:*
BOSCH: 9.000.453.047, 9.000.453.050. WAPSA: MP-B-31, MP-B-59

SUBSTITUI */ REPLACE:*
BOSCH: 9.330.451.013. WAPSA: 237-28.



ZM 519 12v CAP ZM 501.91

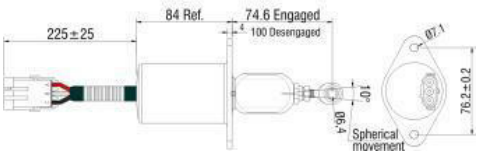
APLICAÇÃO */ USED ON:*
MASSEY FERGUSON: Trator.

MOTOR DE PARTIDA */ STARTER:*
WAPSA: MP-B-50

SUBSTITUI */ REPLACE:*
WAPSA: 229-31.

Referência SOLENOIDE DE PARAD
STOP SOLENOID Reference





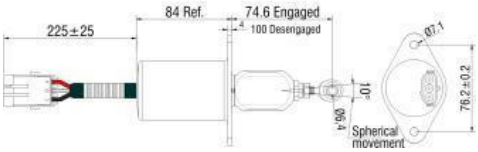
ZM 440 12v

APLICAÇÃO */ USED ON:*
CUMMINS: Equipamentos. FORD: Caminhão, Cargo 2626.

MOTOR DE PARTIDA */ STARTER:*

SUBSTITUI */ REPLACE:*
CUMMINS: 3935649, 3965091. FORD: BG2X9N392AA. SYNCHRO START: 3935649. VOLKSWAGEN: 2U0130764, 2U0130764/A, 2U0130764/B, 2U0130764, 2U0130764/A, 2U0130764/B.



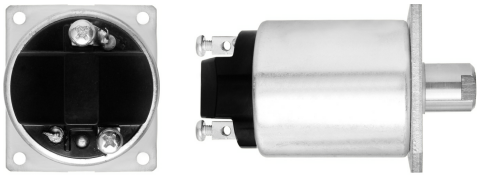


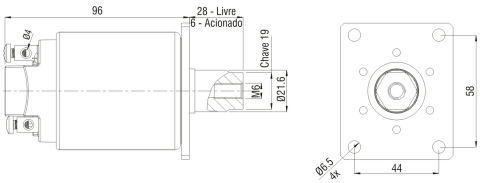
ZM 441 24v

APLICAÇÃO */ USED ON:*
CUMMINS: Equipamentos. VOLKSWAGEN: Titan.

MOTOR DE PARTIDA */ STARTER:*

SUBSTITUI */ REPLACE:*
CUMMINS: 3935650, 3970416. VOLKSWAGEN: 2T0201114, 2T0201114A.



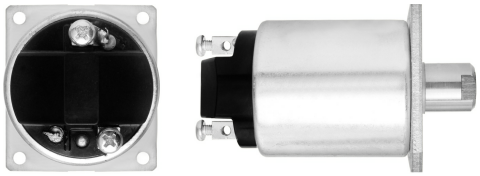


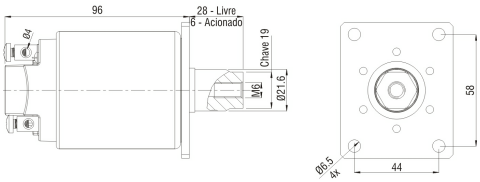
ZM 1-733 12v

APLICAÇÃO */ USED ON:*
MWM: Solenoide de parada para motores Estácionarios e grupo Geradores -
Nota: Sem engate do embolo.

MOTOR DE PARTIDA */ STARTER:*

SUBSTITUI */ REPLACE:*
BOSCH: 9.330.080.001. MWM: 80438200, 907120120002.



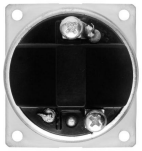


ZM 2-733 24v

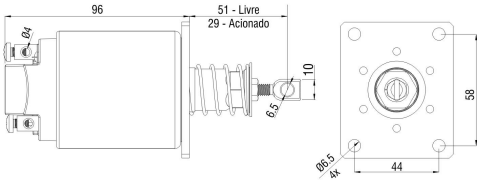
APLICAÇÃO */ USED ON:*
MWM: Solenoide de parada para motores Estácionarios e grupo Geradores.
Nota: Sem engate do embolo.

MOTOR DE PARTIDA */ STARTER:*

SUBSTITUI */ REPLACE:*
BOSCH: 9.330.080.000. CATERPILLAR: 2Y8068. MTU: 5500007166. MWM: 907120120001. SCANIA: 61458.







ZM 3-733 12v

APLICAÇÃO */ USED ON:*

MWM: Solenoide de parada para motores Estácionarios e grupo Geradores.
Nota: Com engate do embolo modelo furo Ø6.5mm.

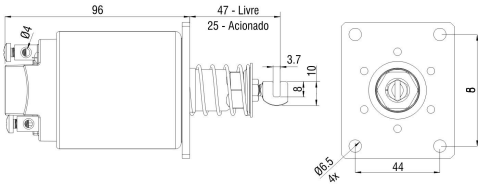
MOTOR DE PARTIDA */ STARTER:*

SUBSTITUI */ REPLACE:*

BOSCH: 9.330.080.001. MWM: 80438200, 907120120002.







ZM 4-733 12v

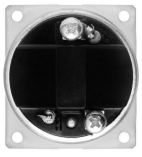
APLICAÇÃO */ USED ON:*

MWM: Solenoide de parada para motores Estácionarios e grupo Geradores.
Nota: Com engate do embolo modelo rasgo 3.7mmm.

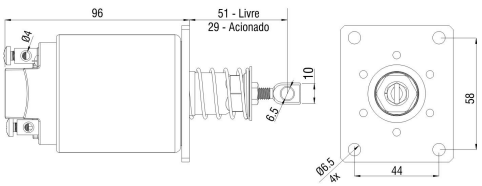
MOTOR DE PARTIDA */ STARTER:*

SUBSTITUI */ REPLACE:*

BOSCH: 9.330.080.001. MWM: 80438200, 907120120002.







ZM 5-733 24v

APLICAÇÃO */ USED ON:*

MWM: Solenoide de parada para motores Estácionarios e grupo Geradores.
Nota: Com engate do embolo modelo furo Ø6.5mm.

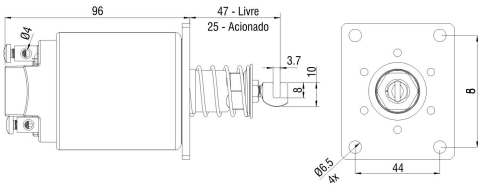
MOTOR DE PARTIDA */ STARTER:*

SUBSTITUI */ REPLACE:*

BOSCH: 9.330.080.000. CATERPILLAR: 2Y8068. MTU: 5500007166. MWM: 907120120001. SCANIA: 61458.







ZM 6-733 24v

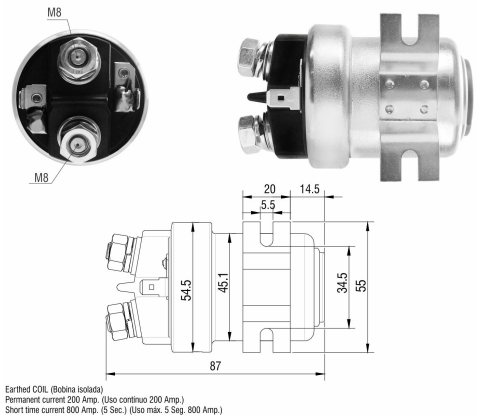
APLICAÇÃO */ USED ON:*

MWM: Solenoide de parada para motores Estácionarios e grupo Geradores.
Nota: Com engate do embolo modelo rasgo 3.7mmm.

MOTOR DE PARTIDA */ STARTER:*

SUBSTITUI */ REPLACE:*

BOSCH: 9.330.080.000. CATERPILLAR: 2Y8068. MTU: 5500007166. MWM: 907120120001. SCANIA: 61458.



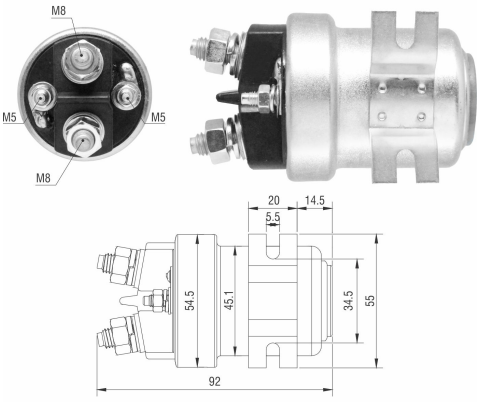
Earthed COIL (Bobina isolada)
Permanent current 200 Amp. (Uso continuo 200 Amp.)
Short time current 800 Amp. (5 Sec.) (Uso máx. 5 Seg. 800 Amp.)

ZM 403 12v

APLICAÇÃO */ USED ON:*
UNIVERSAL: Relé Automotivo Universal.
Uso permanente até 200 A.
Grau de proteção IP 54.
Universal Automotive Rele Switch.
Permanent current up to 200A.
Index of Protection IP 54.

MOTOR DE PARTIDA */ STARTER:*

SUBSTITUI */ REPLACE:*



ZM 1-403 12v

APLICAÇÃO */ USED ON:*
UNIVERSAL: Relé Automotivo Universal.
Uso permanente até 200 A.
Grau de proteção IP 54.
Universal Automotive Rele Switch.
Permanent current up to 200A.
Index of Protection IP 54.

MOTOR DE PARTIDA */ STARTER:*

SUBSTITUI */ REPLACE:*



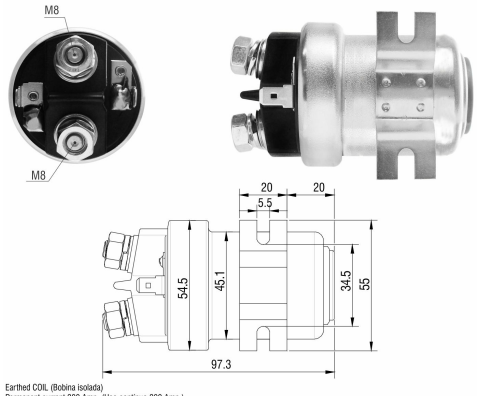
FOTO NÃO DISPONÍVEL

ZM 2-403 12v

APLICAÇÃO */ USED ON:*
UNIVERSAL: Relé Automotivo Universal.
Uso permanente até 300 A.
Grau de proteção IP 54.
Universal Automotive Rele Switch.
Permanent current up to 300A.
Index of Protection IP 54.

MOTOR DE PARTIDA */ STARTER:*

SUBSTITUI */ REPLACE:*



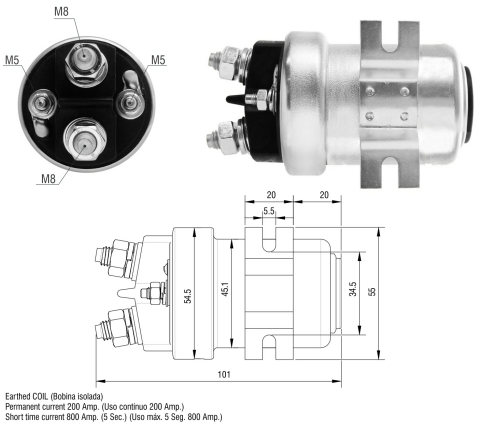
Earthed COIL (Bobina isolada)
Permanent current 200 Amp. (Uso continuo 200 Amp.)
Short time current 800 Amp. (5 Sec.) (Uso máx. 5 Seg. 800 Amp.)

ZM 404 24v

APLICAÇÃO */ USED ON:*
UNIVERSAL: Relé Automotivo Universal.
Uso permanente até 200 A.
Grau de proteção IP 54.
Universal Automotive Relé Switch.
Permanent current up to 200A.
Index of Protection IP 54.
.

MOTOR DE PARTIDA */ STARTER:*

SUBSTITUI */ REPLACE:*



Earthed COIL (Bobina isolada)
Permanent current 200 Amp. (Uso continuo 200 Amp.)
Short time current 800 Amp. (5 Sec.) (Uso máx. 5 Seg. 800 Amp.)

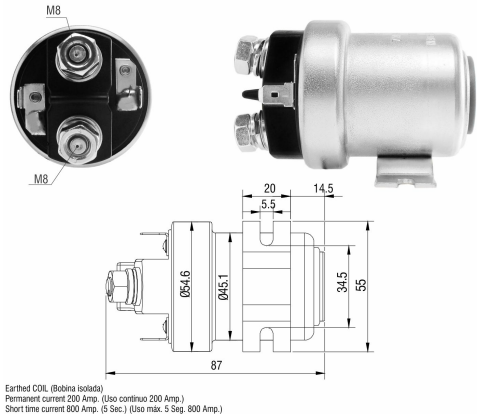
ZM 1-404 24v

APLICAÇÃO */ USED ON:*

UNIVERSAL: Relé Automotivo Universal.
Uso permanente até 200 A.
Grau de proteção IP 54.
Universal Automotive Relé Switch.
Permanent current up to 200A.
Index of Protection IP 54.
.

MOTOR DE PARTIDA */ STARTER:*

SUBSTITUI */ REPLACE:*



Earthed COIL (Bobina isolada)
Permanent current 200 Amp. (Uso continuo 200 Amp.)
Short time current 800 Amp. (5 Sec.) (Uso máx. 5 Seg. 800 Amp.)

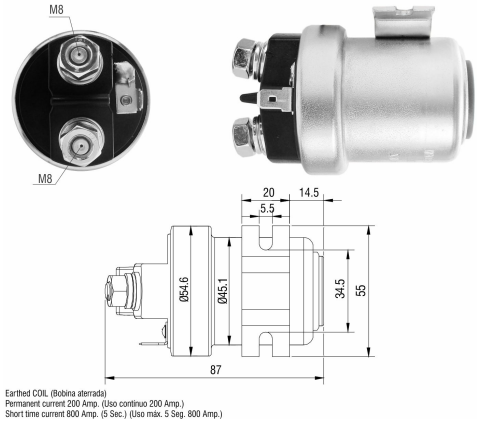
ZM 405 12v

APLICAÇÃO */ USED ON:*

UNIVERSAL: Relé Automotivo Universal.
Uso permanente até 200 A.
Grau de proteção IP 54.
Universal Automotive Rele Switch.
Permanent current up to 200A.
Index of Protection IP 54.

MOTOR DE PARTIDA */ STARTER:*

SUBSTITUI */ REPLACE:*



Earthed COIL (Bobina aterrada)
Permanent current 200 Amp. (Uso continuo 200 Amp.)
Short time current 800 Amp. (5 Sec.) (Uso máx. 5 Seg. 800 Amp.)

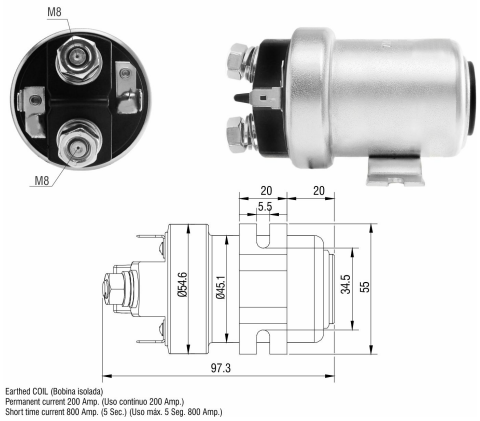
ZM 1-405 12v

APLICAÇÃO */ USED ON:*

UNIVERSAL: Relé Automotivo Universal.
Uso permanente até 200 A.
Grau de proteção IP 54.
Universal Automotive Rele Switch.
Permanent current up to 200A.
Index of Protection IP 54.
.

MOTOR DE PARTIDA */ STARTER:*

SUBSTITUI */ REPLACE:*



Earthed COIL (Bobina isolada)
Permanent current 200 Amp. (Uso continuo 200 Amp.)
Short time current 800 Amp. (5 Sec.) (Uso máx. 5 Seg. 800 Amp.)

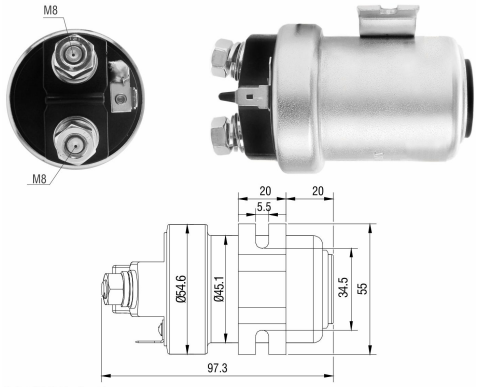
ZM 406 24v

APLICAÇÃO */ USED ON:*

UNIVERSAL: Relé Automotivo Universal.
Grau de proteção IP 54.
Universal Automotive Relé Switch.
Index of Protection IP 54.
.

MOTOR DE PARTIDA */ STARTER:*

SUBSTITUI */ REPLACE:*



Earthed COIL (Bobina aterrada)
Permanent current 200 Amp. (Uso continuo 200 Amp.)
Short time current 800 Amp. (5 Sec.) (Uso máx. 5 Seg. 800 Amp.)

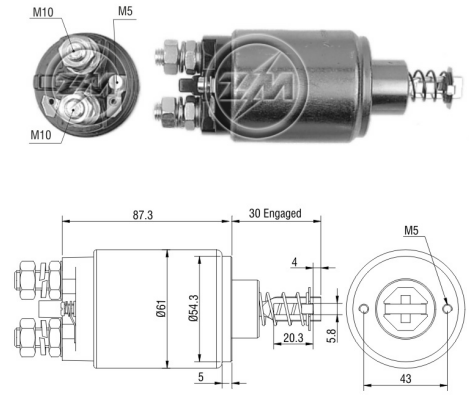
ZM 1-406 24v

APLICAÇÃO */ USED ON:*

UNIVERSAL: Relé Automotivo Universal.
Grau de proteção IP 54.
Universal Automotive Relé Switch.
Index of Protection IP 54.
.

MOTOR DE PARTIDA */ STARTER:*

SUBSTITUI */ REPLACE:*



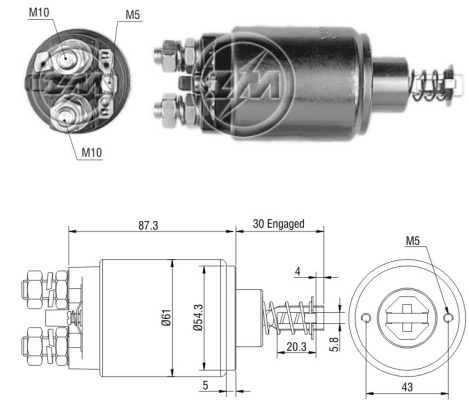
ZM 634 24v

APLICAÇÃO */ USED ON:*

MOTOR DE PARTIDA */ STARTER:*

SUBSTITUI */ REPLACE:*

NASHVILLE: 4.400.01.00.



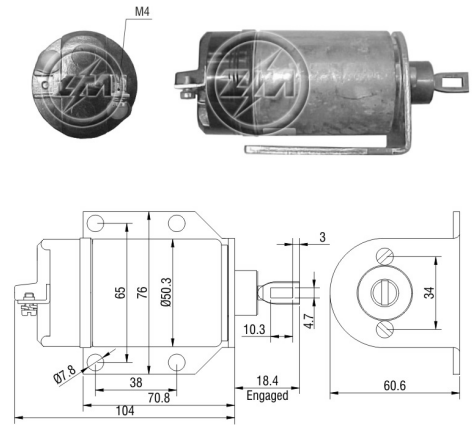
ZM 635 12v

APLICAÇÃO */ USED ON:*

MOTOR DE PARTIDA */ STARTER:*

SUBSTITUI */ REPLACE:*

NASHVILLE: 4.401.02.00.



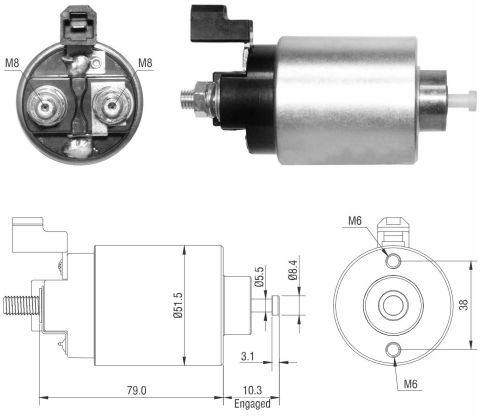
ZM 720 12v

APLICAÇÃO */ USED ON:*

UNIVERSAL: Solenoid trunk opener with mounting bracket.

MOTOR DE PARTIDA */ STARTER:*

SUBSTITUI */ REPLACE:*



ZM 1-992 12v

APLICAÇÃO */ USED ON:*
LIFAN: X60.

MOTOR DE PARTIDA */ STARTER:*
LIFAN: 3708100A, LFB479Q. ZM: 81.790.01

SUBSTITUI */ REPLACE:*

EQUIVALÊNCIA
CROSS REFERENCE

SOLENÓIDE *SOLENOID*	Nº ZM *ZM Nr.*	*Page*	SOLENÓIDE *SOLENOID*	Nº ZM *ZM Nr.*	Pag. *Page*	SOLENÓIDE *SOLENOID*	Nº ZM *ZM Nr.*	Pag. *Page*	SOLENÓIDE *SOLENOID*	Nº ZM *ZM Nr.*	Pag. *Page*
AGRALE			**BOSCH**			**BOSCH**			**BOSCH**		
6007011395000	531	014	0.331.302.084	3-722	038	0.331.303.094	773	044	0.331.401.008	741	042
6007011395000	531	015	0.331.302.086	625	025	0.331.303.095	2-777	048	0.331.401.009	742	042
8002.121.274.00.3	705	103	0.331.302.094	625	025	0.331.303.096	3-674	036	0.331.401.011	4-744	043
AMC			0.331.302.096	627	026	0.331.303.098	474	009	0.331.401.012	542	017
8933002708	695	148	0.331.302.096	727	038	0.331.303.100	775	046	0.331.401.015	633	028
8983503655	695	148	0.331.302.097	527	014	0.331.303.102	475	010	0.331.401.016	740	042
BMW			0.331.302.101	628	026	0.331.303.103	1-674	036	0.331.401.026	4-744	043
1241.1.273.228	574	022	0.331.302.106	728	039	0.331.303.104	476	010	0.331.401.029	542	017
BOSCH			0.331.302.107	729	039	0.331.303.105	475	010	0.331.401.035	4-744	043
...0.216	382	006	0.331.302.524	626	025	0.331.303.106	779	049	0.331.401.038	731	039
...0216	382	006	0.331.302.530	625	025	0.331.303.107	677	037	0.331.401.040	544	018
0.330.041.001	629	026	0.331.302.540	521	012	0.331.303.108	877	053	0.331.401.040	744	043
0.330.041.004	629	026	0.331.302.560	2-629	026	0.331.303.112	573	021	0.331.401.045	731	039
0.331.100.002	4-903	056	0.331.302.576	525	013	0.331.303.115	778	049	0.331.401.046	542	017
0.331.100.005	3-903	056	0.331.302.596	627	026	0.331.303.116	475	010	0.331.401.051	542	017
0.331.100.009	903	055	0.331.302.596	727	038	0.331.303.117	475	010	0.331.401.501	542	017
0.331.100.011	4-903	056	0.331.302.601	628	026	0.331.303.118	473	007	0.331.401.503	542	017
0.331.100.012	4-903	056	0.331.303.002	573	021	0.331.303.124	775	046	0.331.401.504	542	017
0.331.100.014	3-903	056	0.331.303.003	571	020	0.331.303.125	775	046	0.331.401.507	643	032
0.331.100.016	901	054	0.331.303.003	580	024	0.331.303.127	1-475	010	0.331.401.508	741	042
0.331.100.019	903	055	0.331.303.004	576	023	0.331.303.132	876	053	0.331.401.509	742	042
0.331.100.021	903	055	0.331.303.005	578	023	0.331.303.133	473	007	0.331.402.001	544	018
0.331.100.025	903	055	0.331.303.006	575	022	0.331.303.134	472	007	0.331.402.001	744	043
0.331.101.001	3-903	056	0.331.303.007	2-571	020	0.331.303.137	675	036	0.331.402.002	543	017
0.331.101.002	4-903	056	0.331.303.007	571	020	0.331.303.140	973	059	0.331.402.002	1-731	039
0.331.101.003	3-903	056	0.331.303.007	580	024	0.331.303.144	977	062	0.331.402.003	543	017
0.331.101.004	4-903	056	0.331.303.008	574	022	0.331.303.145	7-773	045	0.331.402.003	1-731	039
0.331.101.005	903	055	0.331.303.009	576	023	0.331.303.146	2-475	010	0.331.402.004	538	016
0.331.101.006	901	054	0.331.303.010	571	020	0.331.303.147	972	057	0.331.402.005	638	029
0.331.101.008	903	055	0.331.303.010	580	024	0.331.303.151	6-973	060	0.331.402.006	648	033
0.331.101.009	901	054	0.331.303.012	772	043	0.331.303.159	3-473	008	0.331.402.007	539	017
0.331.101.011	2-901	054	0.331.303.013	573	021	0.331.303.162	5-773	045	0.331.402.008	732	040
0.331.101.012	2-903	056	0.331.303.015	571	020	0.331.303.164	3-775	046	0.331.402.010	645	033
0.331.101.016	903	055	0.331.303.015	580	024	0.331.303.165	976	062	0.331.402.011	734	040
0.331.101.019	4-903	056	0.331.303.016	578	023	0.331.303.168	1-575	023	0.331.402.012	641	032
0.331.302.001	621	024	0.331.303.018	576	023	0.331.303.208	675	036	0.331.402.013	644	033
0.331.302.002	621	024	0.331.303.020	577	023	0.331.303.229	7-773	045	0.331.402.015	647	033
0.331.302.003	625	025	0.331.303.022	672	035	0.331.303.502	573	021	0.331.402.016	538	016
0.331.302.004	621	024	0.331.303.024	573	021	0.331.303.503	571	020	0.331.402.016	4-744	043
0.331.302.005	621	024	0.331.303.026	575	022	0.331.303.503	580	024	0.331.402.019	544	018
0.331.302.011	724	038	0.331.303.028	578	023	0.331.303.506	575	022	0.331.402.019	744	043
0.331.302.024	626	025	0.331.303.029	573	021	0.331.303.520	577	023	0.331.402.021	736	041
0.331.302.026	625	025	0.331.303.030	771	043	0.331.303.522	672	035	0.331.402.027	653	034
0.331.302.029	524	013	0.331.303.031	578	023	0.331.303.530	771	043	0.331.402.028	653	034
0.331.302.032	626	025	0.331.303.033	574	022	0.331.303.562	777	047	0.331.402.030	544	018
0.331.302.033	623	025	0.331.303.035	874	052	0.331.303.606	779	049	0.331.402.030	744	043
0.331.302.034	622	024	0.331.303.040	571	020	0.331.303.607	677	037	0.331.402.035	544	018
0.331.302.036	524	013	0.331.303.040	580	024	0.331.303.616	475	010	0.331.402.035	744	043
0.331.302.040	521	012	0.331.303.041	573	021	0.331.303.617	475	010	0.331.402.039	544	018
0.331.302.044	524	013	0.331.303.045	676	037	0.331.303.618	473	007	0.331.402.039	744	043
0.331.302.047	724	038	0.331.303.048	674	035	0.331.303.624	775	046	0.331.402.042	648	033
0.331.302.048	625	025	0.331.303.053	874	052	0.331.303.633	473	007	0.331.402.051	1-545	018
0.331.302.049	524	013	0.331.303.055	876	053	0.331.303.640	973	059	0.331.402.051	545	018
0.331.302.050	628	026	0.331.303.056	876	053	0.331.303.659	3-473	008	0.331.402.053	1-545	018
0.331.302.052	724	038	0.331.303.057	476	010	0.331.303.662	5-773	045	0.331.402.053	545	018
0.331.302.053	624	025	0.331.303.059	573	021	0.331.400.001	733	040	0.331.402.054	1-545	018
0.331.302.054	526	014	0.331.303.061	674	035	0.331.400.008	633	028	0.331.402.054	545	018
0.331.302.056	726	038	0.331.303.062	777	047	0.331.400.014	643	032	0.331.402.055	736	041
0.331.302.058	528	014	0.331.303.066	873	052	0.331.400.016	643	032	0.331.402.068	648	033
0.331.302.060	2-629	026	0.331.303.068	573	021	0.331.400.017	643	032	0.331.402.070	648	033
0.331.302.061	729	039	0.331.303.070	573	021	0.331.400.022	643	032	0.331.402.073	542	017
0.331.302.062	522	013	0.331.303.070	2-573	022	0.331.400.023	542	017	0.331.402.074	542	017
0.331.302.063	526	014	0.331.303.071	573	021	0.331.400.068	633	028	0.331.402.076	643	032
0.331.302.064	521	012	0.331.303.073	576	023	0.331.401.001	542	017	0.331.402.077	541	017
0.331.302.074	626	025	0.331.303.074	574	022	0.331.401.002	642	032	0.331.402.081	642	032
0.331.302.075	724	038	0.331.303.076	876	053	0.331.401.003	542	017	0.331.402.087	544	018
0.331.302.076	525	013	0.331.303.086	675	036	0.331.401.004	542	017	0.331.402.087	744	043
0.331.302.081	722	037	0.331.303.089	1-578	024	0.331.401.007	643	032	0.331.402.089	640	030

EQUIVALÊNCIA
CROSS REFERENCE

SOLENÓIDE *SOLENOID*	Nº ZM *ZM Nr.*	*Page*	SOLENÓIDE *SOLENOID*	Nº ZM *ZM Nr.*	Pag. *Page*	SOLENÓIDE *SOLENOID*	Nº ZM *ZM Nr.*	Pag. *Page*	SOLENÓIDE *SOLENOID*	Nº ZM *ZM Nr.*	Pag. *Page*
BOSCH			**BOSCH**			**BOSCH**			**BOSCH**		
0.331.402.094	1-545	018	1.987.BE2.020	352	065	2.339.304.003	374	002	2.339.403.006	833	050
0.331.402.094	545	018	1.987.BE2.020	352	066	2.339.304.005	378	002	2.339.403.007	1-833	050
0.331.402.106	3-640	031	1.987.BE2.021	803	180	2.339.304.007	372	001	2.339.403.009	834	050
0.331.402.107	743	042	1.987.BE2.023	2-897	161	2.339.304.008	377	002	2.339.403.010	835	051
0.331.402.205	544	018	1.987.BE2.024	3-698	087	2.339.304.009	378	002	2.339.403.014	836	051
0.331.402.205	744	043	1337210745	291	000	2.339.304.011	376	002	2.339.403.016	831	049
0.331.402.206	1-545	018	2.007.022.001	902	054	2.339.304.015	1-371	000	2.339.403.017	1-831	049
0.331.402.206	545	018	2.007.022.001	902	055	2.339.304.018	2-371	001	2.339.403.506	833	050
0.331.402.207	641	032	2.339.303.201	2-473	008	2.339.304.019	372	001	2.339.403.509	834	050
0.331.402.208	638	029	2.339.303.202	978	062	2.339.304.020	373	001	2.339.450.012	902	054
0.331.402.209	648	033	2.339.303.204	1-475	010	2.339.304.021	2-371	001	2.339.450.012	902	055
0.331.402.501	544	018	2.339.303.206	1-473	008	2.339.304.023	372	001	2.339.450.013	904	056
0.331.402.501	744	043	2.339.303.206	2-473	008	2.339.304.025	373	001	2.339.450.014	902	054
0.331.402.502	543	017	2.339.303.208	675	036	2.339.304.038	379	003	2.339.450.014	902	055
0.331.402.502	1-731	039	2.339.303.210	477	011	2.339.304.039	2-371	001	2.33A.403.006	833	050
0.331.402.503	543	017	2.339.303.211	972	057	2.339.304.046	378	002	6.004.4F4.004	538	016
0.331.402.503	1-731	039	2.339.303.221	1-477	011	2.339.304.047	1-371	000	6.004.4F4.005	538	016
0.331.402.504	544	018	2.339.303.222	972	057	2.339.304.050	1-371	000	6.004.AF1.015	2-873	052
0.331.402.504	744	043	2.339.303.227	479	011	2.339.304.054	1-379	003	6.004.AF1.027	972	057
0.331.402.507	539	017	2.339.303.229	7-773	045	2.339.304.055	379	003	6.004.AF1.029	972	057
0.331.402.508	732	040	2.339.303.230	5-773	045	2.339.304.525	1-372	001	6.004.AF3.000	1-979	064
0.331.402.513	644	033	2.339.303.232	573	021	2.339.305...	2-382	006	6.004.AF4.005	538	016
0.331.402.515	647	033	2.339.303.239	873	052	2.339.305.005	7-381	005	6.004.AS1.001	5-775	047
0.331.402.519	544	018	2.339.303.240	1-573	022	2.339.305.009	1-382	006	6.004.AS1.002	4-777	048
0.331.402.519	744	043	2.339.303.244	475	010	2.339.305.013	5-381	004	6.033.AD0.025	3-972	058
0.331.402.530	744	043	2.339.303.245	2-475	010	2.339.305.014	381	003	6.033.AD0.026	3-972	058
0.331.402.535	544	018	2.339.303.246	475	010	2.339.305.017	1-381	003	6.033.AD0.074	3-479	012
0.331.402.539	544	018	2.339.303.248	7-773	045	2.339.305.018	4-382	007	6.033.AD0.312	2-479	012
0.331.402.539	744	043	2.339.303.254	6-773	045	2.339.305.024	7-381	005	6.033.AD1.067	3-972	058
0.331.402.568	648	033	2.339.303.256	1-479	012	2.339.305.033	2-381	004	6.033.AD4.031	8-640	032
0.331.402.570	648	033	2.339.303.258	972	057	2.339.305.034	381	003	6.033.AD5.138	291	000
0.331.402.606	3-640	031	2.339.303.259	1-474	009	2.339.305.048	1-381	003	6.033.AD5.206	291	000
0.331.402.607	743	042	2.339.303.260	874	052	2.339.305.051	3-381	004	6.033.AD6.153	291	000
0.331.402.706	545	018	2.339.303.261	778	049	2.339.305.052	7-381	005	9.330.041.001	629	026
0.331.450.001	902	054	2.339.303.262	2-674	036	2.339.305.054	381	003	9.330.041.005	521	012
0.331.450.001	902	055	2.339.303.265	972	057	2.339.305.055	8-381	005	9.330.041.009	525	013
0.331.450.002	904	056	2.339.303.267	5-973	060	2.339.305.074	7-381	005	9.330.043.002	4-773	045
0.331.450.004	902	054	2.339.303.271	473	007	2.339.305.076	381	003	9.330.043.502	4-773	045
0.331.450.004	902	055	2.339.303.272	473	007	2.339.305.077	8-381	005	9.330.043.505	2-873	052
0.331.450.005	902	054	2.339.303.273	472	007	2.339.305.100	1-381	003	9.330.061.106	1-873	052
0.331.450.005	902	055	2.339.303.276	3-674	036	2.339.305.122	9-381	005	9.330.061.129	5-473	009
0.331.450.009	2-902	055	2.339.303.281	474	009	2.339.305.135	6-381	005	9.330.080.000	2-733	207
0.331.450.010	2-904	057	2.339.303.291	7-773	045	2.339.305.149	5-382	007	9.330.080.000	5-733	208
0.986.020.780	7-381	005	2.339.303.294	978	062	2.339.305.177	4-381	004	9.330.080.000	6-733	208
1.337.210.745	291	000	2.339.303.306	978	062	2.339.305.231	3-382	006	9.330.080.001	1-733	207
1.987.001.000	660	100	2.339.303.311	1-777	047	2.339.305.337	381	003	9.330.080.001	3-733	208
1.987.001.001	662	101	2.339.303.317	3-775	046	2.339.402.113	2-640	031	9.330.080.001	4-733	208
1.987.001.009	582	114	2.339.303.318	4-473	008	2.339.402.115	1-640	031	9.330.080.010	3-671	034
1.987.001.009	681	115	2.339.303.324	7-773	045	2.339.402.117	1-639	029	9.330.080.012	4-671	035
1.987.001.012	581	114	2.339.303.339	972	057	2.339.402.118	4-639	030	9.330.081.008	533	015
1.987.001.012	680	115	2.339.303.345	2-573	022	2.339.402.126	4-639	030	9.330.081.010	523	013
1.987.001.013	691	147	2.339.303.351	972	057	2.339.402.128	744	043	9.330.081.022	522	013
1.987.AN0.001	902	054	2.339.303.364	675	036	2.339.402.132	743	042	9.330.081.023	546	018
1.987.AN0.001	902	055	2.339.303.369	3-978	063	2.339.402.136	2-735	041	9.330.081.024	522	013
1.987.AN0.006	901	054	2.339.303.377	972	057	2.339.402.139	2-639	029	9.330.081.028	537	016
1.987.BE2.003	815	089	2.339.303.378	2-573	022	2.339.402.140	6-640	031	9.330.081.030	531	014
1.987.BE2.004	818	090	2.339.303.396	473	007	2.339.402.143	8-640	032	9.330.081.030	531	015
1.987.BE2.005	716	178	2.339.303.407	7-773	045	2.339.402.147	735	041	9.330.081.030	631	027
1.987.BE2.006	2-595	139	2.339.303.411	6-773	045	2.339.402.149	1-653	034	9.330.081.031	534	015
1.987.BE2.007	360	068	2.339.303.412	972	057	2.339.402.155	1-732	040	9.330.081.032	536	016
1.987.BE2.010	2-860	093	2.339.303.438	6-773	045	2.339.402.156	1-639	029	9.330.081.032	636	028
1.987.BE2.011	7-408	074	2.339.303.445	1-976	062	2.339.402.157	2-735	041	9.330.081.032	9-636	028
1.987.BE2.012	2-409	075	2.339.303.722	972	057	2.339.402.173	1-732	040	9.330.081.034	567	020
1.987.BE2.013	2-695	149	2.339.303.724	972	057	2.339.402.180	1-639	029	9.330.081.035	549	019
1.987.BE2.015	3-651	141	2.339.303.840	3-978	063	2.339.402.185	1-732	040	9.330.081.036	550	019
1.987.BE2.016	4-395	135	2.339.304.001	371	000	2.339.402.220	3-639	030	9.330.081.038	521	012
1.987.BE2.017	2-818	091	2.339.304.002	2-371	001	2.339.402.225	5-639	030	9.330.081.039	571	020
1.987.BE2.018	369	070	2.339.304.002	379	003	2.339.402.230	3-639	030	9.330.081.039	580	024

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BOSCH			**BOSCH**			**BOSCH**			**BOSCH**		
9.330.081.040	573	021	9.339.991.018	4-903	056	F.000.SH0.182	5-972	058	F.042.010.673	3-639	030
9.330.081.041	572	021	9.33A.080.010	3-671	034	F.000.SH0.187	5-777	048	F.042.011.148	480	172
9.330.081.042	548	019	9.33A.080.012	4-671	035	F.000.SH0.188	6-775	047	F.042.011.149	481	172
9.330.081.045	547	019	9.33A.081.028	537	016	F.000.SH0.189	6-473	009	F.042.011.151	5-485	177
9.330.081.045	9-637	029	9.33A.081.030	531	014	F.000.SH0.190	3-777	048	F.042.011.157	3-485	176
9.330.081.046	574	022	9.33A.081.030	531	015	F.000.SH0.203	979	063	F.042.011.158	1-485	176
9.330.081.047	671	034	9.33A.081.031	534	015	F.000.SH0.205	1-979	064	F.042.011.159	2-485	176
9.330.081.049	1-773	044	9.33A.081.032	536	016	F.000.SH0.207	2-978	063	F.042.011.165	1-482	173
9.330.081.050	773	044	9.33A.081.032	636	028	F.000.SH0.209	3-571	021	F.042.011.166	483	174
9.330.081.055	571	020	9.33A.081.036	550	019	F.000.SH0.210	6-972	058	F.042.011.167	482	173
9.330.081.055	671	034	9.33A.081.039	571	020	F.000.SH0.214	1-972	057	F.042.011.168	484	174
9.330.081.056	2-773	044	9.33A.081.039	580	024	F.002.G20.915	3-536	016	F.042.011.169	1-484	175
9.330.081.058	872	051	9.33A.081.045	547	019	F.00A.SH0.120	972	057	**CASE**		
9.330.081.060	875	053	9.33A.081.046	574	022	F.00A.SH0.127	1-974	061	82019471	825	129
9.330.081.061	871	051	9.33A.081.049	1-773	044	F.00A.SH0.128	2-775	046	**CATERPILLAR**		
9.330.081.062	873	052	9.33A.081.050	773	044	F.00A.SH0.129	879	054	2Y8068	2-733	207
9.330.081.063	879	054	9.33A.081.062	873	052	F.00A.SH0.131	679	037	2Y8068	5-733	208
9.330.081.064	971	057	9.33A.081.065	878	053	F.00A.SH0.134	974	060	2Y8068	6-733	208
9.330.081.065	878	053	9.33A.081.066	775	046	F.00A.SH0.138	2-972	058	**CHRYSLER**		
9.330.081.066	775	046	9.33A.081.068	1-972	057	F.00A.SH0.139	1-479	012	5006626	627	026
9.330.081.067	974	060	9.33A.451.015	506	202	F.00A.SH0.182	5-972	058	5006626	727	038
9.330.081.068	1-972	057	9.33A.451.025	501	201	F.042.010.038	761	109	5206265	664	101
9.330.331.006	975	061	F.000.CD1.113	6-271	000	F.042.010.038	1-761	110	5206270	664	101
9.330.331.010	1-975	061	F.000.CD1.140	2-974	061	F.042.010.041	860	093	5206636	664	101
9.330.331.012	3-773	044	F.000.SH0.100	1-973	059	F.042.010.087	401	108	5213313	701	102
9.330.331.013	1-976	062	F.000.SH0.102	972	057	F.042.010.103	551	085	5213875	701	102
9.330.331.510	1-975	061	F.000.SH0.103	2-775	046	F.042.010.113	950	097	**CITROËN**		
9.330.331.513	1-976	062	F.000.SH0.106	2-973	059	F.042.010.113	950	098	583669	377	002
9.330.451.002	514	204	F.000.SH0.107	978	062	F.042.010.140	841	092	**CUMMINS**		
9.330.451.005	516	205	F.000.SH0.108	1-479	012	F.042.010.141	840	092	3909914	1-551	085
9.330.451.010	517	205	F.000.SH0.109	1-974	061	F.042.010.270	543	017	3935649	440	207
9.330.451.012	507	202	F.000.SH0.110	478	011	F.042.010.303	1-595	138	3935650	441	207
9.330.451.013	1-518	206	F.000.SH0.111	1-972	057	F.042.010.365	591	197	3965091	440	207
9.330.451.014	503	201	F.000.SH0.112	3-973	059	F.042.010.366	595	199	3970416	441	207
9.330.451.015	506	202	F.000.SH0.116	3-973	059	F.042.010.371	491	185	**DAF**		
9.330.451.026	508	203	F.000.SH0.117	2-972	058	F.042.010.373	496	193	1337458	834	050
9.330.451.058	831	049	F.000.SH0.118	1-978	063	F.042.010.381	608	145	1448595	836	051
9.330.451.059	832	050	F.000.SH0.120	972	057	F.042.010.390	699	152	316490	733	040
9.330.451.063	537	016	F.000.SH0.122	4-973	060	F.042.010.391	4-993	166	**DAIHATSU**		
9.330.451.064	831	049	F.000.SH0.123	479	011	F.042.010.399	695	148	28150-22011-000	660	100
9.330.451.065	831	049	F.000.SH0.124	4-775	046	F.042.010.407	793	154	28150-24061-000	660	100
9.330.451.069	831	049	F.000.SH0.125	679	037	F.042.010.412	1-695	148	28150-25010-000	660	100
9.330.451.070	832	050	F.000.SH0.127	1-974	061	F.042.010.416	697	150	28150-33020-000	660	100
9.330.451.071	832	050	F.000.SH0.128	2-775	046	F.042.010.423	698	150	28150-34070-000	660	100
9.330.451.071	833	050	F.000.SH0.129	879	054	F.042.010.424	696	150	28150-41011-000	660	100
9.330.451.092	632	027	F.000.SH0.130	1-972	057	F.042.010.434	582	114	28150-87203-000	660	100
9.330.451.094	632	027	F.000.SH0.131	679	037	F.042.010.489	805	087	**DELCO REMY**		
9.331.081.045	637	028	F.000.SH0.132	1-873	052	F.042.010.491	810	088	10453950	1-817	090
9.331.451.001	514	204	F.000.SH0.133	972	057	F.042.010.496	812	089	10455505	3-698	087
9.331.451.003	1-514	204	F.000.SH0.134	974	060	F.042.010.500	691	147	10456454	806	087
9.331.451.008	511	203	F.000.SH0.136	972	057	F.042.010.514	890	158	10457055	805	087
9.331.451.010	513	204	F.000.SH0.137	971	057	F.042.010.515	892	159	10457061	808	088
9.331.451.013	512	204	F.000.SH0.138	2-972	058	F.042.010.516	891	159	10457115	812	089
9.331.451.015	515	205	F.000.SH0.139	1-479	012	F.042.010.517	893	160	10457116	810	088
9.331.451.016	518	205	F.000.SH0.145	4-775	046	F.042.010.577	1-841	092	10457123	813	089
9.331.451.017	502	201	F.000.SH0.148	3-973	059	F.042.010.578	1-840	092	10457151	809	088
9.331.451.020	504	202	F.000.SH0.149	3-973	059	F.042.010.581	450	078	10457152	811	089
9.331.451.025	501	201	F.000.SH0.150	5-473	009	F.042.010.582	459	082	10457232	807	088
9.331.451.026	510	203	F.000.SH0.151	4-973	060	F.042.010.583	460	082	10457366	2-409	075
9.331.451.030	503	201	F.000.SH0.152	978	062	F.042.010.584	456	080	10457368	815	089
9.337.043.013	5-777	048	F.000.SH0.153	1-978	063	F.042.010.584	456	081	10467421	5-861	095
9.337.043.019	6-775	047	F.000.SH0.154	1-973	059	F.042.010.585	452	078	10468962	5-861	095
9.337.043.026	979	063	F.000.SH0.155	2-973	059	F.042.010.585	452	079	10469039	4-861	095
9.337.043.513	5-777	048	F.000.SH0.176	1-372	001	F.042.010.590	356	067	10469039	861	095
9.337.043.517	6-473	009	F.000.SH0.177	5-775	047	F.042.010.593	463	084	10469039	862	095
9.337.043.519	6-775	047	F.000.SH0.179	4-777	048	F.042.010.595	461	083	10475646	860	093
9.337.043.523	3-777	048	F.000.SH0.180	4-773	045	F.042.010.596	464	084	10475654	860	093
9.337.043.526	979	063	F.000.SH0.181	2-873	052	F.042.010.597	361	069	10478614	3-805	087

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DELCO REMY			**DELCO REMY**			**DELCO REMY**			**DELCO REMY**		
10482844	864	096	10536526	261	065	1115643	463	084	DR903	1-557	086
10483616	7-408	074	10536526M	261	065	1115645	356	067	DR903	557	086
10483810	810	088	10538234	261	065	1115657	362	069	DR904	555	086
10483811	810	088	10546288	3-409	075	1115659	6-408	074	**DENSO**		
10484660	817	090	110780	1-865	096	1115663	2-362	070	053400-1040	660	100
10501216	365	070	110977	865	096	1115664	356	067	053400-1150	661	101
10503939	1-866	097	1113594	1-551	085	1115667	361	069	053400-1151	661	101
10504502	6-860	094	1114256	551	085	1115668	361	069	053400-1260	660	100
10510393	3-407	071	1114578	4-861	095	1115672	369	070	053400-1530	660	100
10510400	7-860	094	1114578	861	095	1115673	361	069	053400-1740	661	101
10511209	356	067	1114578	862	095	1115674	2-360	068	053400-1870	661	101
10511210	355	067	1114580	1-862	096	1115675	360	068	053400-1880	661	101
10511219	361	069	1114581	1-862	096	1115677	360	068	053400-2120	661	101
10511368	4-407	072	1114582	4-861	095	1115678	369	070	053400-2140	664	101
10511368	5-407	072	1114582	861	095	1115682	1-362	069	053400-2160	662	101
10511369	4-408	073	1114582	862	095	1115683	2-362	070	053400-2250	661	101
10511369	5-408	073	1114583	1-860	093	1115689	352	065	053400-2310	664	101
10511408	841	092	1114584	862	095	1115689	352	066	053400-2550	662	101
10511409	1-841	092	1114597	2-860	093	1115694	355	067	053400-2880	660	100
10511414	4-407	072	1114607	2-860	093	1115695	2-352	066	053400-3000	661	101
10511414	5-407	072	1114607	6-860	094	1115698	365	070	053400-3010	661	101
10511415	4-408	073	1114610	6-860	094	1115701	355	067	053400-3160	664	101
10511415	5-408	073	1115556	951	099	1115702	365	070	053400-3162	664	101
10512093	840	092	1115557	950	097	1115704	355	067	053400-3330	660	100
10512094	1-840	092	1115557	950	098	1115705	365	070	053400-3340	662	101
10512096	1-407	071	1115559	950	097	1115712	356	067	053400-3350	660	100
10512096	407	071	1115559	950	098	1119798	551	085	053400-3370	661	101
10512097	1-409	075	1115565	951	099	19024320	901	054	053400-3710	660	100
10512097	4-409	076	1115569	354	067	19024321	903	055	053400-3810	660	100
10512424	8-860	094	1115575	951	099	19024324	902	054	053400-3840	703	103
10512476	6-408	074	1115589	450	078	19024324	902	055	053400-3890	703	103
10512505	7-408	074	1115591	351	065	19024325	904	056	053400-3932	703	103
10512637	369	070	1115591	451	078	19024427	903	055	053400-4430	704	103
10514696	3-409	075	1115593	456	080	19070190	835	051	053400-4431	704	103
10514696	409	075	1115593	456	081	19070191	833	050	053400-4432	706	105
10515812	2-407	071	1115594	459	082	1985280	450	078	053400-4640	704	103
10515812	3-407	071	1115595	461	083	3471693	556	086	053400-4642	704	103
10515814	3-409	075	1115596	366	070	3471697	1-557	086	053400-4643	704	103
10515814	409	075	1115596	466	084	3471697	557	086	053400-5050	706	105
10515838	818	090	1115597	462	083	3471725	555	086	053400-5180	664	101
10515839	3-818	091	1115598	357	068	36120-...	9-860	094	053400-5240	706	105
10515840	1-818	090	1115598	457	081	36120-25020	866	097	053400-5280	702	102
10515840	1-818	091	1115600	462	083	D900A	458	082	053400-5282	702	102
10515871	6-860	094	1115601	461	083	D903A	462	083	053400-5290	702	102
10515872	2-407	071	1115602	458	082	D904A	452	078	053400-5480	701	102
10515872	3-407	071	1115608	461	083	D904A	452	079	053400-5810	664	101
10516636	1-866	097	1115609	452	078	D905A	453	080	053400-6090	661	101
10517672	2-362	070	1115609	452	079	D915A	460	082	053400-6550	703	103
10518433	841	092	1115610	453	080	D916A	2-360	068	053400-7130	705	103
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ACURA			**BOSCH**			**BOSCH**			**BOSCH**		
31220-P5A-005	994	167	0.001.107.005	2-573	022	0.001.108.001	573	021	0.001.108.113	7-773	045
AGRALE			0.001.107.006	2-573	022	0.001.108.003	874	052	0.001.108.114	7-773	045
7100	6-485	177	0.001.107.007	573	021	0.001.108.004	578	023	0.001.108.115	475	010
71010	6-485	177	0.001.107.010	4-473	008	0.001.108.005	573	021	0.001.108.116	973	059
7106010078002	571	020	0.001.107.011	3-775	046	0.001.108.012	574	022	0.001.108.121	371	000
7107	6-485	177	0.001.107.015	775	046	0.001.108.013	577	023	0.001.108.122	371	000
7109	6-485	177	0.001.107.016	371	000	0.001.108.014	573	021	0.001.108.123	3-473	008
8002.121.185.00	705	103	0.001.107.017	5-773	045	0.001.108.018	475	010	0.001.108.133	973	059
ALFA ROMEO			0.001.107.018	5-773	045	0.001.108.019	578	023	0.001.108.134	675	036
46437520	479	011	0.001.107.020	972	057	0.001.108.020	578	023	0.001.108.135	675	036
46468696	1-479	012	0.001.107.021	972	057	0.001.108.021	771	043	0.001.108.136	573	021
787 218 A152	1-381	003	0.001.107.022	972	057	0.001.108.030	574	022	0.001.108.139	973	059
ATLAS COPCO			0.001.107.023	972	057	0.001.108.032	577	023	0.001.108.140	973	059
2913146100	1-579	128	0.001.107.025	972	057	0.001.108.038	574	022	0.001.108.143	777	047
2913179000	1-579	128	0.001.107.027	973	059	0.001.108.039	578	023	0.001.108.145	475	010
AUDI			0.001.107.028	973	059	0.001.108.042	475	010	0.001.108.146	1-475	010
020-911-023T	7-381	005	0.001.107.029	973	059	0.001.108.043	2-573	022	0.001.108.148	2-473	008
026911023F	6-773	045	0.001.107.030	978	062	0.001.108.044	2-573	022	0.001.108.150	775	046
02T-911-023G	7-381	005	0.001.107.031	477	011	0.001.108.045	577	023	0.001.108.154	677	037
02T911023R	1-498	195	0.001.107.034	1-473	008	0.001.108.046	877	053	0.001.108.155	371	000
02T911023S	1-498	195	0.001.107.034	2-473	008	0.001.108.047	573	021	0.001.108.157	378	002
BMW			0.001.107.038	4-473	008	0.001.108.048	573	021	0.001.108.162	377	002
12 41 1 438 696	378	002	0.001.107.039	3-775	046	0.001.108.051	779	049	0.001.108.166	372	001
12 41 1 711 403	475	010	0.001.107.041	371	000	0.001.108.052	677	037	0.001.108.167	372	001
12 41 1 712 937	378	002	0.001.107.043	1-371	000	0.001.108.053	775	046	0.001.108.168	371	000
12 41 1 712 973	378	002	0.001.107.044	775	046	0.001.108.054	475	010	0.001.108.170	2-473	008
12 41 1 715 230	475	010	0.001.107.045	1-473	008	0.001.108.056	779	049	0.001.108.173	372	001
12 41 1 717 174	475	010	0.001.107.045	2-473	008	0.001.108.059	2-573	022	0.001.108.174	7-773	045
12 41 1 717 175	475	010	0.001.107.046	371	000	0.001.108.060	2-573	022	0.001.108.175	7-773	045
12 41 1 720 635	475	010	0.001.107.046	2-473	008	0.001.108.063	475	010	0.001.108.176	376	002
12 41 1 729 981	2-475	010	0.001.107.047	374	002	0.001.108.064	475	010	0.001.108.177	775	046
12 41 1 729 982	2-475	010	0.001.107.048	1-474	009	0.001.108.065	475	010	0.001.108.181	372	001
12 41 1 740 373	2-395	134	0.001.107.049	1-477	011	0.001.108.066	877	053	0.001.108.182	1-777	047
12 41 1 740 374	378	002	0.001.107.054	6-773	045	0.001.108.068	877	053	0.001.108.183	4-382	007
12 41 4 354 823	378	002	0.001.107.055	6-773	045	0.001.108.069	877	053	0.001.108.197	5-973	060
12-41-2-247-063	2-396	137	0.001.107.059	371	000	0.001.108.070	877	053	0.001.108.205	5-973	060
12-41-2-249-295	2-396	137	0.001.107.062	372	001	0.001.108.072	773	044	0.001.108.220	7-773	045
12412247063	2-396	137	0.001.107.063	376	002	0.001.108.076	573	021	0.001.108.221	7-773	045
12412249295	2-396	137	0.001.107.066	1-479	012	0.001.108.079	775	046	0.001.108.400	4-382	007
7515392-04	3-396	137	0.001.107.067	372	001	0.001.108.080	1-475	010	0.001.108.401	378	002
7521116-05	4-397	138	0.001.107.068	6-773	045	0.001.108.084	675	036	0.001.108.408	1-371	000
7521122-03	4-397	138	0.001.107.069	6-773	045	0.001.108.087	973	059	0.001.108.420	1-381	003
7521123-04	7-381	005	0.001.107.075	978	062	0.001.108.088	1-573	022	0.001.108.421	1-381	003
763819402	1-382	006	0.001.107.076	372	001	0.001.108.088	574	022	0.001.108.450	1-381	003
7788380	2-395	134	0.001.107.078	372	001	0.001.108.089	574	022	0.001.108.995	675	036
BOMAG			0.001.107.079	978	062	0.001.108.091	574	022	0.001.108.996	675	036
05710924	742	042	0.001.107.082	371	000	0.001.108.092	574	022	0.001.108.997	675	036
05710928	742	042	0.001.107.087	1-371	000	0.001.108.093	775	046	0.001.109.015	4-473	008
BOMBARDIER			0.001.107.091	1-479	012	0.001.108.094	573	021	0.001.109.018	479	011
DAW26844	705	103	0.001.107.102	5-973	060	0.001.108.096	2-573	022	0.001.109.026	376	002
BOSCH			0.001.107.406	2-371	001	0.001.108.097	2-573	022	0.001.109.028	372	001
0.001.007.032	477	011	0.001.107.406	5-381	004	0.001.108.101	573	021	0.001.109.029	372	001
0.001.104.020	971	057	0.001.107.407	1-371	000	0.001.108.102	573	021	0.001.109.031	372	001
0.001.106.011	371	000	0.001.107.410	1-371	000	0.001.108.103	675	036	0.001.109.034	978	062
0.001.106.012	379	003	0.001.107.417	1-371	000	0.001.108.104	675	036	0.001.109.035	372	001
0.001.106.017	379	003	0.001.107.418	1-371	000	0.001.108.105	675	036	0.001.109.040	1-575	023
0.001.106.022	1-379	003	0.001.107.423	7-381	005	0.001.108.106	973	059	0.001.109.048	479	011
0.001.106.023	1-379	003	0.001.107.424	7-381	005	0.001.108.109	973	059	0.001.109.204	1-371	000
0.001.106.024	1-379	003	0.001.107.442	378	002	0.001.108.110	973	059	0.001.109.205	3-381	004
0.001.107.003	573	021	0.001.107.456	1-372	001	0.001.108.111	973	059	0.001.109.250	5-381	004

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0.001.109.252	372	001	0.001.110.111	474	009	0.001.116.003	377	002	0.001.208.200	571	020
0.001.109.300	2-381	004	0.001.110.112	2-371	001	0.001.120.400	7-381	005	0.001.208.200	580	024
0.001.109.302	2-381	004	0.001.110.113	778	049	0.001.120.401	7-381	005	0.001.208.201	571	020
0.001.109.306	6-381	005	0.001.110.120	1-575	023	0.001.120.402	7-381	005	0.001.208.201	580	024
0.001.109.307	6-381	005	0.001.110.122	7-773	045	0.001.120.403	7-381	005	0.001.208.202	522	013
0.001.109.364	4-382	007	0.001.110.123	7-773	045	0.001.121.001	972	057	0.001.208.204	575	022
0.001.109.371	6-381	005	0.001.110.124	1-479	012	0.001.121.002	972	057	0.001.208.206	526	014
0.001.109.375	6-381	005	0.001.110.124	775	046	0.001.121.006	972	057	0.001.208.208	571	020
0.001.109.376	6-381	005	0.001.110.125	775	046	0.001.121.007	972	057	0.001.208.208	580	024
0.001.110.001	573	021	0.001.110.128	7-773	045	0.001.121.008	972	057	0.001.208.209	672	035
0.001.110.002	573	021	0.001.110.132	978	062	0.001.121.009	972	057	0.001.208.211	771	043
0.001.110.003	777	047	0.001.110.999	873	052	0.001.121.016	972	057	0.001.208.219	578	023
0.001.110.005	575	022	0.001.111.001	3-674	036	0.001.121.017	972	057	0.001.208.221	771	043
0.001.110.009	876	053	0.001.111.005	3-674	036	0.001.121.018	972	057	0.001.208.224	2-573	022
0.001.110.010	475	010	0.001.112.003	573	021	0.001.121.019	972	057	0.001.208.227	528	014
0.001.110.011	474	009	0.001.112.005	773	044	0.001.121.026	972	057	0.001.208.232	675	036
0.001.110.012	575	022	0.001.112.008	573	021	0.001.121.104	1-578	024	0.001.208.403	627	026
0.001.110.014	573	021	0.001.112.009	675	036	0.001.121.127	1-578	024	0.001.208.403	727	038
0.001.110.014	2-573	022	0.001.112.010	2-573	022	0.001.121.412	381	003	0.001.208.404	877	053
0.001.110.015	573	021	0.001.112.011	2-573	022	0.001.121.413	381	003	0.001.208.407	877	053
0.001.110.015	2-573	022	0.001.112.012	675	036	0.001.121.422	9-381	005	0.001.208.408	575	022
0.001.110.016	874	052	0.001.112.015	4-775	046	0.001.121.423	9-381	005	0.001.208.410	575	022
0.001.110.017	873	052	0.001.112.016	973	059	0.001.121.427	9-381	005	0.001.208.411	573	021
0.001.110.024	877	053	0.001.112.017	4-473	008	0.001.121.428	9-381	005	0.001.208.411	2-573	022
0.001.110.025	575	022	0.001.112.018	3-775	046	0.001.121.439	5-382	007	0.001.208.412	573	021
0.001.110.026	777	047	0.001.112.021	972	057	0.001.121.440	5-382	007	0.001.208.412	2-573	022
0.001.110.029	573	021	0.001.112.027	972	057	0.001.121.443	9-381	005	0.001.208.413	577	023
0.001.110.030	573	021	0.001.112.032	2-777	048	0.001.121.444	9-381	005	0.001.208.414	573	021
0.001.110.031	573	021	0.001.112.033	973	059	0.001.123.016	8-381	005	0.001.208.419	573	021
0.001.110.031	2-573	022	0.001.112.035	4-775	046	0.001.124.001	972	057	0.001.208.420	877	053
0.001.110.032	2-573	022	0.001.112.036	374	002	0.001.124.005	573	021	0.001.208.421	877	053
0.001.110.033	573	021	0.001.112.038	972	057	0.001.124.005	2-573	022	0.001.208.425	876	053
0.001.110.039	778	049	0.001.112.039	972	057	0.001.124.006	573	021	0.001.208.426	876	053
0.001.110.040	473	007	0.001.112.041	377	002	0.001.124.006	2-573	022	0.001.208.429	876	053
0.001.110.041	475	010	0.001.112.041	679	037	0.001.125.001	2-573	022	0.001.208.501	578	023
0.001.110.042	573	021	0.001.112.044	972	057	0.001.125.005	972	057	0.001.208.507	873	052
0.001.110.047	473	007	0.001.112.045	972	057	0.001.125.006	972	057	0.001.208.513	578	023
0.001.110.053	778	049	0.001.113.009	973	059	0.001.125.009	972	057	0.001.208.516	573	021
0.001.110.054	2-674	036	0.001.113.010	371	000	0.001.125.012	972	057	0.001.208.516	873	052
0.001.110.057	2-573	022	0.001.114.003	573	021	0.001.125.013	972	057	0.001.208.517	777	047
0.001.110.058	2-573	022	0.001.114.003	773	044	0.001.125.031	2-573	022	0.001.208.528	777	047
0.001.110.059	473	007	0.001.114.004	573	021	0.001.125.039	972	057	0.001.208.707	573	021
0.001.110.060	472	007	0.001.114.005	773	044	0.001.125.042	972	057	0.001.208.707	873	052
0.001.110.061	573	021	0.001.114.006	573	021	0.001.125.043	972	057	0.001.208.714	573	021
0.001.110.061	2-573	022	0.001.114.009	573	021	0.001.125.052	972	057	0.001.208.719	573	021
0.001.110.062	2-573	022	0.001.114.015	573	021	0.001.138.058	1-382	006	0.001.209.001	621	024
0.001.110.063	573	021	0.001.114.015	773	044	0.001.207.016	621	024	0.001.209.006	621	024
0.001.110.069	2-573	022	0.001.114.016	573	021	0.001.207.017	621	024	0.001.209.014	621	024
0.001.110.070	2-573	022	0.001.114.024	573	021	0.001.207.018	621	024	0.001.211.002	724	038
0.001.110.071	2-475	010	0.001.115.002	372	001	0.001.207.019	621	024	0.001.211.004	724	038
0.001.110.072	2-475	010	0.001.115.005	5-973	060	0.001.208.006	724	038	0.001.211.005	724	038
0.001.110.073	472	007	0.001.115.007	372	001	0.001.208.014	724	038	0.001.211.013	622	024
0.001.110.076	972	057	0.001.115.008	2-371	001	0.001.208.030	623	025	0.001.211.014	724	038
0.001.110.077	972	057	0.001.115.011	473	007	0.001.208.047	625	025	0.001.211.016	724	038
0.001.110.086	972	057	0.001.115.013	473	007	0.001.208.049	526	014	0.001.211.018	623	025
0.001.110.089	777	047	0.001.115.025	1-381	003	0.001.208.055	526	014	0.001.211.023	623	025
0.001.110.100	573	021	0.001.115.079	1-381	003	0.001.208.056	625	025	0.001.211.200	522	013
0.001.110.101	573	021	0.001.115.088	3-381	004	0.001.208.058	625	025	0.001.211.201	522	013
0.001.110.104	973	059	0.001.115.092	3-381	004	0.001.208.059	625	025	0.001.211.206	578	023
0.001.110.110	475	010	0.001.116.001	373	001	0.001.208.100	777	047	0.001.211.207	573	021

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0.001.211.209	525	013	0.001.215.001	729	039	0.001.241.007	3-639	030	0.001.312.106	576	023
0.001.211.209	628	026	0.001.217.001	624	025	0.001.241.014	3-639	030	0.001.312.107	576	023
0.001.211.210	525	013	0.001.218.001	674	035	0.001.241.015	5-639	030	0.001.312.110	528	014
0.001.211.210	628	026	0.001.218.006	674	035	0.001.241.019	3-639	030	0.001.312.110	729	039
0.001.211.213	571	020	0.001.218.007	674	035	0.001.241.020	5-639	030	0.001.312.111	729	039
0.001.211.213	580	024	0.001.218.009	674	035	0.001.261.002	3-639	030	0.001.313.003	628	026
0.001.211.214	571	020	0.001.218.011	674	035	0.001.261.026	3-639	030	0.001.313.005	628	026
0.001.211.214	580	024	0.001.218.016	674	035	0.001.263.021	1-732	040	0.001.313.006	628	026
0.001.211.216	571	020	0.001.218.021	674	035	0.001.310.005	621	024	0.001.313.007	628	026
0.001.211.216	580	024	0.001.218.023	674	035	0.001.310.008	621	024	0.001.314.002	571	020
0.001.211.217	571	020	0.001.218.027	475	010	0.001.310.023	621	024	0.001.314.002	580	024
0.001.211.217	580	024	0.001.218.028	475	010	0.001.311.001	622	024	0.001.314.003	2-629	026
0.001.211.218	2-571	020	0.001.218.108	674	035	0.001.311.023	623	025	0.001.314.004	726	038
0.001.211.218	571	020	0.001.218.122	674	035	0.001.311.027	622	024	0.001.314.005	772	043
0.001.211.218	580	024	0.001.218.125	674	035	0.001.311.030	524	013	0.001.314.008	2-629	026
0.001.211.219	2-571	020	0.001.218.134	475	010	0.001.311.031	524	013	0.001.314.009	2-629	026
0.001.211.219	571	020	0.001.218.135	475	010	0.001.311.033	624	025	0.001.314.010	2-629	026
0.001.211.219	580	024	0.001.218.136	475	010	0.001.311.034	624	025	0.001.314.011	2-629	026
0.001.211.221	521	012	0.001.218.152	976	062	0.001.311.035	2-629	026	0.001.314.014	576	023
0.001.211.222	521	012	0.001.218.159	977	062	0.001.311.037	624	025	0.001.314.016	2-629	026
0.001.211.223	573	021	0.001.218.165	674	035	0.001.311.038	624	025	0.001.314.017	2-629	026
0.001.211.224	573	021	0.001.218.168	975	061	0.001.311.041	628	026	0.001.314.018	571	020
0.001.211.227	578	023	0.001.218.172	1-975	061	0.001.311.042	726	038	0.001.314.018	580	024
0.001.211.228	578	023	0.001.218.173	3-773	044	0.001.311.045	724	038	0.001.314.024	2-629	026
0.001.211.229	526	014	0.001.218.174	1-976	062	0.001.311.046	526	014	0.001.314.025	574	022
0.001.211.233	573	021	0.001.218.177	674	035	0.001.311.048	624	025	0.001.314.027	874	052
0.001.211.234	573	021	0.001.218.740	6-973	060	0.001.311.049	526	014	0.001.314.028	772	043
0.001.211.235	573	021	0.001.218.772	1-975	061	0.001.311.050	2-629	026	0.001.314.029	772	043
0.001.211.236	573	021	0.001.218.774	1-976	062	0.001.311.051	2-629	026	0.001.314.030	772	043
0.001.211.241	522	013	0.001.219.001	3-674	036	0.001.311.052	2-629	026	0.001.314.031	2-629	026
0.001.211.242	578	023	0.001.219.010	3-674	036	0.001.311.054	2-629	026	0.001.314.033	571	020
0.001.211.246	578	023	0.001.219.014	3-674	036	0.001.311.055	2-629	026	0.001.314.033	580	024
0.001.211.251	676	037	0.001.223.002	1-975	061	0.001.311.056	2-629	026	0.001.314.036	874	052
0.001.211.253	876	053	0.001.223.003	3-479	012	0.001.311.100	574	022	0.001.314.041	772	043
0.001.211.254	876	053	0.001.223.007	3-479	012	0.001.311.101	526	014	0.001.314.043	475	010
0.001.211.506	676	037	0.001.223.010	3-972	058	0.001.311.103	722	037	0.001.314.045	475	010
0.001.211.512	578	023	0.001.223.013	2-479	012	0.001.311.105	722	037	0.001.315.002	2-629	026
0.001.211.513	578	023	0.001.223.016	1-975	061	0.001.311.107	578	023	0.001.317.008	576	023
0.001.211.989	526	014	0.001.223.021	1-975	061	0.001.311.108	722	037	0.001.317.012	576	023
0.001.211.992	521	012	0.001.223.504	6-640	031	0.001.311.112	3-722	038	0.001.317.015	576	023
0.001.211.993	521	012	0.001.223.505	735	041	0.001.311.114	622	024	0.001.317.016	876	053
0.001.211.995	526	014	0.001.230.002	1-653	034	0.001.311.115	722	037	0.001.317.017	876	053
0.001.211.996	526	014	0.001.230.006	743	042	0.001.311.118	571	020	0.001.317.021	576	023
0.001.211.997	521	012	0.001.230.007	8-640	032	0.001.311.118	580	024	0.001.317.024	576	023
0.001.211.998	521	012	0.001.230.012	743	042	0.001.311.121	578	023	0.001.354.006	733	040
0.001.212.005	626	025	0.001.230.018	1-653	034	0.001.311.122	571	020	0.001.354.007	741	042
0.001.212.007	626	025	0.001.230.020	8-640	032	0.001.311.122	580	024	0.001.354.010	741	042
0.001.212.012	626	025	0.001.230.022	8-640	032	0.001.311.127	622	024	0.001.354.012	742	042
0.001.212.204	576	023	0.001.230.023	6-640	031	0.001.311.129	575	022	0.001.354.016	633	028
0.001.212.205	576	023	0.001.230.026	6-640	031	0.001.311.134	771	043	0.001.354.018	633	028
0.001.212.206	576	023	0.001.231.002	1-639	029	0.001.311.135	771	043	0.001.354.021	741	042
0.001.212.207	576	023	0.001.231.004	2-735	041	0.001.311.136	571	020	0.001.354.025	733	040
0.001.212.208	626	025	0.001.231.007	2-735	041	0.001.311.136	580	024	0.001.354.031	633	028
0.001.212.213	476	010	0.001.231.009	2-639	029	0.001.311.137	571	020	0.001.354.032	733	040
0.001.212.214	476	010	0.001.231.016	1-732	040	0.001.311.137	580	024	0.001.354.033	733	040
0.001.212.400	576	023	0.001.231.033	1-639	029	0.001.311.146	728	039	0.001.354.034	733	040
0.001.212.401	576	023	0.001.241.001	291	000	0.001.311.150	475	010	0.001.354.041	741	042
0.001.212.402	476	010	0.001.241.001	3-639	030	0.001.311.151	475	010	0.001.354.062	733	040
0.001.212.403	476	010	0.001.241.003	3-639	030	0.001.312.100	527	014	0.001.354.080	633	028
0.001.214.002	724	038	0.001.241.006	5-639	030	0.001.312.102	528	014	0.001.354.081	741	042

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BOSCH			**BOSCH**			**BOSCH**			**BOSCH**		
0.001.354.082	742	042	0.001.359.053	542	017	0.001.360.061	545	018	0.001.363.103	545	018
0.001.354.083	742	042	0.001.359.072	731	039	0.001.360.063	1-545	018	0.001.363.104	1-545	018
0.001.354.084	742	042	0.001.359.073	731	039	0.001.360.063	545	018	0.001.363.104	545	018
0.001.354.085	633	028	0.001.359.081	731	039	0.001.362.003	4-744	043	0.001.363.105	1-545	018
0.001.354.086	740	042	0.001.359.082	731	039	0.001.362.013	1-731	039	0.001.363.105	545	018
0.001.354.087	741	042	0.001.359.084	644	033	0.001.362.014	1-731	039	0.001.363.106	1-545	018
0.001.354.088	741	042	0.001.359.089	648	033	0.001.362.015	731	039	0.001.363.106	545	018
0.001.354.089	741	042	0.001.359.090	744	043	0.001.362.016	1-731	039	0.001.363.107	1-545	018
0.001.354.090	741	042	0.001.359.097	648	033	0.001.362.019	4-744	043	0.001.363.107	545	018
0.001.354.091	541	017	0.001.359.098	648	033	0.001.362.022	1-731	039	0.001.363.109	1-545	018
0.001.354.091	742	042	0.001.359.099	731	039	0.001.362.023	1-731	039	0.001.363.109	545	018
0.001.354.092	740	042	0.001.359.100	731	039	0.001.362.024	1-731	039	0.001.363.111	1-545	018
0.001.354.093	740	042	0.001.359.106	731	039	0.001.362.025	731	039	0.001.363.111	545	018
0.001.354.094	742	042	0.001.359.108	731	039	0.001.362.027	4-744	043	0.001.363.112	1-545	018
0.001.354.096	742	042	0.001.359.111	644	033	0.001.362.027	744	043	0.001.363.112	545	018
0.001.354.099	740	042	0.001.359.119	731	039	0.001.362.029	744	043	0.001.363.113	1-545	018
0.001.354.101	740	042	0.001.360.002	642	032	0.001.362.030	538	016	0.001.363.113	545	018
0.001.354.108	742	042	0.001.360.003	642	032	0.001.362.034	1-731	039	0.001.363.116	1-545	018
0.001.354.113	742	042	0.001.360.004	642	032	0.001.362.035	1-731	039	0.001.363.116	545	018
0.001.356.002	542	017	0.001.360.008	642	032	0.001.362.036	731	039	0.001.363.117	1-545	018
0.001.356.003	542	017	0.001.360.009	642	032	0.001.362.037	1-731	039	0.001.363.117	545	018
0.001.358.017	643	032	0.001.360.010	642	032	0.001.362.039	648	033	0.001.364.100	732	040
0.001.358.018	643	032	0.001.360.012	642	032	0.001.362.041	1-731	039	0.001.364.101	732	040
0.001.358.020	643	032	0.001.360.013	642	032	0.001.362.044	538	016	0.001.364.102	736	041
0.001.358.028	643	032	0.001.360.018	642	032	0.001.362.045	653	034	0.001.364.104	732	040
0.001.358.030	534	015	0.001.360.022	645	033	0.001.362.046	543	017	0.001.364.105	732	040
0.001.358.032	643	032	0.001.360.023	638	029	0.001.362.046	1-731	039	0.001.364.200	736	041
0.001.358.033	643	032	0.001.360.025	638	029	0.001.362.058	731	039	0.001.364.203	736	041
0.001.358.046	643	032	0.001.360.026	539	017	0.001.362.061	653	034	0.001.365.004	734	040
0.001.358.049	731	039	0.001.360.029	1-545	018	0.001.362.062	544	018	0.001.365.005	734	040
0.001.358.201	731	039	0.001.360.029	545	018	0.001.362.062	744	043	0.001.365.006	734	040
0.001.359.001	542	017	0.001.360.031	641	032	0.001.362.063	731	039	0.001.365.007	734	040
0.001.359.002	542	017	0.001.360.032	1-545	018	0.001.362.071	1-731	039	0.001.365.008	734	040
0.001.359.003	542	017	0.001.360.032	545	018	0.001.362.073	544	018	0.001.366.001	731	039
0.001.359.006	542	017	0.001.360.033	1-545	018	0.001.362.073	744	043	0.001.366.002	731	039
0.001.359.007	542	017	0.001.360.033	545	018	0.001.362.074	731	039	0.001.366.003	731	039
0.001.359.008	542	017	0.001.360.034	1-545	018	0.001.362.079	653	034	0.001.366.008	543	017
0.001.359.010	542	017	0.001.360.034	545	018	0.001.362.081	653	034	0.001.366.008	1-731	039
0.001.359.012	542	017	0.001.360.035	647	033	0.001.362.092	544	018	0.001.366.009	731	039
0.001.359.013	542	017	0.001.360.036	638	029	0.001.362.092	744	043	0.001.366.010	543	017
0.001.359.014	542	017	0.001.360.037	645	033	0.001.362.105	6-640	031	0.001.366.010	1-731	039
0.001.359.016	542	017	0.001.360.038	638	029	0.001.362.300	731	039	0.001.366.012	731	039
0.001.359.019	542	017	0.001.360.040	638	029	0.001.362.304	538	016	0.001.366.013	731	039
0.001.359.020	542	017	0.001.360.041	647	033	0.001.362.305	543	017	0.001.366.014	731	039
0.001.359.021	542	017	0.001.360.043	1-545	018	0.001.362.305	1-731	039	0.001.366.016	731	039
0.001.359.024	542	017	0.001.360.043	545	018	0.001.362.306	731	039	0.001.366.017	731	039
0.001.359.025	542	017	0.001.360.044	641	032	0.001.362.310	731	039	0.001.366.018	731	039
0.001.359.026	542	017	0.001.360.045	647	033	0.001.362.312	543	017	0.001.366.020	731	039
0.001.359.027	542	017	0.001.360.047	642	032	0.001.362.312	1-731	039	0.001.366.024	731	039
0.001.359.030	542	017	0.001.360.048	641	032	0.001.362.322	648	033	0.001.366.025	543	017
0.001.359.032	542	017	0.001.360.049	638	029	0.001.362.601	648	033	0.001.366.025	1-731	039
0.001.359.033	542	017	0.001.360.050	1-545	018	0.001.362.602	653	034	0.001.366.027	731	039
0.001.359.034	542	017	0.001.360.050	545	018	0.001.362.603	653	034	0.001.366.028	731	039
0.001.359.037	542	017	0.001.360.053	642	032	0.001.362.605	648	033	0.001.366.029	731	039
0.001.359.038	542	017	0.001.360.054	641	032	0.001.362.700	543	017	0.001.367.001	731	039
0.001.359.041	542	017	0.001.360.056	645	033	0.001.362.700	648	033	0.001.367.003	648	033
0.001.359.043	644	033	0.001.360.057	641	032	0.001.362.701	648	033	0.001.367.004	731	039
0.001.359.044	542	017	0.001.360.060	1-545	018	0.001.362.702	648	033	0.001.367.005	731	039
0.001.359.045	542	017	0.001.360.060	545	018	0.001.363.101	539	017	0.001.367.007	731	039
0.001.359.046	542	017	0.001.360.061	1-545	018	0.001.363.103	1-545	018	0.001.367.009	731	039

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BOSCH			**BOSCH**			**BOSCH**			**BOSCH**		
0.001.367.010	731	039	0.001.368.052	647	033	0.001.410.019	904	056	0.001.413.006	2-901	054
0.001.367.013	731	039	0.001.368.055	645	033	0.001.410.021	901	054	0.001.413.006	2-902	055
0.001.367.023	731	039	0.001.368.057	732	040	0.001.410.021	902	054	0.001.413.007	2-901	054
0.001.367.026	538	016	0.001.368.058	1-545	018	0.001.410.021	902	055	0.001.413.007	2-902	055
0.001.367.027	648	033	0.001.368.058	545	018	0.001.410.022	903	055	0.001.413.008	2-901	054
0.001.367.028	544	018	0.001.368.065	640	030	0.001.410.022	904	056	0.001.413.008	2-902	055
0.001.367.028	744	043	0.001.368.069	538	016	0.001.410.024	903	055	0.001.413.009	2-901	054
0.001.367.029	544	018	0.001.368.069	545	018	0.001.410.024	904	056	0.001.413.009	2-902	055
0.001.367.029	4-744	043	0.001.368.071	638	029	0.001.410.037	903	055	0.001.413.010	2-901	054
0.001.367.029	744	043	0.001.368.301	1-545	018	0.001.410.037	904	056	0.001.413.010	2-902	055
0.001.367.030	544	018	0.001.368.301	545	018	0.001.410.041	901	054	0.001.413.011	2-902	055
0.001.367.030	4-744	043	0.001.368.302	641	032	0.001.410.041	902	054	0.001.413.012	2-901	054
0.001.367.030	744	043	0.001.368.303	638	029	0.001.410.041	902	055	0.001.413.012	2-902	055
0.001.367.032	538	016	0.001.368.316	638	029	0.001.410.046	902	054	0.001.413.013	2-901	054
0.001.367.034	644	033	0.001.369.002	648	033	0.001.410.046	902	055	0.001.413.013	2-902	055
0.001.367.035	648	033	0.001.369.003	648	033	0.001.410.049	903	055	0.001.413.014	2-901	054
0.001.367.037	544	018	0.001.369.006	648	033	0.001.410.049	904	056	0.001.413.014	2-902	055
0.001.367.037	744	043	0.001.369.007	648	033	0.001.410.050	903	055	0.001.413.017	2-901	054
0.001.367.039	644	033	0.001.369.014	743	042	0.001.410.050	904	056	0.001.413.017	2-902	055
0.001.367.042	644	033	0.001.369.015	3-640	031	0.001.410.065	902	054	0.001.413.018	2-901	054
0.001.367.045	544	018	0.001.369.021	3-640	031	0.001.410.065	902	055	0.001.413.018	2-902	055
0.001.367.045	744	043	0.001.369.023	1-640	031	0.001.410.068	903	055	0.001.416.002	901	054
0.001.367.046	648	033	0.001.369.200	3-640	031	0.001.410.068	904	056	0.001.416.002	902	054
0.001.367.051	648	033	0.001.369.201	1-640	031	0.001.410.069	903	055	0.001.416.002	902	055
0.001.367.054	648	033	0.001.370.001	1-831	049	0.001.410.069	904	056	0.001.416.005	902	054
0.001.367.059	644	033	0.001.370.001	831	049	0.001.410.075	903	055	0.001.416.005	902	055
0.001.367.061	4-639	030	0.001.371.004	833	050	0.001.410.075	904	056	0.001.416.009	902	054
0.001.367.063	648	033	0.001.371.005	1-833	050	0.001.410.077	903	055	0.001.416.009	902	055
0.001.367.082	744	043	0.001.371.006	833	050	0.001.410.077	904	056	0.001.416.010	903	055
0.001.368.001	647	033	0.001.371.007	1-833	050	0.001.410.078	903	055	0.001.416.010	904	056
0.001.368.002	1-545	018	0.001.371.008	833	050	0.001.410.078	904	056	0.001.416.061	902	054
0.001.368.002	545	018	0.001.371.009	1-833	050	0.001.410.083	903	055	0.001.416.061	902	055
0.001.368.003	641	032	0.001.371.010	834	050	0.001.410.083	904	056	0.001.416.071	904	056
0.001.368.005	647	033	0.001.371.012	1-833	050	0.001.410.087	903	055	0.001.416.078	901	054
0.001.368.008	641	032	0.001.371.013	834	050	0.001.410.087	904	056	0.001.416.078	902	054
0.001.368.009	1-545	018	0.001.371.015	836	051	0.001.410.089	901	054	0.001.416.078	902	055
0.001.368.009	545	018	0.001.371.016	836	051	0.001.410.089	902	054	0.001.416.079	901	054
0.001.368.010	1-545	018	0.001.371.018	836	051	0.001.410.089	902	055	0.001.416.079	902	054
0.001.368.010	545	018	0.001.371.019	835	051	0.001.410.092	903	055	0.001.416.079	902	055
0.001.368.012	1-545	018	0.001.372.001	835	051	0.001.410.092	904	056	0.001.417.001	901	054
0.001.368.012	545	018	0.001.372.002	834	050	0.001.410.101	903	055	0.001.417.001	902	054
0.001.368.013	647	033	0.001.372.003	834	050	0.001.410.101	904	056	0.001.417.001	902	055
0.001.368.015	641	032	0.001.372.005	835	051	0.001.410.104	903	055	0.001.417.005	902	054
0.001.368.016	1-545	018	0.001.372.006	835	051	0.001.410.104	904	056	0.001.417.005	902	055
0.001.368.016	545	018	0.001.372.007	836	051	0.001.410.109	903	055	0.001.417.023	904	056
0.001.368.017	1-545	018	0.001.372.008	836	051	0.001.410.109	904	056	0.001.417.036	902	054
0.001.368.017	545	018	0.001.401.005	3-903	056	0.001.410.113	904	056	0.001.417.036	902	055
0.001.368.018	638	029	0.001.401.011	3-903	056	0.001.410.117	904	056	0.001.417.037	903	055
0.001.368.023	641	032	0.001.401.023	3-903	056	0.001.411.022	903	055	0.001.417.037	904	056
0.001.368.024	645	033	0.001.401.028	3-903	056	0.001.411.022	904	056	0.001.417.042	902	054
0.001.368.028	645	033	0.001.401.044	3-903	056	0.001.411.025	902	054	0.001.417.042	902	055
0.001.368.030	638	029	0.001.401.046	3-903	056	0.001.411.025	902	055	0.001.417.047	904	056
0.001.368.033	647	033	0.001.401.049	3-903	056	0.001.413.001	2-901	054	0.001.417.055	902	054
0.001.368.034	1-545	018	0.001.401.060	3-903	056	0.001.413.001	2-902	055	0.001.417.055	902	055
0.001.368.034	545	018	0.001.402...	4-903	056	0.001.413.003	2-901	054	0.001.417.064	901	054
0.001.368.034	640	030	0.001.402.011	4-903	056	0.001.413.003	2-902	055	0.001.417.064	902	054
0.001.368.040	1-545	018	0.001.402.040	4-903	056	0.001.413.004	2-903	056	0.001.417.064	902	055
0.001.368.040	545	018	0.001.402.053	4-903	056	0.001.413.004	2-904	057	0.001.417.065	902	054
0.001.368.041	638	029	0.001.402.079	4-903	056	0.001.413.005	2-903	056	0.001.417.065	902	055
0.001.368.042	647	033	0.001.410.019	903	055	0.001.413.005	2-904	057	0.001.417.065	903	055

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BOSCH			**BOSCH**			**BOSCH**			**BOSCH**		
0.001.417.065	904	056	6.004.AA0.010	3-777	048	9.000.082.032	580	024	9.000.082.081	878	053
0.001.417.067	903	055	6.004.AA0.013	5-775	047	9.000.082.033	574	022	9.000.082.082	878	053
0.001.417.067	904	056	6.004.AA0.016	5-775	047	9.000.082.034	571	020	9.000.082.083	878	053
0.001.417.068	902	054	6.004.AA0.017	4-777	048	9.000.082.034	580	024	9.000.082.084	671	034
0.001.417.068	902	055	6.004.AA0.019	4-773	045	9.000.082.035	571	020	9.000.082.085	878	053
0.001.417.069	903	055	6.004.AA0.020	5-775	047	9.000.082.035	580	024	9.000.083.000	534	015
0.001.417.069	904	056	6.004.AA0.021	2-873	052	9.000.082.036	872	051	9.000.083.001	534	015
0.001.417.075	902	054	6.004.AA0.022	2-873	052	9.000.082.039	574	022	9.000.083.002	534	015
0.001.417.075	902	055	6.004.AA0.023	1-979	064	9.000.082.040	574	022	9.000.083.003	534	015
0.001.417.075	903	055	6.004.AA0.027	1-979	064	9.000.082.041	571	020	9.000.083.004	534	015
0.001.417.076	902	054	6.004.AA0.031	2-873	052	9.000.082.041	580	024	9.000.083.011	534	015
0.001.417.076	902	055	6.004.AA0.032	2-873	052	9.000.082.042	571	020	9.000.083.012	534	015
0.001.417.076	903	055	6.004.AA2.004	4-777	048	9.000.082.042	580	024	9.000.083.013	534	015
0.001.417.078	901	054	6.004.AA2.005	4-777	048	9.000.082.043	571	020	9.000.083.014	549	019
0.001.417.078	902	054	6.004.AA3.004	5-777	048	9.000.082.043	580	024	9.000.083.015	533	015
0.001.417.078	902	055	6.004.AA3.005	5-777	048	9.000.082.045	571	020	9.000.083.016	523	013
0.001.418.001	2-901	054	6.033.AB1.J00	3-972	058	9.000.082.045	580	024	9.000.083.017	523	013
0.001.418.001	2-902	055	9.000.042.023	2-873	052	9.000.082.046	571	020	9.000.083.018	534	015
0.001.418.002	2-901	054	9.000.042.026	2-873	052	9.000.082.046	580	024	9.000.083.019	534	015
0.001.418.002	2-902	055	9.000.042.042	2-873	052	9.000.082.047	571	020	9.000.083.024	546	018
0.001.418.003	2-901	054	9.000.042.057	4-773	045	9.000.082.047	580	024	9.000.083.025	546	018
0.001.418.003	2-902	055	9.000.044.000	538	016	9.000.082.048	574	022	9.000.083.027	531	014
0.001.418.004	2-901	054	9.000.044.001	538	016	9.000.082.049	571	020	9.000.083.027	531	015
0.001.418.004	2-902	055	9.000.061.002	1-372	001	9.000.082.049	580	024	9.000.083.027	631	027
0.001.418.005	2-901	054	9.000.061.007	1-372	001	9.000.082.050	571	020	9.000.083.028	531	014
0.001.418.005	2-902	055	9.000.063.046	1-372	001	9.000.082.051	571	020	9.000.083.028	531	015
0.001.418.006	2-901	054	9.000.063.064	1-372	001	9.000.082.051	580	024	9.000.083.028	631	027
0.001.418.006	2-902	055	9.000.063.065	1-372	001	9.000.082.052	574	022	9.000.083.029	534	015
0.001.418.007	2-901	054	9.000.063.071	1-372	001	9.000.082.053	574	022	9.000.083.030	549	019
0.001.418.007	2-902	055	9.000.063.072	1-372	001	9.000.082.054	571	020	9.000.083.031	537	016
0.001.418.008	2-901	054	9.000.063.075	1-372	001	9.000.082.054	580	024	9.000.083.035	531	014
0.001.418.008	2-902	055	9.000.063.076	1-372	001	9.000.082.055	671	034	9.000.083.035	531	015
0.001.418.009	2-903	056	9.000.063.077	1-372	001	9.000.082.057	571	020	9.000.083.035	631	027
0.001.418.009	2-904	057	9.000.063.079	1-372	001	9.000.082.057	580	024	9.000.083.036	531	014
0.001.418.010	2-901	054	9.000.081.001	773	044	9.000.082.058	572	021	9.000.083.036	531	015
0.001.418.010	2-902	055	9.000.081.002	773	044	9.000.082.058	872	051	9.000.083.036	631	027
0.001.418.011	2-903	056	9.000.081.003	775	046	9.000.082.059	1-773	044	9.000.083.037	631	027
0.001.418.011	2-904	057	9.000.081.004	775	046	9.000.082.060	571	020	9.000.083.038	531	014
0.001.507.707	873	052	9.000.081.005	878	053	9.000.082.060	580	024	9.000.083.038	531	015
0.331.450.010	2-904	057	9.000.081.006	971	057	9.000.082.061	574	022	9.000.083.038	631	027
0.986.015.270	1-578	024	9.000.081.007	875	053	9.000.082.062	873	052	9.000.083.040	534	015
0.986.016.250	473	007	9.000.081.008	878	053	9.000.082.063	872	051	9.000.083.041	537	016
0.986.016.290	972	057	9.000.081.009	974	060	9.000.082.064	971	057	9.000.083.042	531	014
0.986.016.790	972	057	9.000.081.010	1-972	057	9.000.082.065	571	020	9.000.083.042	531	015
0.986.016.920	2-475	010	9.000.081.010	972	057	9.000.082.065	580	024	9.000.083.042	631	027
0.986.017.170	2-475	010	9.000.082.006	523	013	9.000.082.066	574	022	9.000.083.043	536	016
0.986.017.240	1-639	029	9.000.082.009	521	012	9.000.082.068	2-773	044	9.000.083.043	636	028
0.986.017.890	5-973	060	9.000.082.015	523	013	9.000.082.069	879	054	9.000.083.043	9-636	028
0.986.018.360	379	003	9.000.082.017	522	013	9.000.082.070	2-773	044	9.000.083.045	550	019
0.986.018.770	379	003	9.000.082.021	574	022	9.000.082.071	671	034	9.000.083.046	536	016
0.986.018.950	6-381	005	9.000.082.023	524	013	9.000.082.072	871	051	9.000.083.046	636	028
0.986.019.500	5-973	060	9.000.082.024	522	013	9.000.082.073	571	020	9.000.083.046	9-636	028
0.986.021.480	291	000	9.000.082.025	571	020	9.000.082.073	580	024	9.000.083.050	548	019
0.986.021.480	3-639	030	9.000.082.025	580	024	9.000.082.074	875	053	9.000.083.051	537	016
0.986.022.260	5-639	030	9.000.082.028	571	020	9.000.082.075	671	034	9.000.083.052	550	019
0.986.022.290	381	003	9.000.082.028	580	024	9.000.082.076	971	057	9.000.083.053	531	014
0986018570	495	191	9.000.082.030	571	020	9.000.082.077	879	054	9.000.083.053	531	015
0986018571	495	191	9.000.082.030	580	024	9.000.082.078	971	057	9.000.083.053	631	027
6.004.AA0.002	4-777	048	9.000.082.031	521	012	9.000.082.079	878	053	9.000.083.054	531	014
6.004.AA0.003	1-979	064	9.000.082.032	571	020	9.000.082.080	878	053	9.000.083.054	531	015

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BOSCH			**BOSCH**			**BOSCH**			**BOSCH**		
9.000.083.054	631	027	9.000.084.010	901	054	9.000.410.089	902	054	9.000.453.065	831	049
9.000.083.055	531	014	9.000.084.010	902	054	9.000.410.089	902	055	9.000.453.066	831	049
9.000.083.055	531	015	9.000.084.010	902	055	9.000.451.001	515	205	9.000.453.067	831	049
9.000.083.055	631	027	9.000.084.011	903	055	9.000.451.002	512	204	9.000.453.068	832	050
9.000.083.056	531	014	9.000.084.011	904	056	9.000.451.003	511	203	9.000.453.072	537	016
9.000.083.056	531	015	9.000.084.012	901	054	9.000.451.003	516	205	9.000.453.074	537	016
9.000.083.056	631	027	9.000.084.012	902	054	9.000.451.010	515	205	9.000.453.075	550	019
9.000.083.057	531	014	9.000.084.012	902	055	9.000.451.011	511	203	9.000.453.076	537	016
9.000.083.057	531	015	9.000.084.013	903	055	9.000.451.011	516	205	9.000.453.079	536	016
9.000.083.058	531	014	9.000.084.013	904	056	9.000.451.017	514	204	9.000.453.079	636	028
9.000.083.058	531	015	9.000.084.014	901	054	9.000.451.024	514	204	9.000.453.079	9-636	028
9.000.083.058	631	027	9.000.084.014	902	054	9.000.452.001	513	204	9.000.453.080	531	014
9.000.083.059	531	014	9.000.084.014	902	055	9.000.452.002	1-514	204	9.000.453.080	531	015
9.000.083.059	531	015	9.000.084.015	901	054	9.000.452.003	513	204	9.000.453.080	632	027
9.000.083.059	631	027	9.000.084.015	902	054	9.000.452.004	1-514	204	9.000.453.082	531	014
9.000.083.060	531	014	9.000.084.015	902	055	9.000.453.004	501	201	9.000.453.082	531	015
9.000.083.060	531	015	9.000.084.016	903	055	9.000.453.004	506	202	9.000.453.082	632	027
9.000.083.061	537	016	9.000.084.016	904	056	9.000.453.006	501	201	9.000.453.083	537	016
9.000.083.062	537	016	9.000.084.018	901	054	9.000.453.009	501	201	9.000.453.086	550	019
9.000.083.063	550	019	9.000.084.018	902	054	9.000.453.011	518	205	9.000.453.088	536	016
9.000.083.064	536	016	9.000.084.018	902	055	9.000.453.012	501	201	9.000.453.088	636	028
9.000.083.064	636	028	9.000.084.019	901	054	9.000.453.014	501	201	9.000.453.088	9-636	028
9.000.083.064	9-636	028	9.000.084.019	902	054	9.000.453.014	506	202	9.000.453.089	531	014
9.000.083.065	547	019	9.000.084.019	902	055	9.000.453.015	518	205	9.000.453.089	531	015
9.000.083.065	637	028	9.000.084.020	903	055	9.000.453.016	501	201	9.000.453.091	531	014
9.000.083.065	9-637	029	9.000.084.020	904	056	9.000.453.016	506	202	9.000.453.091	531	015
9.000.083.066	550	019	9.000.084.021	901	054	9.000.453.017	501	201	9.000.453.091	632	027
9.000.083.067	531	014	9.000.084.021	902	054	9.000.453.019	501	201	9.001.081.033	775	046
9.000.083.067	531	015	9.000.084.021	902	055	9.000.453.024	510	203	9.007.044.015	8-640	032
9.000.083.067	631	027	9.000.084.022	901	054	9.000.453.027	501	201	9.007.045.002	6-473	009
9.000.083.068	548	019	9.000.084.022	902	054	9.000.453.027	506	202	9.007.045.009	1-477	011
9.000.083.069	531	014	9.000.084.022	902	055	9.000.453.029	1-831	049	9.007.045.018	979	063
9.000.083.069	531	015	9.000.084.023	901	054	9.000.453.029	831	049	9.007.045.020	1-477	011
9.000.083.069	631	027	9.000.084.023	902	054	9.000.453.033	501	201	9.007.046.004	6-775	047
9.000.083.071	531	014	9.000.084.023	902	055	9.000.453.033	506	202	BX107068	6-773	045
9.000.083.071	531	015	9.000.084.024	901	054	9.000.453.038	503	201	BX108157	378	002
9.000.083.071	631	027	9.000.084.024	902	054	9.000.453.041	501	201	BX110071	2-475	010
9.000.083.072	531	014	9.000.084.024	902	055	9.000.453.041	506	202	BX110072	2-475	010
9.000.083.072	531	015	9.000.084.025	903	055	9.000.453.042	503	201	BXF456	1-372	001
9.000.083.072	631	027	9.000.084.025	904	056	9.000.453.043	501	201	F 000 AL0 143	3-382	006
9.000.083.073	536	016	9.000.084.026	901	054	9.000.453.044	503	201	F 000 AL0 149	3-382	006
9.000.083.073	636	028	9.000.084.026	902	054	9.000.453.045	503	201	F.000.AL0.100	1-479	012
9.000.083.073	9-636	028	9.000.084.026	902	055	9.000.453.046	501	201	F.000.AL0.101	2-973	059
9.000.083.074	537	016	9.000.142.001	672	035	9.000.453.047	518	205	F.000.AL0.102	1-479	012
9.000.083.075	537	016	9.000.142.002	672	035	9.000.453.047	1-518	206	F.000.AL0.103	3-973	059
9.000.083.076	536	016	9.000.142.014	672	035	9.000.453.049	501	201	F.000.AL0.104	3-973	059
9.000.083.076	636	028	9.000.143.017	538	016	9.000.453.049	506	202	F.000.AL0.105	2-972	058
9.000.083.076	9-636	028	9.000.143.415	538	016	9.000.453.050	518	205	F.000.AL0.106	1-978	063
9.000.083.077	531	014	9.000.331.419	674	035	9.000.453.050	1-518	206	F.000.AL0.107	2-972	058
9.000.083.077	531	015	9.000.331.432	975	061	9.000.453.051	501	201	F.000.AL0.108	978	062
9.000.083.077	631	027	9.000.331.433	975	061	9.000.453.051	506	202	F.000.AL0.111	3-978	063
9.000.083.089	631	027	9.000.332.401	3-674	036	9.000.453.052	501	201	F.000.AL0.112	5-972	058
9.000.084.007	901	054	9.000.332.402	3-674	036	9.000.453.053	501	201	F.000.AL0.119	5-473	009
9.000.084.007	902	054	9.000.410.021	901	054	9.000.453.053	506	202	F.000.AL0.123	1-873	052
9.000.084.007	902	055	9.000.410.021	902	054	9.000.453.054	501	201	F.000.AL0.126	971	057
9.000.084.008	901	054	9.000.410.021	902	055	9.000.453.055	504	202	F.000.AL0.128	3-571	021
9.000.084.008	902	054	9.000.410.036	901	054	9.000.453.057	510	203	F.000.AL0.129	6-972	058
9.000.084.008	902	055	9.000.410.041	901	054	9.000.453.061	503	201	F.000.AL0.130	6-972	058
9.000.084.009	902	054	9.000.410.041	902	054	9.000.453.062	501	201	F.000.AL0.131	6-972	058
9.000.084.009	902	055	9.000.410.041	902	055	9.000.453.063	832	050	F.000.AL0.133	6-972	058

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BOSCH			**BOSCH**			**CITROËN**			**DAF**		
F.000.AL0.135	3-571	021	F009AL0101	495	191	5802 AS	3-381	004	1284775	834	050
F.000.AL0.136	3-571	021	SR0429N	473	007	580228	672	035	1317220	834	050
F.000.AL0.137	3-571	021	SR0429X	473	007	5802CW	5-993	167	1318615	834	050
F.000.AL0.138	3-571	021	SR468X	473	007	5802E5	376	002	1329660	834	050
F.000.AL0.139	3-571	021	SR5059X	1-411	113	5802M9	377	002	1357210	836	051
F.000.AL0.150	6-972	058	**CASE**			5802Q7	1-993	166	1357211	836	051
F.000.AL0.151	6-972	058	148031A1	632	027	5802V7	5-993	167	1357212	836	051
F.000.AL0.152	6-972	058	14803A1	632	027	5802W3	5-993	167	1357213	836	051
F.000.AL0.157	5-671	035	4711 15 75	826	129	5802Y6	2-397	138	1524014R	2-381	004
F.000.AL0.300	974	060	4892338	1-732	040	7702105792	672	035	1604246	3-639	030
F.000.AL0.301	971	057	75264239	4-408	073	9150880180	672	035	1609467	2-735	041
F.000.AL0.302	1-973	059	75264239	5-408	073	91536044	376	002	1667205	3-639	030
F.000.AL0.303	974	060	82021372	825	129	96035035	376	002	1667425	5-639	030
F.000.AL0.304	2-775	046	8428 45 40	826	129	96054384	376	002	1688625	5-639	030
F.000.AL0.305	974	060	87318759	825	129	96087193	377	002	1688720	3-639	030
F.000.AL0.306	879	054	87653221	825	129	96093132	377	002	1739935	5-639	030
F.000.AL0.307	478	011	**CATERPILLAR**			96147592	376	002	**DELCO REMY**		
F.000.AL0.309	1-974	061	0R5213	1-950	098	96155198	376	002	10070033	842	157
F.000.AL0.310	1-974	061	10R0397	2-362	070	96251686	3-973	059	10070034	842	157
F.000.AL0.313	571	020	10R7586	1-897	161	9625168680	5-993	167	10455010	4-861	095
F.000.AL0.314	2-775	046	1252988	1-897	161	96262614	1-993	166	10455010	861	095
F.000.AL0.315	377	002	1438434	1-362	069	96288707	377	002	10455011	4-861	095
F.000.AL0.315	679	037	1438434	468	085	96325689	1-777	047	10455011	861	095
F.000.AL0.327	377	002	2071516	2-362	070	96343143	376	002	10455011	862	095
F.000.AL0.328	971	057	2071556	361	069	9648644680	2-494	189	10455012	4-861	095
F.000.AL0.329	879	054	2724774	1-897	161	97530824	377	002	10455012	861	095
F.000.AL0.330	2-775	046	3I8205	1-950	098	**CNH**			10455012	862	095
F.000.AL0.400	971	057	9X9995	1-362	069	75259789	810	088	10455013	4-861	095
F.000.AL0.401	1-972	057	9X9995	468	085	75323042	810	088	10455013	861	095
F.000.AL0.402	1-972	057	9Y1945	1-362	069	75323045	810	088	10455013	862	095
F.000.AL0.402	972	057	9Y1945	468	085	75327465	1-818	090	10455014	862	095
F.000.AL0.413	971	057	KW0779	2-842	158	75327465	1-818	091	10455025	4-861	095
F.000.AL0.414	1-972	057	**CHRYSLER**			C148031A1	807	088	10455025	861	095
F.000.AL0.415	1-972	057	04793493	1-979	064	**CUMMINS**			10455025	862	095
F.000.AL0.415	972	057	04793804	979	063	21BJ077	4-897	162	10455026	4-861	095
F.000.AL0.502	971	057	04801839AB	1-665	102	3010125RX	1-950	098	10455026	861	095
F.000.AL0.507	971	057	04801852AB	665	101	3021038	1-950	098	10455042	4-861	095
F.000.AL0.900	1-372	001	4057937	664	101	3282731	810	088	10455042	861	095
F.000.CD0.001	2-974	061	4339474	701	102	3355207	1-831	049	10455047	4-861	095
F.000.CD0.002	6-271	000	4609058	4-992	165	3603868RX	1-950	098	10455047	861	095
F.000.CD0.003	2-382	006	4609058	992	165	3603888RX	1-950	098	10455048	4-861	095
F.000.CD0.800	382	006	4793493	1-979	064	3908594	360	068	10455048	861	095
F.000.CD0.801	382	006	4793804	979	063	3909914	1-551	085	10455051	4-861	095
F.000.CD0.8A0	382	006	4801839AB	1-665	102	3916854	805	087	10455051	861	095
F.000.CD0.900	4-381	004	4801852AB	665	101	3918376	805	087	10455053	4-861	095
F.000.CD0.901	4-381	004	5213085	664	101	3918377	810	088	10455053	861	095
F.000.CD0.9A0	4-381	004	5213590	701	102	3918378	810	088	10455054	4-861	095
F.000.CD1.008	2-974	061	5213645	701	102	3924410	808	088	10455054	861	095
F.002.G20.904	291	000	5226742	701	102	3936148	807	088	10455060	4-861	095
F.002.G20.904	3-536	016	56041012AB	5-695	149	3938501	355	067	10455060	861	095
F.005.M00.012	1-873	052	56041012AB	6-695	150	3939649	807	088	10455061	4-861	095
F.005.M00.014	1-873	052	56041012AD	5-695	149	4081235	1-950	098	10455061	861	095
F.005.M00.016	1-372	001	56041012AD	6-695	150	4892338	1-732	040	10455070	4-861	095
F.005.M00.024	5-473	009	56041013AB	5-695	149	4941055	1-818	090	10455070	861	095
F.005.M00.900	1-372	001	56041013AC	5-695	149	4941055	1-818	091	10455076	4-861	095
F.009.AL0.103	971	057	56041013AE	5-695	149	4948058	4-897	162	10455076	861	095
F.010.AL0.101	4-973	060	RL801839AB	1-665	102	C4948058	4-897	162	10455505	3-698	087
F.010.AL0.103	971	057	RL801852AB	665	101	M970979	2-842	158	10455711	2-795	156
F.010.AL0.301	974	060	**CITROËN**			**DAEWOO**			10461001	354	067
F.042.002.135	3-639	030	5802 AQ	2-381	004	96208782	865	096	10461007	354	067

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DELCO REMY			**DELCO REMY**			**DELCO REMY**			**DELCO REMY**		
10461025	362	069	10478802	356	067	10478897	465	084	10478964	456	081
10461030	362	069	10478802	456	080	10478898	361	069	10478965	357	068
10461035	362	069	10478802	456	081	10478898	464	084	10478965	457	081
10461069	354	067	10478803	356	067	10478910	951	099	10478966	356	067
10461187	362	069	10478803	456	080	10478911	950	097	10478966	456	080
10461189	2-950	098	10478803	456	081	10478911	950	098	10478966	456	081
10461190	2-950	098	10478804	356	067	10478918	357	068	10478967	356	067
10461199	354	067	10478804	456	080	10478918	457	081	10478967	456	080
10461222	362	069	10478804	456	081	10478921	463	084	10478967	456	081
10461324	841	092	10478805	2-352	066	10478927	2-352	066	10478969	1-362	069
10461334	4-407	072	10478805	2-452	079	10478927	2-452	079	10478976	2-360	068
10461334	5-407	072	10478806	352	065	10478928	2-352	066	10478976	2-460	082
10461357	362	069	10478806	352	066	10478928	2-452	079	10478977	357	068
10461358	362	069	10478806	452	078	10478929	2-352	066	10478977	457	081
10461359	362	069	10478806	452	079	10478929	2-452	079	10478978	356	067
10461360	362	069	10478810	356	067	10478930	2-352	066	10478978	456	080
10461361	362	069	10478810	456	080	10478930	2-452	079	10478978	456	081
10461365	362	069	10478810	456	081	10478931	2-356	068	10478979	462	083
10461396	362	069	10478811	2-360	068	10478931	2-456	081	10478980	361	069
10461397	362	069	10478811	2-460	082	10478932	2-356	068	10478980	461	083
10461410	362	069	10478812	365	070	10478932	2-456	081	10478981	361	069
10461412	362	069	10478812	465	084	10478933	2-356	068	10478981	461	083
10461413	362	069	10478813	951	099	10478933	2-456	081	10478983	356	067
10461454	1-817	090	10478814	360	068	10478934	2-356	068	10478983	456	080
10461454	817	090	10478814	460	082	10478934	2-456	081	10478983	456	081
10461744	1-950	098	10478816	356	067	10478935	2-356	068	10478984	357	068
10461753	4-407	072	10478816	456	080	10478935	2-456	081	10478984	457	081
10461753	5-407	072	10478816	456	081	10478936	2-356	068	10478985	357	068
10461753	841	092	10478818	365	070	10478936	2-456	081	10478985	457	081
10461754	1-841	092	10478818	465	084	10478937	2-362	070	10478986	361	069
10461755	4-407	072	10478819	2-360	068	10478938	2-461	083	10478986	461	083
10461755	5-407	072	10478819	360	068	10478939	2-461	083	10478987	2-356	068
10461756	1-841	092	10478819	2-460	082	10478940	2-461	083	10478987	2-456	081
10461757	4-407	072	10478819	460	082	10478941	2-461	083	10478988	362	069
10461757	5-407	072	10478820	361	069	10478942	2-461	083	10478988	2-461	083
10461758	1-841	092	10478820	461	083	10478943	2-362	070	10478989	361	069
10461759	1-841	092	10478825	3-452	079	10478943	2-461	083	10478989	461	083
10461760	4-407	072	10478831	352	065	10478944	2-461	083	10478990	361	069
10461760	5-407	072	10478831	352	066	10478946	2-461	083	10478990	461	083
10461764	3-407	071	10478831	452	078	10478947	362	069	10478991	357	068
10461764	3-818	091	10478831	452	079	10478947	2-461	083	10478991	457	081
10461765	3-818	091	10478832	2-356	068	10478948	2-461	083	10478992	356	067
10461768	840	092	10478832	2-456	081	10478949	3-452	079	10478992	456	080
10461769	840	092	10478833	2-356	068	10478951	2-356	068	10478992	456	081
10461770	818	090	10478833	2-456	081	10478951	2-456	081	10478996	361	069
10461771	818	090	10478836	462	083	10478952	362	069	10478996	461	083
10461772	818	090	10478839	361	069	10478952	2-461	083	10478997	356	067
10461773	4-407	072	10478839	461	083	10478953	355	067	10478997	456	080
10461773	5-407	072	10478877	951	099	10478953	455	080	10478997	456	081
10461773	841	092	10478881	951	099	10478957	2-352	066	10478998	361	069
10461774	1-840	092	10478890	355	067	10478957	2-452	079	10478999	465	084
10461775	840	092	10478890	463	084	10478960	2-360	068	10479000	356	067
10461776	1-840	092	10478892	462	083	10478960	2-460	082	10479000	456	080
10461777	4-407	072	10478893	462	083	10478961	1-362	069	10479000	456	081
10461777	5-407	072	10478894	356	067	10478961	468	085	10479003	357	068
10461777	841	092	10478894	456	080	10478962	356	067	10479003	457	081
10465298	864	096	10478894	456	081	10478962	456	080	10479004	2-356	068
10478801	356	067	10478895	356	067	10478962	456	081	10479004	2-456	081
10478801	456	080	10478895	456	080	10478964	356	067	10479005	2-356	068
10478801	456	081	10478895	456	081	10478964	456	080	10479005	2-456	081

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DELCO REMY			**DELCO REMY**			**DELCO REMY**			**DELCO REMY**		
10479006	2-356	068	10479043	464	084	10479186	2-452	079	10479645	1-817	090
10479006	2-456	081	10479052	2-356	068	10479187	355	067	10479646	2-407	071
10479007	2-356	068	10479052	2-456	081	10479196	360	068	10479646	3-407	071
10479007	2-456	081	10479053	362	069	10479196	7-408	074	10479648	1-817	090
10479008	362	069	10479053	2-461	083	10479202	362	069	10479648	817	090
10479008	2-461	083	10479054	2-352	066	10479215	465	084	10479650	2-409	075
10479009	2-362	070	10479054	2-452	079	10479220	362	069	10479650	815	089
10479009	2-461	083	10479060	465	084	10479223	362	069	10479651	2-407	071
10479010	2-362	070	10479061	465	084	10479245	362	069	10479651	3-407	071
10479010	2-461	083	10479062	356	067	10479291	362	069	10479651	805	087
10479011	362	069	10479062	456	080	10479292	1-362	069	10479652	6-408	074
10479011	2-461	083	10479062	456	081	10479292	369	070	10479652	810	088
10479012	361	069	10479063	356	067	10479292	7-408	074	10479654	810	088
10479012	362	069	10479063	456	080	10479302	360	068	10479655	810	088
10479012	461	083	10479063	456	081	10479303	362	069	1109222	950	097
10479013	1-362	069	10479064	356	067	10479308	362	069	1109222	950	098
10479013	468	085	10479064	456	080	10479310	1-362	069	1109285	950	097
10479014	2-352	066	10479064	456	081	10479310	369	070	1109285	950	098
10479014	2-452	079	10479065	356	067	10479310	7-408	074	1109292	950	097
10479015	2-352	066	10479065	456	080	10479339	950	097	1109292	950	098
10479015	2-452	079	10479065	456	081	10479339	950	098	1109294	950	097
10479016	2-352	066	10479067	361	069	10479343	1-950	098	1109294	950	098
10479016	2-452	079	10479067	461	083	10479600	811	089	1109295	951	099
10479017	2-356	068	10479068	352	065	10479600	812	089	1109296	950	097
10479017	2-456	081	10479068	352	066	10479604	805	087	1109296	950	098
10479018	356	067	10479068	452	078	10479605	810	088	1109299	950	097
10479018	456	080	10479068	452	079	10479606	809	088	1109299	950	098
10479018	456	081	10479069	355	067	10479607	809	088	1109493	950	097
10479019	356	067	10479069	455	080	10479608	811	089	1109493	950	098
10479019	456	080	10479072	458	082	10479608	812	089	1109494	950	097
10479019	456	081	10479075	2-950	098	10479612	810	088	1109494	950	098
10479020	2-360	068	10479078	356	067	10479613	808	088	1109497	950	097
10479020	2-460	082	10479079	464	084	10479614	807	088	1109497	950	098
10479021	356	067	10479080	356	067	10479614	809	088	1109545	951	099
10479021	456	080	10479082	356	067	10479615	807	088	1109553	950	097
10479021	456	081	10479088	2-950	098	10479615	809	088	1109553	950	098
10479022	361	069	10479090	356	067	10479616	811	089	1109554	951	099
10479022	461	083	10479091	356	067	10479616	812	089	1109555	950	097
10479023	465	084	10479092	356	067	10479617	809	088	1109555	950	098
10479024	464	084	10479097	362	069	10479618	808	088	1109624	950	097
10479026	356	067	10479099	356	067	10479619	805	087	1109624	950	098
10479027	356	067	10479100	362	069	10479620	809	088	1109628	950	097
10479028	356	067	10479117	355	067	10479621	805	087	1109628	950	098
10479030	356	067	10479119	362	069	10479622	810	088	1109630	950	097
10479034	2-352	066	10479120	362	069	10479623	810	088	1109630	950	098
10479034	2-452	079	10479136	362	069	10479624	805	087	1109631	950	097
10479035	355	067	10479149	362	069	10479625	808	088	1109631	950	098
10479035	455	080	10479164	361	069	10479626	815	089	1109632	950	097
10479036	352	065	10479165	365	070	10479628	808	088	1109632	950	098
10479036	352	066	10479165	465	084	10479629	810	088	1109633	950	097
10479036	452	078	10479168	362	069	10479630	807	088	1109633	950	098
10479036	452	079	10479168	2-461	083	10479630	808	088	1109635	950	097
10479037	356	067	10479169	355	067	10479634	807	088	1109635	950	098
10479037	456	080	10479170	355	067	10479636	808	088	1109637	950	097
10479037	456	081	10479172	1-362	069	10479637	817	090	1109637	950	098
10479038	356	067	10479172	468	085	10479638	805	087	1109638	950	097
10479038	456	080	10479174	352	065	10479640	808	088	1109638	950	098
10479038	456	081	10479174	352	066	10479641	808	088	1109640	950	097
10479040	356	067	10479178	2-362	070	10479643	807	088	1109640	950	098
10479041	356	067	10479186	2-352	066	10479644	807	088	1109641	950	097

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DELCO REMY			**DELCO REMY**			**DELCO REMY**			**DELCO REMY**		
1109641	950	098	1113273	805	087	1114681	950	097	1114822	951	099
1109642	950	097	1113274	805	087	1114681	950	098	1114823	951	099
1109642	950	098	1113275	805	087	1114682	950	097	1114825	951	099
1109643	950	097	1113276	805	087	1114682	950	098	1114827	951	099
1109643	950	098	1113277	810	088	1114683	950	097	1114828	951	099
1109644	950	097	1113278	805	087	1114683	950	098	1114832	951	099
1109644	950	098	1113279	805	087	1114684	950	097	1114834	951	099
1109645	950	097	1113280	805	087	1114684	950	098	1114835	951	099
1109645	950	098	1113281	805	087	1114685	950	097	1114836	951	099
1109646	950	097	1113282	805	087	1114685	950	098	1114839	951	099
1109646	950	098	1113283	808	088	1114686	950	097	1114840	950	097
1109647	950	097	1113284	805	087	1114686	950	098	1114840	950	098
1109647	950	098	1113285	808	088	1114687	950	097	1114842	950	097
1109648	950	097	1113286	805	087	1114687	950	098	1114842	950	098
1109648	950	098	1113287	805	087	1114688	950	097	1114846	950	097
1109649	950	097	1113288	809	088	1114688	950	098	1114846	950	098
1109649	950	098	1113289	805	087	1114689	950	097	1114848	950	097
1109830	950	097	1113290	805	087	1114689	950	098	1114848	950	098
1109830	950	098	1113291	810	088	1114748	951	099	1114849	950	097
1109832	950	097	1113292	805	087	1114749	951	099	1114849	950	098
1109832	950	098	1113295	806	087	1114750	951	099	1114850	950	097
1109833	950	097	1113296	805	087	1114751	951	099	1114850	950	098
1109833	950	098	1113296	806	087	1114752	951	099	1114851	950	097
1109834	950	097	1113297	805	087	1114753	951	099	1114851	950	098
1109834	950	098	1113500	951	099	1114754	951	099	1114852	950	097
1109835	950	097	1113532	951	099	1114755	950	097	1114852	950	098
1109835	950	098	1113533	950	097	1114755	950	098	1114853	950	097
1109836	950	097	1113533	950	098	1114756	950	097	1114853	950	098
1109836	950	098	1113534	950	097	1114756	950	098	1114854	950	097
1109837	950	097	1113534	950	098	1114757	951	099	1114854	950	098
1109837	950	098	1113535	950	097	1114758	951	099	1114855	950	097
1109838	950	097	1113535	950	098	1114759	950	097	1114855	950	098
1109838	950	098	1113536	950	097	1114759	950	098	1114856	950	097
1109839	950	097	1113536	950	098	1114761	951	099	1114856	950	098
1109839	950	098	1113537	951	099	1114762	950	097	1114857	950	097
1109840	950	097	1113538	951	099	1114762	950	098	1114857	950	098
1109840	950	098	1113539	950	097	1114765	951	099	1114858	950	097
1109841	950	097	1113539	950	098	1114766	951	099	1114858	950	098
1109841	950	098	1113540	950	097	1114767	950	097	1114859	950	097
1109842	950	097	1113540	950	098	1114767	950	098	1114859	950	098
1109842	950	098	1113541	950	097	1114769	951	099	1114861	950	097
1109844	950	097	1113541	950	098	1114770	951	099	1114861	950	098
1109844	950	098	1113542	950	097	1114771	951	099	1114862	950	097
1109845	950	097	1113542	950	098	1114772	950	097	1114862	950	098
1109845	950	098	1113543	951	099	1114772	950	098	1114863	950	097
1109846	950	097	1113544	950	097	1114802	951	099	1114863	950	098
1109846	950	098	1113544	950	098	1114805	950	097	1114864	950	097
1109847	950	097	1113545	950	097	1114805	950	098	1114864	950	098
1109847	950	098	1113545	950	098	1114807	951	099	1114865	950	097
1109848	950	097	1113547	951	099	1114808	951	099	1114865	950	098
1109848	950	098	1113584	950	097	1114809	951	099	1114871	950	097
1109849	950	097	1113584	950	098	1114810	951	099	1114871	950	098
1109849	950	098	1113585	950	097	1114811	951	099	1114872	950	097
1113269	805	087	1113585	950	098	1114812	951	099	1114872	950	098
1113269	806	087	1114677	950	097	1114814	951	099	1114873	950	097
1113270	805	087	1114677	950	098	1114815	951	099	1114873	950	098
1113270	806	087	1114679	950	097	1114817	951	099	1114874	950	097
1113271	808	088	1114679	950	098	1114818	951	099	1114874	950	098
1113272	811	089	1114680	950	097	1114819	951	099	1114875	950	097
1113272	812	089	1114680	950	098	1114821	951	099	1114875	950	098

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DELCO REMY			**DELCO REMY**			**DELCO REMY**			**DELCO REMY**		
1114876	950	097	1114977	951	099	19011518	5-407	072	19511530	4-407	072
1114876	950	098	1114985	951	099	19011518	841	092	19511530	5-407	072
1114878	950	097	1114986	951	099	19011519	4-407	072	1990208	951	099
1114878	950	098	1114988	951	099	19011519	5-407	072	1990209	951	099
1114879	950	097	1114990	951	099	19011521	4-407	072	1990211	951	099
1114879	950	098	1114994	951	099	19011521	5-407	072	1990212	951	099
1114880	950	097	1114997	951	099	19011521	841	092	1990214	951	099
1114880	950	098	1115676	2-360	068	19011522	4-408	073	1990215	951	099
1114882	951	099	112611	866	097	19011522	5-408	073	1990218	951	099
1114883	951	099	16173	2-866	097	19011522	1-841	092	1990219	951	099
1114884	951	099	19011400	818	090	19011523	4-408	073	1990221	951	099
1114885	951	099	19011400	3-818	091	19011523	5-408	073	1990223	951	099
1114886	951	099	19011402	818	090	19011523	1-841	092	1990224	951	099
1114888	951	099	19011402	3-818	091	19011524	4-408	073	1990261	951	099
1114889	951	099	19011403	818	090	19011524	5-408	073	1990277	951	099
1114890	951	099	19011403	3-818	091	19011524	1-841	092	1990280	951	099
1114891	951	099	19011404	3-407	071	19011525	4-407	072	1990296	951	099
1114892	951	099	19011407	3-407	071	19011525	5-407	072	1990299	951	099
1114893	951	099	19011500	4-407	072	19011525	841	092	1990303	951	099
1114894	951	099	19011500	5-407	072	19011526	4-407	072	1990308	351	065
1114895	951	099	19011500	841	092	19011526	5-407	072	1990308	451	078
1114896	951	099	19011501	842	157	19011526	841	092	1990309	352	065
1114897	951	099	19011505	4-407	072	19011527	4-408	073	1990309	352	066
1114898	951	099	19011505	5-407	072	19011527	5-408	073	1990309	452	078
1114899	951	099	19011505	841	092	19011527	1-841	092	1990309	452	079
1114900	951	099	19011506	4-407	072	19011529	5-407	072	1990310	352	065
1114901	951	099	19011506	5-407	072	19011530	4-407	072	1990310	352	066
1114903	950	097	19011506	841	092	19011530	5-407	072	1990310	452	078
1114903	950	098	19011507	4-408	073	19011530	841	092	1990310	452	079
1114904	951	099	19011507	5-408	073	19011531	4-407	072	1990311	450	078
1114905	950	097	19011507	1-841	092	19011531	5-407	072	1990312	450	078
1114905	950	098	19011508	4-407	072	19011531	841	092	1990313	352	065
1114906	951	099	19011508	5-407	072	19026027	1-407	071	1990313	352	066
1114908	951	099	19011508	841	092	19026027	407	071	1990313	452	078
1114909	950	097	19011509	4-408	073	19026027	840	092	1990313	452	079
1114909	950	098	19011509	5-408	073	19026028	1-407	071	1990315	352	065
1114910	950	097	19011509	1-841	092	19026028	407	071	1990315	352	066
1114910	950	098	19011510	4-407	072	19026028	840	092	1990315	452	078
1114911	951	099	19011510	5-407	072	19026029	1-407	071	1990315	452	079
1114913	951	099	19011510	841	092	19026029	407	071	1990316	352	065
1114927	951	099	19011511	4-408	073	19026029	840	092	1990316	352	066
1114928	951	099	19011511	5-408	073	19026030	1-409	075	1990317	352	065
1114929	951	099	19011511	1-841	092	19026030	4-409	076	1990317	352	066
1114930	951	099	19011512	1-841	092	19026030	1-840	092	1990317	452	078
1114931	951	099	19011513	4-407	072	19026031	1-407	071	1990317	452	079
1114932	951	099	19011513	5-407	072	19026031	407	071	1990318	450	078
1114933	951	099	19011513	841	092	19026031	840	092	1990319	351	065
1114934	951	099	19011514	4-407	072	19026032	1-409	075	1990319	451	078
1114938	951	099	19011514	5-407	072	19026032	4-409	076	1990320	352	065
1114942	951	099	19011514	841	092	19026032	1-840	092	1990320	352	066
1114943	951	099	19011515	4-407	072	19026035	1-407	071	1990320	452	078
1114955	951	099	19011515	5-407	072	19026035	407	071	1990320	452	079
1114956	951	099	19011515	841	092	19026035	840	092	1990321	450	078
1114957	951	099	19011516	4-407	072	19070001	904	056	1990322	450	078
1114960	951	099	19011516	5-407	072	19070004	904	056	1990325	951	099
1114961	951	099	19011516	841	092	19070030	835	051	1990326	450	078
1114967	951	099	19011517	4-407	072	19070033	835	051	1990327	450	078
1114969	951	099	19011517	5-407	072	19070035	833	050	1990329	951	099
1114975	951	099	19011517	841	092	19070036	833	050	1990330	459	082
1114976	951	099	19011518	4-407	072	19070037	833	050	1990331	459	082

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DELCO REMY			**DELCO REMY**			**DELCO REMY**			**DELCO REMY**		
1990332	459	082	1990367	361	069	1990394	456	080	1990427	458	082
1990336	450	078	1990367	461	083	1990394	456	081	1990428	458	082
1990337	356	067	1990368	361	069	1990395	356	067	1990429	458	082
1990337	456	080	1990368	461	083	1990395	456	080	1990430	356	067
1990337	456	081	1990369	357	068	1990395	456	081	1990430	456	080
1990341	351	065	1990369	457	081	1990396	357	068	1990430	456	081
1990341	451	078	1990370	356	067	1990396	457	081	1990431	356	067
1990343	361	069	1990370	456	080	1990397	356	067	1990431	456	080
1990344	361	069	1990370	456	081	1990397	456	080	1990431	456	081
1990344	461	083	1990371	361	069	1990397	456	081	1990432	361	069
1990347	353	066	1990371	461	083	1990398	356	067	1990432	461	083
1990347	366	070	1990372	356	067	1990398	456	080	1990434	461	083
1990347	466	084	1990372	456	080	1990398	456	081	1990435	361	069
1990348	356	067	1990372	456	081	1990400	356	067	1990435	461	083
1990348	456	080	1990373	361	069	1990400	456	080	1990436	361	069
1990348	456	081	1990373	461	083	1990400	456	081	1990436	461	083
1990349	356	067	1990374	357	068	1990401	357	068	1990437	361	069
1990349	456	080	1990374	457	081	1990401	457	081	1990437	461	083
1990349	456	081	1990375	356	067	1990403	356	067	1990438	356	067
1990350	361	069	1990375	456	080	1990403	456	080	1990438	456	080
1990350	461	083	1990375	456	081	1990403	456	081	1990438	456	081
1990352	356	067	1990376	356	067	1990404	356	067	1990439	356	067
1990352	456	080	1990376	456	080	1990404	456	080	1990439	456	080
1990352	456	081	1990376	456	081	1990404	456	081	1990439	456	081
1990353	356	067	1990377	356	067	1990405	356	067	1990440	356	067
1990353	456	080	1990377	456	080	1990405	456	080	1990440	456	080
1990353	456	081	1990377	456	081	1990405	456	081	1990440	456	081
1990354	356	067	1990378	361	069	1990406	356	067	1990441	356	067
1990354	456	080	1990378	461	083	1990406	456	080	1990441	456	080
1990354	456	081	1990379	355	067	1990406	456	081	1990441	456	081
1990355	356	067	1990379	356	067	1990407	357	068	1990442	356	067
1990355	456	080	1990379	456	080	1990407	457	081	1990442	456	080
1990355	456	081	1990379	456	081	1990408	356	067	1990442	456	081
1990356	356	067	1990380	357	068	1990408	456	080	1990446	356	067
1990356	456	080	1990380	457	081	1990408	456	081	1990446	456	080
1990356	456	081	1990381	462	083	1990411	462	083	1990446	456	081
1990357	361	069	1990382	361	069	1990413	361	069	1990447	361	069
1990357	461	083	1990382	461	083	1990413	461	083	1990447	461	083
1990358	356	067	1990383	361	069	1990414	462	083	1990448	357	068
1990358	456	080	1990383	461	083	1990415	361	069	1990448	457	081
1990358	456	081	1990385	356	067	1990415	461	083	1990449	356	067
1990359	361	069	1990385	456	080	1990416	462	083	1990449	456	080
1990359	461	083	1990385	456	081	1990417	356	067	1990449	456	081
1990360	361	069	1990386	356	067	1990417	456	080	1990450	357	068
1990360	461	083	1990386	456	080	1990417	456	081	1990450	457	081
1990361	361	069	1990386	456	081	1990418	361	069	1990451	357	068
1990361	461	083	1990387	356	067	1990418	461	083	1990451	457	081
1990362	356	067	1990387	456	080	1990419	357	068	1990452	357	068
1990362	456	080	1990387	456	081	1990419	457	081	1990452	457	081
1990362	456	081	1990388	361	069	1990420	355	067	1990453	361	069
1990363	356	067	1990388	461	083	1990420	356	067	1990453	461	083
1990363	456	080	1990389	361	069	1990420	456	080	1990454	361	069
1990363	456	081	1990389	461	083	1990420	456	081	1990454	461	083
1990364	361	069	1990391	356	067	1990421	356	067	1990455	361	069
1990364	461	083	1990391	456	080	1990421	456	080	1990455	461	083
1990365	356	067	1990391	456	081	1990421	456	081	1990456	361	069
1990365	456	080	1990393	356	067	1990422	361	069	1990456	461	083
1990365	456	081	1990393	456	080	1990422	461	083	1990457	361	069
1990366	361	069	1990393	456	081	1990423	458	082	1990457	461	083
1990366	461	083	1990394	356	067	1990424	458	082	1990458	357	068

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DELCO REMY			**DELCO REMY**			**DELCO REMY**			**DELCO REMY**		
1990458	457	081	1990490	356	067	1993745	450	078	1993775	356	067
1990459	361	069	1990490	456	080	1993746	450	078	1993775	456	080
1990459	461	083	1990490	456	081	1993754	352	065	1993775	456	081
1990460	361	069	1990491	361	069	1993754	352	066	1993776	356	067
1990460	461	083	1990491	461	083	1993754	452	078	1993776	456	080
1990462	361	069	1990492	356	067	1993754	452	079	1993776	456	081
1990462	461	083	1990492	456	080	1993755	352	065	1993778	352	065
1990463	361	069	1990492	456	081	1993755	352	066	1993778	352	066
1990463	461	083	1990493	361	069	1993755	452	078	1993778	452	078
1990464	361	069	1990493	461	083	1993755	452	079	1993778	452	079
1990464	461	083	1990494	356	067	1993756	352	065	1993782	357	068
1990466	357	068	1990494	456	080	1993756	352	066	1993782	457	081
1990466	457	081	1990494	456	081	1993756	452	078	1993783	356	067
1990467	356	067	1990495	356	067	1993756	452	079	1993783	456	080
1990467	456	080	1990495	456	080	1993759	352	065	1993783	456	081
1990467	456	081	1990495	456	081	1993759	352	066	1993784	361	069
1990468	356	067	1990496	356	067	1993759	452	078	1993784	461	083
1990468	456	080	1990496	456	080	1993759	452	079	1993785	356	067
1990468	456	081	1990496	456	081	1993761	352	065	1993785	456	080
1990469	356	067	1990497	361	069	1993761	352	066	1993785	456	081
1990469	456	080	1990497	461	083	1993761	452	078	1993786	361	069
1990469	456	081	1990498	352	065	1993761	452	079	1993786	461	083
1990470	356	067	1990498	352	066	1993762	352	065	1993787	352	065
1990470	456	080	1990498	452	078	1993762	352	066	1993787	352	066
1990470	456	081	1990498	452	079	1993762	452	078	1993787	452	078
1990471	356	067	1990499	459	082	1993762	452	079	1993787	452	079
1990471	456	080	1993701	459	082	1993763	352	065	1993788	361	069
1990471	456	081	1993702	459	082	1993763	352	066	1993788	461	083
1990473	357	068	1993703	951	099	1993763	452	078	1993789	352	065
1990473	457	081	1993705	352	065	1993763	452	079	1993789	352	066
1990474	361	069	1993705	352	066	1993764	352	065	1993789	452	078
1990474	461	083	1993705	452	078	1993764	352	066	1993789	452	079
1990475	356	067	1993705	452	079	1993764	452	078	1993790	354	067
1990475	456	080	1993707	459	082	1993764	452	079	1993790	454	080
1990475	456	081	1993709	450	078	1993765	352	065	1993791	354	067
1990477	356	067	1993712	450	078	1993765	352	066	1993791	454	080
1990477	456	080	1993713	352	065	1993765	452	078	1993792	354	067
1990477	456	081	1993713	352	066	1993765	452	079	1993792	454	080
1990478	356	067	1993713	452	078	1993767	353	066	1993793	354	067
1990478	456	080	1993713	452	079	1993767	453	080	1993793	454	080
1990478	456	081	1993719	450	078	1993768	352	065	1993794	352	065
1990481	951	099	1993726	450	078	1993768	352	066	1993794	352	066
1990483	355	067	1993728	450	078	1993768	452	078	1993794	452	078
1990483	356	067	1993729	459	082	1993768	452	079	1993794	452	079
1990483	456	080	1993732	459	082	1993769	352	065	1993795	355	067
1990483	456	081	1993736	352	065	1993769	352	066	1993795	356	067
1990484	356	067	1993736	352	066	1993769	452	078	1993795	456	080
1990484	456	080	1993736	452	078	1993769	452	079	1993795	456	081
1990484	456	081	1993736	452	079	1993770	352	065	1993796	361	069
1990485	361	069	1993737	352	065	1993770	352	066	1993796	461	083
1990485	461	083	1993737	352	066	1993770	452	078	1993797	361	069
1990486	356	067	1993737	452	078	1993770	452	079	1993797	461	083
1990486	456	080	1993737	452	079	1993771	459	082	1993799	354	067
1990486	456	081	1993738	352	065	1993772	356	067	1993799	454	080
1990487	356	067	1993738	352	066	1993772	456	080	1993801	361	069
1990487	456	080	1993738	452	078	1993772	456	081	1993801	461	083
1990487	456	081	1993738	452	079	1993773	459	082	1993802	361	069
1990489	356	067	1993741	459	082	1993774	356	067	1993802	461	083
1990489	456	080	1993742	459	082	1993774	456	080	1993803	356	067
1990489	456	081	1993744	459	082	1993774	456	081	1993803	456	080

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DELCO REMY			**DELCO REMY**			**DELCO REMY**			**DELCO REMY**		
1993803	456	081	1993832	452	078	1993878	352	065	1993918	2-360	068
1993804	361	069	1993832	452	079	1993878	352	066	1993918	2-460	082
1993804	362	069	1993833	361	069	1993878	452	078	1993920	2-360	068
1993804	461	083	1993833	461	083	1993878	452	079	1993920	2-460	082
1993805	361	069	1993835	361	069	1993879	352	065	1993921	2-360	068
1993805	461	083	1993835	461	083	1993879	352	066	1993921	2-460	082
1993806	356	067	1993837	352	065	1993879	452	078	1993923	361	069
1993806	456	080	1993837	352	066	1993879	452	079	1993923	461	083
1993806	456	081	1993837	452	078	1993880	352	065	1993924	461	083
1993807	356	067	1993837	452	079	1993880	352	066	1993925	356	067
1993807	456	080	1993842	362	069	1993880	452	078	1993925	456	080
1993807	456	081	1993842	2-461	083	1993880	452	079	1993925	456	081
1993808	361	069	1993849	356	067	1993881	352	065	1993926	360	068
1993808	461	083	1993849	456	080	1993881	352	066	1993926	460	082
1993810	361	069	1993849	456	081	1993881	452	078	1993928	352	065
1993810	362	069	1993850	352	065	1993881	452	079	1993928	352	066
1993810	461	083	1993850	352	066	1993883	352	065	1993928	452	078
1993811	357	068	1993850	452	078	1993883	352	066	1993928	452	079
1993811	457	081	1993850	452	079	1993883	452	078	1993930	2-360	068
1993812	361	069	1993851	2-352	066	1993883	452	079	1993930	2-460	082
1993812	362	069	1993851	2-452	079	1993884	352	065	1993931	352	065
1993812	461	083	1993853	352	065	1993884	352	066	1993931	352	066
1993813	356	067	1993853	352	066	1993884	452	078	1993931	452	078
1993813	456	080	1993853	452	078	1993884	452	079	1993931	452	079
1993813	456	081	1993853	452	079	1993885	352	065	1993933	362	069
1993814	361	069	1993854	353	066	1993885	352	066	1993933	2-461	083
1993814	461	083	1993854	453	080	1993885	452	078	1993934	2-356	068
1993815	361	069	1993855	352	065	1993885	452	079	1993934	2-456	081
1993815	461	083	1993855	352	066	1993886	352	065	1993935	2-356	068
1993816	356	067	1993855	452	078	1993886	352	066	1993935	2-456	081
1993816	456	080	1993855	452	079	1993886	452	078	1993936	362	069
1993816	456	081	1993856	356	067	1993886	452	079	1993936	2-461	083
1993817	352	065	1993856	456	080	1993887	352	065	1993937	2-356	068
1993817	352	066	1993856	456	081	1993887	352	066	1993937	2-456	081
1993817	452	078	1993859	951	099	1993887	452	078	1993938	2-356	068
1993817	452	079	1993861	459	082	1993887	452	079	1993938	2-456	081
1993818	354	067	1993862	459	082	1993894	2-352	066	1993939	2-356	068
1993818	454	080	1993863	356	067	1993894	2-452	079	1993939	2-456	081
1993819	352	065	1993863	456	080	1993898	352	065	1993940	362	069
1993819	352	066	1993863	456	081	1993898	352	066	1993940	2-461	083
1993819	452	078	1993864	951	099	1993898	452	078	1993941	362	069
1993819	452	079	1993865	352	065	1993898	452	079	1993941	2-461	083
1993820	356	067	1993865	352	066	1993901	360	068	1993942	2-356	068
1993820	456	080	1993865	452	078	1993901	460	082	1993942	2-456	081
1993820	456	081	1993865	452	079	1993902	360	068	1993943	2-356	068
1993822	462	083	1993866	467	085	1993902	460	082	1993943	2-456	081
1993823	356	067	1993869	352	065	1993903	360	068	1993944	362	069
1993823	456	080	1993869	352	066	1993903	460	082	1993944	2-461	083
1993823	456	081	1993871	352	065	1993905	360	068	1993945	362	069
1993824	357	068	1993871	352	066	1993905	460	082	1993945	2-461	083
1993824	457	081	1993871	452	078	1993909	360	068	1993947	355	067
1993826	361	069	1993871	452	079	1993909	460	082	1993947	455	080
1993826	461	083	1993873	352	065	1993910	360	068	1993950	352	065
1993827	462	083	1993873	352	066	1993910	460	082	1993950	352	066
1993828	361	069	1993873	452	078	1993911	360	068	1993950	452	078
1993828	461	083	1993873	452	079	1993911	460	082	1993950	452	079
1993829	459	082	1993874	352	065	1993914	360	068	1993951	352	065
1993831	459	082	1993874	352	066	1993914	460	082	1993951	352	066
1993832	352	065	1993874	452	078	1993917	2-360	068	1993951	452	078
1993832	352	066	1993874	452	079	1993917	2-460	082	1993951	452	079

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DELCO REMY			**DELCO REMY**			**DELCO REMY**			**DELCO REMY**		
1993953	2-360	068	1993991	461	083	8000213	1-866	097	8200025	407	071
1993953	2-460	082	1993992	2-352	066	8000214	1-866	097	8200025	840	092
1993954	2-360	068	1993992	2-452	079	8000215	1-866	097	8200026	1-840	092
1993954	2-460	082	1993993	361	069	8000216	1-866	097	8200027	1-841	092
1993955	2-360	068	1993993	461	083	8000266	8-860	094	8200028	841	092
1993955	2-460	082	1993994	352	065	8000285	1-261	065	8200030	841	092
1993956	2-352	066	1993994	352	066	8000293	1-866	097	8200031	841	092
1993956	2-452	079	1993994	452	078	8000294	1-866	097	8200032	1-841	092
1993957	2-352	066	1993994	452	079	8000295	1-866	097	8200033	841	092
1993957	2-452	079	1993996	462	083	8000300	9-860	094	8200034	4-408	073
1993958	2-352	066	1993997	355	067	8000327	9-860	094	8200034	5-408	073
1993958	2-452	079	1993997	455	080	8000333	2-866	097	8200034	1-841	092
1993961	356	067	1993998	462	083	8000357	1-261	065	8200037	4-407	072
1993961	456	080	1993999	462	083	8000359	2-866	097	8200037	5-407	072
1993961	456	081	21020761	864	096	8000362	261	065	8200037	841	092
1993963	352	065	21020892	5-861	095	8000363	261	065	8200038	841	092
1993963	352	066	21020893	5-861	095	8000382	1-866	097	8200039	4-408	073
1993963	452	078	21021366	4-861	095	8000397	2-866	097	8200039	5-408	073
1993963	452	079	21021366	861	095	8000410	261	065	8200039	1-841	092
1993964	352	065	21021648	5-861	095	8000416	261	065	8200040	4-408	073
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1993964	452	078	21023719	590	196	8000448	261	065	8200040	841	092
1993964	452	079	21023994	590	196	8000480	6-860	094	8200041	4-408	073
1993965	3-452	079	21024210	590	196	8000538	6-860	094	8200041	5-408	073
1993967	2-352	066	2132-10461764	3-818	091	8000616	261	065	8200041	1-841	092
1993967	2-452	079	24506694	860	093	8000619	9-860	094	8200042	841	092
1993968	951	099	25009	1-261	065	8000660	261	065	8200043	1-841	092
1993969	355	067	25122	9-860	094	8000661	6-860	094	8200044	1-841	092
1993969	455	080	25906	8-860	094	8100041	1-866	097	8200045	841	092
1993970	355	067	26008	261	065	8200000	1-409	075	8200047	1-841	092
1993970	455	080	26657	1-866	097	8200000	4-409	076	8200050	4-407	072
1993971	467	085	3471143	556	086	8200000	1-840	092	8200050	5-407	072
1993972	360	068	3471150	1-557	086	8200001	818	090	8200053	1-409	075
1993972	460	082	3471150	557	086	8200003	2-407	071	8200053	1-840	092
1993973	356	067	3471155	555	086	8200003	3-407	071	8200054	3-409	075
1993973	456	080	3471160	1-557	086	8200003	818	090	8200054	409	075
1993973	456	081	3471160	557	086	8200004	3-409	075	8200054	1-818	090
1993974	355	067	3471163	556	086	8200004	409	075	8200054	1-818	091
1993974	455	080	3471169	555	086	8200004	1-818	090	8200058	4-407	072
1993975	458	082	732246348	551	085	8200004	1-818	091	8200058	5-407	072
1993977	2-356	068	8000006	8-860	094	8200005	1-407	071	8200063	2-407	071
1993977	2-456	081	8000014	860	093	8200005	407	071	8200063	3-407	071
1993979	352	065	8000038	1-866	097	8200005	840	092	8200064	3-409	075
1993979	352	066	8000039	1-866	097	8200007	1-407	071	8200064	409	075
1993979	452	078	8000040	1-866	097	8200007	407	071	8200064	810	088
1993979	452	079	8000063	1-866	097	8200007	5-407	072	8200064	1-818	090
1993980	2-461	083	8000064	1-866	097	8200007	840	092	8200064	1-818	091
1993981	2-352	066	8000065	1-866	097	8200010	818	090	8200065	3-409	075
1993981	2-452	079	8000071	7-860	094	8200011	818	090	8200065	409	075
1993982	2-356	068	8000073	1-866	097	8200013	2-407	071	8200065	1-818	090
1993982	2-456	081	8000090	6-860	094	8200013	3-407	071	8200065	1-818	091
1993983	2-356	068	8000158	2-860	093	8200014	818	090	8200071	1-818	090
1993983	2-456	081	8000158	6-860	094	8200015	355	067	8200071	1-818	091
1993986	2-360	068	8000159	2-860	093	8200023	1-407	071	8200072	1-409	075
1993986	2-460	082	8000159	6-860	094	8200023	407	071	8200072	4-409	076
1993987	361	069	8000172	866	097	8200023	840	092	8200072	1-840	092
1993987	461	083	8000188	2-860	093	8200024	1-409	075	8200075	1-407	071
1993988	2-352	066	8000188	6-860	094	8200024	4-409	076	8200075	407	071
1993988	2-452	079	8000193	1-866	097	8200024	1-840	092	8200075	840	092
1993991	361	069	8000211	1-866	097	8200025	1-407	071	8200076	1-407	071

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DELCO REMY			**DELCO REMY**			**DELCO REMY**			**DELCO REMY**		
8200076	407	071	8200295	3-407	071	8200540	2-950	098	8200886	1-818	091
8200076	840	092	8200295	818	090	8200541	2-950	098	8200887	818	090
8200077	840	092	8200296	3-409	075	8200542	2-950	098	8200889	818	090
8200078	1-840	092	8200296	409	075	8200543	2-950	098	8200906	1-818	090
8200081	4-407	072	8200296	1-818	090	8200544	2-950	098	8200906	1-818	091
8200081	5-407	072	8200296	1-818	091	8200545	2-950	098	8200972	2-407	071
8200082	4-407	072	8200297	3-409	075	8200564	818	090	8200972	3-407	071
8200082	5-407	072	8200297	409	075	8200565	818	090	8200972	3-818	091
8200084	4-407	072	8200297	2-818	091	8200569	2-950	098	8201092	2-950	098
8200084	5-407	072	8200301	1-840	092	8200570	818	090	8201094	2-950	098
8200087	4-407	072	8200302	818	090	8200571	818	090	8201097	2-818	091
8200087	5-407	072	8200322	1-840	092	8200573	2-950	098	8300003	3-818	091
8200090	4-407	072	8200324	840	092	8200574	2-950	098	8300004	841	092
8200090	5-407	072	8200326	3-407	071	8200575	2-950	098	8300005	1-407	071
8200091	4-407	072	8200326	818	090	8200577	2-950	098	8300005	407	071
8200091	5-407	072	8200331	3-407	071	8200578	2-950	098	8300005	840	092
8200101	4-408	073	8200331	818	090	8200592	2-950	098	8300007	4-407	072
8200101	5-408	073	8200357	409	075	8200598	2-950	098	8300007	841	092
8200103	2-407	071	8200357	1-818	090	8200600	1-840	092	8300008	4-407	072
8200103	3-407	071	8200357	1-818	091	8200621	1-818	090	8300008	5-407	072
8200103	818	090	8200360	4-407	072	8200621	1-818	091	8300008	841	092
8200104	4-407	072	8200360	5-407	072	8200622	3-818	091	8300009	841	092
8200104	5-407	072	8200386	409	075	8200677	818	090	8300013	4-407	072
8200138	3-409	075	8200386	1-818	090	8200733	1-840	092	8300013	5-407	072
8200138	409	075	8200386	1-818	091	8200745	1-818	090	8300014	3-818	091
8200138	2-818	091	8200387	1-818	090	8200745	1-818	091	8300014	1-841	092
8200186	4-407	072	8200387	1-818	091	8200777	1-818	090	8300015	4-407	072
8200186	5-407	072	8200391	1-818	090	8200777	1-818	091	8300015	5-407	072
8200196	3-407	071	8200391	1-818	091	8200796	818	090	8300016	1-841	092
8200196	818	090	8200400	818	090	8200797	2-950	098	8300018	1-841	092
8200211	840	092	8200456	2-950	098	8200798	2-950	098	8300019	4-407	072
8200216	3-818	091	8200474	409	075	8200806	818	090	8300019	5-407	072
8200217	840	092	8200474	1-818	090	8200807	1-818	090	8300021	1-407	071
8200218	4-407	072	8200474	1-818	091	8200807	1-818	091	8300021	407	071
8200218	5-407	072	8200478	3-407	071	8200812	2-950	098	8300021	840	092
8200219	4-407	072	8200478	818	090	8200816	1-818	090	8300022	1-407	071
8200219	5-407	072	8200479	2-950	098	8200816	1-818	091	8300022	407	071
8200231	409	075	8200481	2-950	098	8200824	818	090	8300022	840	092
8200231	1-818	090	8200486	1-840	092	8200826	818	090	8300023	1-840	092
8200231	1-818	091	8200495	3-407	071	8200841	2-950	098	8300024	840	092
8200235	840	092	8200495	818	090	8200848	818	090	8300025	1-840	092
8200236	1-840	092	8200496	2-950	098	8200849	818	090	8300026	1-407	071
8200249	818	090	8200504	3-409	075	8200850	1-818	090	8300026	407	071
8200269	1-840	092	8200504	409	075	8200850	1-818	091	8300026	840	092
8200271	3-818	091	8200511	818	090	8200851	1-818	090	8300050	362	069
8200278	2-818	091	8200512	409	075	8200851	1-818	091	8300063	3-818	091
8200287	4-407	072	8200512	1-818	090	8200852	818	090	8300064	818	090
8200287	5-407	072	8200512	1-818	091	8200853	818	090	8300065	840	092
8200288	4-407	072	8200521	1-818	090	8200854	818	090	8300066	840	092
8200288	5-407	072	8200521	1-818	091	8200866	818	090	8300103	3-818	091
8200289	4-407	072	8200528	2-950	098	8200873	818	090	8300196	3-818	091
8200289	5-407	072	8200531	2-950	098	8200874	818	090	8300290	4-407	072
8200290	4-407	072	8200532	2-950	098	8200875	818	090	8300290	5-407	072
8200290	5-407	072	8200533	2-950	098	8200882	1-818	090	8300295	3-818	091
8200291	4-407	072	8200534	2-950	098	8200882	1-818	091	8300326	3-818	091
8200291	5-407	072	8200535	2-950	098	8200883	818	090	8300331	3-818	091
8200292	409	075	8200536	2-950	098	8200884	1-818	090	8300400	3-818	091
8200292	1-818	090	8200537	2-950	098	8200884	1-818	091	8300478	3-818	091
8200292	1-818	091	8200538	2-950	098	8200885	818	090	8300495	3-818	091
8200295	2-407	071	8200539	2-950	098	8200886	1-818	090	8300511	3-818	091

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DELCO REMY			**DELCO REMY**			**DENSO**			**DENSO**		
8300564	3-818	091	9000863	860	093	028000-2262	660	100	128000-1300	702	102
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8300848	3-818	091	9000865	860	093	028000-2360	661	101	128000-1620	703	103
8300849	3-818	091	9000866	860	093	028000-2571	660	100	128000-2380	701	102
8300853	3-818	091	9000867	1-860	093	028000-2572	660	100	128000-2890	705	103
8300854	3-818	091	9000868	860	093	028000-2660	660	100	128000-3662	708	105
8300866	3-818	091	9000871	860	093	028000-2680	661	101	128000-4020	705	103
8300875	3-818	091	9000872	860	093	028000-2681	660	100	128000-4032	707	105
8300885	3-818	091	9000873	860	093	028000-2890	661	101	128000-4040	707	105
8300887	3-818	091	9000879	860	093	028000-2933	660	100	128000-4061	707	105
8300889	3-818	091	9000880	860	093	028000-2970	660	100	128000-4130	707	105
8300890	3-818	091	9000881	860	093	028000-3000	661	101	128000-4180	707	105
89017847	1-866	097	9000882	860	093	028000-3240	660	100	128000-4270	705	103
89060407	1-866	097	9000884	1-860	093	028000-3241	660	100	128000-4520	705	103
9000719	4-861	095	9000885	1-860	093	028000-3833	662	101	128000-4670	702	102
9000719	861	095	9000890	2-860	093	028000-4050	660	100	128000-4710	702	102
9000735	4-861	095	9000890	6-860	094	028000-4332	662	101	128000-4800	705	103
9000735	861	095	9000891	2-860	093	028000-4440	662	101	128000-5060	707	105
9000751	5-861	095	9000891	6-860	094	028000-4490	660	100	128000-5230	702	102
9000758	5-861	095	9000893	2-860	093	028000-4500	660	100	128000-5540	707	105
9000762	1-862	096	9000893	6-860	094	028000-4680	660	100	128000-5680	705	103
9000768	1-862	096	9000895	1-860	093	028000-4810	662	101	128000-6121	702	102
9000773	4-861	095	9000899	860	093	028000-4812	662	101	128000-6131	702	102
9000773	861	095	9000900	860	093	028000-4820	662	101	128000-6141	702	102
9000775	4-861	095	9000908	5-860	093	028000-5070	660	100	128000-6210	705	103
9000775	861	095	9000910	860	093	028000-5090	664	101	128000-6420	705	103
9000776	1-862	096	9000944	2-860	093	028000-5130	664	101	128000-6660	707	105
9000785	5-861	095	9000944	6-860	094	028000-5200	662	101	128000-7050	705	103
9000786	860	093	9000948	2-860	093	028000-5201	662	101	128000-7400	705	103
9000789	1-862	096	9000948	6-860	094	028000-5210	662	101	128000-7480	705	103
9000794	864	096	9000973	860	093	028000-5330	703	103	128000-7620	707	105
9000797	1-862	096	9000974	1-866	097	028000-5912	662	101	128000-8530	705	103
9000798	860	093	9000978	6-860	094	028000-6220	660	100	128000-8890	705	103
9000805	860	093	9000981	6-860	094	028000-6490	703	103	128000-9130	702	102
9000806	860	093	96000	1-261	065	028000-6520	703	103	128000-9180	702	102
9000812	860	093	96206	8-860	094	028000-6650	703	103	228000-0940	4-708	106
9000819	860	093	96208782	865	096	028000-6720	664	101	228000-0941	4-708	106
9000820	860	093	96224	8-860	094	028000-7131	703	103	228000-1100	4-708	106
9000821	1-860	093	96235	1-866	097	028000-7132	703	103	228000-2900	4-708	106
9000822	1-860	093	99040	2-866	097	028000-7133	703	103	228000-4020	4-708	106
9000833	860	093	DRS3384	4-708	106	028000-7170	701	102	228000-4030	4-708	106
9000834	860	093	DRS3549	865	096	028000-7210	664	101	228000-4490	708	105
9000835	860	093	DRS3549N	865	096	028000-7460	706	105	228000-6730	4-708	106
9000836	860	093	DRS8370	842	157	028000-7470	706	105	228000-6740	4-708	106
9000836	1-866	097	DRT0880	842	157	028000-7480	706	105	228000-6750	4-708	106
9000840	1-860	093	DSR0618	1-261	065	028000-7510	706	105	228000-6760	4-708	106
9000841	860	093	**DENSO**			028000-7780	706	105	228000-6840	4-708	106
9000844	1-860	093	028000-1010	661	101	028000-8010	702	102	228000-7160	705	103
9000846	1-865	096	028000-1013	660	100	028000-8690	702	102	228000-7791	709	107
9000847	860	093	028000-1850	660	100	028000-9094	702	102	228000-8350	4-708	106
9000850	860	093	028000-1970	661	101	028000-9100	702	102	228000-8360	4-708	106
9000851	860	093	028000-1973	660	100	028000-9220	662	101	228000-8540	4-708	106
9000853	860	093	028000-1975	660	100	028000-9221	662	101	228000-8550	4-708	106
9000854	860	093	028000-2000	661	101	028000-9490	702	102	228000-9530	4-708	106
9000857	860	093	028000-2001	660	100	028000-9570	706	105	228000-9540	4-708	106
9000858	860	093	028000-2150	660	100	028000-9900	703	103	228000-9580	4-705	104
9000859	860	093	028000-2151	660	100	028000-9930	702	102	228000-9641	4-705	104
9000860	860	093	028000-2160	661	101	128000-0290	702	102	228000-9651	2-705	103
9000861	860	093	028000-2161	660	100	128000-0370	702	102	228000-9652	2-705	103
9000862	860	093	028000-2260	660	100	128000-0670	702	102	428000-0320	4-705	104

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DENSO			**DUCELLIER**			**FIAT**			**FORD**		
428000-0321	4-705	104	6217F	1-561	196	7668988	3-651	141	6G9N-11000-LC	9-381	005
428000-0950	6-705	104	6217G	1-561	196	7680616	3-651	141	6G9N-11000-LD	9-381	005
428000-0960	6-705	104	6217H	1-561	196	7716198	3-651	141	7C45-11001-AA	3-818	091
428000-1640	2-397	138	6220	561	196	787 218 A152	1-381	003	7C45-11001-AB	3-407	071
428000-1650	3-397	138	6231	561	196	9603503580	376	002	7C45-11001-AB	818	090
428000-1760	4-397	138	6241A	560	196	9615519880	376	002	7C45-11001-AB	3-818	091
428000-3390	7-705	104	6241B	560	196	9624291380	376	002	7S55-11000-AA	498	194
428000-3410	3-705	104	**FIAT**			9629473280	376	002	7S55-11000-AB	498	194
428000-3420	3-705	104	1319555080	3-395	134	96681447	3-381	004	82005342	1-640	031
428000-4120	3-705	104	1329201080	2-479	012	9668144780	3-381	004	82013922	1-640	031
428000-4540	3-705	104	1331329080	3-395	134	9947830	376	002	84AU-11001-B	571	020
428000-4541	3-705	104	134 70580 80	2-381	004	**FIAT ALLIS**			84AU-11001-C	514	204
428000-4600	2-708	106	4156064	1-650	140	4780974	1-950	098	84AU-11001-D	514	204
428000-5000	3-705	104	4162784	1-650	140	**FORD**			87LL-11001-AA	1-831	049
428000-5001	3-705	104	4198226	650	140	10465436	2-411	113	89BB11000DA	1-578	024
428000-5010	3-705	104	4198600	650	140	1251700	961	112	89BB11000DB	1-578	024
428000-5011	3-705	104	4229113	650	140	1307578	1-371	000	89BB11000DC	1-578	024
428000-5280	3-705	104	4229114	650	140	1309581	1-371	000	8G9N-11000-AB	6-381	005
428000-5510	3-708	106	4294494	1-650	140	1385378	3-381	004	8G9N11000AB	6-381	005
428000-5800	6-708	107	4294495	1-650	140	1C3U-11000-AA	766	111	91DA-11001-AAE	1-372	001
428000-7200	1-665	102	4474714	650	140	1C3U-11000-AB	766	111	93BB-11000-HB	761	109
428000-7210	665	101	4474746	1-650	140	1C3U-11000-AE	766	111	95FB-11000-BC	395	134
428000-9300	4-665	102	4474762	1-650	140	1C3Z-11002-AA	766	111	95FB-11000-BD	395	134
7515390-03	3-396	137	46231570	3-651	141	1R23-11001-AA	1-372	001	95FB-11000-BG	395	134
DJS1135-2	1-397	137	46231646	3-395	134	2C35-11001-BA	4-482	174	96BB-11000-AB	761	109
DJS1362	397	137	46406469	3-651	141	2C3T-11000-AA	766	111	96BB-11000-AB	1-761	110
DNS968	2-708	106	46430721	479	011	2C3Z-11002-AA	766	111	96FB-11000-KB	1-371	000
DSN967	3-708	106	46432301	3-651	141	2C45-11001-AA	1-482	173	96FB-11000-KC	1-371	000
MS428000-0660	2-395	134	4643307210	479	011	2N15-11000-AA	1-995	168	96FB-11000-KD	1-371	000
MS428000-1760	4-397	138	46437520	479	011	2S6U-11000-CA	1-371	000	97VB-11000-A	761	109
DEUTZ			46465475	4-395	135	2S6U-11000-CB	1-371	000	97VB-11000-B	761	109
0118 1751	1-579	128	46468696	1-479	012	2S6U-11000-DA	1-371	000	97VB-11000-B	1-761	110
0118 2382	1-579	128	465 217 870	974	060	2S6U-11000-DB	1-371	000	AB39-11000-BA	2-795	156
0118 2384	1-579	128	46521787	974	060	31G4 4230 CFF	4-391	184	AE8T-11000-AB	1-995	168
0118 3404	1-579	128	46748349	1-479	012	3240181	571	020	AU2-11001-A	1-372	001
0430 0006	1-579	128	46758240	2-479	012	3779-11023-D	971	057	BB5T-11000-BA	3-795	156
DUCELLIER			46758241	4-395	135	3M5T-11000-AE	961	112	BB5Z-11002-B	3-795	156
532016A	1-561	196	46813068	8-495	193	4C45-11001-BA	1-482	173	BB5Z-11002-C	3-795	156
532016B	1-561	196	46821681	1-479	012	4M5T-11000-AA	1-961	112	BC45-11001-BA	291	000
6020E	560	196	46823543	3-993	166	4M5T-11000-AB	1-961	112	BC45-11001-BA	3-536	016
6020F	560	196	46823548	1-495	191	4M5T-11000-AC	1-961	112	D77Z-11002-A	661	101
6035E	560	196	50008582	974	060	5N15-11000-AA	7-860	094	D77Z-11002-B	661	101
6035F	560	196	51782321	3-993	166	5N15-11000-AB	7-860	094	D97Z-11002-A	661	101
6081E	560	196	518102660	1-495	191	5R29-11001-AA	1-372	001	E17Z-11002-B	661	101
6081F	560	196	51865316	5-382	007	5S45-11000-AA	1-482	173	E17Z-11002-C	661	101
6183	561	196	51876031	2-382	006	5S4T-11000-AA	961	112	E3B5-11000-AA	4-391	184
6187	561	196	51880229	1-495	191	5S65-11000-AA	498	194	E3B511000AA	4-391	184
6189A	560	196	51888975	4-381	004	6C1T 1000 AB	3-381	004	E3TZ-11002-B	890	158
6189B	560	196	51888975	2-974	061	6C1T 1000 AC	3-381	004	E3TZ-11002-C	891	159
6189C	560	196	51890631	3-710	119	6C45-11001-AA	1-409	075	E3TZ-11002-F	891	159
6189D	560	196	51893390	4-381	004	6C45-11001-AA	4-409	076	E5HT-11001-AA	353	066
6203	561	196	55192482	3-993	166	6E5T-11000-AB	1-995	168	E5TZ-11002-B	890	158
6212A	560	196	55195211	3-993	166	6E5T-11000-BA	2-795	156	E6HZ-11002-A	353	066
6212B	560	196	55204116	1-495	191	6E5T-11000-BB	2-795	156	E7HT-11001-AC	807	088
6216	561	196	55779086	2-381	004	6E5T-11000-BC	2-795	156	E8TZ-11002-A	890	158
6217A	1-561	196	60817002	3-993	166	6E5Z-11002-AA	1-995	168	E90F-11000-AA	760	108
6217B	1-561	196	71719607	5-993	167	6E5Z-11002-BA	2-795	156	E90F-11000-BA	760	108
6217C	1-561	196	71721242	3-395	134	6G9N-11000-AA	961	112	E90Y-11002-A	760	108
6217D	1-561	196	71724236	1-495	191	6G9N-11000-LA	9-381	005	E90Y-11002-B	760	108
6217E	1-561	196	71782324	3-395	134	6G9N-11000-LB	9-381	005	E9HT-11001-BA	353	066

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FORD			**FORD**			**FORD**			**FORD**		
E9HZ-11002-A	353	066	F1VU-11000-AA	1-760	109	F3RZ-11002-C	1-761	110	SA-815	1-761	110
E9SF-11000-AA	760	108	F1VY-11002-A	760	108	F4CU-11000-AA	760	108	SA-818	761	109
E9SF-11000-AA	1-760	109	F1VY-11002-A	1-760	109	F4CU-11000-AA	1-760	109	SA-818	1-761	110
E9SF-11000-BA	760	108	F23U-11000-AA	760	108	F4CU-11000-BA	760	108	SA-822	1-762	110
E9SF-11000-BA	1-760	109	F23U-11000-AA	1-760	109	F4CU-11000-BA	1-760	109	SA-822	762	110
E9SZ-1100-2B	760	108	F23U-11000-BC	760	108	F4FU-11000-AA	760	108	SA-842	2-762	111
E9SZ-11002-A	760	108	F23U-11000-BC	1-760	109	F4FU-11000-AA	1-760	109	SA-848	2-762	111
E9SZ-11002-A	1-760	109	F23Z-11002-A	760	108	F4LU-11000-AA	1-760	109	SA-873	2-762	111
E9SZ-11002-B	1-760	109	F23Z-11002-A	1-760	109	F4TU-11000-AA	892	159	SA-875	2-762	111
E9Y1-11002-A	1-760	109	F23Z-11002-B	760	108	F4TZ-11002-A	892	159	VP2N1-U11131-E	1-961	112
E9Y1-11002-B	1-760	109	F23Z-11002-B	1-760	109	F4TZ-11002-ARM	892	159	XC35-11000-CA	4-482	174
ED-11001-A	1-372	001	F2DU-11000-AA	760	108	F4TZ-11002-B	892	159	XC3U-11000-CA	735	041
F02F-11000-AA	760	108	F2DU-11000-AA	1-760	109	F5OY-11002-A	761	109	XC3U-11000-CA	4-482	174
F02F-11000-AA	1-760	109	F2DU-11000-BA	760	108	F5OY-11002-A	1-761	110	XC45-11001-CA	1-482	173
F02U-11000-AA	760	108	F2DU-11000-BA	1-760	109	F5TU-11000-AA	892	159	XE-11001-C	1-372	001
F02U-11000-AA	1-760	109	F2DZ-11002-A	760	108	F5TU-11000-AD	892	159	XL1U-11000-AA	2-762	111
F02Z-1100-2A	760	108	F2DZ-11002-A	1-760	109	F67U-11000-AA	760	108	XL1U-11000-AB	2-762	111
F02Z-11002-A	1-372	001	F2HT-11000-AA	760	108	F67U-11000-AA	1-760	109	XL1Z-11002-AA	2-762	111
F02Z-11002-A	1-760	109	F2HT-11000-AA	1-760	109	F67Z-11002-AA	760	108	XS45-11001-CA	1-482	173
F07U-11000-AA	760	108	F2HT-11000-BA	760	108	F67Z-11002-AA	1-760	109	XS6U-11000-AC	761	109
F07U-11000-AA	1-760	109	F2HT-11000-BA	1-760	109	F6DU-11000-AA	760	108	XS6U-11000-AC	1-761	110
F07U-11000-BA	760	108	F2HZ-11002-A	760	108	F6DU-11000-AA	1-760	109	YC1U-11000-AB	961	112
F07U-11000-BA	1-760	109	F2HZ-11002-A	1-760	109	F6DZ-11002-A	760	108	YS4U-11000-BA	961	112
F0CF-11000-AA	760	108	F2HZ-11002-B	760	108	F6DZ-11002-A	1-760	109	YS4U-11000-DA	961	112
F0CF-11000-AA	1-760	109	F2HZ-11002-B	1-760	109	F6VU-11000-AA	1-762	110	ZBA9-11023	571	020
F0CF-11000-BA	760	108	F2TU-11000-AA	760	108	F6VU-11000-AA	762	110	ZBA9-11023-A	571	020
F0CF-11000-BA	1-760	109	F2TU-11000-AA	1-760	109	F6VZ-11000-AA	1-762	110	ZBU9-11023-D	971	057
F0CU-11000-AA	760	108	F2TU-11000-BA	760	108	F6VZ-11002-AA	762	110	**GM**		
F0CU-11000-AA	1-760	109	F2TU-11000-BA	1-760	109	F75U-11000-AB	2-762	111	09130838	591	197
F0CU-11000-AB	760	108	F2TU-11000-CA	760	108	F75U-11000-AC	2-762	111	12601721	5-995	169
F0CU-11000-AB	1-760	109	F2TU-11000-CA	1-760	109	F75Z-11002-AA	2-762	111	24579009	261	065
F0CU-11000-BA	760	108	F2TZ-11000-AC	760	108	F77U-11000-AA	4-760	109	52270036	872	051
F0CU-11000-BA	1-760	109	F2TZ-11002-A	760	108	F7HT-11001-EA	816	180	52270037	872	051
F0CU-11001-AA	760	108	F2TZ-11002-A	1-760	109	F7HT-110O1-FA	816	180	52277049	872	051
F0CU-11001-AA	1-760	109	F2TZ-11002-B	760	108	F7HZ-11002-EA	816	180	55564374	7-494	190
F0CU-11001-AB	760	108	F2TZ-11002-B	1-760	109	F7HZ-11002-EAF	816	180	9025295	6-494	190
F0CU-11001-AB	1-760	109	F2TZ-11002-C	760	108	F7HZ-11002-FA	816	180	90341777	775	046
F0CU-11001-BA	760	108	F2TZ-11002-C	1-760	109	F7HZ-11002-FAF	816	180	90341777	591	197
F0CU-11001-BA	1-760	109	F2VU-11000-AD	760	108	F7UU-11000-AA	2-762	111	90444193	775	046
F0FZ-1100-2A	760	108	F2VY-11000-AC	1-760	109	F7UZ-11002-AA	2-762	111	90458462	775	046
F0FZ-1100-2B	760	108	F2VY-11000-AD	1-760	109	F81U-11000-AA	2-762	111	90512189	1-473	008
F0FZ-11002-A	1-760	109	F2VY-11002-A	760	108	F81U-11000-AC	2-762	111	90518627	1-473	008
F0FZ-11002-B	1-760	109	F2VY-11002-A	1-760	109	F81Z-11002-AA	2-762	111	9160556	2-993	166
F0OU-11000-AA	760	108	F3DU-11000-AA	760	108	F87U-11000-DC	761	109	9198664	2-993	166
F0OU-11000-AA	1-760	109	F3DU-11000-AA	1-760	109	F87U-11000-DC	1-761	110	93171936	591	197
F0OY-1100-2A	760	108	F3DU-11000-BA	760	108	F892-11002-AA	1-372	001	93237478	775	046
F0OY-11002-A	1-760	109	F3DU-11000-BA	1-760	109	F8RU-11000-AA	769	111	93260358	2-775	046
F0TZ-11002-A	760	108	F3DZ-11002-A	760	108	F8RU-11000-CA	769	111	93264950	494	189
F0TZ-11002-A	1-760	109	F3DZ-11002-A	1-760	109	F90F-11000-AA	1-760	109	93288991	2-775	046
F0TZ-11002-B	760	108	F3DZ-11002-B	760	108	F90F-11000-BA	1-760	109	93297652	2-860	093
F0TZ-11002-B	1-760	109	F3DZ-11002-B	1-760	109	FONN-11000-CA	3-640	031	93297652	6-860	094
F13U-11000-AA	760	108	F3LU-11000-AA	760	108	MF4TM-11000-A	5-777	048	93297653	2-860	093
F13U-11000-AA	1-760	109	F3LU-11000-AA	1-760	109	MF4TM-11000-B	5-777	048	93297653	6-860	094
F13Z-11002-A	760	108	F3LY-11002-A	760	108	PMGR Starters	8-761	110	93303527	2-860	093
F13Z-11002-A	1-760	109	F3LY-11002-A	1-760	109	PMGR Starters	8-762	111	93303527	6-860	094
F17U-11000-AB	760	108	F3RZ-11002-A	761	109	SA-813	761	109	93304772	2-860	093
F17U-11000-AB	1-760	109	F3RZ-11002-A	1-761	110	SA-813	1-761	110	93327502	2-860	093
F1TZ-11002-A	760	108	F3RZ-11002-B	761	109	SA-814	761	109	93327502	6-860	094
F1TZ-11002-A	1-760	109	F3RZ-11002-B	1-761	110	SA-814	1-761	110	93374342	2-860	093
F1VU-11000-AA	760	108	F3RZ-11002-C	761	109	SA-815	761	109	93374342	6-860	094

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GM			**HITACHI**			**HITACHI**			**HITACHI**		
93384398	2-860	093	S114-184	1-684	116	S114-317	710	118	S114-441	685	117
93384398	6-860	094	S114-184	683	116	S114-317A	710	118	S114-441A	682	116
93390410	2-775	046	S114-184	684	116	S114-317B	710	118	S114-441A	685	117
93427646	5-775	047	S114-202	1-684	116	S114-318	710	118	S114-441B	685	117
94628321	872	051	S114-202	683	116	S114-318A	710	118	S114-446	1-784	124
97209548	4-981	126	S114-202	684	116	S114-319	710	118	S114-446	784	124
97720446	4-981	126	S114-202A	1-684	116	S114-320	710	118	S114-456	711	119
97729079	4-981	126	S114-202A	683	116	S114-320A	710	118	S114-461	718	121
GM-CHEVROLET			S114-202A	684	116	S114-322A	682	116	S114-461A	1-719	121
24518889	6-491	186	S114-218A	1-784	124	S114-322A	685	117	S114-461B	718	121
55564374	7-494	190	S114-218A	784	124	S114-338A	781	123	S114-483	685	117
GURGEL			S114-229F	1-784	124	S114-344	682	116	S114-489	682	116
1010891	571	020	S114-229F	784	124	S114-344	685	117	S114-503A	1-713	120
HAMM			S114-232A	787	124	S114-345	710	118	S114-516	1-713	120
1285858	1-579	128	S114-235	1-784	124	S114-345A	710	118	S114-516A	1-713	120
HATZ			S114-235	784	124	S114-347B	682	116	S114-520B	1-719	121
50195400	638	029	S114-235A	1-784	124	S114-347B	685	117	S114-527	713	120
50389700	3-674	036	S114-235A	784	124	S114-348	711	119	S114-527A	713	120
50471400	3-674	036	S114-237	785	124	S114-352	1-782	123	S114-527B	713	120
HITACHI			S114-247A	1-684	116	S114-362	711	119	S114-528	1-717	121
171008-77010	685	117	S114-247A	683	116	S114-364	710	118	S114-528A	1-717	121
2250-47002	1-982	127	S114-247A	684	116	S114-370	1-782	123	S114-534	1-719	121
2250-87004	1-982	127	S114-247C	1-684	116	S114-377	710	118	S114-550	710	118
S108-63	584	114	S114-247C	683	116	S114-378	710	118	S114-550A	710	118
S108-76	584	114	S114-247C	684	116	S114-381	1-784	124	S114-556A	711	119
S108-76A	584	114	S114-252	685	117	S114-381	784	124	S114-570B	1-719	121
S108-76B	584	114	S114-252A	682	116	S114-382	1-784	124	S114-605	713	120
S108-85	581	114	S114-252A	685	117	S114-382	784	124	S114-607	713	120
S108-85	680	115	S114-252C	685	117	S114-388D	712	120	S114-607C	713	120
S108-86	581	114	S114-252E	685	117	S114-393	682	116	S114-614	712	120
S108-86	680	115	S114-252F	685	117	S114-393	685	117	S114-618	712	120
S108-91	581	114	S114-253	685	117	S114-396	712	120	S114-618A	712	120
S108-91	680	115	S114-253A	682	116	S114-398	711	119	S114-619	712	120
S114-146	581	114	S114-253A	685	117	S114-403B	682	116	S114-650A	710	118
S114-146	1-784	124	S114-253B	685	117	S114-403B	685	117	S114-651A	710	118
S114-146	784	124	S114-254A	581	114	S114-406	712	120	S114-653	710	118
S114-170	1-784	124	S114-254A	680	115	S114-411	712	120	S114-701A	2-719	122
S114-170	784	124	S114-254B	682	116	S114-412	712	120	S114-701C	2-719	122
S114-170B	581	114	S114-254B	685	117	S114-413A	710	118	S114-753	717	120
S114-170B	680	115	S114-254C	685	117	S114-414A	710	118	S114-753C	717	120
S114-170E	1-784	124	S114-254D	685	117	S114-418	711	119	S114-767	1-719	121
S114-170E	784	124	S114-255	685	117	S114-419	711	119	S114-775A	1-719	121
S114-172A	1-784	124	S114-255A	682	116	S114-419A	711	119	S114-800B	1-719	121
S114-172A	784	124	S114-255A	685	117	S114-424	710	118	S114-801A	719	121
S114-172D	1-784	124	S114-258A	682	116	S114-426	711	119	S114-801B	719	121
S114-172D	784	124	S114-258A	685	117	S114-427	1-782	123	S114-801C	719	121
S114-172E	1-784	124	S114-258C	685	117	S114-429	781	123	S114-801D	719	121
S114-172E	784	124	S114-264	685	117	S114-430A	1-585	115	S114-802A	1-719	121
S114-173E	1-784	124	S114-264A	682	116	S114-430A	585	115	S114-806A	2-719	122
S114-173E	784	124	S114-264A	685	117	S114-430B	1-585	115	S114-829	5-395	135
S114-173F	1-784	124	S114-271	1-684	116	S114-430B	585	115	S114-829B	5-395	135
S114-173F	784	124	S114-271	683	116	S114-433	1-684	116	S114-850	410	113
S114-174	1-784	124	S114-271	684	116	S114-433	683	116	S114-862A	1-719	121
S114-174	784	124	S114-295	1-782	123	S114-433	684	116	S114-902A	1-710	119
S114-180	581	114	S114-301	1-784	124	S114-439	1-585	115	S114-902B	1-710	119
S114-180	680	115	S114-301	784	124	S114-439	585	115	S114-902C	1-710	119
S114-182	1-784	124	S114-303	685	117	S114-439A	1-585	115	S114-905	3-710	119
S114-182	784	124	S114-306	713	120	S114-439A	585	115	S114-906	3-710	119
S114-182G	1-784	124	S114-315	710	118	S114-440	682	116	S114-922	1-710	119
S114-182G	784	124	S114-316	710	118	S114-440	685	117	S114-938	3-710	119

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HITACHI			**HITACHI**			**HITACHI**			**HYUNDAI**		
S114-943	3-710	119	S13-46	686	117	S24-14	981	125	36100-2G100	8-492	188
S114-943A	3-710	119	S13-46A	686	117	S25-03A	981	125	36100-2G200	1-261	065
S114-948	3-710	119	S13-47	582	114	S25-064	982	127	36100-37210	2-392	184
S12-06	686	117	S13-47	681	115	S25-142A	2-689	118	36100-37230	2-392	184
S12-28	686	117	S13-50	582	114	S25-156	982	127	36100-3C130	9-860	094
S12-46	686	117	S13-50	681	115	S25-161	981	125	36100-3C150	9-860	094
S12-46A	686	117	S13-512B	4-719	122	**HONDA**			36100-3C180	9-860	094
S12-52	686	117	S13-527B	3-719	122	31 200-PDA-E02	6-495	192	36100-3C200	2-866	097
S12-58	686	117	S13-555B	4-719	122	31 200-PGA-E30	6-495	192	36100-3F010	2-866	097
S12-61	686	117	S13-557B	4-719	122	31200-P0A-004	609	146	36100-4A020	4-498	195
S12-62	783	123	S13-56	685	117	31200-P27-J01	608	145	36100-4A025	4-498	195
S12-63	583	114	S13-56A	682	116	31200-P28-A52	608	145	P255G200	1-261	065
S12-63	688	117	S13-56A	685	117	31200-P2A-004	608	145	**INTERNACIONAL**		
S12-63A	583	114	S13-56B	682	116	31200-P2A-014	608	145	74175	3-818	091
S12-63A	688	117	S13-61A	783	123	31200-P2C-004	608	145	**ISKRA**		
S12-63B	583	114	S13-62	685	117	31200-P2C-901	605	144	0118 3404	1-579	128
S12-63B	688	117	S13-62	780	122	31200-P2E-901	605	144	0118 3599	1-579	128
S12-63C	583	114	S13-62A	685	117	31200-P2E-A51	605	144	01183404	1-579	128
S12-63C	688	117	S13-62A	780	122	31200-P2M-A61	608	145	01183599	1-579	128
S12-68A	583	114	S13-62B	780	122	31200-P2M-J61	608	145	11.130.166	2-579	128
S12-68A	688	117	S13-62C	685	117	31200-P2T-J01	608	145	11.130.233	3-579	128
S12-68B	583	114	S13-62C	780	122	31200-P5M-902	608	145	11.130.244	3-579	128
S12-68B	688	117	S13-64	582	114	31200-P8F-A01	608	145	11.130.245	3-579	128
S12-79	686	117	S13-64	681	115	31200-PAA-A02	609	146	11.130.321	3-579	128
S13-104	782	123	S13-65	1-784	124	31200-PDA-E03	6-495	192	11.130.338	3-579	128
S13-104	980	125	S13-65	784	124	31200-PDA-E03(	6-495	192	11.130.352	3-579	128
S13-106A	1-981	125	S13-69	582	114	31200-PDA-S01(	6-495	192	11.130.375	3-579	128
S13-106B	1-981	125	S13-69	681	115	31200-PEL-004	1-608	145	11.130.519	3-579	128
S13-106C	1-981	125	S13-71	781	123	31200-PLR-A01	4-705	104	11.130.836	825	129
S13-107	1-981	125	S13-75	781	123	31200-PLR-A02	4-705	104	11.130.904	826	129
S13-107A	1-981	125	S13-78	686	117	31200-PWA-901	7-705	104	11.130.907	3-579	128
S13-112	3-981	126	S13-82A	781	123	31200-PWA-901I	7-705	104	11.131.065	826	129
S13-113	3-981	126	S13-84	781	123	31200-RB1-013	7-705	104	11.131.112	1-825	129
S13-114	3-981	126	S13-84B	781	123	31200-RMP-W0Z	7-705	104	11.131.411	826	129
S13-114A	3-981	126	S13-89A	685	117	31200-RNA-003	3-705	104	11.131.426	826	129
S13-115A	689	118	S13-89A	780	122	31200-RNA-A01	3-705	104	11.131.458	1-579	128
S13-117A	1-981	125	S13-89B	685	117	31200-RNA-A11	3-705	104	11.131.491	826	129
S13-120A	689	118	S13-89B	780	122	31200-RYE-A01	3-705	104	11.131.507	826	129
S13-122	1-981	125	S13-92A	2-981	125	31200-RZP-G01	3-705	104	11.131.508	826	129
S13-126A	1-981	125	S13-92A	7-981	127	31220-P5A-005	994	167	11.131.542	825	129
S13-127	1-981	125	S13-94	689	118	31220-PY3-024	994	167	11.131.542	826	129
S13-14	686	117	S13-94A	689	118	DJDE4	4-705	104	11.131.658	826	129
S13-160	5-981	126	S13211	2-411	113	DS4R5	3-705	104	11.131.659	826	129
S13-204	5-981	126	S13289	2-411	113	DS4R7	3-705	104	11.131.727	825	129
S13-205B	5-981	126	S13289A	2-411	113	DS4RC	3-705	104	11.131.727	826	129
S13-205D	5-981	126	S1389	2-411	113	DS4RD	3-705	104	11.131.746	826	129
S13-24A	686	117	S1389A	2-411	113	DSDEU	4-705	104	11.131.773	826	129
S13-28	686	117	S1389B	2-411	113	DSDEV	2-705	103	11.132.045	826	129
S13-31	686	117	S1389C	2-411	113	DSKEF	7-705	104	11.132.050	826	129
S13-32	783	123	S14-01	6-981	126	**HYSTER**			11.132.101	826	129
S13-327	1-981	125	S14-02	6-981	126	1534424	4-699	153	11.132.104	826	129
S13-34A	686	117	S14-03	3-981	126	1548620	6-860	094	11.132.149	826	129
S13-36	686	117	S14-100D	4-981	126	2314322	4-699	153	11.132.168	826	129
S13-40	686	117	S14-100E	4-981	126	3114995	4-699	153	11.132.170	826	129
S13-40A	686	117	S14-101A	4-981	126	**HYUNDAI**			11.132.174	826	129
S13-41A	686	117	S14-101AR	4-981	126	36100-22860	3-391	183	11.132.183	826	129
S13-43	686	117	S14-20	6-981	126	36100-25020	866	097	11.132.356	826	129
S13-45	686	117	S24-03C	981	125	36100-2B100	391	183	11.132.359	826	129
S13-45A	686	117	S24-07	981	125	36100-2B110	2-391	183	AZD 3502	2-579	128
S13-45B	686	117	S24-13	981	125	36100-2G000	1-261	065	AZE 1501	3-579	128

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ISKRA			**IVECO**			**KIA**			**LUCAS**		
AZE 1520	3-579	128	1311955508	3-395	134	36100-3F010	2-866	097	26234	610	131
AZE 1535	3-579	128	1329201080	2-479	012	36100-4A020	4-498	195	26236	612	131
AZE 3508	2-579	128	2995986	1-732	040	36100-4A025	4-498	195	26238	612	131
AZE4168	826	129	323019050	8-640	032	361100-23070	392	184	26246	610	131
AZE4171	826	129	42535273	3-479	012	OK60118400	1-891	159	26248	612	131
AZE4190	826	129	4780974	1-950	098	OK60A18400	1-891	159	26264	612	131
AZE4221	826	129	489 2338	1-732	040	P255G200	1-261	065	26265	610	131
AZE4230	826	129	4892338	1-732	040	**KUBOTA**			26266	612	131
AZE4250	826	129	489233800	1-732	040	14278-63012	706	105	26268	612	131
AZE4297	826	129	500333269	6-640	031	15221-63016	706	105	26269	612	131
AZE6509	1-579	128	500333271	744	043	15231-63014	706	105	26270	612	131
AZE6554	1-579	128	500338952	8-640	032	15231-63022	706	105	26271	612	131
AZF 3515	3-579	128	500338953	6-640	031	15271-63011	661	101	26274	610	131
AZF 3517	3-579	128	500389864	8-640	032	16097-61361	706	105	26275	612	131
AZF 3518	3-579	128	504031929	8-640	032	19293-63011	706	105	26278	612	131
AZF 3528	3-579	128	504059251	6-640	031	**KZATE**			26279	612	131
AZF 3534	3-579	128	504201467	3-382	006	5702.3708	5-619	130	26283	612	131
AZF 3543	3-579	128	580 138 1129	1-732	040	5712.3708	5-619	130	26286	612	131
AZF 3559	3-579	128	5801405959	3-382	006	5722.3708	5-619	130	26288	612	131
AZF4141	825	129	69502571	6-381	005	6002.3708	6-619	130	26291	610	131
AZF4141	826	129	8029647	2-479	012	6012.3708	6-619	130	26294	610	131
AZF4170	826	129	93828721	1-976	062	6032.3708	5-619	130	26295	610	131
AZF4190	825	129	994517530	1-976	062	7102.3708	5-619	130	26301	612	131
AZF4190	826	129	**JAC MOTORS**			7112.3708	5-619	130	26304	610	131
AZF4279	826	129	1043100GG010	8-698	152	7122.3708	5-619	130	26305	610	131
AZF4315	826	129	L21580	8-698	152	7142.3708	5-619	130	26310	612	131
AZF4319	826	129	QDY1289	8-698	152	**LADA**			26312	610	131
AZF4324	826	129	**JCB**			2101-370-8805	1-650	140	26316	610	131
AZF4369	826	129	714 40369	1-579	128	**LANCIA**			26323	610	131
AZF4370	826	129	71440163	6-898	164	46430721	479	011	26327	614	132
AZF4513	825	129	71440405	6-898	164	46437520	479	011	26338	610	131
AZF4520	826	129	**JOHN DEERE**			46468696	1-479	012	26339	610	131
AZF4542	826	129	AM120843	584	114	46823548	1-495	191	26341	610	131
AZF4637	826	129	AW26844	705	103	787 218 A152	1-381	003	26343	610	131
AZF4643	826	129	RE503226	1-653	034	9629473280	376	002	26345	610	131
AZF4831	826	129	RE504807	1-653	034	9947830	376	002	26349	611	131
IS0836	825	129	RE507943	1-653	034	**LEECE NEVILLE**			26351	610	131
IS1073	1-579	128	**KAWASAKI**			4502ME	816	180	26352	610	131
IS1098	1-825	129	21163-2057	584	114	4503ME	816	180	26357	610	131
ISUZU			21163-2089	705	103	M0014502ME	816	180	26358	610	131
1811004143	6-898	164	21163-2106	584	114	M0014503ME	816	180	26359	610	131
5-81151-058-0	1-982	127	21163-2112	584	114	**LIFAN**			26364	614	132
5-81151-103-0	1-982	127	316611-8310-BA	584	114	3708100A	1-992	212	26366	610	131
5-86202-606-0	609	146	**KHD**			LFB479Q	1-992	212	26369	1-610	131
5-86206-168-0	609	146	117 0048	742	042	**LOMBARDINI**			26369D	1-610	131
8-94251-088-1	703	103	130 3920	541	017	SS544	2-993	166	26375	612	131
8-94254-922-1	981	125	130 3920	742	042	SS549	1-397	137	26376	610	131
8-94423-452-0	981	125	B1R12X1 8H762	742	042	SS649	1-993	166	26379	610	131
8-97189-118-1	5-395	135	**KIA**			**LUCAS**			26390	616	133
8-97209-548-3	4-981	126	36100-02560	1-391	183	25620	612	131	26394	616	133
8-97209-548-4	4-981	126	36100-22860	3-391	183	25621	612	131	26395A	610	131
8-97329-163-1	4-981	126	36100-25020	866	097	25626A	1-615	133	26395B	610	131
8-97382-835-0	4-981	126	36100-2B100	391	183	25626D	1-615	133	26395D	610	131
8-98141-206-0	6-898	164	36100-2B110	2-391	183	25627	612	131	26395E	610	131
8944299770	2-411	113	36100-2G100	8-492	188	25647A	1-615	133	26400	614	132
8944299771	2-411	113	36100-2G200	1-261	065	25647L	1-615	133	26403	1-610	131
8971185420	1-411	113	36100-3C150	9-860	094	25673	612	131	26404	1-610	131
8972286640	1-411	113	36100-3C151	1-261	065	26211	610	131	26404A	1-610	131
IVECO			36100-3C180	9-860	094	26227	610	131	26410A	610	131
04892338	1-732	040	36100-3C200	2-866	097	26233	612	131	26410B	610	131

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LUCAS			**LUCAS**			**LUCAS INDIEL**			**MARELLI**		
26412	612	131	27543A	612	131	35259330	2-485	176	631 030 02	9-595	140
26413	612	131	27565	1-613	132	35259430	5-485	177	631 030 03	9-595	140
26414A	610	131	27565	613	132	35259440	3-485	176	631 030 07	9-595	140
26414E	610	131	27567	615	132	35259460	3-485	176	631 030 08	9-595	140
26416	611	131	**LUCAS INDIEL**			35259710	2-485	176	631 030 26	6-395	135
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MITSUBISHI			**MITSUBISHI**			**MITSUBISHI**			**MITSUBISHI**		
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M0T91581	6-993	167	M1T73283	1-698	151	M2T13081	1-993	166	M2T58381	690	147
M0T92581	4-699	153	M1T73381	1-699	152	M2T20181	692	147	M2T58581	691	147
M137718D	6-995	169	M1T73381	699	152	M2T20181D	1-698	151	M2T58681	691	147
M1Q71281	697	150	M1T73381	2-699	153	M2T20182	692	147	M2T60071	891	159
M1T30071	3-993	166	M1T73381	4-699	153	M2T20281	692	147	M2T60072	891	159
M1T30072	3-993	166	M1T73383	1-699	152	M2T23081	690	147	M2T60073	891	159
M1T50071	690	147	M1T73383	699	152	M2T23181	692	147	M2T60171	893	160
M1T50471	692	147	M1T73383	2-699	153	M2T23685	690	147	M2T61171	893	160
M1T60281	794	155	M1T73383	4-699	153	M2T24181	694	148	M2T64271	896	161
M1T60285	794	155	M1T73581	795	155	M2T25581	694	148	M2T66873	896	161
M1T60286	794	155	M1T74081	697	150	M2T25681	690	147	M2T67871	896	161
M1T60381	697	150	M1T74181	698	150	M2T30381	697	150	M2T67873	896	161
M1T70283	697	150	M1T74181	4-698	151	M2T30481	697	150	M2T67881	896	161
M1T70381	697	150	M1T74181	5-698	151	M2T31081	1-698	151	M2T80081	994	167
M1T70481	696	150	M1T74281	695	148	M2T40081	1-699	152	M2T80281	994	167
M1T70481	1-699	152	M1T74286	695	148	M2T40081	699	152	M2T80481	994	167
M1T70481	699	152	M1T74286ZC	695	148	M2T40081	2-699	153	M2T80681	994	167
M1T70481	2-699	153	M1T74381	1-698	151	M2T40081	4-699	153	M2T84071	4-993	166
M1T70481	4-699	153	M1T74381	5-698	151	M2T42381	697	150	M2T84171	4-993	166
M1T70483	1-699	152	M1T74481	795	155	M2T49881	1-699	152	M2T84571	4-993	166
M1T70483	699	152	M1T74482	795	155	M2T49881	699	152	M2T87171	4-993	166
M1T70483	2-699	153	M1T74581	697	150	M2T49881	2-699	153	M2T87371	4-993	166
M1T70483	4-699	153	M1T75181	1-698	151	M2T49881	4-699	153	M2T87671	2-993	166
M1T70485	696	150	M1T75181	5-698	151	M2T50181	690	147	M2T87871	4-993	166
M1T70781	698	150	M1T75381	1-698	151	M2T50381	691	147	M2T87971	4-993	166
M1T70781	4-698	151	M1T75581	5-698	151	M2T50581	692	147	M2T92071	893	160
M1T70781	5-698	151	M1T76081	695	148	M2T50585	692	147	M332022D	7-698	152
M1T70881	698	150	M1T76281	5-698	151	M2T50881	691	147	M371X 66971	994	167
M1T70881	4-698	151	M1T77081	5-698	151	M2T50981	692	147	M371X78271	1-794	155
M1T70881	5-698	151	M1T77777ZC	991	164	M2T51181	692	147	M371X78371	1-794	155
M1T70985	1-792	154	M1T77777ZC	4-991	165	M2T51281	694	148	M371X92575	1-794	155
M1T71081	697	150	M1T77781	991	164	M2T51282	694	148	M3T10071	1-691	147
M1T71281	697	150	M1T77781	4-991	165	M2T52071	1-691	147	M3T10471	1-691	147
M1T71381	698	150	M1T77781ZC	991	164	M2T52671	692	147	M3T10473	691	147
M1T71381	4-698	151	M1T77781ZC	4-991	165	M2T52681	692	147	M3T10475	1-691	147
M1T71581	1-792	154	M1T78851ZC	4-992	165	M2T53081	694	148	M3T10476	1-691	147
M1T71681	1-792	154	M1T78851ZC	992	165	M2T53082	694	148	M3T10476D	699	152
M1T71781	698	150	M1T79481	1-695	148	M2T53083	691	147	M3T10881	1-797	157
M1T71781	4-698	151	M1T79482	1-695	148	M2T53085	691	147	M3T11172	691	147
M1T71781	5-698	151	M1T79483	5-695	149	M2T53086	796	156	M3T11173Q	691	147
M1T71881	697	150	M1T79484	5-695	149	M2T53581	690	147	M3T11174	1-691	147
M1T72085	4-792	154	M1T80081	993	165	M2T53781	690	147	M3T20681	692	147
M1T72085	792	154	M1T80082	993	165	M2T53881	690	147	M3T20781	693	148
M1T72086	4-792	154	M1T80481	994	167	M2T53882	799	157	M3T21281	690	147
M1T72086	792	154	M1T84381	5-695	149	M2T54085	690	147	M3T21781	1-691	147
M1T72086A	4-792	154	M1T84381	6-695	150	M2T54172	893	160	M3T21881	690	147
M1T72086A	792	154	M1T84381ZC	5-695	149	M2T54271	691	147	M3T21882	690	147
M1T72087	4-792	154	M1T84381ZC	6-695	150	M2T54371	891	159	M3T22381	693	148
M1T72087	792	154	M1T84382	5-695	149	M2T54372	891	159	M3T22581	1-691	147
M1T72087A	4-792	154	M1T84382	6-695	150	M2T54571	1-895	160	M3T22582	691	147
M1T72087A	792	154	M1T84382ZC	5-695	149	M2T54572	1-895	160	M3T22781	693	148
M1T72281	793	154	M1T84382ZC	6-695	150	M2T55271	896	161	M3T23081	690	147
M1T72281	4-793	155	M1T85781	6-993	167	M2T56071	894	160	M3T24081	693	148
M1T72581	1-698	151	M1T90281	993	165	M2T56072	894	160	M3T24482A	697	150
M1T72583	1-698	151	M1T96781	2-795	156	M2T56171	893	160	M3T24482H	697	150
M1T72681	1-698	151	M1T96781ZC	2-795	156	M2T56181	893	160	M3T24485	693	148
M1T72681	5-698	151	M1T96781ZCKD	2-795	156	M2T56182	893	160	M3T24486	693	148
M1T72985	793	154	M1T96782	2-795	156	M2T56271	893	160	M3T24488	690	147
M1T72985	4-793	155	M1T96782ZC	2-795	156	M2T56272	893	160	M3T25281	690	147

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MITSUBISHI			**MITSUBISHI**			**MITSUBISHI**			**MITSUBISHI**		
M3T25782	691	147	M3T56082	4-898	164	M9T61671	4-897	162	MGE01-1	691	147
M3T25882	691	147	M3T56084	4-898	164	M9T61971	3-897	162	MIT60281	794	155
M3T25883	691	147	M3T56181	898	163	M9T62171	3-897	162	MIT60285	794	155
M3T25885	796	156	M3T56182	898	163	M9T62173	8-408	074	MK0077	2-842	158
M3T25981	691	147	M3T56183	898	163	M9T62173	2-897	161	MN137718	6-995	169
M3T26081	692	147	M3T57371	898	163	M9T62572ZA	1-408	072	MOT60181	4-695	149
M3T26685	690	147	M3T57675	898	163	M9T62572ZA	2-897	161	MOT60181A	4-695	149
M3T27581	692	147	M3T58071	898	163	M9T62671	2-408	073	MOT60781	4-695	149
M3T27686	690	147	M3T58571	898	163	M9T62671	3-897	162	MOT82081	5-993	167
M3T27781	698	150	M3T58771	898	163	M9T65271	5-898	164	MOT86685	3-695	149
M3T27781	4-698	151	M3T66071	891	159	M9T66171	5-898	164	MOT87085	3-695	149
M3T29481	692	147	M3T66072	891	159	M9T70007	2-842	158	MOT90685	3-695	149
M3T30281	693	148	M3T66073	891	159	M9T7007	2-842	158	MR994325	7-698	152
M3T30282	693	148	M3T66074	891	159	M9T70279	2-842	158	**MOTORCRAFT**		
M3T30481	697	150	M3T67283	6-407	072	M9T70979	2-842	158	SA-1018	3-795	156
M3T32081	693	148	M3T80371	694	148	M9T80472	3-428	077	SA-817	892	159
M3T32382	693	148	M3T90071	890	158	M9T80472	842	157	SA-817-RM	892	159
M3T32581	691	147	M3T90072	890	158	M9T82171	2-428	077	SA-846	816	180
M3T32583	691	147	M3T90271	1-898	163	M9T82171	842	157	SA-846-RM	816	180
M3T32591	1-699	152	M3T90273	1-898	163	M9T83671	842	157	SA-847	816	180
M3T32591	699	152	M4T14771	691	147	M9T83672	842	157	SA-847-RM	816	180
M3T32591	2-699	153	M4T18171	692	147	M9T84771	842	157	SA-950	1-995	168
M3T32591	4-699	153	M4T50073	2-898	163	MCA02-0	692	147	SA817RM	892	159
M3T32592	696	150	M4T50171	2-898	163	MCA03-0	692	147	**MTU**		
M3T32593	1-699	152	M8T50071	892	159	MD034120	696	150	005.151.18.01	1-833	050
M3T32593	699	152	M8T50071A	892	159	MD100431	696	150	**MWM**		
M3T32593	2-699	153	M8T50072	892	159	MD301351	7-698	152	6 0572 01 0 004	541	017
M3T32593	4-699	153	M8T50171	892	159	MD312857	6-698	151	6 0572 01 0 005	541	017
M3T32681	691	147	M8T60071	5-897	162	MD312858	6-698	151	6 0572 01 0 004	742	042
M3T32781	693	148	M8T60071A	5-897	162	MD314167	6-698	151	6 0572 01 0 004	742	042
M3T32782	693	148	M8T60072	5-897	162	MD315547	6-698	151	6 0572 01 0 005	742	042
M3T33585	693	148	M8T60072A	5-897	162	MD315548	6-698	151	7004307C1	3-818	091
M3T33586	693	148	M8T60073	5-897	162	MD332022	7-698	152	74175	3-818	091
M3T33588	690	147	M8T60073A	5-897	162	MD348221	6-698	151	9 0572 01 0 008	3-972	058
M3T34081	693	148	M8T60271	5-897	162	MD356104	7-698	152	905720100108	3-818	091
M3T34082	693	148	M8T60271A	5-897	162	MD360368	7-698	152	905720100110	3-818	091
M3T36081	692	147	M8T60371	5-897	162	ME012994	2-896	161	905720100111	3-818	091
M3T36481	692	147	M8T60372	5-897	162	ME012995	2-896	161	905720100112	3-818	091
M3T41081	1-699	152	M8T60671	428	076	ME014418	2-896	161	905720100113	3-818	091
M3T41081	699	152	M8T60871	1-897	161	ME015112	6-407	072	**NEW HOLLAND**		
M3T41081	2-699	153	M8T60872	1-897	161	ME075662	1-842	158	82005343	1-640	031
M3T41081	4-699	153	M8T60873	1-897	161	ME077044	1-842	158	82012134	825	129
M3T41083	1-699	152	M8T60971	6-898	164	ME087577	1-898	163	82013923	1-640	031
M3T41083	699	152	M8T60972	6-898	164	ME152487	428	076	82014160	825	129
M3T41083	2-699	153	M8T62671	428	076	ME152487	2-897	161	82015723	825	129
M3T41083	4-699	153	M8T71471	1-698	151	ME201650	6-698	151	82021372	825	129
M3T41285	798	157	M8T71471ze	1-698	151	ME202970	6-698	151	82991684	632	027
M3T41781	697	150	M8T75071	4-993	166	ME204424	6-698	151	82991684N	632	027
M3T42781	1-699	152	M8T80071	2-896	161	ME204425	6-698	151	87693781	826	129
M3T42781	699	152	M9T20171	3-898	163	ME701462	4-993	166	9578536	632	027
M3T42781	2-699	153	M9T60371	2-897	161	ME77044	1-842	158	**NISSAN**		
M3T42781	4-699	153	M9T60671	2-897	161	MEA01-0	1-691	147	11950-16E10	971	057
M3T43381	1-699	152	M9T60672	3-897	162	MEA01-1	1-691	147	23300 00Q1D	1-379	003
M3T43381	699	152	M9T61171	3-408	073	MEA06-1	692	147	23300 00QAH	1-379	003
M3T43381	2-699	153	M9T61171	2-897	161	MEA07-1	692	147	23300 EB71B	2-710	119
M3T43381	4-699	153	M9T61171	3-897	162	MEA10-7	690	147	23300-00QAW	6-993	167
M3T56071	4-898	164	M9T61171AM	3-408	073	MEA13-1	690	147	23300-00QAY	2-498	195
M3T56072	4-898	164	M9T61471	4-897	162	MEA95-0	692	147	23300-00QUA	6-993	167
M3T56074	4-898	164	M9T61474	4-897	162	MEC01-2	690	147	23300-01D01	6-981	126
M3T56076	4-898	164	M9T61671	1-428	077	MED03-4	1-691	147	23300-04E10	690	147

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NISSAN			**OMC**			**PARIS RHONE**			**PEUGEOT**		
23300-05D00	6-981	126	3854750	1-860	093	D9E49	595	199	9641649480	2-492	187
23300-05D01	6-981	126	3855882	1-860	093	D9E50	595	199	9646679980	2-397	138
23300-09E010	3-695	149	3856003	1-860	093	D9E51	595	199	9648644680	2-494	189
23300-0W010	4-695	149	3858463	1-860	093	D9E52	594	198	9688268480	3-497	194
23300-0W011	4-695	149	3860566	1-860	093	D9E54	1-492	187	97530824	377	002
23300-10G02	2-981	125	988217	1-860	093	D9E55	596	199	**PORSCHE**		
23300-10G02	7-981	127	**OPEL**			D9E61	595	199	911 604 101 01	729	039
23300-1105R	6-492	188	1202127	4-775	046	D9E62	595	199	911 604 102 01	473	007
23300-20H12	690	147	1202959	4-775	046	D9E66	595	199	928 604 103 04	729	039
23300-30R13	793	154	4500256	2-993	166	D9E68	1-596	199	933 604 001 00	3-674	036
23300-30R13	4-793	155	4502433	2-993	166	D9E76	1-594	198	964 604 104 00	473	007
23300-32F10	690	147	55353857	3-993	166	D9E77	1-594	198	965 604 104 00	473	007
23300-37A10	690	147	55358857	3-993	166	D9E771	594	198	966 604 104 00	473	007
23300-60U10	794	155	55564374	7-494	190	D9E772	594	198	**PRESTOLITE**		
23300-6T001	1-981	125	6202000	5-395	135	D9E78	592	197	3001SE	4-897	162
23300-80G00	1-981	125	6202074	3-993	166	D9E79	592	197	M93R3001SE	4-897	162
23300-80G10	1-794	155	90348292	4-775	046	D9E81	593	198	**PRESTOLITE INDIEL**		
23300-83W00	2-981	125	90508036	4-775	046	D9E82	493	189	32556474	1-801	179
23300-83W00	7-981	127	9160556	2-993	166	D9E83	493	189	32556747	1-801	179
23300-84A11	799	157	9198664	2-993	166	D9E87	593	198	35256422	801	179
23300-86G10	1-794	155	**PARIS RHONE**			D9E95	593	198	35256424	801	179
23300-86G10	794	155	432622	1-491	185	D9R126	597	199	35256640	822	181
23300-86G11	1-794	155	432626	494	189	D9R126	1-597	200	35257086	822	181
23300-8H801	1-698	151	432631	1-491	185	D9R90	1-592	198	35257385	802	179
23300-8H80A	1-698	151	438081	2-491	185	D9R91	597	199	35257510	471	172
23300-8J000	4-695	149	438096	3-491	185	D9R91	1-597	200	35257520	471	172
23300-8U300	5-860	093	438126	494	189	D9R96	1-592	198	35257535	471	172
23300-AU600	1-698	151	438127	494	189	D9R97	1-592	198	35257700	801	179
23300-AU601	1-698	151	455972	3-491	185	**PEUGEOT**			35257710	471	172
23300-BN700	6-993	167	BD7E37	494	189	5802 AQ	2-381	004	35257750	471	172
23300-C8601	982	127	D10E81	593	198	5802 AS	3-381	004	35257765	471	172
23300-CK800	1-710	119	D10E85	594	198	5802 M9	377	002	35257790	471	172
23300-D0110	690	147	D10E87	593	198	580228	672	035	35257810	471	172
23300-D0212	690	147	D10E92	594	198	5802AZ	2-397	138	35257850	471	172
23300-EN20A	1-710	119	D10E921	594	198	5802AZ	3-497	194	35257870	471	172
23300-EN20B	1-710	119	D6RA133	1-491	185	5802CW	5-993	167	35257880	801	179
23300-F4011	4-777	048	D6RA141	1-491	185	5802E5	376	002	35257930	471	172
23300-F4110	4-777	048	D6RA33	1-491	185	5802FG	3-497	194	35257950	471	172
23300-L1110	690	147	D6RA41	1-491	185	5802FH	3-497	194	35257960	471	172
23300-L1111	690	147	D6RA45	1-491	185	5802FP	3-497	194	35257970	471	172
23300-M8111	690	147	D6RA53	1-491	185	5802Q9	1-993	166	35257990	471	172
23300-N5911	690	147	D6RA63	1-491	185	5802W3	5-993	167	35258000	821	180
23300-P5111	690	147	D7E15	2-491	185	5802Y4	2-397	138	35258060	471	172
23300-P5113	690	147	D7E20	2-491	185	5802Y5	2-397	138	35258180	471	172
23300-Y0513	690	147	D7E4	495	191	5802Y5	3-497	194	35258240	803	180
23300-Y0712	690	147	D7E8	495	191	7702105793	672	035	35258270	716	178
233003329R	4-494	190	D7R1	490	184	9150880180	672	035	35258340	471	172
23300EB71B	2-710	119	D7R3	490	184	96035035	376	002	35258370	485	175
23343-01Y10	1-792	154	D7R48	3-491	185	96054384	376	002	35258380	1-471	172
23343-31U00	719	121	D9E100	593	198	96087193	377	002	35258430	2-716	178
23343-57M70	1-792	154	D9E112	594	198	96093132	377	002	35258440	803	180
23343-J5520	1-982	127	D9E31	493	189	96147592	376	002	35258470	4-485	176
82001 99737	1-379	003	D9E32	493	189	96155198	376	002	35258490	480	172
82004 66758	1-379	003	D9E36	1-492	187	9618725080	2-494	189	35258500	2-801	179
82007 24810	1-379	003	D9E38	595	199	96251686	5-993	167	35258540	481	172
82009 29534	1-379	003	D9E39	594	198	9626261480	1-993	166	35258560	3-716	178
S14-413C	2-710	119	D9E43	493	189	96288707	377	002	35258580	482	173
S14413C	2-710	119	D9E44	493	189	96325689	1-777	047	35258600	1-716	178
OMC			D9E46	1-596	199	96343143	376	002	35258620	2-485	176
3850526	1-860	093	D9E48	595	199	964025280	2-397	138	35258640	3-482	173

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PRESTOLITE INDIEL			**PRESTOLITE INDIEL**			**RENAULT**			**RENAULT**		
35258660	480	172	35259780	483	174	0025841044	2-639	029	8200049826	6-492	188
35258670	2-801	179	35259810	486	177	20732977	4-897	162	8200049826	7-492	188
35258710	2-485	176	35259820	486	177	5000791211	2-639	029	8200049826	7-495	192
35258730	485	175	35259830	486	177	5000811448	1-950	098	8200082782	7-495	192
35258740	4-485	176	35259840	486	177	5001014221	2-639	029	8200227002	6-993	167
35258750	4-485	176	35259860	3-484	175	5001852507	2-639	029	8200227092	6-993	167
35258760	3-484	175	35259870	1-482	173	5001866702	4-897	162	8200240487	1-993	166
35258770	2-801	179	35259880	1-482	173	5010090370	2-639	029	8200369521	2-498	195
35258780	3-484	175	35259890	2-482	173	5010090683	2-639	029	8200466744	379	003
35258790	2-484	175	35259900	4-482	174	5010306413	2-639	029	8200584664	1-993	166
35258820	1-485	176	35259950	484	174	5010306533	428	076	82006242588	4-494	190
35258850	2-484	175	35260828	484	174	5010306533	2-897	161	8200624258B	4-494	190
35258860	3-484	175	35260830	486	177	5010306777	428	076	8200724786	379	003
35258880	1-485	176	35260840	486	177	5010306777	2-897	161	8200836473	4-494	190
35258910	482	173	35260870	486	177	5010306910	428	076	8200836473B	4-494	190
35258940	1-484	175	35260890	6-485	177	5010306910	2-897	161	**ROVER**		
35258950	1-484	175	35260900	486	177	5010508443	2-639	029	NAD101070	1-395	134
35258950	1-485	176	35260910	486	177	5830000632	428	076	NAD101080	1-395	134
35258960	2-485	176	35260920	484	174	5830000632	2-897	161	**SAVIEM**		
35258970	481	172	35260940	1-485	176	6001549062	1-993	166	5000559254	2-639	029
35258980	2-485	176	35260950	2-485	176	6025008446	7-495	192	**SAWAFUJI**		
35259040	480	172	35261000	3-485	176	7420732977	4-897	162	0350-552-0062	856	182
35259060	3-482	173	35261020	1-485	176	7700100647	1-491	185	0350-552-0063	856	182
35259140	481	172	35261050	486	177	7700104674	7-495	192	0350-552-0110	856	182
35259150	1-485	176	35261070	2-485	176	7700105119	7-495	192	0350-552-0211	856	182
35259170	484	174	35261120	1-482	173	7700106763	1-777	047	0350-702-0224	855	182
35259180	2-485	176	35261130	3-485	176	7700115294	379	003	0350-702-0226	855	182
35259200	486	177	35261135	5-485	177	7700274303	2-491	185	03500-552-0211	856	182
35259240	3-485	176	35261175	2-485	176	7700300522	2-993	166	28100-1443	856	182
35259250	3-482	173	35261185	3-485	176	7700313447	2-993	166	28100-1630	856	182
35259300	2-485	176	35261250	3-484	175	7700669221	672	035	**SCANIA**		
35259310	1-485	176	35261260	3-484	175	7700709922	672	035	1332903	833	050
35259330	2-485	176	35261305	4-482	174	7700864608	373	001	1357709	833	050
35259340	1-486	177	35261345	1-485	176	7700864608	4-495	192	1358639	1-833	050
35259360	1-486	177	35261355	4-482	174	7700867838	4-495	192	1358640	1-833	050
35259430	5-485	177	35261360	4-482	174	7700870951	1-491	185	1382290	833	050
35259440	3-485	176	35261385	1-485	176	7700875450	379	003	1386807	1-833	050
35259450	5-485	177	35261395	3-485	176	7701024176	672	035	1404788	638	029
35259460	3-485	176	35261425	4-482	174	7701348605	672	035	1447911	291	000
35259500	486	177	35261680	486	177	7701348805	672	035	1447911	3-639	030
35259570	4-485	176	35261690	486	177	7701349542	672	035	1796026	3-639	030
35259580	1-485	176	35261760	4-482	174	7701499651	2-498	195	2029376 CE21 5	4-428	077
35259590	1-485	176	35261780	486	177	7702104042	672	035	2029376 CE21 5	6-897	162
35259600	1-485	176	35261810	4-485	176	7702105793	672	035	369556	638	029
35259620	1-484	175	35261860	484	174	7711134530	7-495	192	571462	833	050
35259630	1-484	175	35261900	1-483	174	7711134622	2-993	166	571464	833	050
35259640	5-485	177	35261900	483	174	7711134793	3-491	185	**SKODA**		
35259650	1-484	175	35262020	3-485	176	7711135334	4-494	190	02T911023R	1-498	195
35259660	1-485	176	35262020AM	3-485	176	82 00 050 150	1-379	003	02T911023S	1-498	195
35259670	1-484	175	35262190	486	177	82 00 069 377	1-379	003	**SUBARU**		
35259680	1-485	176	35262240	3-485	176	82 00 186 144	1-379	003	42991-7000	703	103
35259690	1-485	176	35262460	3-485	176	82 00 186 148	1-379	003	82991-6100	660	100
35259710	2-485	176	35262580	1-482	173	82 00 199 737	1-379	003	**SUZUKI**		
35259730	486	177	35262710	1-482	173	82 00 466 758	1-379	003	31100-63210	660	100
35259740	1-471	172	FC115024	1-801	179	82 00 466 761	1-379	003	31100-64G00	705	103
35259750	4-482	174	M115 series	1-803	180	82 00 724 810	1-379	003	31100-73010	660	100
35259760	4-482	174	**PSA**			82 00 724 817	1-379	003	31100-74010	660	100
35259770	1-483	174	5802 AQ	2-381	004	82 00 929 534	1-379	003	31100-78010	660	100
35259770	483	174	5802 AS	3-381	004	8200 584 664	995	167	31100-78110	660	100
35259780	1-483	174	9648644680	2-494	189	8200021396	6-993	167	31100-78210	660	100

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SUZUKI			**TOYOTA**			**VALEO**			**VALEO**		
31100-78J00	5-995	169	28100-26130	660	100	438110	6-492	188	D6RA18	492	186
31100-82010	703	103	28100-26150	661	101	438110	7-492	188	D6RA18	599	200
31100-8303	697	150	28100-31030	704	103	438126	494	189	D6RA185	590	196
TALBOT			28100-33010	660	100	438127	494	189	D6RA19	492	186
9150880180	672	035	28100-33011	660	100	438128	2-495	191	D6RA19	599	200
TARASOV			28100-33020	661	101	438129	2-494	189	D6RA20	491	185
5702.3708	5-619	130	28100-34010	661	101	438133	3-497	194	D6RA22	492	186
5712.3708	5-619	130	28100-34070	661	101	438142	4-495	192	D6RA22	599	200
5722.3708	5-619	130	28100-34090	704	103	438143	3-495	191	D6RA23	492	186
6002.3708	6-619	130	28100-36070	660	100	438144	8-495	193	D6RA27	492	186
6012.3708	6-619	130	28100-40010	660	100	438153	498	194	D6RA27	599	200
6032.3708	5-619	130	28100-40011	660	100	438168	1-495	191	D6RA29	492	186
7102.3708	5-619	130	28100-40012	660	100	438179	4-492	187	D6RA29	599	200
7112.3708	5-619	130	28100-40013	660	100	438180	498	194	D6RA33	1-491	185
7122.3708	5-619	130	28100-40014	660	100	438181	498	194	D6RA33	1-496	193
7142.3708	5-619	130	28100-40015	660	100	438182	2-492	187	D6RA34	492	186
THERMO KING			28100-40041	660	100	438182	3-492	187	D6RA34	599	200
10-45-1993	1-411	113	28100-40060	660	100	438185	3-495	191	D6RA37	1-497	194
45-1263	2-411	113	28100-YV010	3-497	194	438224	4-494	190	D6RA37	497	194
45-1993	1-411	113	**TRAMONTINI**			455720	1-590	197	D6RA38	496	193
TOYOTA			31.0450.13.002-7	1-735	041	455722	2-498	195	D6RA40	599	200
24810-0D100	1-978	063	**VAG**			455735	1-591	197	D6RA41	1-491	185
28100-0B010	1-397	137	02T911023R	1-498	195	455949	5-495	192	D6RA42	491	185
28100-0B020	978	062	02T911023S	1-498	195	455972	3-491	185	D6RA43	490	184
28100-0B020	1-397	137	**VALEO**			458102	8-495	193	D6RA44	492	186
28100-0D090	397	137	1195239	391	183	458191	1-495	191	D6RA45	1-491	185
28100-0D100	1-978	063	1195244	3-391	183	458214	1-498	195	D6RA46	1-496	193
28100-0G010	978	062	1195248	1-391	183	458216	1-498	195	D6RA5	491	185
28100-0G010	1-397	137	1195632	8-492	188	458388	4-494	190	D6RA50	492	186
28100-0G020	1-397	137	1204960	2-391	183	458446	7-494	190	D6RA50	1-497	194
28100-0G100	978	062	187031	1-591	197	501731	4-492	187	D6RA51	1-497	194
28100-0L070	3-978	063	190580	2-492	187	9641649480	3-492	187	D6RA51	497	194
28100-10030	703	103	190825	8-495	193	BD7E17	494	189	D6RA511	1-497	194
28100-11010	705	103	191429	1-498	195	BD7E37	494	189	D6RA511	497	194
28100-11020	705	103	36100-23070	392	184	BD7E44	3-495	191	D6RA52	492	186
28100-11140	4-708	106	36100-23071	392	184	C194252A	2-496	193	D6RA52	599	200
28100-13010	662	101	3610042350	4-491	186	D6G1	1-495	191	D6RA53	1-491	185
28100-13020	703	103	3610042350	5-491	186	D6G3	2-494	189	D6RA54	492	186
28100-15011	703	103	361004A020	4-498	195	D6G32	1-495	191	D6RA54	599	200
28100-15140	661	101	36100DSL42350	4-491	186	D6G321	1-495	191	D6RA56	1-496	193
28100-16150	4-708	106	36100DSL42350	5-491	186	D6G9	6-494	190	D6RA57	1-497	194
28100-16160	4-708	106	432536	597	199	D6GS11	1-498	195	D6RA57	497	194
28100-16230	4-708	106	432538	597	199	D6GS12	1-498	195	D6RA571	1-497	194
28100-21020	4-708	106	432574	597	199	D6GS13	1-498	195	D6RA571	497	194
28100-21030	4-708	106	432622	1-491	185	D6GS14	1-498	195	D6RA572	3-494	190
28100-22011	660	100	432623	3-494	190	D6RA10	491	185	D6RA6	1-496	193
28100-22012	660	100	432626	494	189	D6RA100	490	184	D6RA60	492	186
28100-22020	661	101	432631	1-491	185	D6RA110	1-497	194	D6RA60	599	200
28100-22021	661	101	432633	1-497	194	D6RA110	497	194	D6RA61	1-496	193
28100-23010	662	101	432633	497	194	D6RA12	496	193	D6RA63	1-491	185
28100-23011	662	101	432636	496	193	D6RA13	491	185	D6RA64	492	186
28100-24030	660	100	432638	1-491	185	D6RA132	590	196	D6RA65	590	196
28100-24060	661	101	432644	1-590	197	D6RA133	1-491	185	D6RA66	496	193
28100-24070	660	100	432670	1-491	185	D6RA141	1-491	185	D6RA661	496	193
28100-24080	661	101	432685	4-495	192	D6RA15	491	185	D6RA7	491	185
28100-25010	660	100	436174	1-498	195	D6RA16	496	193	D6RA72	496	193
28100-25011	660	100	438012	1-591	197	D6RA161	496	193	D6RA721	496	193
28100-25012	660	100	438081	2-491	185	D6RA162	591	197	D6RA73	1-496	193
28100-25031	661	101	438093	2-494	189	D6RA165	590	196	D6RA74	496	193
28100-26080	660	100	438096	3-491	185	D6RA17	492	186	D6RA8	492	186

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VALEO			**VALEO**			**VAUXHALL**			**VOLKSWAGEN**		
D6RA8	599	200	D9E132	493	189	55564374	7-494	190	2T0911023-F	1-840	092
D6RA81	6-495	192	D9E31	493	189	**VISTEON**			2T0911023F	1-409	075
D6RA83	495	191	D9E32	493	189	1C3U-11000-AA	766	111	2T0911023F	1-840	092
D6RA83	5-495	192	D9E36	1-492	187	1C3U-11000-AB	766	111	2T2-911-023-B	428	076
D6RA84	590	196	D9E43	493	189	1C3U-11000-AE	766	111	2T2-911-023-B	2-897	161
D6RA85	590	196	D9E44	493	189	1C3Z-11002-AA	766	111	2T2911023B	428	076
D7E1	4-495	192	D9E46	1-596	199	20-100-01028	1-961	112	2T2911023B	2-897	161
D7E11	2-495	191	D9E54	1-492	187	20-100-0128	1-961	112	305911023B	871	051
D7E15	2-491	185	D9E55	596	199	2C3T-11000-AA	766	111	377911023D	971	057
D7E16	2-494	189	D9E66	595	199	2C3Z-11002-AA	766	111	43911023	2-873	052
D7E18	495	191	D9E68	1-596	199	F6DZ-11002-A	760	108	51.26201-7236	428	076
D7E19	6-492	188	D9E76	1-594	198	F6VU-11000-AA	1-762	110	51.26201-7236	2-897	161
D7E19	7-492	188	D9E77	1-594	198	F6VU-11000-AA	762	110	554911023B	971	057
D7E20	2-491	185	D9E772	594	198	F77U-11000-AA	4-760	109	5U0 911 023	382	006
D7E22	7-495	192	D9E78	592	197	PMGR Starters	8-761	110	5Z0 911 023	382	006
D7E23	2-494	189	D9E79	592	197	PMGR Starters	8-762	111	622679	571	020
D7E24	2-492	187	D9E82	493	189	XL1Z-11002-AA	2-762	111	622727	571	020
D7E24	3-492	187	D9E83	493	189	XS6U-11000-AC	761	109	62911023	3-972	058
D7E26	7-495	192	D9E95	593	198	XS6U-11000-AC	1-761	110	7B0-911-023C	1-665	102
D7E27	4-494	190	D9R116	598	200	**VOLKSWAGEN**			7B0-911-023CXR	1-665	102
D7E33	498	194	D9R126	1-597	200	020-911-023A	3-482	173	TE3911023	1-831	049
D7E34	498	194	D9R144	598	200	020-911-023T	7-381	005	ZBC911023	571	020
D7E35	4-495	192	D9R73	597	199	020911023A	3-482	173	ZBC911023A	571	020
D7E36	3-495	191	D9R90	1-592	198	02B911023D	573	021	**VOLVO**		
D7E37	498	194	D9R91	597	199	02B911023D	2-573	022	11127679	1-409	075
D7E38	495	191	D9R91	1-597	200	02E 911 023 J	381	003	11127679	4-409	076
D7E39	2-498	195	D9R96	1-592	198	02E 911 023 JX	381	003	11127679	2-428	077
D7E4	495	191	D9R97	1-592	198	02M 911 023 G	1-498	195	1547049	902	054
D7E43	498	194	DSJ1216	6-495	192	02M 911 023G	1-498	195	1547049	902	055
D7E45	498	194	FS10B1	498	194	02M 911 023GX	1-498	195	1556955	902	054
D7E47	4-494	190	FS10B3	6-492	188	02M 911 023M	1-498	195	1556955	902	055
D7E48	4-494	190	FS10E3	4-494	190	02M 911 023MX	1-498	195	20397219	4-897	162
D7E5	2-494	189	FS14N1	8-492	188	02T-911-023G	7-381	005	20430285	2-842	158
D7E52	8-495	193	TM000A36101	4-491	186	02T-A11-023-Q	4-492	187	20430564	3-408	073
D7E6	7-495	192	TM000A36101	5-491	186	02T911023R	1-498	195	20430564	1-409	075
D7E8	495	191	TM000A37901	392	184	02T911023S	1-498	195	20430564	4-409	076
D7ES6	4-492	187	TS10E3	4-494	190	02TA11023Q	4-492	187	20430564	428	076
D7G11	2-496	193	TS10E4	6-492	188	037911023	4-773	045	20430564	2-428	077
D7G3	3-497	194	TS10E4	7-492	188	037911023C	2-873	052	20430564	2-897	161
D7GS9	1-498	195	TS10E4	7-495	192	053911023A	6-773	045	20431073	3-408	073
D7R1	490	184	TS12E9	4-494	190	056911023A	2-571	020	20572417	3-408	073
D7R11	490	184	TS14E110	3-497	194	056911023AX	2-571	020	20572417	8-408	074
D7R14	1-591	197	TS14E15	6-494	190	056911023B	2-571	020	20572417	2-897	161
D7R15	490	184	TS22E20	7-494	190	058911023B	6-773	045	20891242	428	076
D7R151	490	184	TS22ER12	3-498	195	0689110232	513	204	20891242	2-897	161
D7R17	599	200	TS22ER13	3-498	195	085911023E	1-396	136	21164603	2-408	073
D7R19	590	196	TS8E6	2-498	195	0E9110238	8-381	005	243007	638	029
D7R2	599	200	TSC10B1	4-391	184	2H0 911 023	3-498	195	250519	2-901	054
D7R28	590	196	TSC10R7	4-492	187	2H0 911 023A	3-498	195	250519	2-902	055
D7R3	490	184	VA458411	3-498	195	2H0 911 023AX	3-498	195	3061819	3-491	185
D7R4	599	200	**VALTRA**			2H0 911 023F	3-498	195	3062065	3-491	185
D7R43	1-590	197	11 131 249	3-818	091	2P0.911.023.B	3-818	091	3064839	902	054
D7R46	1-590	197	11130.897	3-818	091	2R0.911.023.C	3-818	091	3064839	902	055
D7R48	3-491	185	221561	1-486	177	2R0.911.023.E	3-818	091	3095060	902	054
D7R53	1-496	193	835331592	1-486	177	2S0911023.A	428	076	3095060	902	055
D7R89	597	199	83646500	825	129	2S0911023.A	2-897	161	3099585	2-735	041
D7RS29	5-492	188	83646500	826	129	2S0911023A	428	076	3523301	1-573	022
D7RS30	5-492	188	89732200	826	129	2S0911023A	1-840	092	36002497	961	112
D7RS31	1-493	189	VPF7263	826	129	2S0911023A	2-897	161	3978710	2-735	041
D9E131	493	189	**VAUXHALL**			2T0911023-F	1-409	075	8192965	2-735	041

EQUIVALÊNCIA
CROSS REFERENCE

M.PARTIDA STARTER	Nº ZM ZM Nr.	Pag. Page
VOLVO		
840808-0	785	124
85000087	3-408	073
85000087	428	076
85000087	2-897	161
85000148	4-897	162
85000447	2-735	041
85000677	428	076
85000677	2-897	161
85000746	3-408	073
85000749	2-408	073
85003304	2-735	041
85103338	2-842	158
859553-0	785	124
8603292	961	112
8603689	961	112
881684	904	056
VV0279	2-842	158
VOLVO PENTA		
3854750-1	1-860	093
3856003-3	1-860	093
WAPSA		
MAL-F-3	503	201
MAL-F-3	508	203
MP-B-1	501	201
MP-B-1	506	202
MP-B-11	501	201
MP-B-13	501	201
MP-B-13	506	202
MP-B-17	501	201
MP-B-18	501	201
MP-B-23	501	201
MP-B-23	506	202
MP-B-3	504	202
MP-B-31	518	205
MP-B-31	1-518	206
MP-B-33	501	201
MP-B-33	506	202
MP-B-4	503	201
MP-B-4	508	203
MP-B-42	501	201
MP-B-42	506	202
MP-B-50	519	206
MP-B-59	518	205
MP-B-59	1-518	206
MP-B-66	510	203
MP-B-68	501	201
MW-B-14	505	202
MW-B-14	509	203
MW-B-17	513	204
MW-B-18	512	204
MW-B-19	511	203
MW-B-19	516	205
MW-B-23	514	204
MW-B-25	515	205
MW-B-30	1-514	204
MW-C-5	517	205
MW-V-12	502	201
MW-V-12F	502	201
MW-V-12F	507	202
YALE		

M.PARTIDA STARTER	Nº ZM ZM Nr.	Pag. Page
YALE		
220102437R	4-699	153
580044885	6-860	094
918139600	4-699	153
YT580044885	6-860	094
YANMAR		
119131-77010	981	125
119131-77011	981	125
129900-77590	5-981	126
129900-77591	5-981	126
ZM		
80.110.06	1-978	063
80.110.07	573	021
80.110.10	1-479	012
80.115.04	1-973	059
80.130.07	1-735	041
80.137.01	291	000
80.137.01	3-639	030
80.201.09	2-498	195
80.201.10	6-492	188
80.381.01	2-381	004
80.890.02	1-428	077
80.890.03	1-408	072
8013004	5-409	076
8089003	1-408	072
81.102.10	3-631	027
81.130.02	1-735	041
81.790.01	1-992	212

TABELA DE APLICAÇÃO
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ACURA		de /from	until	M.Part./Starter	ZM	Pag.
CL	2.3 L	01/1998	12/1999	MITSUBA	609	146
	3.0 L	01/1998	12/1999	MITSUBA	608	145
EL	1.6 L	01/1997	-	MITSUBA	608	145
	EL 1.7 L	01/2001	12/2005	DENSO	4-705	104
Legend	3.2 L	01/1991	12/1994	MITSUBISHI	994	167
MDX		01/2007	-	DENSO	3-705	104
SLX	3.2 L	01/1996	12/1996	HITACHI	1-717	121
		01/1996	12/1997	HITACHI	717	120
	3.5 L	01/1998	12/1998	HITACHI	1-717	121
		01/1998	12/1999	HITACHI	717	120
TL	3.2 L	01/1999	-	MITSUBA	608	145
Vigor	2.5 L	01/1992	12/1993	MITSUBISHI	994	167
AGCO ALLIS		de /from	until	M.Part./Starter	ZM	Pag.
R60	with Deutz 8-817 engine	-	-	PRESTOLITE	486	177
R70	with Deutz BF8L503 engine	-	-	PRESTOLITE	486	177
AGRALE		de /from	until	M.Part./Starter	ZM	Pag.
10.000	Motor MWM MaxxForce 4.8H Euro V	01/2012	-	DELCO REMY	1-818	090
		01/2012	-	DELCO REMY	1-818	091
13000 E	Motor MWM 6.10 TCA	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
14.000	Motor MWM MaxxForce 4.8H Euro V	01/2012	-	DELCO REMY	1-818	090
		01/2012	-	DELCO REMY	1-818	091
1600 D	4x2 Motor D 229-3	10/1985	12/1995	BOSCH	531	014
		10/1985	12/1995	BOSCH	531	015
		10/1985	12/1995	BOSCH	631	027
1800 D	4X2 Motor MWM D 229-4	10/1988	12/1998	BOSCH	531	014
		10/1988	12/1998	BOSCH	531	015
		10/1988	12/1998	BOSCH	631	027
4500 D	4x2 Motor MWM D229-3	09/1994	-	BOSCH	531	014
		09/1994	-	BOSCH	531	015
		09/1994	-	BOSCH	631	027
5000 D	4x2 Motor MWM D229-4	09/1994	-	BOSCH	531	014
		09/1994	-	BOSCH	531	015
		09/1994	-	BOSCH	631	027
5075	com motor BX 150 TD229-4	-	-	PRESTOLITE	4-482	174
	com motor MWM D229-4	04/2012	-	DELCO REMY	3-818	091
5075.4	com motor BX 150 D229-4	-	-	PRESTOLITE	4-482	174
5085	com motor BX 150 TD229-4	-	-	PRESTOLITE	4-482	174
	com motor MWM D229-4	04/2012	-	DELCO REMY	3-818	091
5085.4	com motor BX 150 D229-4	-	-	PRESTOLITE	4-482	174
6150	com motor TD 229-6	08/1999	-	BOSCH	531	014
		08/1999	-	BOSCH	531	015
		08/1999	-	BOSCH	631	027
		08/1999	-	BOSCH	632	027
7000 D	4x2 Motor MWM D229-4	05/1993	-	BOSCH	531	014
		05/1993	-	BOSCH	531	015
		05/1993	-	BOSCH	631	027
7000 DX	4X2 Motor MWM 4.10 T	09/1996	-	BOSCH	531	014
		09/1996	-	BOSCH	531	015
		09/1996	-	BOSCH	631	027
7000 TDX	com motor 4.10 T	09/1996	-	BOSCH	531	014
		09/1996	-	BOSCH	531	015
		09/1996	-	BOSCH	631	027
7500	TD com motor TD 229 EC-4	09/1994	-	BOSCH	531	014
		09/1994	-	BOSCH	531	015
		09/1994	-	BOSCH	631	027
	com motor MWM 4.10 TCA	-	-	PRESTOLITE	4-482	174
8500	4x2 Motor MWM 4.10 T	-	-	PRESTOLITE	4-482	174

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APPLICATION CHART

AGRALE		de /from	until	M.Part./Starter	ZM	Pag.
8500 TDX	com motor 4.10 T	07/1997	-	BOSCH	531	014
		07/1997	-	BOSCH	531	015
		07/1997	-	BOSCH	631	027
9200	com motor MWM 4.10 TCA	-	-	PRESTOLITE	4-482	174
AX	100S	01/1981	-	BOSCH	537	016
	120S	01/1981	-	BOSCH	537	016
	4100	01/1981	-	BOSCH	537	016
	4190	01/1981	-	BOSCH	537	016
	80S	01/1981	-	BOSCH	537	016
BX	100 com motor TD 299 EC.04	08/1990	-	BOSCH	531	014
		08/1990	-	BOSCH	531	015
		08/1990	-	BOSCH	631	027
	130 com motor D 299.06	08/1990	-	BOSCH	531	014
		08/1990	-	BOSCH	531	015
		08/1990	-	BOSCH	631	027
	4.100 com motor TD 229 EC-4	08/1990	-	BOSCH	531	014
		08/1990	-	BOSCH	531	015
		08/1990	-	BOSCH	631	027
	4.110 com motor TD 229 EC.04	08/1990	-	BOSCH	531	014
		08/1990	-	BOSCH	531	015
		08/1990	-	BOSCH	631	027
	4.130 com motor D 229.06	08/1990	-	BOSCH	531	014
		08/1990	-	BOSCH	531	015
		08/1990	-	BOSCH	631	027
	4.150 com motor TD 229 EC-6	08/1990	-	BOSCH	531	014
		08/1990	-	BOSCH	531	015
		08/1990	-	BOSCH	631	027
	4.60 com motor F 3 L 913	08/1990	-	BOSCH	531	014
		08/1990	-	BOSCH	531	015
		08/1990	-	BOSCH	631	027
	4.90 com motor D 299.04	08/1990	-	BOSCH	531	014
		08/1990	-	BOSCH	531	015
		08/1990	-	BOSCH	631	027
	6.150 com motor MWM.	-	-	PRESTOLITE	4-482	174
	60 com motor F 3 L 913	08/1990	-	BOSCH	531	014
		08/1990	-	BOSCH	531	015
		08/1990	-	BOSCH	631	027
	6110 com motor MWM TD229-EC4	04/2012	-	DELCO REMY	3-818	091
	6150 com motor MWM TD229-EC6 Turbo	04/2012	-	DELCO REMY	3-818	091
	6180 com motor MWM TD229-EC6 Turbo	04/2012	-	DELCO REMY	3-818	091
	90 com motor D 299.04	08/1990	-	BOSCH	531	014
		08/1990	-	BOSCH	531	015
		08/1990	-	BOSCH	631	027
Furgovan	8000 Automático com motor MWM 4.10 TCA	-	-	PRESTOLITE	4-482	174
	8000 com motor MWM 4.10 TCA	-	-	PRESTOLITE	4-482	174
MA 7.5 T	4x2 Motor MWM 4.10 T	09/1996	-	BOSCH	531	014
		09/1996	-	BOSCH	531	015
		09/1996	-	BOSCH	631	027
MA10.0	Motor MWM MaxxForce 4.8H Euro V	01/2012	-	DELCO REMY	1-818	090
		01/2012	-	DELCO REMY	1-818	091
MA12.0	Motor MWM MaxxForce 4.8H Euro V	01/2012	-	DELCO REMY	1-818	090
		01/2012	-	DELCO REMY	1-818	091
MA120	Motor MWM 4.10 TCA	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
	Motor MWM 4.12 TCE	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
MA15.0	Motor MWM MaxxForce 4.8H Euro V	01/2012	-	DELCO REMY	1-818	090
		01/2012	-	DELCO REMY	1-818	091
MA7.9	Motor MWM 4.10 TCA	-	-	DELCO REMY	1-818	090

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AGRALE		de /from	until	M.Part./Starter	ZM	Pag.
MA7.9	Motor MWM 4.10 TCA	-	-	DELCO REMY	1-818	091
	Motor MWM 4.12 TCE	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
MA8.5	Motor MWM 4.10 TCA	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
	Motor MWM 4.12 TCE	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
MA9.2	Motor MWM MaxxForce 4.8H Euro V	01/2012	-	DELCO REMY	1-818	090
		01/2012	-	DELCO REMY	1-818	091
MT12.0	Motor MWM 4.10 TCA	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
	Motor MWM 4.12 TCE	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
MT15.0 LE	Motor MWM MaxxForce 4.8H Euro V	01/2012	-	DELCO REMY	1-818	090
		01/2012	-	DELCO REMY	1-818	091
Marruá	com motor MWM Sprint 4.07	-	-	PRESTOLITE	1-483	174
		-	-	PRESTOLITE	483	174
	with 4.07 Sprint MWM engine	-	-	PRESTOLITE	1-483	174
		-	-	PRESTOLITE	483	174
Micro Onibus Volare	Com partida Mitsubishi	-	-	MITSUBISHI	2-695	149
Motores Estacionários	M70	07/1977	-	BOSCH	567	020
	M80	07/1977	-	BOSCH	567	020
	M85	07/1977	-	BOSCH	567	020
	M90	07/1977	-	BOSCH	567	020
Série 229	motor MWM	-	-	PRESTOLITE	4-482	174
Série M	M795W motor Bicilindrico	-	-	PRESTOLITE	4-485	176
	com motor M 70	08/1977	12/1981	BOSCH	571	020
		08/1977	12/1981	BOSCH	580	024
	com motor M 80	08/1977	-	BOSCH	571	020
		08/1977	-	BOSCH	580	024
	com motor M 85	08/1977	-	BOSCH	571	020
		08/1977	-	BOSCH	580	024
	com motor M 90	08/1977	-	BOSCH	571	020
		01/1982	-	BOSCH	580	024
	com motor M 93 ID	01/1982	-	BOSCH	571	020
		01/1982	-	BOSCH	580	024
Série X10	com motor MWM	-	-	PRESTOLITE	4-482	174
TX1100	com motor D 229-3	01/1982	09/1985	BOSCH	571	020
		01/1974	09/1985	BOSCH	580	024
TX1600	com motor D 229-3	09/1983	09/1985	BOSCH	531	014
		09/1983	09/1985	BOSCH	531	015
		09/1983	09/1985	BOSCH	631	027
	com motor MWM D 229-3	-	12/1984	BOSCH	533	015
Trator		-	-	DENSO	705	103
Trator 4100	4100 IND	-	-	PRESTOLITE	4-485	176
	4100.4	-	-	PRESTOLITE	4-485	176
	com motor Agrale M 90 T	08/1977	-	BOSCH	571	020
		08/1977	-	BOSCH	580	024
		-	-	DENSO	705	103
		-	-	PRESTOLITE	4-485	176
Trator 4230	with Caterpillar 3126 engine	-	-	PRESTOLITE	6-485	177
Trator 4230 IND	with Caterpillar 3126 engine	-	-	PRESTOLITE	6-485	177
Trator 4230.4	with Caterpillar 3126 engine	-	-	PRESTOLITE	6-485	177
V8	Motor MWM 4.12 TCE	12/2008	-	DELCO REMY	1-818	090
		12/2008	-	DELCO REMY	1-818	091
W8	4x2 Motor MWM 4.12 TCE	12/2008	-	DELCO REMY	1-818	090
		12/2008	-	DELCO REMY	1-818	091
W9	4x2 Motor MWM 4.12 TCE	12/2008	-	DELCO REMY	1-818	090
		12/2008	-	DELCO REMY	1-818	091

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AGRALE		de /from	until	M.Part./Starter	ZM	Pag.
AGRIFULL		de /from	until	M.Part./Starter	ZM	Pag.
45 DT	with 8035.06 engine	03/1985	-	BOSCH	648	033
50	DT with 8035.06 engine	03/1985	-	BOSCH	648	033
	with 8035.06 engine	03/1985	-	BOSCH	648	033
55	C with 8035.06 engine	03/1985	-	BOSCH	648	033
	DT with 8035.06 engine	03/1985	-	BOSCH	648	033
	Frutteto with 8035.06 engine	03/1998	-	BOSCH	648	033
	Vigneto with 8035.06 engine	03/1985	-	BOSCH	648	033
570	F	09/1980	12/1984	BOSCH	648	033
	V	09/1980	12/1984	BOSCH	648	033
60	C	03/1985	-	BOSCH	648	033
	CL	03/1985	-	BOSCH	648	033
	DT Frutteto	03/1985	-	BOSCH	648	033
	Special	03/1985	-	BOSCH	648	033
80.46		03/1984	12/1984	BOSCH	648	033
80.56		03/1984	12/1984	BOSCH	648	033
ALFA ROMEO		de /from	until	M.Part./Starter	ZM	Pag.
2300 TI	com motor 102 álcool	10/1983	12/1987	BOSCH	574	022
Alfa 145	1.6i.e. com motor AR 33201 MPI Bosch	04/1994	12/1994	BOSCH	575	022
		10/1994	01/2001	BOSCH	1-381	003
Alfa 146		12/1994	01/2001	BOSCH	1-381	003
Alfa 147		01/2001	-	BOSCH	1-381	003
		-	-	MITSUBISHI	3-993	166
Alfa 155	2.5 TD com motor VM07B	04/1993	04/1996	BOSCH	674	035
	2.5 TD com motor VM31B	04/1993	04/1996	BOSCH	674	035
	2.5 TD com motor VM31B EDC-Bosch	05/1996	10/1997	BOSCH	674	035
Alfa 156		09/1997	-	BOSCH	1-381	003
		-	-	MITSUBISHI	3-993	166
Alfa 159		-	-	MITSUBISHI	3-993	166
Alfa 164	2.5 TD com motor VM08B	09/1992	10/1998	BOSCH	674	035
	2.5 TD com motor VM32B	09/1992	10/1998	BOSCH	674	035
	2.5 TD com motor VM84A	06/1987	09/1992	BOSCH	674	035
Alfa 33	1.8 TD com motor VM82A	09/1986	10/1994	BOSCH	674	035
	SW 1.8 TD com motor VM82A	03/1988	10/1994	BOSCH	674	035
Alfa 75	2.5 V6 CAT with AR 01648 engine	01/1987	02/1992	BOSCH	778	049
	2.5 V6 with AR 01646 engine	05/1985	08/1986	BOSCH	778	049
	2.5 V6 with AR 01911 engine	09/1986	04/1989	BOSCH	778	049
	3.0 V6 CAT with AR 06124 engine	01/1987	02/1992	BOSCH	778	049
	3.0 V6 with AR 06120 engine	01/1987	12/1990	BOSCH	778	049
	3.0 V6 with AR 61503 engine	02/1990	02/1992	BOSCH	778	049
Alfa 90	2.0i.e. with AR 06210 engine	10/1984	07/1987	BOSCH	778	049
	2.5i.e. V6 with AR 01646 engine	10/1984	07/1987	BOSCH	778	049
	2.5i.e. V6 with AR 01911 engine	10/1984	07/1987	BOSCH	778	049
Alfetta	(116) 2.0 TD with VM4HT/2 engine	10/1979	03/1983	BOSCH	544	018
		10/1979	03/1983	BOSCH	744	043
GT		11/2003	-	BOSCH	1-381	003
GTV	6 2.5 with AR 01646 engine	11/1980	12/1987	BOSCH	778	049
Mito	1.4 BiFuel	07/2011	-	VALEO	8-495	193
	1.4 Turbo	09/2008	-	VALEO	8-495	193
	1.4L	09/2008	-	HITACHI	3-710	119
		09/2008	-	MARELLI	9-395	136
		09/2008	-	VALEO	8-495	193
RZ	3.0 V6 Zagato with AR 61501 engine	01/1992	12/1994	BOSCH	778	049
SZ	3.0 V6 Zagato with AR 61501 engine	09/1988	08/1994	BOSCH	778	049
ALPINA		de /from	until	M.Part./Starter	ZM	Pag.
Roadster	4.8 V8	06/2002	-	BOSCH	2-475	010
ASHOK LAYLAND		de /from	until	M.Part./Starter	ZM	Pag.
for truck Grid Heater	with 12V system					

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ASHOK LAYLAND		de /from	until	M.Part./Starter	ZM	Pag.
for truck Grid Heater	with 12V system	-	-	BOSCH	3-671	034
	with 24V system	-	-	BOSCH	4-671	035
		-	-	DELCO REMY	427	076
		-	-	DELCO REMY	429	078
ASIA MOTORS		**de /from**	**until**	**M.Part./Starter**	**ZM**	**Pag.**
Towner		-	-	DELCO REMY	3-698	087
ASUNA		**de /from**	**until**	**M.Part./Starter**	**ZM**	**Pag.**
GT	1.6 L	01/1993	-	DELCO REMY	5-861	095
SE	1.6 L	01/1993	-	DELCO REMY	5-861	095
ATLAS COPCO		**de /from**	**until**	**M.Part./Starter**	**ZM**	**Pag.**
AR 50		03/1973	12/1978	BOSCH	543	017
AR 51		03/1973	12/1978	BOSCH	543	017
Compressors		-	-	ISKRA	1-579	128
US 85		02/1972	12/1986	BOSCH	543	017
XAMS355	com motor Cummins	-	-	DELCO REMY	1-362	069
		-	-	DELCO REMY	468	085
AUDI		**de /from**	**until**	**M.Part./Starter**	**ZM**	**Pag.**
100	1.6 com motor YM	01/1975	07/1976	BOSCH	2-571	020
	1.6 com motor YV	08/1976	07/1982	BOSCH	2-571	020
	1.8	08/1983	07/1989	BOSCH	5-773	045
		08/1983	07/1989	BOSCH	6-773	045
	1.8 CAT	03/1985	11/1990	BOSCH	5-773	045
		03/1985	11/1990	BOSCH	6-773	045
	1.8 L Quattro	08/1984	07/1990	BOSCH	5-773	045
		08/1984	07/1990	BOSCH	6-773	045
	1.8 Quatro CAT	08/1985	11/1990	BOSCH	5-773	045
		08/1985	11/1990	BOSCH	6-773	045
	1.9	01/1983	11/1991	MITSUBISHI	690	147
	2.0	12/1990	06/1994	BOSCH	5-773	045
		12/1990	06/1994	BOSCH	6-773	045
	2.0 E	12/1990	06/1994	BOSCH	5-773	045
		12/1990	06/1994	BOSCH	6-773	045
	2.0 E 16V	01/1992	06/1994	BOSCH	5-773	045
		01/1992	06/1994	BOSCH	6-773	045
	2.0 E Quattro	12/1990	07/1992	BOSCH	5-773	045
		12/1990	07/1992	BOSCH	6-773	045
	2.0 with RT, KP engine	08/1984	11/1990	MITSUBISHI	690	147
	2.0 with WA engine	08/1976	04/1977	BOSCH	625	025
	2.2 Quattro with RT, KP engine	08/1984	11/1990	MITSUBISHI	690	147
	2.2 com motor KU	08/1985	11/1990	BOSCH	573	021
	2.2 with RT, KP engine	08/1984	11/1990	MITSUBISHI	690	147
	2.3 Quattro with AAR, NF engine	08/1986	05/1991	MITSUBISHI	690	147
	2.3 with AAR, NF engine	08/1986	05/1991	MITSUBISHI	690	147
	Avant 2.0 E	09/1991	06/1994	BOSCH	5-773	045
		09/1991	06/1994	BOSCH	6-773	045
	Avant 2.0 E 16V	07/1992	06/1994	BOSCH	5-773	045
		07/1992	06/1994	BOSCH	6-773	045
	Avant 2.0 E Quattro	12/1990	07/1992	BOSCH	5-773	045
		12/1990	07/1992	BOSCH	6-773	045
	Combi 1.8	08/1983	07/1990	BOSCH	5-773	045
		08/1983	07/1990	BOSCH	6-773	045
	Combi 1.8 CAT	03/1985	11/1990	BOSCH	5-773	045
		03/1985	11/1990	BOSCH	6-773	045
	Combi 1.8 Quatro	08/1986	07/1990	BOSCH	5-773	045
		08/1986	07/1990	BOSCH	6-773	045
	Combi 1.8 Quatro CAT	08/1985	10/1990	BOSCH	5-773	045
		08/1985	10/1990	BOSCH	6-773	045
	LS 1.8L	01/1970	12/1971	BOSCH	629	026
100 III	1.8 L	01/1982	12/1987	PRESTOLITE	471	172

TABELA DE APLICAÇÃO
APPLICATION CHART

AUDI		de /from	until	M.Part./Starter	ZM	Pag.
100 III	1.8 L Quattro	01/1985	12/1987	PRESTOLITE	471	172
200	2.2	03/1983	08/1989	MITSUBISHI	690	147
	2.2 Quattro Turbo with 1B, 2B, 3B engine	03/1989	-	MITSUBISHI	690	147
	2.2 Quattro Turbo with JY, KG, MC engine	11/1984	04/1988	MITSUBISHI	690	147
	2.2 Turbo	08/1983	-	MITSUBISHI	690	147
	2.2 Turbo com motor KG	08/1983	01/1988	BOSCH	573	021
4000	1.6 com motor YG	08/1978	07/1980	BOSCH	2-571	020
	1.6 com motor YH	08/1978	07/1980	BOSCH	2-571	020
	1.6 com motor YK	08/1978	07/1980	BOSCH	2-571	020
5000	2.0 L diesel	01/1979	12/1985	HITACHI	687	117
		01/1979	12/1985	HITACHI	783	123
	2.3 Quattro with NF engine	10/1986	02/1988	MITSUBISHI	690	147
	2.3 with NF engine	10/1986	02/1988	MITSUBISHI	690	147
	Quattro 2.0 L diesel	01/1979	12/1985	HITACHI	687	117
		01/1979	12/1985	HITACHI	783	123
80	1.3 com motor ZF	05/1972	07/1978	BOSCH	2-571	020
	1.5 com motor ZB	05/1972	08/1975	BOSCH	2-571	020
	1.6	10/1973	06/1983	BOSCH	2-571	020
		08/1990	10/1991	BOSCH	5-773	045
		08/1990	10/1991	BOSCH	6-773	045
	1.6 E	06/1993	12/1994	BOSCH	5-773	045
		06/1993	12/1994	BOSCH	6-773	045
	1.8	09/1986	01/1990	BOSCH	5-773	045
		09/1986	01/1990	BOSCH	6-773	045
	1.8 E	06/1986	08/1991	BOSCH	5-773	045
		06/1986	08/1991	BOSCH	6-773	045
	1.8 E Quattro	09/1986	08/1991	BOSCH	5-773	045
		09/1986	08/1991	BOSCH	6-773	045
	1.8 Quattro	09/1986	08/1990	BOSCH	5-773	045
		09/1986	08/1990	BOSCH	6-773	045
	1.8 S	09/1986	10/1991	BOSCH	5-773	045
		09/1986	10/1991	BOSCH	6-773	045
	1.8 S Quattro	09/1986	09/1991	BOSCH	5-773	045
		09/1986	09/1991	BOSCH	6-773	045
	1.9 5S with WN engine	09/1981	07/1983	MITSUBISHI	690	147
	2.0 5E with JS engine	08/1983	07/1984	MITSUBISHI	690	147
	2.0 5S with JS engine	08/1983	07/1984	MITSUBISHI	690	147
	2.0 CD	08/1983	07/1984	MITSUBISHI	690	147
	2.0 E	08/1988	12/1994	BOSCH	5-773	045
		08/1988	12/1994	BOSCH	6-773	045
	2.0 E 16V	08/1992	12/1994	BOSCH	5-773	045
		08/1992	12/1994	BOSCH	6-773	045
	2.0 E 16V Quattro	09/1992	12/1994	BOSCH	5-773	045
		09/1992	12/1994	BOSCH	6-773	045
	2.0 E Quattro	06/1983	12/1994	BOSCH	5-773	045
		06/1983	12/1994	BOSCH	6-773	045
	2.0 L	10/1990	12/1994	BOSCH	5-773	045
		10/1990	12/1994	BOSCH	6-773	045
		01/1988	12/1990	HITACHI	583	114
		01/1988	12/1990	HITACHI	688	117
	2.0 Quattro	10/1990	08/1991	BOSCH	5-773	045
		10/1990	08/1991	BOSCH	6-773	045
	2.0 with JS R5 engine	08/1983	07/1984	MITSUBISHI	690	147
	2.1 Quattro	03/1979	07/1986	MITSUBISHI	690	147
	2.2 Quattro with KL, KK engine	08/1982	07/1984	MITSUBISHI	690	147
	2.2 S2	11/1991	06/1995	MITSUBISHI	690	147
	2.2 SE with WE engine	10/1980	08/1983	MITSUBISHI	690	147
	2.3 E	11/1991	06/1995	MITSUBISHI	690	147
	2.3 with NG engine	11/1991	06/1992	MITSUBISHI	690	147

TABELA DE APLICAÇÃO
APPLICATION CHART

AUDI		de /from	until	M.Part./Starter	ZM	Pag.
80	Avant 1.6 E	06/1993	01/1996	BOSCH	5-773	045
		06/1993	01/1996	BOSCH	6-773	045
	Avant 2.0	07/1992	01/1996	BOSCH	5-773	045
		07/1992	01/1996	BOSCH	6-773	045
	Avant 2.0 E	07/1992	01/1996	BOSCH	5-773	045
		07/1992	01/1996	BOSCH	6-773	045
	Avant 2.0 E 16V	02/1993	01/1996	BOSCH	5-773	045
		02/1993	01/1996	BOSCH	6-773	045
	Avant 2.0 E 16V Quattro	12/1992	07/1995	BOSCH	5-773	045
		12/1992	07/1995	BOSCH	6-773	045
	Avant 2.0 Quattro	11/1993	07/1996	BOSCH	5-773	045
		11/1993	07/1996	BOSCH	6-773	045
	Quattro 2.0 L	01/1988	12/1990	HITACHI	583	114
		01/1988	12/1990	HITACHI	688	117
80 II	1.6 L	01/1983	12/1986	PRESTOLITE	471	172
	1.6 L Auto	01/1986	12/1990	PRESTOLITE	471	172
	1.8 L	01/1983	12/1986	PRESTOLITE	471	172
	1.8 L Auto	01/1986	12/1990	PRESTOLITE	471	172
	1.8 L E	01/1984	12/1986	PRESTOLITE	471	172
	1.8 L Quattro	01/1984	12/1986	PRESTOLITE	471	172
	1.8 L SE Auto	01/1990	12/1991	PRESTOLITE	471	172
	2.0 L SE Auto	01/1988	12/1991	PRESTOLITE	471	172
90	2.0 20V with NM engine	01/1988	11/1991	MITSUBISHI	690	147
	2.0 L	01/1988	-	HITACHI	583	114
		01/1988	-	HITACHI	688	117
	2.0 Quattro with NM engine	01/1988	11/1991	MITSUBISHI	690	147
	2.0 with SK, HP, JS, PS engine	10/1984	-	MITSUBISHI	690	147
	2.2	07/1984	-	MITSUBISHI	690	147
	2.2 20V with KX, HY, KV, JT engine	10/1984	07/1991	MITSUBISHI	690	147
	2.2 Quattro with KX, HY, KV, JT engine	10/1984	07/1991	MITSUBISHI	690	147
	2.3 20V with NG, 7A engine	06/1998	11/1991	MITSUBISHI	690	147
	2.3 Quattro with NG, 7A engine	06/1998	11/1991	MITSUBISHI	690	147
	Quattro 2.0 L	01/1988	-	HITACHI	583	114
		01/1988	-	HITACHI	688	117
A1	1.2 TFSi gasoline	01/2012	-	VALEO	1-498	195
A3	1.6L FSI	08/2003	-	VALEO	1-498	195
	1.6L com motor AKL	05/1999	-	BOSCH	972	057
	1.8L T com motor AGU	12/1996	-	BOSCH	972	057
	1.8L T com motor AQA	08/1998	-	BOSCH	972	057
	1.8L TFSi	-	-	BOSCH	381	003
	1.8L com motor AGN	09/1996	-	BOSCH	972	057
	1.8L com motor APG	08/1998	-	BOSCH	972	057
	2.0L	-	-	BOSCH	381	003
	2.0L FSI	05/2003	-	VALEO	1-498	195
	Sportback 1.6 FSI	09/2004	-	VALEO	1-498	195
		01/2003	-	BOSCH	381	003
		-	-	BOSCH	7-381	005
		-	-	BOSCH	8-381	005
A4	1.6L	01/1995	07/2000	BOSCH	5-773	045
		01/1995	07/2000	BOSCH	6-773	045
	1.6L Avant	03/1996	07/2000	BOSCH	5-773	045
		03/1996	07/2000	BOSCH	6-773	045
	1.8L	01/1995	11/2000	BOSCH	5-773	045
		01/1995	11/2000	BOSCH	6-773	045
	1.8L Avant	02/1996	09/2001	BOSCH	5-773	045
		02/1996	09/2001	BOSCH	6-773	045
	1.8L Quattro	01/1995	11/2000	BOSCH	5-773	045
		01/1995	11/2000	BOSCH	6-773	045
	1.8L Quattro Avant	01/1996	09/2001	BOSCH	5-773	045

TABELA DE APLICAÇÃO
APPLICATION CHART

AUDI		de /from	until	M.Part./Starter	ZM	Pag.
A4	1.8L Quattro Avant	01/1996	09/2001	BOSCH	6-773	045
	1.8L T Avant	03/1996	09/2001	BOSCH	5-773	045
		03/1996	09/2001	BOSCH	6-773	045
	1.8L T Quattro	01/1995	11/2000	BOSCH	5-773	045
		01/1995	11/2000	BOSCH	6-773	045
	1.8L T Quattro Avant	01/1996	09/2001	BOSCH	5-773	045
		01/1996	09/2001	BOSCH	6-773	045
	2.8L V6 Quattro	01/2001	-	BOSCH	7-773	045
	2.8L V6 Quattro Avant	01/2001	-	BOSCH	7-773	045
	3.0L V6	01/2002	12/2005	BOSCH	7-773	045
	3.0L V6 Cabriolet	01/2003	12/2005	BOSCH	7-773	045
	3.0L V6 Quattro	01/2002	12/2005	BOSCH	7-773	045
	3.0L V6 Quattro Avant	01/2002	12/2005	BOSCH	7-773	045
	3.0L V6 Quattro Cabriolet	01/2002	12/2005	BOSCH	7-773	045
A6	1.8L	12/1995	10/1997	BOSCH	5-773	045
		12/1995	10/1997	BOSCH	6-773	045
	1.8L Avant	12/1995	12/1997	BOSCH	5-773	045
		12/1995	12/1997	BOSCH	6-773	045
	1.8L Quattro	12/1995	10/1997	BOSCH	5-773	045
		12/1995	10/1997	BOSCH	6-773	045
	1.8L Quattro Avant	12/1995	12/1997	BOSCH	5-773	045
		12/1995	12/1997	BOSCH	6-773	045
	1.8L T	12/1997	01/2005	BOSCH	5-773	045
		12/1997	01/2005	BOSCH	6-773	045
	1.8L T Quattro	02/1997	01/2005	BOSCH	5-773	045
		02/1997	01/2005	BOSCH	6-773	045
	1.8L T Avant	12/1997	01/2005	BOSCH	5-773	045
		12/1997	01/2005	BOSCH	6-773	045
	1.8L T Quattro Avant	12/1997	01/2005	BOSCH	5-773	045
		12/1997	01/2005	BOSCH	6-773	045
	2.0L	06/1994	10/1997	BOSCH	5-773	045
		06/1994	10/1997	BOSCH	6-773	045
	2.0L 16V	06/1994	10/1997	BOSCH	5-773	045
		06/1994	10/1997	BOSCH	6-773	045
	2.0L 16V Avant	06/1994	12/1997	BOSCH	5-773	045
		06/1994	12/1997	BOSCH	6-773	045
	2.0L 16V Quattro	06/1994	10/1997	BOSCH	5-773	045
		06/1994	10/1997	BOSCH	6-773	045
	2.0L 16V Quattro Avant	06/1994	12/1997	BOSCH	5-773	045
		06/1994	12/1997	BOSCH	6-773	045
	2.0L Avant	06/1994	12/1997	BOSCH	5-773	045
		06/1994	12/1997	BOSCH	6-773	045
	2.3L with AAR engine	06/1994	-	MITSUBISHI	690	147
	2.8L 6 Cyl.	01/1998	12/2001	BOSCH	7-773	045
	4.2L Quattro with ARS engine	11/1998	-	BOSCH	773	044
	4.2L Quattro Avant with ARS engine	11/1998	-	BOSCH	773	044
	4.2L Quattro Avant with ASG engine	11/1998	-	BOSCH	773	044
	4.2L Quattro Avant with AWN engine	11/1998	-	BOSCH	773	044
	4.2L Quattro with ASG engine	11/1998	-	BOSCH	773	044
	Allroad Quattro	01/2001	12/2005	BOSCH	7-773	045
	Avant Quattro	01/1999	12/2004	BOSCH	7-773	045
	S4 2.7L 6 Cyl.	01/2000	12/2002	BOSCH	7-773	045
	S4 2.7L Avant 6 Cyl.	01/2001	12/2002	BOSCH	7-773	045
	S6 Quattro Avant with ANK engine	09/1999	-	BOSCH	773	044
	S6 Quattro Avant with AQJ engine	09/1999	-	BOSCH	773	044
	S6 Quattro with ANK engine	09/1999	-	BOSCH	773	044
	S6 Quattro with AQJ engine	09/1999	-	BOSCH	773	044
A8	3.7 Quattro with AEW engine	07/1995	11/1998	BOSCH	773	044
	3.7 Quattro with AKC engine	11/1998	09/2002	BOSCH	773	044
	3.7 Quattro with AKJ engine					

TABELA DE APLICAÇÃO
APPLICATION CHART

AUDI		de /from	until	M.Part./Starter	ZM	Pag.
A8	3.7 Quattro with AKJ engine	07/1995	11/1998	BOSCH	773	044
	3.7 Quattro with AQG engine	11/1998	09/2002	BOSCH	773	044
	3.7 with AEW engine	07/1995	12/1998	BOSCH	773	044
	3.7 with AKC engine	11/1998	09/2002	BOSCH	773	044
	3.7 with AQG engine	11/1998	09/2002	BOSCH	773	044
	4.2 Quattro with ABZ engine	03/1994	11/1998	BOSCH	773	044
	4.2 Quattro with AEM engine	03/1994	07/1996	BOSCH	773	044
	4.2 Quattro with AKG engine	03/1994	11/1998	BOSCH	773	044
	4.2 Quattro with AQF engine	11/1998	09/2002	BOSCH	773	044
	4.2 Quattro with ARU engine	02/1999	04/2000	BOSCH	773	044
	4.2 Quattro with AUW engine	11/1998	09/2002	BOSCH	773	044
	4.2 Quattro with AUX engine	11/1998	09/2002	BOSCH	773	044
	S8 Quattro with AHC engine	07/1996	06/1999	BOSCH	773	044
	S8 Quattro with AKH engine	07/1996	06/1999	BOSCH	773	044
	S8 Quattro with AQH engine	03/1999	09/2002	BOSCH	773	044
	S8 Quattro with AVP engine	03/1999	09/2002	BOSCH	773	044
Cabrio	2.3 with NG engine	07/1992	-	MITSUBISHI	690	147
Cabriolet	1.8	01/1997	08/2000	BOSCH	5-773	045
		01/1997	08/2000	BOSCH	6-773	045
	2.0 E	01/1993	07/1998	BOSCH	5-773	045
		01/1993	07/1998	BOSCH	6-773	045
Coupe	1.8 L	08/1989	07/1991	BOSCH	5-773	045
		08/1989	07/1991	BOSCH	6-773	045
		01/1981	12/1988	PRESTOLITE	471	172
	2.0	05/1989	12/1996	BOSCH	5-773	045
		05/1989	12/1996	BOSCH	6-773	045
	2.0 16V	08/1992	12/1996	BOSCH	5-773	045
		08/1992	12/1996	BOSCH	6-773	045
	2.0 20V with NM, HP, JS engine	11/1988	09/1989	MITSUBISHI	690	147
	2.0 5E with NM, HP, JS engine	11/1988	09/1989	MITSUBISHI	690	147
	2.0 E	10/1988	09/1996	MITSUBISHI	690	147
	2.0 Quattro with HY, JT, KV engine	12/1984	07/1991	MITSUBISHI	690	147
	2.0 SE with NM, HP, JS engine	11/1988	09/1989	MITSUBISHI	690	147
	2.2 S2	10/1988	09/1996	MITSUBISHI	690	147
	2.2 with HY, KV, KX engine	01/1984	07/1991	MITSUBISHI	690	147
	2.3 20V with 7A engine	09/1989	11/1991	MITSUBISHI	690	147
	2.3 E	10/1988	09/1996	MITSUBISHI	690	147
	2.3 Quattro with 7A engine	09/1989	11/1991	MITSUBISHI	690	147
	2.3 Quattro with NG engine	09/1989	11/1991	MITSUBISHI	690	147
	2.3 with NG engine	09/1989	07/1992	MITSUBISHI	690	147
	S2 Quattro with ABY, 3B engine	10/1990	09/1996	MITSUBISHI	690	147
	II 2.0 L E Auto	01/1989	12/1992	PRESTOLITE	471	172
Quattro	2.2 with GV, WR, WX engine	01/1983	07/1989	MITSUBISHI	690	147
	2.2 with MB engine	08/1987	07/1989	MITSUBISHI	690	147
Super 90	1.8 L	01/1970	12/1972	BOSCH	629	026
TT	2.5L TFSI	-	-	BOSCH	381	003
		-	-	VALEO	1-498	195
		-	-	BOSCH	8-381	005
TT Coupe	1.8 T com motor AJQ	07/1998	08/2000	BOSCH	972	057
	1.8 T com motor APP	11/1999	-	BOSCH	972	057

AUSTIN ROVER		de /from	until	M.Part./Starter	ZM	Pag.
Austin Maestro	XC 1.3	03/1983	08/1985	BOSCH	4-773	045
	XC 1.3 LS	03/1983	08/1990	BOSCH	4-773	045
	XC 1.6	03/1983	10/1994	BOSCH	4-773	045
	XC 1.6 Mayfair HLS	03/1983	08/1990	BOSCH	4-773	045

AUTOBIANCHI		de /from	until	M.Part./Starter	ZM	Pag.
Y10	1.0 4WD with 156 A3.000 engine	12/1986	-	MARELLI	7-651	142
	1.0 Cat with 156 A2.246 engine	10/1987	-	MARELLI	7-651	142
	1.0 with 156 A2.000 engine	03/1985	-	MARELLI	7-651	142

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AUTOBIANCHI		de /from	until	M.Part./Starter	ZM	Pag.
Y10	1.1 4WD with 156 C.000 engine	06/1989	-	MARELLI	7-651	142
	1.1 with 156 C.000 engine	06/1989	-	MARELLI	7-651	142
	1.1i.e. Cat with 156 C.046 engine	09/1990	-	MARELLI	7-651	142
BEDFORD		de /from	until	M.Part./Starter	ZM	Pag.
Astra	1.6 with 16 SV engine	08/1984	09/1991	BOSCH	4-775	046
Blitz	1.8 with N18Z engine	08/1969	10/1987	HITACHI	1-684	116
		08/1969	10/1987	HITACHI	683	116
		08/1969	10/1987	HITACHI	684	116
BMW		de /from	until	M.Part./Starter	ZM	Pag.
1 Series	125i	08/2011	-	BOSCH	1-382	006
		01/2007	-	MARELLI	4-397	138
		08/2011	-	BOSCH	1-382	006
3 Series	316 Ecotronic with M10B18 (2BE) engine	09/1983	12/1990	BOSCH	475	010
		09/1983	12/1990	MARELLI	2-395	134
	316 with M10B18 (2B4) engine	09/1982	12/1987	BOSCH	475	010
		09/1982	12/1987	MARELLI	2-395	134
	316Ci Coupe with M43B16 (16 4 E3) engine	04/2000	-	BOSCH	378	002
		04/2000	-	MARELLI	2-395	134
	316g Compact	12/1995	08/2000	BOSCH	378	002
	316i Compact with M43 (16 4 E3) engine	12/1998	08/2000	BOSCH	378	002
		12/1998	08/2000	MARELLI	2-395	134
	316i Compact with M43B16 engine	03/1994	08/2000	BOSCH	378	002
		03/1994	08/2000	MARELLI	2-395	134
	316i Coupe with M43B16 engine	09/1993	04/1999	BOSCH	378	002
		09/1933	04/1999	MARELLI	2-395	134
	316i Touring with M40B16 (Kat.) engine	09/1991	06/1994	BOSCH	378	002
		09/1991	06/1994	MARELLI	2-395	134
	316i Touring with M40B16 engine	09/1991	06/1994	BOSCH	378	002
		09/1991	06/1994	MARELLI	2-395	134
	316i Touring with M43B16 engine	01/1996	10/1999	BOSCH	378	002
		01/1996	10/1999	MARELLI	2-395	134
	316i with M40B16 (Kat.) engine	09/1987	09/1993	BOSCH	378	002
		09/1987	06/1991	MARELLI	2-395	134
	316i with M40B16 engine	07/1988	09/1993	BOSCH	378	002
		07/1988	06/1991	MARELLI	2-395	134
	316i with M42B16 engine	07/1993	02/1998	MARELLI	2-395	134
	316i with M43 (16 4 E3) engine	09/1998	-	BOSCH	378	002
		09/1998	02/2005	MARELLI	2-395	134
	316i with M43B16 (16 4 E3) engine	04/2000	-	BOSCH	378	002
		04/2000	02/2005	MARELLI	2-395	134
	316i with M43B16 engine	09/1993	02/1998	BOSCH	378	002
		09/1990	09/1993	MARELLI	2-395	134
	318 tds Compact with M41D18 engine	01/1995	12/1999	BOSCH	475	010
	318 tds Touring with M41D18 engine	01/1995	08/2000	BOSCH	475	010
	318 tds with M41D18 engine	01/1995	02/1998	BOSCH	475	010
	318Ci Coupe with M42B20 engine	09/2001	-	MARELLI	2-395	134
	318Ci Coupe with M43B19 engine	11/1999	09/2001	BOSCH	378	002
		11/1999	09/2001	MARELLI	2-395	134
	318i Convertible with M40B18 (Kat.) engine	09/1990	10/1993	BOSCH	378	002
		09/1990	10/1993	MARELLI	2-395	134
	318i Convertible with M40B18 engine	01/1994	04/1999	BOSCH	378	002
		01/1994	04/1999	MARELLI	2-395	134
	318i Touring with M40B18 (Kat.) engine	04/1989	06/1994	BOSCH	378	002
		04/1989	06/1994	MARELLI	2-395	134
	318i Touring with M40B18 engine	09/1987	06/1991	BOSCH	378	002
		09/1987	06/1991	MARELLI	2-395	134
	318i Touring with M43B18 engine	07/1995	10/1999	BOSCH	378	002
		07/1995	10/1999	MARELLI	2-395	134
	318i Touring with M43B19 engine	10/1999	09/2001	BOSCH	378	002

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BMW		de /from	until	M.Part./Starter	ZM	Pag.
3 Series	318i Touring with M43B19 engine	10/1999	09/2001	MARELLI	2-395	134
	318i with M10B18 (K) engine	12/1984	08/1988	BOSCH	475	010
		09/1982	08/1987	MARELLI	2-395	134
	318i with M10B18 (L) engine	09/1982	08/1987	BOSCH	475	010
		12/1984	08/1988	MARELLI	2-395	134
	318i with M10B18 (L, Cat.) engine	12/1984	08/1988	MARELLI	2-395	134
	318i with M40B18 (Kat.) engine	09/1987	10/1993	BOSCH	378	002
		09/1987	06/1991	MARELLI	2-395	134
	318i with M40B18 engine	09/1987	06/1991	BOSCH	378	002
		09/1987	06/1991	MARELLI	2-395	134
	318i with M43B18 engine	10/1993	02/1998	BOSCH	378	002
		10/1993	02/1998	MARELLI	2-395	134
	318i with M43B19 engine	02/1998	09/2001	BOSCH	378	002
	318is Coupe with M42B18 engine	03/1992	10/1995	BOSCH	378	002
		03/1992	10/1995	MARELLI	2-395	134
	318is Coupe with M44B19 engine	09/1995	04/1999	BOSCH	378	002
		09/1995	04/1999	MARELLI	2-395	134
	318is with M42B18 engine	09/1989	09/1997	BOSCH	378	002
		09/1989	08/1991	MARELLI	2-395	134
	318is with M44B19 engine	09/1995	02/1998	BOSCH	378	002
		09/1995	02/1998	MARELLI	2-395	134
	318ti Compact with M42B18 engine	11/1994	08/1995	BOSCH	378	002
		11/1994	08/1995	MARELLI	2-395	134
	318ti Compact with M44B19 engine	07/1995	08/2000	BOSCH	378	002
		07/1995	08/2000	MARELLI	2-395	134
	320Ci Convertible with M54 (22 6 S1) engine	09/2000	-	BOSCH	378	002
		09/2000	-	MARELLI	2-395	134
	320Ci Convertible with M54B22 engine	09/2000	-	BOSCH	378	002
		09/2000	-	MARELLI	2-395	134
	320Ci Coupe with M52B (20 6 S4) engine	08/1999	09/2000	BOSCH	378	002
		08/1999	09/2000	MARELLI	2-395	134
	320Ci Coupe with M54 (22 6 S1) engine	09/2000	-	BOSCH	378	002
		09/2000	-	MARELLI	2-395	134
	320d 2.0	01/1998	12/2001	MARELLI	2-396	137
	320i	02/2012	-	BOSCH	1-382	006
	320i 2.0L	01/1998	12/2001	MARELLI	2-396	137
	320i Convertible with M50B (20 6 S2) engine	12/1993	04/1999	BOSCH	378	002
		12/1993	04/1999	MARELLI	2-395	134
	320i Convertible with M52B (20 6 S3) engine	12/1993	04/1999	BOSCH	378	002
		12/1993	04/1999	MARELLI	2-395	134
	320i Coupe with M50B (20 6 S1) engine	03/1992	04/1999	BOSCH	378	002
		03/1992	04/1999	MARELLI	2-395	134
	320i Coupe with M50B (20 6 S2) engine	03/1992	04/1999	BOSCH	378	002
		03/1992	04/1999	MARELLI	2-395	134
	320i Coupe with M52B (20 6 S3) engine	03/1992	04/1999	BOSCH	378	002
		03/1992	04/1999	MARELLI	2-395	134
	320i Touring with M52B (20 6 S3) engine	01/1995	09/2000	BOSCH	378	002
		01/1995	10/1999	MARELLI	2-395	134
	320i Touring with M54 (22 6 S1) engine	09/2000	-	BOSCH	378	002
		09/2000	-	MARELLI	2-395	134
	320i with M50B (20 6 S1) engine	09/1990	02/1998	BOSCH	378	002
		09/1990	02/1998	MARELLI	2-395	134
	320i with M50B (20 6 S2) (vanos) engine	09/1990	02/1998	BOSCH	378	002
		09/1990	02/1998	MARELLI	2-395	134
	320i with M52B (20 6 S3) (vanos) engine	09/1990	09/2000	BOSCH	378	002
		09/1990	02/1998	MARELLI	2-395	134
	320i with M54 (22 6 S1) engine	09/2000	-	BOSCH	378	002
		09/2000	02/2005	MARELLI	2-395	134
	323Ci Convertible with M52B25 engine	04/2000	09/2000	BOSCH	378	002
		04/2000	09/2000	MARELLI	2-395	134

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3 Series	323Ci Coupe with M52B25 (vanos) engine	04/1999	09/2000	BOSCH	378	002
		04/1999	09/2000	MARELLI	2-395	134
	323i 2.5L Convertible with M52B25 engine	06/1995	04/1999	BOSCH	378	002
		06/1995	04/1999	MARELLI	2-395	134
	323i 2.5L Coupe with M52B25 (vanos) engine	03/1995	04/1999	BOSCH	378	002
		03/1995	04/1999	MARELLI	2-395	134
	323i 2.5L Touring with M52B25 (vanos) engine	09/1995	10/1999	BOSCH	378	002
		09/1995	10/1999	MARELLI	2-395	134
	323i 2.5L with M52B25 (vanos) engine	03/1995	02/1998	BOSCH	378	002
		03/1995	02/1998	MARELLI	2-395	134
	323i with M52B25 (Vanos) engine	03/1998	09/2000	BOSCH	378	002
	323ti Compact with M52B25 (vanos) engine	08/1997	08/2000	BOSCH	378	002
		08/1997	08/2000	MARELLI	2-395	134
	324 2.4 D with M21D24 engine	09/1985	-	MARELLI	396	136
	324 2.4 TD with M21D24 engine	09/1985	-	MARELLI	396	136
	325 2.5 TD with M51D25 engine	09/1991	-	MARELLI	396	136
	325Ci Convertible with M54 (25 6 S5) engine	09/2000	-	BOSCH	378	002
		09/2000	-	MARELLI	2-395	134
	325Ci Coupe with M54 (25 6 S5) engine	09/2000	-	BOSCH	378	002
		09/2000	-	MARELLI	2-395	134
	325i Convertible with M52B25 engine	03/1993	03/1995	BOSCH	378	002
		03/1993	03/1995	MARELLI	2-395	134
	325i Coupe with M52B25 (vanos) engine	03/1992	04/1999	BOSCH	378	002
		03/1992	04/1999	MARELLI	2-395	134
	325i Touring with M54 (25 6 S5) engine	09/2000	-	BOSCH	378	002
		09/2000	-	MARELLI	2-395	134
	325i with M50B25 engine	09/1990	09/1995	BOSCH	378	002
		09/1990	09/1995	MARELLI	2-395	134
	325i with M52B25 (vanos) engine	09/1990	09/1995	BOSCH	378	002
		09/1990	09/1995	MARELLI	2-395	134
	325i with M54 (25 6 S5) engine	09/2000	-	BOSCH	378	002
	325ti Compact with M54 (25 6 S5) engine	06/2001	-	BOSCH	378	002
		06/2001	-	MARELLI	2-395	134
	325xi Touring with M54 (25 6 S5) engine	09/2000	-	BOSCH	378	002
		09/2000	-	MARELLI	2-395	134
	325xi with M54 (25 6 S5) engine	09/2000	-	BOSCH	378	002
	328Ci Coupe with M52B28 engine	04/1999	06/2000	BOSCH	378	002
		04/1999	06/2000	MARELLI	2-395	134
	328i	06/2012	-	BOSCH	1-382	006
	328i Convertible with M52B28 engine	03/1995	04/1999	BOSCH	378	002
		03/1995	04/1999	MARELLI	2-395	134
	328i Coupe with M52B28 engine	01/1995	04/1999	BOSCH	378	002
		01/1995	04/1999	MARELLI	2-395	134
	328i Touring with M52B28 engine	01/1995	06/2000	BOSCH	378	002
		01/1995	10/1999	MARELLI	2-395	134
	328i with M52B28 engine	01/1995	06/2000	BOSCH	378	002
		01/1995	02/1998	MARELLI	2-395	134
	330Ci Convertible with M54 (30 6 S3) engine	06/2000	-	BOSCH	378	002
		06/2000	-	MARELLI	2-395	134
	330Ci Coupe with M54 (30 6 S3) engine	06/2000	-	BOSCH	378	002
		06/2000	-	MARELLI	2-395	134
	330i Touring with M54 (30 6 S3) engine	06/2000	-	BOSCH	378	002
		06/2000	-	MARELLI	2-395	134
	330i with M54 (30 6 S3) engine	06/2000	-	BOSCH	378	002
		06/2000	02/2005	MARELLI	2-395	134
	330xi Touring with M54 (30 6 S3) engine	06/2000	-	BOSCH	378	002
		06/2000	-	MARELLI	2-395	134
	330xi with M54 (30 6 S3) engine	06/2000	-	BOSCH	378	002
		06/2000	02/2005	MARELLI	2-395	134
		-	-	MARELLI	3-396	137

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BMW		de /from	until	M.Part./Starter	ZM	Pag.
3 Series		01/2005	-	MARELLI	4-397	138
		02/2012	-	BOSCH	1-382	006
		-	-	BOSCH	7-381	005
4 Series	428i	03/2014	-	BOSCH	1-382	006
5 Series	518g Touring with M43B18 engine	11/1995	06/1996	BOSCH	378	002
	518i Touring with M40B18 (Kat.) engine	03/1993	09/1994	BOSCH	378	002
		03/1993	09/1994	MARELLI	2-395	134
	518i Touring with M43B18 engine	09/1994	01/1997	BOSCH	378	002
		11/1995	06/1996	MARELLI	2-395	134
	518i with M43B18 (Kat.) engine	08/1989	09/1995	BOSCH	378	002
		08/1989	09/1995	MARELLI	2-395	134
	518i with M43B18 engine	08/1989	09/1995	BOSCH	378	002
		08/1989	09/1995	MARELLI	2-395	134
	520i 24V with M50B (20 6 S1) engine	08/1989	09/1995	BOSCH	378	002
		09/1989	09/1995	MARELLI	2-395	134
	520i 24V with M50B (20 6 S2) vanos engine	08/1989	09/1995	BOSCH	378	002
		09/1989	09/1995	MARELLI	2-395	134
	520i Touring with M 54 B 22 engine	09/2000	-	BOSCH	378	002
		09/2000	05/2004	MARELLI	2-395	134
	520i Touring with M50B (20 6 S1) engine	11/1991	01/1997	BOSCH	378	002
		11/1991	01/1997	MARELLI	2-395	134
	520i Touring with M50B (20 6 S2) engine	11/1991	01/1997	BOSCH	378	002
		11/1991	01/1997	MARELLI	2-395	134
	520i Touring with M52B (206S3) engine	01/1997	09/2000	BOSCH	378	002
		01/1997	09/2000	MARELLI	2-395	134
	520i Touring with M52B (206S4) engine	01/1997	09/2000	BOSCH	378	002
		01/1997	09/2000	MARELLI	2-395	134
	520i with M20B20 engine	01/1988	08/1991	BOSCH	475	010
	520i with M52B (20 6 S3) vanos engine	01/1996	09/2000	BOSCH	378	002
		01/1996	09/2000	MARELLI	2-395	134
	520i with M52B (20 6 S4) engine	01/1996	09/2000	BOSCH	378	002
		01/1996	09/2000	MARELLI	2-395	134
	520i with M54B22 engine	09/2000	-	BOSCH	378	002
		09/2000	06/2003	MARELLI	2-395	134
	523i Touring with M52B25 (vanos) engine	01/1997	09/2000	BOSCH	378	002
		01/1997	09/2000	MARELLI	2-395	134
	523i with M52B25 (vanos) engine	11/1995	09/2000	BOSCH	378	002
		11/1995	09/2000	MARELLI	2-395	134
	524 2.4 D with M21D24 engine	09/1983	-	MARELLI	396	136
	524 2.4 TD with M21D24 engine	09/1983	-	MARELLI	396	136
	525 2.5 TD Touring with M51D25 engine	09/1991	-	MARELLI	396	136
	525i 24V with M50B25 engine	08/1989	09/1995	BOSCH	378	002
		09/1989	09/1995	MARELLI	2-395	134
	525i 24V with M52B25 (vanos) engine	08/1989	09/1995	BOSCH	378	002
		09/1989	09/1995	MARELLI	2-395	134
	525i Touring with M50B25 engine	11/1991	01/1997	BOSCH	378	002
		11/1991	01/1997	MARELLI	2-395	134
	525i Touring with M52B25 (vanos) engine	11/1991	01/1997	BOSCH	378	002
		11/1991	01/1997	MARELLI	2-395	134
	525i Touring with M54 (256S5) engine	09/2000	-	BOSCH	378	002
		09/2000	05/2004	MARELLI	2-395	134
	525i X 24V with M52B25 (vanos) engine	10/1991	09/1995	BOSCH	378	002
		10/1991	09/1995	MARELLI	2-395	134
	525i X Touring with M50B25 engine	02/1992	01/1997	BOSCH	378	002
		02/1992	01/1997	MARELLI	2-395	134
	525i X Touring with M52B25 (vanos) engine	02/1992	01/1997	BOSCH	378	002
		02/1992	01/1997	MARELLI	2-395	134
	525i with M30B25 (L) engine	06/1981	12/1987	MARELLI	2-395	134
	525i with M54 (25 6 S5) engine	09/2000	-	BOSCH	378	002
		09/2000	06/2003	MARELLI	2-395	134

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BMW		de /from	until	M.Part./Starter	ZM	Pag.
5 Series	528i Touring with M52B28 engine	01/1997	09/2000	BOSCH	378	002
		01/1997	09/2000	MARELLI	2-395	134
	528i with M30B28 (L) engine	06/1981	12/1987	MARELLI	2-395	134
	528i with M52B28 engine	11/1995	09/2000	BOSCH	378	002
		11/1995	09/2000	MARELLI	2-395	134
	530d Touring with M57D30 engine	08/1998	09/2000	MARELLI	396	136
	530d with M57D30 engine	08/1998	09/2000	MARELLI	396	136
	530i Touring with M54 (306S3) engine	09/2000	-	BOSCH	378	002
		09/2000	05/2004	MARELLI	2-395	134
	530i V8	09/1992	09/1995	BOSCH	2-475	010
	530i V8 Touring	09/1992	01/1996	BOSCH	2-475	010
	530i with M54 (30 6 S3) engine	09/2000	-	BOSCH	378	002
		09/2000	06/2003	MARELLI	2-395	134
	535i	04/1996	06/2003	BOSCH	2-475	010
	535i (E12) with M30B35 (9.3:1) engine	06/1980	08/1981	BOSCH	726	038
	535i (E28) with M30B35 (10:1) engine	01/1985	12/1987	BOSCH	726	038
	535i (E28) with M30B35 (8:1, Kat.) engine	01/1985	12/1987	BOSCH	726	038
	535i (E28) with M30B35 (Kat.) engine	01/1985	12/1987	BOSCH	726	038
	540i	04/1996	06/2003	BOSCH	2-475	010
	540i Touring	09/1993	05/2004	BOSCH	2-475	010
	540i V8	09/1992	09/1995	BOSCH	2-475	010
	M5	10/1998	06/2003	BOSCH	2-475	010
		-	-	MARELLI	2-396	137
		-	-	MARELLI	3-396	137
		01/2005	-	MARELLI	4-397	138
6 Series	628 CSi with M30B28 (L) engine	09/1979	08/1987	MARELLI	2-395	134
	630 CS (E24) with M30B30 (4A1) engine	04/1976	08/1979	BOSCH	726	038
	633 CSi (E24) with M30B32 (L) engine	04/1976	09/1978	BOSCH	726	038
	633 CSi (E24) with M30B32 (L, 9:1) engine	09/1978	08/1984	BOSCH	726	038
	633 CSi (E24) with M30B32 engine	09/1978	08/1984	BOSCH	726	038
	635 CSi (E24) with M30B35 (8:1, Kat.) engine	08/1987	05/1979	BOSCH	726	038
	635 CSi (E24) with M30B35 (9:1, Kat.) engine	06/1978	08/1988	BOSCH	726	038
	635 CSi (E24) with M30B35 engine	06/1978	08/1988	BOSCH	726	038
	640i	06/2011	-	BOSCH	1-382	006
	M635 CSi (E24) with S38B35 (Kat) engine	03/1984	05/1989	BOSCH	726	038
	M635 CSi (E24) with S38B35 engine	01/1985	05/1989	BOSCH	726	038
		01/2004	-	MARELLI	4-397	138
		06/2011	-	BOSCH	1-382	006
7 Series	728 with M30B28 (4A1) engine	05/1977	08/1987	MARELLI	2-395	134
	728i with M30B28 (L) engine	07/1978	08/1986	MARELLI	2-395	134
	728i with M52B28 engine	08/1995	11/2001	BOSCH	378	002
		08/1995	11/2001	MARELLI	2-395	134
	728iL with M52B28 engine	08/1995	11/2001	BOSCH	378	002
		08/1995	11/2001	MARELLI	2-395	134
	730i	10/1994	11/2001	BOSCH	2-475	010
	730i V8	04/1992	09/1994	BOSCH	2-475	010
	730iL	10/1994	11/2001	BOSCH	2-475	010
	730iL V8	04/1992	09/1994	BOSCH	2-475	010
	732i (E23) with M30B32 (10:1) engine	05/1977	08/1986	BOSCH	726	038
	732i (E23) with M30B32 (L, 9:1) engine	05/1977	08/1986	BOSCH	726	038
	732i (E23) with M30B32 engine	10/1986	10/1988	BOSCH	726	038
	733i (E23) with M30B32 (10:1) engine	05/1977	08/1986	BOSCH	726	038
	733i (E23) with M30B32 (L, 9:1) engine	05/1977	08/1986	BOSCH	726	038
	733i (E23) with M30B32 engine	05/1977	08/1986	BOSCH	726	038
	735i	01/1996	11/2001	BOSCH	2-475	010
	735i (E23) with M30B35 (10:1) engine	09/1979	08/1986	BOSCH	726	038
	735i (E23) with M30B35 (8:1, Kat.) engine	01/1985	08/1986	BOSCH	726	038
	735i (E23) with M30B35 (9.3:1) engine	09/1979	08/1986	BOSCH	726	038
	735i (E23) with M30B35 engine	04/1985	08/1986	BOSCH	726	038

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BMW		de /from	until	M.Part./Starter	ZM	Pag.
7 Series	735iL	01/1996	11/2001	BOSCH	2-475	010
	740i	10/1994	11/2001	BOSCH	2-475	010
	740i V8	04/1992	09/1994	BOSCH	2-475	010
	740iL	10/1994	11/2001	BOSCH	2-475	010
	740iL V8	04/1992	09/1994	BOSCH	2-475	010
	745i (E23) with M30B32 (Turbo, 8:1) engine	04/1980	04/1983	BOSCH	726	038
	745i (E23) with M30B32 engine	04/1980	04/1983	BOSCH	726	038
	745i (E23) with M30B35 (Turbo, 7.5:1) engine	04/1980	04/1983	BOSCH	726	038
	745i (E23) with M30B35 engine	05/1983	08/1986	BOSCH	726	038
	750i (E32) with M70B50 (50 12 A) engine	09/1987	08/1990	BOSCH	475	010
	750i (E32) with M73B54 (54 12 1/2) engine	06/1994	12/2001	BOSCH	475	010
	750iL (E32) with M70B50 (50 12 A) engine	09/1987	08/1990	BOSCH	475	010
	750iL (E38) with M73B54 (54 12 1/2) engine	06/1994	12/2001	BOSCH	475	010
		01/2005	-	MARELLI	4-397	138
8 Series	840Ci	01/1996	12/1999	BOSCH	2-475	010
	840i	02/1993	02/1996	BOSCH	2-475	010
	850 CSi (E31) with M73B54 (54 12 1) engine	08/1992	10/1996	BOSCH	475	010
	850 Ci (E31) with M73B54 (54 12 1) engine	03/1994	12/1999	BOSCH	475	010
	850Ci (E31) with M70B50 (50 12 A) engine	07/1989	12/1994	BOSCH	475	010
	850i (E31) with M70B50 (50 12 A) engine	07/1989	12/1994	BOSCH	475	010
X1		09/2011	-	BOSCH	1-382	006
X3		01/2006	-	MARELLI	4-397	138
		08/2011	-	BOSCH	1-382	006
X5	4.4i	05/2000	-	BOSCH	2-475	010
	4.6i	02/2002	-	BOSCH	2-475	010
		01/2008	-	MARELLI	4-397	138
X6		01/2008	-	MARELLI	4-397	138
Z3	1.8L with M43B18 engine	10/1995	10/1998	BOSCH	378	002
		10/1995	10/1998	MARELLI	2-395	134
	1.9L with M43 (19 4 E1) engine	07/1998	-	BOSCH	378	002
		01/1999	-	MARELLI	2-395	134
	1.9L with M43B19 engine	07/1998	-	BOSCH	378	002
		07/1998	-	MARELLI	2-395	134
	1.9L with M44B19 engine	10/1995	03/1999	BOSCH	378	002
		10/1995	03/1999	MARELLI	2-395	134
	2.0L with M52B (20 6 S3) vanos engine	04/1999	-	BOSCH	378	002
		04/1999	-	MARELLI	2-395	134
	2.2L with M54 (22 6 S1) engine	08/2000	-	BOSCH	378	002
		08/2000	-	MARELLI	2-395	134
	2.2L with M54B22 engine	08/2000	-	BOSCH	378	002
		08/2000	-	MARELLI	2-395	134
	2.8L Coupe with M52B28 engine	07/1997	06/2000	BOSCH	378	002
		07/1997	06/2000	MARELLI	2-395	134
	2.8L with M52B28 engine	04/1997	06/2000	BOSCH	378	002
		04/1997	06/2000	MARELLI	2-395	134
	3.0L Coupe with M54 (30 6 S3) engine	06/2000	-	BOSCH	378	002
		06/2000	-	MARELLI	2-395	134
	3.0L with M54 (30 6 S3) engine	06/2000	-	BOSCH	378	002
		06/2000	-	MARELLI	2-395	134
	3.2L M with S50B32 engine	03/1997	03/2001	MARELLI	2-395	134
Z4		01/2006	-	MARELLI	4-397	138
		09/2011	-	BOSCH	1-382	006
Z8	4.9L	06/2000	06/2003	BOSCH	2-475	010
BOBCAT		de /from	until	M.Part./Starter	ZM	Pag.
1600		01/1989	-	DELCO REMY	805	087
611	with 411 Deutz engine	01/1980	12/1980	DELCO REMY	805	087
621	with 411 Deutz engine	01/1980	12/1980	DELCO REMY	805	087
643		01/1982	12/1988	DELCO REMY	805	087
721	with 411 Deutz engine	01/1980	12/1980	DELCO REMY	805	087

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BOBCAT		de /from	until	M.Part./Starter	ZM	Pag.
733	with 411 Deutz engine	01/1980	12/1980	DELCO REMY	805	087
743		01/1982	12/1988	DELCO REMY	805	087
753		-	-	DELCO REMY	805	087
825	with 4.108, 4-165 Perkins engine	01/1980	12/1980	DELCO REMY	805	087
833	with 4.108, 4-165 Perkins engine	01/1980	12/1980	DELCO REMY	805	087
843	with 4.108, 4-165 Perkins engine	01/1980	12/1980	DELCO REMY	805	087
Articulated Loaders	2400 with 4-236 Perkins diesel engine	01/1989	12/1990	DELCO REMY	805	087
	2410 with 4-236 Perkins diesel engine	01/1989	12/1992	DELCO REMY	805	087
Skid Steer Loaders	641 with F2L511 Deutz diesel engine	01/1989	12/1989	DELCO REMY	805	087
	741 with F2L511D Deutz diesel engine	01/1989	12/1989	DELCO REMY	805	087
	843B with 4JB1PK-01 Isuzu diesel engine	01/1990	12/1991	DELCO REMY	805	087
	843HC with 4JB1PK-01 Isuzu diesel engine	01/1989	12/1991	DELCO REMY	805	087
	853 with 4JB1PK-03 Isuzu diesel engine	01/1990	12/1993	DELCO REMY	805	087
	974 with 4-236 Perkins diesel engine	-	12/1985	DELCO REMY	450	078
	975 with 4-276 John Deere diesel engine	01/1989	12/1989	DELCO REMY	809	088
	980 with 4BT3.9L Cummins diesel engine	01/1989	12/1992	DELCO REMY	805	087
BUICK		de /from	until	M.Part./Starter	ZM	Pag.
Allure		01/2005	-	DELCO REMY	1-866	097
Century	2.2 L (134) L4	01/1994	12/1994	DELCO REMY	861	095
		01/1994	12/1994	DELCO REMY	4-861	095
	3.1 L (189) V6	01/1994	12/1994	DELCO REMY	861	095
		01/1994	12/1994	DELCO REMY	4-861	095
Electra	5.7 L (350) V8 diesel	01/1984	12/1985	HITACHI	686	117
Enclave	3.6L V6	01/2008	-	MITSUBISHI	5-995	169
Heavy-Duty Trucks C70	with 3208 Caterpillar diesel engine	01/1986	12/1989	DELCO REMY	457	081
		01/1986	12/1989	DELCO REMY	357	068
	with 8.2L DD engine	01/1983	12/1985	DELCO REMY	451	078
		01/1983	12/1985	DELCO REMY	351	065
Lacrosse	2.4L	01/2005	-	DELCO REMY	1-866	097
	3.0L V6	01/2010	-	MITSUBISHI	5-995	169
	3.6L V6	01/2010	12/2011	MITSUBISHI	5-995	169
Lesabre	5.7 L (350) V8 diesel	01/1984	12/1985	HITACHI	686	117
Lucerne	3.9L	01/2009	-	DELCO REMY	1-866	097
Park Avenue	3.8 L (231) V6	01/1991	12/1993	DELCO REMY	1-862	096
Rainier		01/2009	-	DELCO REMY	1-866	097
Regal	3.1 L (189) V6	01/1991	12/1994	DELCO REMY	861	095
		01/1991	12/1994	DELCO REMY	4-861	095
	3.1L V6	01/1991	12/1992	DELCO REMY	862	095
	4.3 L (260) V6 diesel	01/1984	-	HITACHI	686	117
	5.7 L (350) V8 diesel	01/1985	-	HITACHI	686	117
		01/2011	-	DELCO REMY	1-866	097
Skilark	3.1 L (189) V6	01/1994	12/1994	DELCO REMY	861	095
		01/1994	12/1994	DELCO REMY	4-861	095
Terraza	3.9L V6	01/2006	-	DELCO REMY	1-866	097
Verano	2.4L	01/2012	-	DELCO REMY	1-866	097
BUKH MARINE		de /from	until	M.Part./Starter	ZM	Pag.
DV	10	01/1975	-	BOSCH	2-629	026
	20	01/1975	-	BOSCH	2-629	026
	36	-	-	BOSCH	2-629	026
	48	-	-	BOSCH	2-629	026
CADILLAC		de /from	until	M.Part./Starter	ZM	Pag.
Allante	4.6 L	01/1993	-	DELCO REMY	4-861	095
CTS		01/2004	-	DELCO REMY	1-866	097
Concours	4.6 L (281) V8	01/1995	12/1998	DELCO REMY	860	093
Deville	4.6 L	01/1994	12/2005	DELCO REMY	4-861	095
	4.6 L (281) V8	01/1996	12/1999	DELCO REMY	860	093
	5.7 L (350) V8 diesel	01/1984	-	HITACHI	686	117
Eldorado	4.6 L	01/1993	12/2002	DELCO REMY	4-861	095

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CADILLAC		de /from	until	M.Part./Starter	ZM	Pag.
Eldorado	4.6 L (281) V8	01/1995	12/1999	DELCO REMY	860	093
Escalade	5.7 L (350) V8	01/1999	-	DELCO REMY	8-860	094
		01/1999	12/1999	DELCO REMY	860	093
		01/2009	-	DELCO REMY	1-866	097
Fleetwood	5.7 L (350) V8	01/1996	-	DELCO REMY	860	093
	5.7 L (350) V8 diesel	01/1984	12/1985	HITACHI	686	117
	Brougham (RWD) 5.7 L	01/1993	12/1995	DELCO REMY	4-861	095
SRX	3.0L V6	01/2010	12/2011	MITSUBISHI	5-995	169
	4.6 L	01/2004	12/2005	DELCO REMY	4-861	095
STS	3.6L V6	01/2007	-	MITSUBISHI	5-995	169
	4.6 L	01/2005	-	DELCO REMY	4-861	095
Seville	4.6 L	01/1993	12/2004	DELCO REMY	4-861	095
	4.6 L (281) V8	01/1995	12/1999	DELCO REMY	860	093
XLR	4.6 L	01/2004	12/2005	DELCO REMY	4-861	095
CARRARO		de /from	until	M.Part./Starter	ZM	Pag.
Tractor		-	-	BOSCH	733	040
CASE		de /from	until	M.Part./Starter	ZM	Pag.
100 B		10/1972	12/1979	BOSCH	633	028
1000 D		-	-	DELCO REMY	460	082
1200		-	-	DELCO REMY	460	082
120D		-	-	DELCO REMY	1-950	098
1246		04/1973	12/1985	BOSCH	633	028
125 B		10/1972	12/1979	BOSCH	633	028
125 B 2		06/1973	12/1986	BOSCH	633	028
1250		-	-	DELCO REMY	460	082
180		-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
221		10/1972	12/1979	BOSCH	633	028
2400 GD		01/1973	12/1986	BOSCH	633	028
321		11/1972	12/1985	BOSCH	633	028
35 D		-	-	DELCO REMY	460	082
350 C		-	-	DELCO REMY	460	082
3500 GD		01/1973	12/1986	BOSCH	633	028
3654		03/1971	05/1982	BOSCH	633	028
3800		01/1973	12/1986	BOSCH	633	028
3964		03/1971	05/1982	BOSCH	633	028
3965		03/1971	05/1982	BOSCH	633	028
3980		03/1971	05/1982	BOSCH	633	028
430	Skid Steer com motor Cummins 3.9 litros	-	-	DELCO REMY	818	090
	Skid Steer with 3.9 liters Cummins engine	-	-	DELCO REMY	818	090
431		11/1972	12/1985	BOSCH	633	028
454		01/1973	12/1985	BOSCH	633	028
460	Skid Steer com motor Cummins 3.9 litros	-	-	DELCO REMY	818	090
	Skid Steer with 3.9 liters Cummins engine	-	-	DELCO REMY	818	090
475		-	-	DELCO REMY	460	082
531		11/1972	12/1985	BOSCH	633	028
544HS		01/1973	12/1985	BOSCH	633	028
553		11/1972	12/1985	BOSCH	633	028
554		11/1972	12/1985	BOSCH	633	028
580	H com motor 4B	04/1994	-	BOSCH	537	016
	SH 4x2 com motor 4B	05/1996	-	BOSCH	537	016
	SH 4x4 com motor 4B	09/1995	-	BOSCH	537	016
600	Skid King	-	-	DELCO REMY	460	082
		-	-	DELCO REMY	460	082
644		01/1986	12/1990	BOSCH	633	028

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CASE		de /from	until	M.Part./Starter	ZM	Pag.
680	G	-	-	DELCO REMY	460	082
		-	-	DELCO REMY	460	082
724		11/1972	12/1985	BOSCH	633	028
743		02/1974	12/1985	BOSCH	633	028
744		02/1974	12/1985	BOSCH	633	028
745		02/1974	12/1985	BOSCH	633	028
750		-	-	DELCO REMY	460	082
780		-	-	DELCO REMY	460	082
780B		-	-	DELCO REMY	460	082
80	CR com motor D 229-6	11/1983	-	BOSCH	531	014
		11/1983	-	BOSCH	531	015
		11/1983	-	BOSCH	631	027
	P com motor D 229-6	11/1983	-	BOSCH	531	014
		11/1983	-	BOSCH	531	015
		11/1983	-	BOSCH	631	027
800		-	-	DELCO REMY	460	082
800 Skid King		-	-	DELCO REMY	460	082
824		04/1973	12/1985	BOSCH	633	028
825	Skid King	-	-	DELCO REMY	460	082
844		01/1986	12/1990	BOSCH	633	028
85 series		01/1996	-	BOSCH	633	028
850		-	-	DELCO REMY	460	082
880		-	-	DELCO REMY	460	082
880 C		-	-	DELCO REMY	460	082
888	BCKE com motor 6BT	06/1995	-	BOSCH	536	016
		06/1995	-	BOSCH	636	028
		06/1995	-	BOSCH	9-636	028
	CKE com motor 6BT	03/1994	-	BOSCH	536	016
		03/1994	-	BOSCH	636	028
		03/1994	-	BOSCH	9-636	028
895		01/1996	-	BOSCH	633	028
9150	Cummins 6-1150 Dsl	-	-	DELCO REMY	2-950	098
9190	Cummins 6-1150 Dsl	-	-	DELCO REMY	2-950	098
988	com motor 6T	11/1996	-	BOSCH	538	016
CS 110		-	-	ISKRA	826	129
CS 120		-	-	ISKRA	826	129
CS 130		-	-	ISKRA	826	129
CS 150		-	-	ISKRA	826	129
CS 78		-	-	ISKRA	826	129
CS 80 PRO		-	-	ISKRA	826	129
CS 85 PRO		-	-	ISKRA	826	129
CS 95 PRO		-	-	ISKRA	826	129
CVX 1135		-	-	ISKRA	826	129
CVX 1145		-	-	ISKRA	826	129
CVX 1155		-	-	ISKRA	826	129
CVX 1170		-	-	ISKRA	826	129
CVX 1190		-	-	ISKRA	826	129
CVX 1195		-	-	ISKRA	826	129
CVX 120		-	-	ISKRA	826	129
CVX 140		-	-	ISKRA	826	129
CVX 150		-	-	ISKRA	826	129
CVX 160		-	-	ISKRA	826	129
CVX 170		-	-	ISKRA	826	129
CVX 175		-	-	ISKRA	826	129
CVX 190		-	-	ISKRA	826	129
CVX 195		-	-	ISKRA	826	129
Colheitadeira de	A7000 com motor Cummins.	-	-	DELCO REMY	4-408	073

TABELA DE APLICAÇÃO
APPLICATION CHART

CASE		de /from	until	M.Part./Starter	ZM	Pag.
Colheitadeira de Cana	A7000 com motor Cummins.	-	-	DELCO REMY	5-408	073
	A7000 with Cummins engine.	-	-	DELCO REMY	4-408	073
		-	-	DELCO REMY	5-408	073
	A7700 com motor Cummins.	-	-	DELCO REMY	4-408	073
		-	-	DELCO REMY	5-408	073
	A7700 with Cummins engine.	-	-	DELCO REMY	4-408	073
		-	-	DELCO REMY	5-408	073
Colheitadeira de Grãos	Express 200, MWM D229-3	03/2012	-	DELCO REMY	3-818	091
Combines	1620 w/ Reverse Feeder Motor	01/1985	12/1994	BOSCH	4-639	030
	1640 w/ Reverse Feeder Motor	01/1985	12/1992	BOSCH	4-639	030
	1644 w/ Reverse Feeder Motor	01/1993	12/1995	BOSCH	4-639	030
	1660 w/ Reverse Feeder Motor	01/1985	12/1992	BOSCH	4-639	030
	1666 w/ Reverse Feeder Motor	01/1993	12/1997	BOSCH	4-639	030
	1680 w/ Reverse Feeder Motor	01/1985	12/1992	BOSCH	4-639	030
	1682 w/ Reverse Feeder Motor	01/1985	12/1992	BOSCH	4-639	030
	1688 w/ Reverse Feeder Motor	01/1992	12/1995	BOSCH	4-639	030
	2144 w/ Reverse Feeder Motor	01/1994	12/1997	BOSCH	4-639	030
	2166 w/ Reverse Feeder Motor	01/1994	12/1997	BOSCH	4-639	030
	2188 w/ Reverse Feeder Motor	01/1994	12/1997	BOSCH	4-639	030
	2344 w/ Reverse Feeder Motor	01/1997	12/1998	BOSCH	4-639	030
	2366 w/ Reverse Feeder Motor	01/1997	12/1998	BOSCH	4-639	030
	2388 w/ Reverse Feeder Motor	01/1997	12/1998	BOSCH	4-639	030
Cotton Pickers	with 1822 Cummins engine	01/1983	12/1984	DELCO REMY	2-352	066
		01/1983	12/1984	DELCO REMY	2-452	079
Crawlers	120C DD	-	-	DELCO REMY	2-950	098
		-	-	DELCO REMY	1-551	085
Empilhadeira		-	-	MITSUBISHI	898	163
Excavator	120D DD	-	-	DELCO REMY	2-950	098
Excavator 40D DD 4-71		-	12/1986	DELCO REMY	462	083
Excavator 980 DD 4-71		-	12/1986	DELCO REMY	462	083
Farm	1394 - 4-219 D	-	-	ISKRA	1-825	129
	1494 - 4-219 D	-	-	ISKRA	1-825	129
	1494 2WD	-	-	ISKRA	1-825	129
	1594 2WD	-	-	ISKRA	1-825	129
	1690	-	-	ISKRA	1-825	129
	1694	-	-	ISKRA	1-825	129
	2094	-	-	ISKRA	1-825	129
	2294	-	-	ISKRA	1-825	129
	2394	-	-	ISKRA	1-825	129
Grader	865	-	-	DELCO REMY	4-408	073
		-	-	DELCO REMY	5-408	073
	865.2	-	-	DELCO REMY	4-408	073
		-	-	DELCO REMY	5-408	073
	885	-	-	DELCO REMY	4-408	073
		-	-	DELCO REMY	5-408	073
	885.2	-	-	DELCO REMY	4-408	073
		-	-	DELCO REMY	5-408	073
Grader 845	com motor Cummins B 4 cilindros	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
	com motor Cummins B 6 cilindros	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
	with 4 cylinders Cummins B engine	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	with 6 cylinders Cummins B engine	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091

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CASE		de /from	until	M.Part./Starter	ZM	Pag.
Grader 845	with 6 cylinders Cummins B engine	-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
Grader 845.2	com motor Cummins B 4 cilindros	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
	com motor Cummins B 6 cilindros	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
	with 4 cylinders Cummins B engine	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	with 6 cylinders Cummins B engine	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
H 30 B		10/1971	06/1984	BOSCH	633	028
H 50 B		10/1971	06/1984	BOSCH	633	028
H 60 B		10/1971	06/1984	BOSCH	633	028
Lift		-	-	MITSUBISHI	898	163
MXM120		-	-	ISKRA	825	129
MXM130		-	-	ISKRA	825	129
MXM140		-	-	ISKRA	825	129
MXM155		-	-	ISKRA	825	129
MXM175		-	-	ISKRA	825	129
MXM190		-	-	ISKRA	825	129
Motoniveladora 845	com motor Cummins B 4 cilindros	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	com motor Cummins B 6 cilindros	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	with 4 cylinders Cummins B engine	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
	with 6 cylinders Cummins B engine	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
Motoniveladora 845.2	com motor Cummins B 4 cilindros	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	com motor Cummins B 6 cilindros	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	with 4 cylinders Cummins B engine	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
	with 6 cylinders Cummins B engine	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
Pá Carregadeira 521D	com motor Cummins B 4 cilindros	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	com motor Cummins B 6 cilindros	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	with 4 cylinders Cummins B engine	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
	with 6 cylinders Cummins B engine	-	-	DELCO REMY	1-818	090

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APPLICATION CHART

CASE		de /from	until	M.Part./Starter	ZM	Pag.
Pá Carregadeira 521D	with 6 cylinders Cummins B engine	-	-	DELCO REMY	1-818	091
Pá Carregadeira 621D	com motor Cummins B 4 cilindros	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
	com motor Cummins B 6 cilindros	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
	with 4 cylinders Cummins B engine	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
	with 6 cylinders Cummins B engine	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
Pá Carregadeira W20	com motor Cummins B 4 cilindros	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
	com motor Cummins B 6 cilindros	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
	with 4 cylinders Cummins B engine	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
	with 6 cylinders Cummins B engine	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
Retroescavadeira	580 L	-	-	DELCO REMY	808	088
	580 L SE	-	-	DELCO REMY	808	088
TD 7 E		06/1973	12/1986	BOSCH	633	028
TD 8B		10/1972	12/1979	BOSCH	633	028
Tractor	9250 Cummins 6-611 diesel	01/1990	12/1994	DELCO REMY	2-356	068
		01/1990	12/1994	DELCO REMY	2-456	081
	9260 Cummins 6-611 diesel	01/1990	12/1994	DELCO REMY	2-356	068
		01/1990	12/1994	DELCO REMY	2-456	081
	9270 Cummins 6-855 diesel	01/1990	12/1994	DELCO REMY	2-356	068
		01/1990	12/1994	DELCO REMY	2-456	081
	9280 Cummins 6-855 diesel	01/1990	12/1994	DELCO REMY	2-356	068
		01/1990	12/1994	DELCO REMY	2-456	081
	9350 Cummins 6-611 diesel	01/1996	12/1998	DELCO REMY	2-356	068
		01/1996	12/1998	DELCO REMY	2-456	081
	9370 Cummins 6-855 diesel	01/1996	12/1998	DELCO REMY	2-356	068
		01/1996	12/1998	DELCO REMY	2-456	081
	9370QT Cummins 6-855 diesel	01/1996	12/1998	DELCO REMY	2-356	068
		01/1996	12/1998	DELCO REMY	2-456	081
		-	-	DELCO REMY	1-551	085
		-	-	DELCO REMY	551	085
Tractor Farm	9150 with Caterpillar 3306	-	-	PRESTOLITE	486	177
Tractor Farm 265	Offset 3-78 Mitsubishi diesel	01/1987	12/1990	MITSUBISHI	893	160
Tractor Farm 275	3-91 Mitsubishi diesel	01/1986	12/1990	MITSUBISHI	893	160
Tractor Farm 5288	with DT-436B diesel engine	01/1981	12/1986	DELCO REMY	450	078
Tractor Farm 5488	with DT-436B diesel engine	01/1981	12/1986	DELCO REMY	454	080
		01/1981	12/1986	DELCO REMY	354	067
Tractor Farm 7288		01/1985	12/1986	DELCO REMY	450	078
Trator Escavo-Carregador 580H		-	-	WAPSA	501	201
		-	-	WAPSA	506	202
Trator Escavo-Carregador W-7	com motor Perkins 6 cilindros	-	-	WAPSA	501	201
		-	-	WAPSA	506	202
Trator Magnum	MX220 com motor Cummins 8.3 litros	-	-	DELCO REMY	1-407	071
		-	-	DELCO REMY	407	071
	MX220 with 8.3 liters Cummins engine	-	-	DELCO REMY	1-407	071
		-	-	DELCO REMY	407	071
	MX240 com motor Cummins 8.3 litros	-	-	DELCO REMY	1-407	071
		-	-	DELCO REMY	407	071
	MX240 with 8.3 liters Cummins engine	-	-	DELCO REMY	1-407	071
		-	-	DELCO REMY	407	071
	MX270 com motor Cummins 8.3 litros	-	-	DELCO REMY	1-407	071
		-	-	DELCO REMY	407	071

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Trator Magnum	MX270 with 8.3 liters Cummins engine	-	-	DELCO REMY	1-407	071
		-	-	DELCO REMY	407	071
Trator Retro-Escavadeira 580CK	com motor Perkins 4 cilindros	-	-	WAPSA	501	201
Trator Retro-Escavadeira 580E	com motor Perkins 4 cilindros	-	-	WAPSA	501	201
W 10		-	-	DELCO REMY	460	082
W 11		-	-	DELCO REMY	460	082
W 11B		-	-	DELCO REMY	460	082
W 11C		-	-	DELCO REMY	460	082
W 14H		-	-	DELCO REMY	460	082
W 18	com motor OM 352	06/1981	-	BOSCH	531	014
		06/1981	-	BOSCH	531	015
		06/1981	-	BOSCH	631	027
W 18D	com motor OM 366	03/1993	09/1994	BOSCH	536	016
		03/1993	09/1994	BOSCH	636	028
		03/1993	09/1994	BOSCH	9-636	028
W 18E	com motor OM 366	10/1994	-	BOSCH	536	016
		10/1994	-	BOSCH	636	028
		10/1994	-	BOSCH	9-636	028
W 19		-	-	DELCO REMY	460	082
W 20	com motor Cummins B 4 cilindros	-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	com motor Cummins B 6 cilindros	-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	com motor MBB OM 352	04/4975	09/1976	BOSCH	534	015
	com motor OM 352	04/1975	05/1981	BOSCH	531	014
		04/1975	05/1981	BOSCH	531	015
		04/1975	05/1981	BOSCH	631	027
	with 4 cylinders Cummins B engine	-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	with 6 cylinders Cummins B engine	-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
W 20B	com motor OM 352 A	06/1981	-	BOSCH	531	014
		06/1981	-	BOSCH	531	015
		06/1981	-	BOSCH	631	027
W 20D	com motor OM 366 A	03/1993	09/1994	BOSCH	536	016
		03/1993	09/1994	BOSCH	636	028
		03/1993	09/1994	BOSCH	9-636	028
W 20E	com motor 6BT	05/1996	-	BOSCH	531	014
		05/1996	-	BOSCH	531	015
		05/1996	-	BOSCH	631	027
	com motor OM 366 A	10/1994	-	BOSCH	536	016
		10/1994	-	BOSCH	636	028
		10/1994	-	BOSCH	9-636	028
W 36	B Turbo com motor 6 CT	01/1988	-	BOSCH	1-831	049
		01/1988	-	BOSCH	831	049
	with B 6 CT Turbo engine	01/1988	-	BOSCH	1-831	049
W 8		-	-	DELCO REMY	460	082
W 9		-	-	DELCO REMY	460	082
W 9B		-	-	DELCO REMY	460	082
Wheel Loader 521D	com motor Cummins B 4 cilindros	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
	com motor Cummins B 6 cilindros	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
	with 4 cylinders Cummins B engine	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	with 6 cylinders Cummins B engine	-	-	DELCO REMY	1-818	090

TABELA DE APLICAÇÃO
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CASE		de /from	until	M.Part./Starter	ZM	Pag.
Wheel Loader 521D	with 6 cylinders Cummins B engine	-	-	DELCO REMY	1-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
Wheel Loader 621D	com motor Cummins B 4 cilindros	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
	com motor Cummins B 6 cilindros	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
	with 4 cylinders Cummins B engine	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	with 6 cylinders Cummins B engine	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
Wheel Loader W20	com motor Cummins B 4 cilindros	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
	com motor Cummins B 6 cilindros	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
	with 4 cylinders Cummins B engine	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
	with 6 cylinders Cummins B engine	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
Woodland 45R DD 4-71	with diesel engine	-	12/1986	DELCO REMY	462	083
Woodland 50LC DD 4-71		-	12/1986	DELCO REMY	462	083

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1140 V8		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
1145 V8		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
1150 V8		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
1160 V8		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
1670	com motor Cummins	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
1673	com motor Cummins	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
1674		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
1676		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081

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CATERPILLAR		de /from	until	M.Part./Starter	ZM	Pag.
16G	com motor Cummins	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
245	com motor Cummins	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
		-	-	DELCO REMY	2-950	098
3114		-	-	DELCO REMY	352	065
		-	-	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
3116		-	-	DELCO REMY	352	065
		-	-	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
3126		-	-	DELCO REMY	840	092
3176		-	-	DELCO REMY	352	065
		-	-	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
3208		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
		01/1985	12/1995	DELCO REMY	457	081
		01/1985	12/1995	DELCO REMY	357	068
320B		01/1996	-	MITSUBISHI	1-897	161
3304		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
		-	-	DELCO REMY	460	082
3306		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
		-	-	DELCO REMY	460	082
3406	com motor Cummins	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
		-	-	DELCO REMY	1-950	098
3408	com motor Cummins	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
		-	-	DELCO REMY	1-950	098
3412	Marine Engines and Generators	-	-	DELCO REMY	2-362	070
	com motor Cummins	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081

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CATERPILLAR		de /from	until	M.Part./Starter	ZM	Pag.
3508	com motor Cummins	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
3512	com motor Cummins	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
3516	com motor Cummins	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
621B	com motor Cummins	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
621E	com motor Cummins	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
623B	com motor Cummins	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
623E	com motor Cummins	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
768	B D-343 Diesel	01/1971	-	DELCO REMY	2-950	098
776	com motor Cummins	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
776B	com motor Cummins	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
777	com motor Cummins	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
777B	com motor Cummins	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
824	com motor Cummins	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
824C	com motor Cummins	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
		-	-	DELCO REMY	2-950	098
825C	com motor Cummins	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
826C	com motor Cummins	-	-	DELCO REMY	2-461	083

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CATERPILLAR		de /from	until	M.Part./Starter	ZM	Pag.
826C	com motor Cummins	-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
834	B	01/1975	-	DELCO REMY	2-950	098
910	com motor Cummins	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
916	com motor Cummins	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
926	com motor Cummins	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
926E	com motor Cummins	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
980C	com motor Cummins	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
980F	com motor Cummins	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
983B	com motor Cummins	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
988	B with 3408 engine	-	-	DELCO REMY	2-950	098
	G with 3408 engine	-	-	DELCO REMY	2-950	098
992	D with 3408 engine	-	-	DELCO REMY	2-950	098
AH 40		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
AH 46		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
AH 52		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
AH 60		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
AM 36		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
AM 40		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
C15		-	-	DELCO REMY	841	092
C7		-	-	DELCO REMY	840	092
CT660	with CT15 15,2L Caterpillar diesel engine	01/2011	12/2012	MITSUBISHI	2-842	158
CT680	with CT15 15,2L Caterpillar diesel engine	01/2012	12/2016	MITSUBISHI	2-842	158
CT681	with CT15 15,2L Caterpillar diesel engine	01/2012	12/2016	MITSUBISHI	2-842	158
Carregadeira 938F		-	-	DELCO REMY	1-362	069

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CATERPILLAR		de /from	until	M.Part./Starter	ZM	Pag.
Carregadeira 938F		-	-	DELCO REMY	468	085
Colheitadeira MT 875		-	-	DELCO REMY	365	070
Compactor 825C	with 3406 Caterpillar diesel engine	-	12/1985	DELCO REMY	462	083
Compactor 826C	with 3406 Caterpillar diesel engine	-	12/1985	DELCO REMY	462	083
D 320		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
D8N	com motor Cummins	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
Engines	3114 / 3116	01/1991	12/1992	DELCO REMY	2-360	068
		01/1991	12/1992	DELCO REMY	2-460	082
	3176	01/1985	12/1992	DELCO REMY	2-360	068
		01/1985	12/1992	DELCO REMY	2-460	082
Escavadeira 320		01/1985	-	MITSUBISHI	1-897	161
		-	-	MITSUBISHI	898	163
Excavator 245	with 3406 Caterpillar diesel engine	01/1986	12/1988	DELCO REMY	462	083
Excavator 320	with 3116 Caterpillar diesel engine	01/1991	12/1997	DELCO REMY	2-360	068
		01/1991	12/1997	DELCO REMY	2-460	082
		01/1991	12/1998	DELCO REMY	460	082
		01/1985	-	MITSUBISHI	1-897	161
		01/1994	12/1998	MITSUBISHI	898	163
Excavator 322 L	with 3116 Caterpillar diesel engine	01/1993	12/1996	DELCO REMY	1-362	069
		01/1993	12/1995	DELCO REMY	2-360	068
		01/1993	12/1995	DELCO REMY	2-460	082
		01/1993	12/1996	DELCO REMY	460	082
		01/1993	12/1996	DELCO REMY	468	085
Excavator 325 L	with 3116 Caterpillar diesel engine	01/1991	12/1994	DELCO REMY	2-360	068
		01/1991	12/1994	DELCO REMY	2-460	082
		01/1991	12/1995	DELCO REMY	460	082
Excavator 325 LN	with 3116 Caterpillar diesel engine	01/1996	12/1997	DELCO REMY	2-360	068
		01/1996	12/1997	DELCO REMY	2-460	082
		01/1996	12/1998	DELCO REMY	460	082
Excavator EL240B	with 3116 Caterpillar diesel engine	01/1989	12/1991	DELCO REMY	2-360	068
		01/1989	12/1991	DELCO REMY	2-460	082
		01/1989	12/1992	DELCO REMY	460	082
Grader 16G	with 3406 Caterpillar diesel engine	-	12/1985	DELCO REMY	462	083
IT 14B	com motor Cummins	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
Lift Trucks		-	-	MITSUBISHI	5-897	162
Lift Trucks AH40	with 3208 Caterpillar diesel engine	01/1986	12/1990	DELCO REMY	457	081
		01/1986	12/1990	DELCO REMY	357	068
Lift Trucks AH46	with 3208 Caterpillar diesel engine	01/1986	12/1990	DELCO REMY	457	081
		01/1986	12/1990	DELCO REMY	357	068
Lift Trucks AH52	with 3208 Caterpillar diesel engine	01/1986	12/1990	DELCO REMY	457	081
		01/1986	12/1990	DELCO REMY	357	068
Lift Trucks AH60	with 3208 Caterpillar diesel engine	01/1986	12/1990	DELCO REMY	457	081
		01/1986	12/1990	DELCO REMY	357	068
Lift Trucks AM36	with 3208 Caterpillar diesel engine	01/1986	12/1990	DELCO REMY	457	081
		01/1986	12/1990	DELCO REMY	357	068
Lift Trucks AM40	with 3208 Caterpillar diesel engine	01/1986	12/1990	DELCO REMY	457	081
		01/1986	12/1990	DELCO REMY	357	068
Pá carregadeira		-	-	DELCO REMY	1-950	098
Scraper 621B	with 3406 Caterpillar diesel engine	-	12/1985	DELCO REMY	462	083
Scraper 623B	with 3406 Caterpillar diesel engine	-	12/1985	DELCO REMY	462	083
Tool Carrier IT12B	with 3114 Caterpillar diesel engine	01/1989	12/1992	DELCO REMY	2-360	068

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CATERPILLAR		de /from	until	M.Part./Starter	ZM	Pag.
Tool Carrier IT12B	with 3114 Caterpillar diesel engine	01/1989	12/1992	DELCO REMY	2-460	082
		01/1989	12/1993	DELCO REMY	460	082
Track Loader 931B	with 3204 Caterpillar diesel engine	01/1979	12/1988	DELCO REMY	454	080
		01/1979	12/1988	DELCO REMY	354	067
Track Loader 931C	with 3046 Caterpillar diesel engine	01/1990	12/1994	DELCO REMY	454	080
		01/1990	12/1994	DELCO REMY	354	067
Track Loader 935B	with 3204 Caterpillar diesel engine	01/1987	12/1988	DELCO REMY	454	080
		01/1987	12/1988	DELCO REMY	354	067
Track Loader 935C	with 3046 Caterpillar diesel engine	01/1987	12/1994	DELCO REMY	454	080
		01/1987	12/1994	DELCO REMY	354	067
Tractor Challenger 65		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
Tractor Challenger 70		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
Tractor Farm	65 (Challenger) with Caterpillar 3306 engine	-	-	PRESTOLITE	486	177
	70 (Challenger) with Caterpillar 3306 engine	-	-	PRESTOLITE	486	177
Tractor Farm D3B-SA	with 3204 Caterpillar diesel engine	01/1985	12/1987	DELCO REMY	450	078
Trator		-	-	DELCO REMY	1-950	098
V 160		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
V 160B		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
V 180		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
V 180B		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
V 200		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
V 200B		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
V 225		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
V 250		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
V 250B		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
V 300		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
V 300B		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
V 330B		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081

CBT		de /from	until	M.Part./Starter	ZM	Pag.
1065	com motor OM 314	10/1976	12/1978	BOSCH	531	014

TABELA DE APLICAÇÃO
APPLICATION CHART

CBT		de /from	until	M.Part./Starter	ZM	Pag.
1065	com motor OM 314	10/1976	12/1978	BOSCH	531	015
		10/1976	12/1978	BOSCH	631	027
1105	com motor MBB OM 352	-	09/1976	BOSCH	534	015
	com motor OM 352	12/1974	12/1978	BOSCH	531	014
		12/1974	12/1978	BOSCH	531	015
		12/1974	12/1978	BOSCH	631	027
2080	com motor OM 314	01/1979	12/1983	BOSCH	531	014
		01/1979	12/1983	BOSCH	531	015
		01/1979	12/1983	BOSCH	631	027
2105	com motor OM 352	01/1979	03/1982	BOSCH	531	014
		01/1979	03/1982	BOSCH	531	015
		04/1982	-	BOSCH	537	016
		01/1979	03/1982	BOSCH	631	027
8060 4x4	com motor OM 352	01/1984	-	BOSCH	531	014
		01/1984	-	BOSCH	531	015
		01/1984	-	BOSCH	631	027
8240	com motor 4.248	01/1984	-	BOSCH	531	014
		01/1984	-	BOSCH	531	015
		01/1984	-	BOSCH	631	027
8260	4x4 com motor 6.354-4	01/1984	-	BOSCH	531	014
		01/1984	-	BOSCH	531	015
		01/1984	-	BOSCH	631	027
8440	com motor D 229-4 VT	01/1984	-	BOSCH	531	014
		01/1984	-	BOSCH	531	015
		01/1984	-	BOSCH	631	027
Trator	1000 com motor Perkins 4 cilindros	07/1985	03/1987	BOSCH	645	033
		-	-	WAPSA	501	201
	1090 com motor Perkins 6 cilindros	-	-	WAPSA	501	201
		-	-	WAPSA	506	202
	1100 com motor Perkins 6 cilindros	-	-	WAPSA	501	201
		-	-	WAPSA	506	202

CHRYSLER		de /from	until	M.Part./Starter	ZM	Pag.
200	3.6L V6	01/2011	-	DENSO	1-665	102
Acclaim		-	-	BOSCH	675	036
Cirrus	2.0 L	01/2000	12/2000	BOSCH	979	063
	2.5 L (152) V6	01/1995	12/1999	MITSUBISHI	4-992	165
		01/1995	12/1999	MITSUBISHI	992	165
Concorde	3.5 L (215) V6	01/1993	12/1996	MITSUBISHI	4-991	165
		01/1993	12/1996	MITSUBISHI	991	164
Daytona	2.2 L (135) L4	01/1987	-	BOSCH	577	023
		01/1984	12/1985	DENSO	701	102
	2.5 L (153) L4	01/1986	12/1987	BOSCH	577	023
E Class	2.2 L (135) L4	01/1983	12/1984	DENSO	701	102
Grand Caravan	3.0i LE com motor EFI	08/1990	12/1994	BOSCH	675	036
Intrepid	3.5 L (215) V6	01/1993	12/1996	MITSUBISHI	4-991	165
		01/1993	12/1996	MITSUBISHI	991	164
LHS	3.5 L (215) V6	01/1994	12/1996	MITSUBISHI	4-991	165
		01/1994	12/1996	MITSUBISHI	991	164
Laser	2.2 L (135) L4	01/1984	12/1985	DENSO	701	102
	2.5 L (153) L4	01/1986	-	BOSCH	577	023
Le Baron	2.2 L (135) L4	01/1987	12/1990	BOSCH	577	023
		01/1982	12/1985	DENSO	701	102
	2.5 L (153) L4	01/1986	12/1990	BOSCH	577	023
	3.0i V6	01/1990	12/1994	BOSCH	877	053
	Convertible 3.0i V6 with 6G72 engine	01/1990	12/1996	BOSCH	877	053
		-	-	BOSCH	675	036
Neon	2.0 L	01/2000	12/2006	BOSCH	1-979	064
		01/1998	12/1999	BOSCH	979	063
New Yorker	2.2 L (135) L4	01/1987	12/1988	BOSCH	577	023

TABELA DE APLICAÇÃO
APPLICATION CHART

CHRYSLER		de /from	until	M.Part./Starter	ZM	Pag.
New Yorker	2.2 L (135) L4	01/1983	12/1985	DENSO	701	102
	2.5 L (153) L4	01/1986	12/1987	BOSCH	577	023
	3.5 L (215) V6	01/1994	12/1995	MITSUBISHI	4-991	165
		01/1994	12/1995	MITSUBISHI	991	164
		-	-	BOSCH	675	036
PT Cruiser	2.0 L	01/2000	12/2006	BOSCH	1-979	064
Sandance		-	-	BOSCH	675	036
Saratoga	3.0 with 6G72 engine	08/1989	12/1995	BOSCH	877	053
Sebring	2.0L	01/1995	12/1999	BOSCH	477	011
		01/1998	12/1999	BOSCH	979	063
	2.5L V6	01/1996	12/1999	MITSUBISHI	4-992	165
		01/1996	12/1999	MITSUBISHI	992	165
Smart	Cabrio 0.6 with M 160 E6AL B05 engine	01/2001	01/2004	MARELLI	7-395	135
	City Coupe 0.6 with M 160 E6AL B03 engine	07/1998	01/2004	MARELLI	7-395	135
	City Coupe 0.6 with M 160 E6AL B04 engine	07/1998	01/2004	MARELLI	7-395	135
	City Coupe 0.6 with M 160 E6AL B05 engine	01/2001	01/2004	MARELLI	7-395	135
TC	2.5 L	01/1996	12/1999	MITSUBISHI	4-992	165
		01/1996	12/1999	MITSUBISHI	992	165
Town & Country	3.6L V6	01/2011	-	DENSO	1-665	102
Voyager	2.5 TD com motor VM HR 425	04/1992	12/2000	BOSCH	674	035
	I 3.3i AWD with EGA engine	08/1990	09/1995	BOSCH	3-473	008
	I 3.3i with EGA engine	08/1990	09/1995	BOSCH	3-473	008
	II 3.3i with R00 engine	01/1995	03/2001	BOSCH	3-473	008
	II 3.8i AWD with L00 engine	01/1995	03/2001	BOSCH	3-473	008
		-	-	BOSCH	675	036

CHRYSLER-DODGE		de /from	until	M.Part./Starter	ZM	Pag.
300	V6 3.6L	01/2011	-	DENSO	665	101
400	2.2 L (135) L4	01/1982	12/1983	DENSO	701	102
600	2.2 L (135) L4	01/1987	12/1988	BOSCH	577	023
		01/1983	12/1985	DENSO	701	102
	2.5 L (153) L4	01/1986	12/1988	BOSCH	577	023
Aries	2.2 L (135) L4	01/1987	12/1989	BOSCH	577	023
		01/1981	12/1985	DENSO	701	102
	2.5 L (153) L4	01/1986	12/1989	BOSCH	577	023
Avenger	2.0L	01/1995	12/1999	BOSCH	477	011
	3.6L V6	01/2011	-	DENSO	1-665	102
B series	Van 3.9 L	01/1991	12/1994	DENSO	1-421	100
	Van 5.2 L	01/1991	12/1994	DENSO	1-421	100
	Van 5.9 L	01/1991	12/1994	DENSO	1-421	100
Caminhão	D-1400	-	-	WAPSA	501	201
	D-400 com motor Perkins 4 cilindros	-	-	WAPSA	501	201
		-	-	WAPSA	506	202
	D-750	-	-	WAPSA	501	201
	D-950	-	-	WAPSA	501	201
	E-11 com motor a álcool	-	-	WAPSA	507	202
	E-13 com motor a álcool	-	-	WAPSA	507	202
	E-21 com motor a álcool	-	-	WAPSA	507	202
	TD 6x4 com motor MWM 6 cilindros	-	-	WAPSA	501	201
	diesel P-700 com motor Perkins 6 cilindros	-	-	BOSCH	643	032
		-	-	WAPSA	501	201
		-	-	WAPSA	506	202
Caravan	2.2 L (135) L4	01/1986	12/1987	BOSCH	577	023
		01/1983	12/1985	DENSO	701	102
	2.5 L (153) L4	01/1987	12/1991	BOSCH	577	023
Challenger	2.6 L (156) L4	01/1981	12/1983	MITSUBISHI	694	148
		01/2011	-	DENSO	665	101
Charger	1.6 L (97) L4	01/1983	12/1985	MITSUBISHI	1-797	157
	1.7 L (105) L4	01/1983	-	DENSO	664	101

TABELA DE APLICAÇÃO
APPLICATION CHART

CHRYSLER-DODGE		de /from	until	M.Part./Starter	ZM	Pag.
Charger	2.2 L (135) L4	01/1986	12/1987	BOSCH	577	023
		01/1984	12/1985	DENSO	701	102
	3.6L V6	01/2011	-	DENSO	665	101
		01/1978	12/1983	BOSCH	627	026
		01/1978	12/1983	BOSCH	727	038
Colt	2.0 L	01/1984	12/1986	MITSUBISHI	694	148
Conquest	2.6 L	01/1984	12/1986	MITSUBISHI	694	148
D series	Pick-up 3.9 L	01/1991	12/1992	DENSO	1-421	100
	Pick-up 5.2 L	01/1991	12/1992	DENSO	1-421	100
	Pick-up 5.9 L	01/1991	12/1992	DENSO	1-421	100
D50	Pick-up 2.0 L	01/1981	12/1982	MITSUBISHI	694	148
	Pick-up 2.6 L	01/1981	12/1982	MITSUBISHI	694	148
Dakota	2.5 L	01/1999	12/2002	MITSUBISHI	5-695	149
Daytona	2.2 L (135) L4	01/1984	12/1985	DENSO	701	102
		-	-	BOSCH	675	036
Dodge Dakota	2.5 D com motor Magnum 2.5 L I-4	10/1998	-	BOSCH	674	035
	3.9 L	01/1991	12/1994	DENSO	1-421	100
	5.2 L	01/1991	12/1994	DENSO	1-421	100
	Pick-up 2.5 L (153) L4	01/1996	12/1997	MITSUBISHI	1-695	148
Dodge Polara	Motor 1800	-	-	BOSCH	627	026
		-	-	WAPSA	501	201
		-	-	WAPSA	506	202
Durango		01/2011	-	DENSO	665	101
Dynasty		-	-	BOSCH	675	036
Grand Caravan	3.6L V6	01/2011	-	DENSO	1-665	102
Intrepid	3.5 L (215) V6	01/1993	12/1996	MITSUBISHI	4-991	165
		01/1993	12/1996	MITSUBISHI	991	164
Journey	3.6L V6	01/2011	-	DENSO	1-665	102
Lancer	2.2 L (135) L4	01/1985	12/1985	DENSO	701	102
Monaco	3.0 L 181) V6	01/1990	12/1992	MITSUBISHI	795	155
Neon	2.0 L	01/2000	12/2002	BOSCH	1-979	064
	2.0 L (122) L4	01/1996	12/1997	BOSCH	1-477	011
		01/1998	12/1999	BOSCH	979	063
Omni	1.6 L (97) L4	01/1983	12/1985	MITSUBISHI	1-797	157
	1.7 L (105) L4	01/1978	12/1983	DENSO	664	101
		01/1978	12/1983	BOSCH	627	026
		01/1978	12/1983	BOSCH	727	038
Plymouth		-	-	BOSCH	675	036
RAM	1500 V6 3.6L	-	-	DENSO	4-665	102
		01/2013	-	DENSO	665	101
	Charger 5.2 L	01/1991	12/1992	DENSO	1-421	100
	Charger 5.9 L	01/1991	12/1992	DENSO	1-421	100
	Pick-up 3.9 L	01/1994	12/1994	DENSO	1-421	100
	Pick-up 5.2 L	01/1994	12/1994	DENSO	1-421	100
	Pick-up 5.9 L	01/1994	12/1994	DENSO	1-421	100
	ProMaster 1500	01/2014	-	DENSO	1-665	102
RAM-50	Pick-up 2.0 L	01/1983	12/1984	MITSUBISHI	694	148
		01/1985	12/1986	MITSUBISHI	796	156
	Pick-up 2.3 L diesel	01/1983	-	MITSUBISHI	893	160
	Pick-up 2.6 L	01/1983	12/1984	MITSUBISHI	694	148
		01/1985	12/1986	MITSUBISHI	796	156
Shadow		-	-	BOSCH	675	036
Spirit		-	-	BOSCH	675	036
Stratus	2.0 L (122) L4	01/1996	12/1997	BOSCH	1-477	011
		01/1998	12/2000	BOSCH	979	063
	2.5 L (152) V6	01/1995	12/1999	MITSUBISHI	4-992	165
		01/1995	12/1999	MITSUBISHI	992	165
W series	Pick-up 3.9 L	01/1991	12/1992	DENSO	1-421	100

TABELA DE APLICAÇÃO
APPLICATION CHART

CHRYSLER-DODGE		de /from	until	M.Part./Starter	ZM	Pag.
W series	Pick-up 5.2 L	01/1991	12/1992	DENSO	1-421	100
	Pick-up 5.9 L	01/1991	12/1992	DENSO	1-421	100
CHRYSLER-PLYMOUTH		de /from	until	M.Part./Starter	ZM	Pag.
Acclaim	2.5 L (153) L4	01/1989	12/1991	BOSCH	577	023
Arrow	Pick-up 2.0 L	01/1981	12/1982	MITSUBISHI	694	148
	Pick-up 2.6 L	01/1981	12/1982	MITSUBISHI	694	148
Breeze	2.0 L (122) L4	01/1996	12/1997	BOSCH	1-477	011
		01/1998	12/2000	BOSCH	979	063
Caravelle	2.2 L (135) L4	01/1987	12/1988	BOSCH	577	023
		01/1983	12/1985	DENSO	701	102
	2.5 L (153) L4	01/1986	12/1988	BOSCH	577	023
Colt	2.0 L	01/1984	12/1986	MITSUBISHI	694	148
Conquest	2.6 L	01/1984	12/1986	MITSUBISHI	694	148
Horizon	1.6 L (97) L4	01/1983	12/1985	MITSUBISHI	1-797	157
	1.7 L (105) L4	01/1978	12/1983	DENSO	664	101
	2.2 L (135) L4	01/1987	12/1990	BOSCH	577	023
		01/1981	12/1985	DENSO	701	102
		01/1978	12/1983	BOSCH	627	026
		01/1978	12/1983	BOSCH	727	038
Neon	2.0 L	01/2000	12/2001	BOSCH	1-979	064
	2.0 L (122) L4	01/1996	12/1997	BOSCH	1-477	011
		01/1998	12/1999	BOSCH	979	063
Prowler	3.5 L (215) V6	01/1997	12/1998	MITSUBISHI	4-991	165
		01/1997	12/1998	MITSUBISHI	991	164
Reliant	2.2 L (135) L4	01/1987	12/1989	BOSCH	577	023
		01/1981	12/1984	DENSO	701	102
	2.5 L (153) L4	01/1986	12/1989	BOSCH	577	023
Sapporo	2.6 L	01/1981	12/1983	MITSUBISHI	694	148
Scamp	Truck 2.2 L (135) L4	01/1982	12/1985	DENSO	701	102
Sundance	2.2 L (135) L4	01/1987	12/1991	BOSCH	577	023
Turismo	1.6 L (97) L4	01/1983	12/1984	MITSUBISHI	1-797	157
	1.7 L (105) L4	01/1983	-	DENSO	664	101
	2.2 L (135) L4	01/1983	12/1985	DENSO	701	102
		01/1978	12/1983	BOSCH	627	026
		01/1978	12/1983	BOSCH	727	038
Voyager	2.2 L (135) L4	01/1984	12/1985	DENSO	701	102
CITROËN		de /from	until	M.Part./Starter	ZM	Pag.
2 CV	4 with A53 engine	03/1963	02/1970	VALEO	490	184
	4 with A79/1 engine	01/1970	12/1975	VALEO	490	184
	6 with A06/635 engine	02/1970	07/1990	VALEO	490	184
625E	1.8 L (1000)	01/1981	12/1994	PRESTOLITE	471	172
	2.0 L (1000)	01/1987	12/1994	PRESTOLITE	471	172
	2.0 L (1300)	01/1981	12/1987	PRESTOLITE	471	172
	2.0 L (1400)	01/1987	12/1994	PRESTOLITE	471	172
	2.0 L (1800)	01/1987	12/1994	PRESTOLITE	471	172
AX	1.0 with C1A-C3A engine	12/1986	04/1991	VALEO	491	185
	1.0i with CDY-CDZ engine	07/1992	-	VALEO	491	185
	1.1 with HAZ-H1A-H1B engine	12/1986	04/1991	VALEO	491	185
	1.1i with HDZ engine	10/1989	-	VALEO	491	185
	1.3 Sport with M 4A engine	04/1987	06/1988	VALEO	491	185
	1.3 Sport with TU24/K engine	04/1987	12/1988	VALEO	490	184
	1.4 GT with K2A-K2B engine	10/1987	-	VALEO	491	185
	1.4 GTi with TU3J2/K engine	06/1991	12/1992	VALEO	490	184
	1.4 GTi with TU3J2/Z engine	06/1991	12/1996	VALEO	490	184
	1.4 with K1F-K1G engine	06/1988	-	VALEO	491	185
	1.4 with KAY-K1B-K1A engine	12/1986	-	VALEO	491	185
	1.4i with KDX, Y, Z-K2D-KFZ-K6B engine	06/1990	-	VALEO	491	185
	1.5 D	08/1994	12/1992	VALEO	490	184

TABELA DE APLICAÇÃO
APPLICATION CHART

CITROËN		de /from	until	M.Part./Starter	ZM	Pag.
AX	10 E with TU9/TR engine	12/1986	12/1988	VALEO	490	184
	10 with TU9/K engine	07/1986	12/1998	VALEO	490	184
	11 Cat with TU1CP engine	09/1988	12/1989	VALEO	490	184
	11 ZA 4X4	06/1991	07/1992	MITSUBISHI	1-993	166
	11 with TU1/K engine	12/1986	04/1994	VALEO	490	184
	11 with TU1M/Z engine	09/1986	12/1997	VALEO	490	184
	14 4x4 with TU3.2/Z engine	08/1991	12/1996	VALEO	490	184
	14 4x4 withTU3M/Z engine	08/1991	12/1996	VALEO	490	184
	14 with TU3A/K engine	06/1988	12/1989	VALEO	490	184
	14 with TU3CP/Z engine	12/1986	12/1988	VALEO	490	184
	14 with TU3M/Z engine	04/1987	04/1997	VALEO	490	184
	14 with TU3S/K engine	01/1988	12/1992	VALEO	490	184
Acadiane	6 with M28/1 engine	08/1978	10/1988	VALEO	490	184
Ami	10 Super with G10 engine	03/1973	12/1977	VALEO	1-561	196
	8 (AM3) with M28 engine	07/1969	12/1977	VALEO	490	184
	Breack 10 Super with G10 engine	03/1973	12/1977	VALEO	1-561	196
	Breack 8 (AM3) with M28 engine	07/1969	12/1977	VALEO	490	184
Axel 11	with G11/631 engine	01/1984	03/1991	VALEO	1-561	196
BX	1.7 L Turbo com motor diesel	01/1988	12/1994	PRESTOLITE	485	175
	1.7 L com motor diesel	01/1985	12/1993	PRESTOLITE	485	175
	1.9 L I	01/1987	12/1993	PRESTOLITE	485	175
	1.9 L Turbo com motor diesel	01/1989	12/1994	PRESTOLITE	485	175
	1.9 L com motor diesel	01/1983	12/1993	PRESTOLITE	485	175
	11	10/1986	06/1992	VALEO	491	185
	11 with 150A engine	08/1983	10/1991	BOSCH	672	035
		08/1983	10/1991	VALEO	561	196
	14 E with 150A engine	04/1988	-	VALEO	491	185
	14 E with 150C engine	04/1988	-	VALEO	491	185
	14 E with 150F engine	04/1988	-	VALEO	491	185
	14 Leader	07/1983	05/1985	BOSCH	672	035
		07/1983	05/1985	VALEO	561	196
	14 i with 150A engine	08/1983	10/1991	BOSCH	672	035
		08/1983	10/1991	VALEO	561	196
	14 with 150A engine	08/1983	10/1991	BOSCH	672	035
		08/1983	10/1991	VALEO	561	196
	14 with K1H (TU3A) engine	01/1989	-	VALEO	491	185
	14 with K1H engine	05/1988	-	VALEO	491	185
	14 with KDY (TU3M)/ KDZ (TU3M/Z) engine	01/1989	02/1993	VALEO	491	185
	15	01/1987	01/1993	ISKRA	3-579	128
		01/1987	12/1992	PRESTOLITE	485	175
	16	01/1982	01/1993	ISKRA	3-579	128
		01/1982	12/1993	PRESTOLITE	485	175
	16 E with BDY (XU5M) engine	05/1989	02/1993	BOSCH	376	002
	16 E with BDZ (XU5M) engine	05/1989	02/1993	BOSCH	376	002
	17 D	07/1985	12/1992	MITSUBISHI	993	165
	18 TD com motor Citroën 1769CCM	01/1989	12/1993	PRESTOLITE	485	175
	19	10/1984	01/1993	ISKRA	3-579	128
		01/1984	12/1992	PRESTOLITE	485	175
	19 D	09/1983	12/1992	MITSUBISHI	993	165
		01/1984	12/1993	PRESTOLITE	485	175
	19 GT	10/1984	01/1993	ISKRA	3-579	128
		01/1984	12/1986	PRESTOLITE	485	175
	19 GTI	10/1984	01/1993	ISKRA	3-579	128
		01/1986	12/1992	PRESTOLITE	485	175
	19 GTI 16V	01/1987	12/1993	PRESTOLITE	485	175
	19 Sport	05/1985	01/1993	ISKRA	3-579	128
	19 TRS	07/1986	01/1993	ISKRA	3-579	128
	19i	05/1985	01/1993	ISKRA	3-579	128
	4x4 1.9 L I	01/1989	12/1993	PRESTOLITE	485	175

TABELA DE APLICAÇÃO
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CITROËN		de /from	until	M.Part./Starter	ZM	Pag.
BX	9 GTI 4x4	01/1989	12/1993	PRESTOLITE	485	175
	Break 16 with BDY (XU5M) engine	05/1989	12/1994	BOSCH	376	002
	Break 16 with BDZ (XU5M) engine	05/1989	12/1994	BOSCH	376	002
	Visa GTI	07/1984	01/1991	ISKRA	3-579	128
	with XU engine	-	-	VALEO	492	186
Berlingo	1.1i	07/1996	11/2002	VALEO	2-494	189
		12/2002	-	VALEO	3-494	190
	1.1i GPL	07/1996	11/2002	VALEO	2-494	189
		07/1996	11/2002	VALEO	3-494	190
	1.1i MF	07/1996	-	MITSUBISHI	1-993	166
	1.1i MFHDZ	07/1996	-	MITSUBISHI	1-993	166
	1.1i with HDZ (TU1M) HFX engine	07/1996	-	VALEO	491	185
	1.1i with HDZ (TU1M) engine	07/1996	-	VALEO	491	185
	1.4	07/1996	11/2002	VALEO	3-494	190
	1.4 GNV	04/2003	-	VALEO	3-494	190
	1.4 GPL	04/2003	-	VALEO	2-494	189
		04/2003	-	VALEO	3-494	190
	1.4i	12/2002	-	VALEO	2-494	189
		07/1996	12/2002	VALEO	3-494	190
	1.4i GNV	04/2003	-	VALEO	2-494	189
	1.4i GPL	07/1996	11/2002	VALEO	2-494	189
	1.4i MF	07/1996	-	MITSUBISHI	1-993	166
	1.4i MFHDZ	07/1996	-	MITSUBISHI	1-993	166
	1.4i com motor TU5JP4	-	-	BOSCH	377	002
	1.4i with KFX (TU3JP) engine	07/1996	-	VALEO	491	185
	1.4i with TU5JP4 engine	-	-	BOSCH	377	002
	1.6i 16V	12/2000	12/2002	VALEO	2-494	189
		11/2002	-	VALEO	3-494	190
	1.6i com motor TU5JP4	-	-	BOSCH	679	037
	1.8 D with XUD7 engine	09/1996	-	MITSUBISHI	993	165
	1.8i 4WD with LFX (XU7JB) engine	05/1997	-	BOSCH	376	002
	1.8i with LFX (XU7JB) engine	05/1997	-	BOSCH	376	002
	1.9 D 4WD	07/1998	-	VALEO	599	200
	1.9 D with DW8/L3 engine	07/1998	-	VALEO	599	200
	1.9 D with DW8B/L4 engine	07/1998	-	VALEO	599	200
	1.9 D with XUD9 engine	09/1996	-	MITSUBISHI	993	165
	1.9 L Diesel	-	-	DELCO REMY	8-860	094
	2.0 HDI 90 with DW10TD/L4 engine	12/1999	-	VALEO	599	200
	600 1.8 L com motor diesel	01/1996	-	PRESTOLITE	485	175
	600 1.9 L com motor diesel	01/1996	-	PRESTOLITE	485	175
	800 1.8 L com motor diesel	01/1996	-	PRESTOLITE	485	175
	800 1.9 L com motor diesel	01/1996	-	PRESTOLITE	485	175
	Box 1.8i with LFX (XU7JB) engine	08/1999	10/2002	BOSCH	376	002
	Box 1.9 D 4WD	07/1998	-	VALEO	599	200
	Box 1.9 D with DW8/L3 engine	04/1999	-	VALEO	599	200
	Box 1.9 D with DW8/W3 engine	04/1999	-	VALEO	599	200
	Box 2.0 HDI 90 4WD	11/2000	-	VALEO	599	200
	Box 2.0 HDI 90 with DW10TD/L4 engine	12/1999	-	VALEO	599	200
	Furgon 1.4i M	07/1996	-	MITSUBISHI	1-993	166
	Furgon 1.4i MBKFX	07/1996	-	MITSUBISHI	1-993	166
	Furgon 1.6 16V MF	10/2000	-	MITSUBISHI	1-993	166
	Furgon 1.6 16V MFNFU	10/2000	-	MITSUBISHI	1-993	166
	com motor XU7 4 cilindros 1.8	-	-	PRESTOLITE	485	175
	with 4 cylinders XU7 1.8 engine	-	-	PRESTOLITE	485	175
		01/2005	-	VALEO	3-497	194
		-	-	VALEO	497	194
		-	-	BOSCH	4-382	007
C-Crosser		-	-	BOSCH	4-382	007
		01/2008	-	MITSUBISHI	4-995	168

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CITROËN		de /from	until	M.Part./Starter	ZM	Pag.
C-Crosser		01/2008	-	MITSUBISHI	7-995	169
C1		01/2005	-	VALEO	3-497	194
		-	-	VALEO	497	194
C15	1.1i with HDZ (TU1M) engine	07/1988	12/1996	VALEO	491	185
	1.4 E with 150D (XY7) engine	05/1987	12/1996	VALEO	491	185
	1.4 E with K3A engine	07/1987	12/1996	VALEO	491	185
	1.4 with K1H (TU3A) engine	07/1987	12/1996	VALEO	491	185
	1.4i with KDY (TU3M), KDY(TU3FM) engine	05/1991	12/1996	VALEO	491	185
	1.8L com motor diesel	01/1985	-	PRESTOLITE	485	175
	1.9 D with DW8B/W4 engine	12/2000	-	VALEO	599	200
	E 1.0 with 108C, 109K engine	10/1984	07/1988	BOSCH	672	035
		10/1984	07/1988	VALEO	561	196
	E 1.1 with 108C, 109K engine	10/1984	07/1988	BOSCH	672	035
		10/1984	07/1988	VALEO	561	196
	E 1.4 with KAZ, 150D engine	07/1986	07/1987	BOSCH	672	035
		07/1986	07/1987	VALEO	561	196
	diesel	10/1984	-	MITSUBISHI	993	165
		-	-	BOSCH	4-382	007
C2	1.1 with JM engine	09/2003	-	MITSUBISHI	1-993	166
	1.4 with JM engine	09/2003	-	MITSUBISHI	1-993	166
	1.6 with JM engine	09/2003	-	MITSUBISHI	1-993	166
		01/2003	-	VALEO	3-497	194
		-	-	VALEO	497	194
C22	E with Peugeot engine	09/1981	-	ISKRA	3-579	128
C25	1.9 L com motor diesel	01/1987	12/1994	PRESTOLITE	485	175
	Box 2.0 E with 170A (XN1T) engine	09/1981	03/1994	VALEO	1-492	187
	Box 2.0 E with 170B (XN1T) engine	09/1981	03/1994	VALEO	1-492	187
	Box 2.0 with 170C (XN1T) engine	02/1991	03/1994	VALEO	1-492	187
	Bus 1.8 E with 169 (XM7T) engine	07/1987	02/1994	VALEO	1-492	187
	Bus 2.0 E with 170A (XN1T) engine	09/1981	02/1994	VALEO	1-492	187
	Bus 2.0 E with 170B (XN1T) engine	09/1981	02/1994	VALEO	1-492	187
	Bus 2.0 with 170C (XN1T) engine	09/1991	02/1994	VALEO	1-492	187
	Bus 2.5 D 4x4 with CRD97L (U25-661) engine	01/1987	02/1994	VALEO	1-592	198
	Bus 2.5 D Turbo 4x4 with CRD97LS (U25-673) engine	08/1987	02/1994	VALEO	1-592	198
	Bus 2.5 D Turbo with CRD97LS (U25-673) engine	08/1987	02/1994	VALEO	1-592	198
	Bus 2.5 D with CRD97L (U25-661) engine	10/1985	02/1994	VALEO	1-592	198
	D1000	07/1987	-	MITSUBISHI	993	165
	D1400	07/1987	-	MITSUBISHI	993	165
	D800	07/1987	-	MITSUBISHI	993	165
	E with Peugeot engine	09/1981	-	ISKRA	3-579	128
	Flatbed / Chassis 2.0 with 170C (XN1T) engine	02/1991	03/1994	VALEO	1-492	187
		-	-	VALEO	497	194
C3	1.1i with FC engine	02/2002	-	MITSUBISHI	1-993	166
	1.4 16V with FC engine	12/2003	-	MITSUBISHI	1-993	166
	1.4i Bivalent with FC engine	02/2002	-	MITSUBISHI	1-993	166
	1.6 16V	-	-	VALEO	2-494	189
	1.6 16V with FC engine	02/2002	-	MITSUBISHI	1-993	166
	1.6i com motor TU5JP4	-	-	BOSCH	679	037
		-	-	BOSCH	377	002
	1.6i with TU5JP4 engine	-	-	BOSCH	377	002
	Pluriel 1.4 with HB engine	05/2003	-	MITSUBISHI	1-993	166
	Pluriel 1.6 with HB engine	05/2003	-	MITSUBISHI	1-993	166
		01/2004	-	VALEO	3-497	194
		-	-	VALEO	497	194
C4	1.4 16V with LC engine	11/2004	-	MITSUBISHI	1-993	166
	1.6 16V with LC engine	11/2004	-	MITSUBISHI	1-993	166
	2.0	11/2004	-	MITSUBISHI	5-993	167
	Coupé 1.4 16V with LA engine	11/2004	-	MITSUBISHI	1-993	166
	Coupé 1.6 16V with LA engine	11/2004	-	MITSUBISHI	1-993	166

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CITROËN		de /from	until	M.Part./Starter	ZM	Pag.
C4	Gran Picasso 1.8 i 16V	10/2006	-	MITSUBISHI	5-993	167
	Gran Picasso 2.0i 16V	10/2006	-	MITSUBISHI	5-993	167
	Picasso 1.8i 16V	02/2007	-	MITSUBISHI	5-993	167
	Picasso 2.0i 16V	02/2007	-	MITSUBISHI	5-993	167
		01/2004	-	VALEO	3-497	194
		-	-	VALEO	497	194
		-	-	BOSCH	4-382	007
C5	1.8 16V	09/2004	-	MITSUBISHI	5-993	167
	2.0	03/2001	-	MITSUBISHI	993	165
	2.0 16V	03/2001	08/2004	MITSUBISHI	5-993	167
	2.0 HDI com motor Citroën 1997CCM 81KW	01/2001	-	PRESTOLITE	485	175
	2.0 HDI com motor Citroën 1998CCM 105KW	01/2001	-	PRESTOLITE	485	175
	2.0 com motor Citroën 1998CCM 102KW	01/2001	-	PRESTOLITE	485	175
	2.2 HDi	03/2001	-	MITSUBISHI	993	165
		01/2004	-	MARELLI	2-397	138
		-	-	VALEO	497	194
		-	-	BOSCH	4-382	007
C8	2.0	03/2001	-	MITSUBISHI	993	165
		07/2002	-	MITSUBISHI	5-993	167
	2.0 16V	09/2005	-	MITSUBISHI	5-993	167
	2.2	07/2002	-	MITSUBISHI	5-993	167
	2.2 HDi	03/2001	-	MITSUBISHI	993	165
	3.0i with XFW engine	10/2002	-	MITSUBISHI	993	165
		-	-	BOSCH	4-382	007
CX	I 2200 D with M22-621 engine	10/1975	02/1979	VALEO	1-592	198
	I 25 D Turbo with M25-648 engine	04/1983	08/1985	VALEO	1-592	198
	I 2500 D with M25-629 engine	02/1978	06/1982	VALEO	1-592	198
	I Break 2200 D Turbo with M25-648 engine	04/1983	08/1985	VALEO	1-592	198
	I Break 2200 D with M22-621 engine	08/1976	02/1979	VALEO	1-592	198
	I Break 2500 D with M25-629 engine	02/1978	08/1985	VALEO	1-592	198
	II 2.5 D Turbo with M25-648 engine	08/1985	12/1986	VALEO	1-592	198
	II 2.5 D Turbo with M25-669 engine	01/1987	12/1992	VALEO	1-592	198
	II 2.5 D with M25-660 engine	08/1985	12/1992	VALEO	1-592	198
	II Break 2.5 D Turbo 2 with M25-669 engine	01/1987	12/1992	VALEO	1-592	198
	II Break 2.5 D with M25-660 engine	05/1986	12/1992	VALEO	1-592	198
DS		-	-	BOSCH	4-382	007
Dyane	4 with A79/0 engine	08/1967	03/1968	VALEO	490	184
	4 with A79/1 engine	04/1968	12/1975	VALEO	490	184
	6 with M28 engine	05/1972	12/1980	VALEO	490	184
	6 with M28/1 engine	12/1968	10/1984	VALEO	490	184
Evasion	1.8 with LFZ (XU7JP) engine	05/1997	07/2002	BOSCH	376	002
	1.9 D	10/1994	-	MITSUBISHI	993	165
	2.0 16V	05/2000	07/2002	MITSUBISHI	5-993	167
	2.0 16V with RFV (XU10J4R) engine	05/1998	04/2000	BOSCH	376	002
	2.0 HDI	01/1999	-	MITSUBISHI	993	165
	2.0 Turbo C.T. with RGX (XU10J2TE) engine	06/1994	07/2002	BOSCH	376	002
	2.0 with RFU (XU10J2/C) engine	06/1994	07/2002	BOSCH	376	002
	2.0i	10/1994	-	MITSUBISHI	993	165
	2.0i 16V	10/1994	-	MITSUBISHI	993	165
	2.1 TD	04/1996	-	MITSUBISHI	993	165
		-	-	BOSCH	4-382	007
GS	1.0 with G10/612 engine	09/1970	09/1977	VALEO	1-561	196
	1.1 with G11/631 engine	09/1977	07/1981	VALEO	1-561	196
	1.2 with G12/611 engine	04/1973	06/1979	VALEO	1-561	196
	1.2 with G12/612 engine	04/1973	06/1979	VALEO	1-561	196
	A 1.3 with G13/625 engine	09/1979	07/1986	VALEO	1-561	196
	A 1.3 with G13/646 engine	09/1979	07/1986	VALEO	1-561	196
	Breack 1.0 with G10 engine	07/1971	09/1977	VALEO	1-561	196
	Break 1.1 with G11/631 engine	09/1977	06/1980	VALEO	1-561	196

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CITROËN		de /from	until	M.Part./Starter	ZM	Pag.
GS	Break A 1.2 with G12/611 engine	04/1976	06/1979	VALEO	1-561	196
	Break A 1.2 with G12/612 engine	04/1976	06/1979	VALEO	1-561	196
	Break A 1.3 with G13/625 engine	09/1979	07/1986	VALEO	1-561	196
	Break A 1.3 with G13/646 engine	09/1979	07/1986	VALEO	1-561	196
	Break A Special with G11/631 engine	07/1980	05/1982	VALEO	1-561	196
	X2 with G12/619 engine	09/1975	09/1979	VALEO	1-561	196
Jumper	1.9L D	02/1994	-	MITSUBISHI	993	165
	2.0L 4x4 Bus with RFW (XU10J2U) engine	08/1996	04/2002	BOSCH	376	002
	2.0L Box with RFW (XU10J2U) engine	03/1994	04/2002	BOSCH	376	002
	2.0L Box with XU10J2 engine	04/2002	-	BOSCH	376	002
	2.0L Bus with RFW (XU10J2U) engine	02/2004	04/2002	BOSCH	376	002
	2.0L Bus with XU10J2 engine	04/2002	-	BOSCH	376	002
	2.0L D	02/1994	-	MITSUBISHI	993	165
	2.0L Flatbat / Chassis with RFW (XU10J2U) engine	03/1994	04/2002	BOSCH	376	002
	2.0L bivalent Box	02/2003	-	BOSCH	376	002
	2.2 HDi Box	04/2006	-	BOSCH	3-381	004
	2.2 HDi Bus	04/2006	-	BOSCH	3-381	004
	2.2 HDi Flatbed	04/2006	-	BOSCH	3-381	004
	2.8 DT com motor Citroën	01/1999	12/2002	PRESTOLITE	484	174
	2.8 HDi Box	04/2002	-	BOSCH	2-381	004
	2.8 HDi Bus	04/2002	-	BOSCH	2-381	004
	2.8L D com motor Citroën	01/1999	12/2002	PRESTOLITE	484	174
		-	-	BOSCH	1-381	003
		-	-	BOSCH	4-382	007
Jumpy	1.9 D with DW8/L3 engine	04/1998	-	VALEO	599	200
	2.0	03/2000	12/2006	MITSUBISHI	5-993	167
	2.0 HDi with DW10BTED/W3 engine	10/1999	-	VALEO	599	200
	2.0 HDi with DW10CTED engine	03/2000	-	VALEO	599	200
	2.0 i	01/2007	-	MITSUBISHI	5-993	167
	2.0 i 16V	03/2000	-	MITSUBISHI	5-993	167
	Box 1.9 D with DW8/W3 engine	04/1998	-	VALEO	599	200
	Box 2.0 HDi with DW10ATED4 engine	01/2002	-	VALEO	599	200
	Box 2.0 HDi with DW10BTED/L4 engine	10/1999	-	VALEO	599	200
	Box 2.0 HDi with DW10BTED/W3 engine	10/1999	-	VALEO	599	200
	Flatbed / chassis 2.0 HDi	10/1999	-	VALEO	599	200
		01/2007	-	VALEO	3-497	194
		-	-	VALEO	497	194
		-	-	BOSCH	4-382	007
LNA	0.6 with 109/5E, 109/5F engine	07/1982	06/1986	BOSCH	672	035
		07/1982	02/1986	VALEO	561	196
	1.1 with 109/5E, 109/5F engine	07/1982	06/1986	BOSCH	672	035
		07/1982	02/1986	VALEO	561	196
		-	-	BOSCH	675	036
Mehari	0.6 with M28/1 engine	10/1979	10/1987	VALEO	490	184
	4x4 with A06/635 engine	10/1979	10/1987	VALEO	490	184
Nemo	1.4 HDi	01/2008	-	VALEO	3-497	194
		-	-	VALEO	497	194
Saxo	1.0 X with CDZ (TU9M) engine	05/1996	-	VALEO	491	185
	1.0 X with S0 engine	05/1998	06/2003	MITSUBISHI	1-993	166
		05/1996	11/1998	MITSUBISHI	1-993	166
	1.0 X with S1 engine	05/1998	06/2003	MITSUBISHI	1-993	166
		05/1996	11/1998	MITSUBISHI	1-993	166
	1.0 com motor TU9M	-	-	VALEO	3-494	190
	1.1 SX with HDZ (TU1M) engine	05/1996	-	VALEO	491	185
	1.1 SX with HDZ (TU1M)/ HFX engine	05/1996	-	VALEO	491	185
	1.1 SX with S0 engine	05/1996	09/2003	MITSUBISHI	1-993	166
	1.1 SX with S1 engine	05/1996	09/2003	MITSUBISHI	1-993	166
	1.1 X with HDZ (TU1M) engine	05/1996	-	VALEO	491	185
	1.1 X with HDZ (TU1M)/ HFX engine	05/1996	-	VALEO	491	185

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CITROËN		de /from	until	M.Part./Starter	ZM	Pag.
Saxo	1.4 VTS with KFW (TU3JP)/ KFX (TU3JP) engine	05/1996	-	VALEO	491	185
	1.4 VTS with S1 engine	05/1996	06/2003	MITSUBISHI	1-993	166
	1.4 VTS with SO engine	05/1996	06/2003	MITSUBISHI	1-993	166
	1.4 com motor TU3JP	-	-	VALEO	3-494	190
	1.5 D	06/1996	-	VALEO	490	184
	1.6 VTL with NFZ (TU5JP) engine	05/1996	-	VALEO	491	185
	1.6 VTR with NFZ (TU5JP) engine	05/1996	-	VALEO	491	185
	1.6 VTS with NFX (TU5JP4) engine	06/1996	-	VALEO	491	185
	1.6i 16 V com motor NFX	07/1996	-	BOSCH	679	037
		07/1996	-	BOSCH	377	002
	1.6i 16 V with NFX engine	07/1996	-	BOSCH	377	002
Visa	1.0	09/1982	10/1988	BOSCH	672	035
	1.1	09/1982	10/1988	VALEO	561	196
	1.4	09/1982	10/1988	BOSCH	672	035
		09/1982	10/1988	VALEO	561	196
	17 D	01/1984	03/1991	MITSUBISHI	993	165
		-	-	BOSCH	4-382	007
XM	2.0	05/1989	04/1994	BOSCH	376	002
	2.0 Turbo with RGX (XU10J2TE) engine	05/1994	10/2000	BOSCH	376	002
	2.0i 16V with RFV (XU10J4R) engine	05/1994	10/2000	BOSCH	376	002
	2.0i Turbo with RGY (XU10J2TE/Z) engine	09/1992	06/1994	BOSCH	376	002
	2.0i with RDZ (XU10MZ) engine	05/1989	06/1994	BOSCH	376	002
	2.0i with RFZ (XU10J2) engine	05/1989	06/1994	BOSCH	376	002
	2.1 D	09/1989	-	MITSUBISHI	993	165
	2.1 D 12V with P9A (XUD11A) engine	05/1989	06/1994	BOSCH	376	002
	2.1 TD	09/1989	-	MITSUBISHI	993	165
	2.1 TD 12V with P8A (XUD11ATE) engine	05/1989	06/1994	BOSCH	376	002
	2.1 TD 12V with PHZ (XUD11ATE) engine	05/1989	06/1994	BOSCH	376	002
	2.1 TD 12V with PJZ (XUD11ATE) engine	05/1989	06/1994	BOSCH	376	002
	Break 2.0 Turbo with RGX (XU10J2TE) engine	05/1994	10/2000	BOSCH	376	002
	Break 2.0 Turbo with RGY (XU10J2TE/Z) engine	09/1992	04/1994	BOSCH	376	002
	Break 2.0i 16V with RFV (XU10J4R) engine	05/1994	10/2000	BOSCH	376	002
	Break 2.0i with RDZ (XU10M2) engine	11/1991	04/1994	BOSCH	376	002
	Break 2.0i with RFZ (XU10J2) engine	11/1991	04/1994	BOSCH	376	002
	Break 2.0i with XU102C engine	11/1991	04/1994	BOSCH	376	002
	Break 2.1 D 12V with P9A (XUD11A) engine	11/1991	04/1994	BOSCH	376	002
	Break 2.1 TD 12V with P8A (XUD11ATE) engine	11/1991	04/1994	BOSCH	376	002
	Break 2.1 TD 12V with PHZ (XUD11ATE) engine	11/1991	04/1994	BOSCH	376	002
	Break 2.1 TD 12V with PJZ (XUD11ATE) engine	11/1991	04/1994	BOSCH	376	002
		-	-	BOSCH	4-382	007
Xantia	1.6 com motor XU5JP	-	-	VALEO	1-496	193
		-	-	VALEO	496	193
	1.6i with BFZ (XU5JP) engine	03/1993	01/1998	BOSCH	376	002
	1.8i 16V with LFY (XU7JP4) engine	06/1995	-	BOSCH	376	002
	1.8i com motor XU7JB/P/P4	-	-	VALEO	1-496	193
		-	-	VALEO	496	193
	1.8i with LFX (XU7JB) engine	04/1997	-	BOSCH	376	002
	1.8i with LFX (XU7JP) engine	03/1993	-	BOSCH	376	002
	1.9 D	06/1994	-	MITSUBISHI	993	165
	1.9 TD	06/1994	-	MITSUBISHI	993	165
	2.0i 16V com motor XU10J2C/J2CTEL3/J4R	01/1994	-	VALEO	1-496	193
		01/1994	-	VALEO	496	193
	2.0i 16V com motor XU10J4	01/1994	-	VALEO	1-497	194
		01/1994	-	VALEO	497	194
	2.0i 16V with RFV (XU10J4R) engine	06/1995	-	BOSCH	376	002
	2.0i Turbo with RGX (XU10J2TE) engine	06/1995	-	BOSCH	376	002
	2.0i with RFX (XU10J2C) engine	03/1993	-	BOSCH	376	002
	Break 1.8i 16V with LFY (XU7JP4) engine	06/1995	-	BOSCH	376	002
	Break 1.8i with LFX (XU7JB) engine	04/1997	-	BOSCH	376	002

TABELA DE APLICAÇÃO
APPLICATION CHART

CITROËN		de /from	until	M.Part./Starter	ZM	Pag.
Xantia	Break 1.8i with LFZ (XU7JP) engine	06/1995	01/1998	BOSCH	376	002
	Break 2.0 Turbo with RGX (XU10J2TE) engine	06/1995	-	BOSCH	376	002
	Break 2.0i 16V with RFV (XU10J4R) engine	06/1995	-	BOSCH	376	002
	Break 2.0i with RFX (XU10J2C) engine	06/1995	01/1998	BOSCH	376	002
		-	-	BOSCH	4-382	007
Xsara	1.4i Coupe com motor KFX	07/1997	08/2000	BOSCH	679	037
	1.4i Coupe with KFX engine	07/1997	08/2000	BOSCH	377	002
	1.4i Coupe with N0 engine	03/1998	03/2005	MITSUBISHI	1-993	166
	1.4i com motor KFX	07/1997	08/2000	BOSCH	679	037
	1.4i with KFX engine	07/1997	08/2000	BOSCH	377	002
	1.4i with N1 engine	04/1997	03/2005	MITSUBISHI	1-993	166
	1.5 D	06/1996	-	VALEO	490	184
	1.6 16V Coupe with N0 engine	09/2000	03/2005	MITSUBISHI	1-993	166
	1.6 16V with N1 engine	09/2000	03/2005	MITSUBISHI	1-993	166
	1.6i Coupe with N0 engine	02/1998	09/2000	MITSUBISHI	1-993	166
	1.6i com motor NFZ	07/1997	08/2000	BOSCH	679	037
		07/1997	08/2000	BOSCH	377	002
	1.6i with N1 engine	04/1997	09/2000	MITSUBISHI	1-993	166
	1.6i with NFZ (TU5JP) engine	04/1997	09/2000	VALEO	491	185
	1.8 D	10/1997	-	MITSUBISHI	993	165
	1.8 com motor XU7JB/P/P4	01/1998	-	VALEO	1-496	193
		01/1998	-	VALEO	496	193
	1.8i 16V Coupe with LFY (XU7JP4) engine	02/1998	09/2000	BOSCH	376	002
	1.8i 16V with LFY (XU7JP4) engine	04/1997	09/2000	BOSCH	376	002
	1.8i Aut. with LFZ (XU7JP) engine	04/1997	09/2000	BOSCH	376	002
	1.8i Coupe with LFX (XU7JB) engine	02/1998	09/2000	BOSCH	376	002
	1.8i Coupe with LFZ (XU7JP) engine	02/1998	09/2000	BOSCH	376	002
	1.8i with LFX (XU7JB) engine	04/1997	09/2000	BOSCH	376	002
	1.9 D	10/1997	-	MITSUBISHI	993	165
	1.9 D Coupe with DW8B/L4 engine	02/1999	-	VALEO	599	200
	1.9 D with DW8/L3 engine	07/1998	-	VALEO	599	200
	1.9 D with DW8B/L4 engine	07/1998	-	VALEO	599	200
	1.9 TD	10/1997	-	MITSUBISHI	993	165
	2.0 16V com motor XU10J4R/J4RS	01/1998	-	VALEO	1-496	193
		01/1998	-	VALEO	496	193
	2.0 16V with RFS (XU10J4RS) engine	04/1997	09/2000	BOSCH	376	002
	2.0 16V with RFV (XU10J4R) engine	07/1998	09/2000	BOSCH	376	002
	2.0 HDi	10/1997	-	MITSUBISHI	993	165
	2.0 HDi 109 Coupe with DW10ATED/L4 engine	05/2001	-	VALEO	599	200
	2.0 HDi 109 with DW10ATED/L4 engine	05/2001	-	VALEO	599	200
	2.0 HDi 90 Coupe with DW10TD/L4 engine	02/1999	-	VALEO	599	200
	2.0 HDi 90 with DW10TD/L3 engine	02/1999	-	VALEO	599	200
	2.0 HDi 90 with DW10TD/L4 engine	02/1999	-	VALEO	599	200
	2.0i 16V Coupe with RFS (XU10J4RS) engine	02/1998	-	BOSCH	376	002
	Break 1.4i com motor KFX	07/1997	08/2000	BOSCH	679	037
	Break 1.4i with KFX engine	07/1998	08/2000	BOSCH	377	002
	Break 1.4i with N2 engine	10/1997	08/2005	MITSUBISHI	1-993	166
	Break 1.6 16V with N2 engine	09/2000	08/2005	MITSUBISHI	1-993	166
	Break 1.6i com motor NFZ	07/1997	08/2000	BOSCH	679	037
		10/1997	08/2000	BOSCH	377	002
	Break 1.6i with KFZ engine	10/1997	08/2000	BOSCH	377	002
	Break 1.6i with N2 engine	10/1997	09/2000	MITSUBISHI	1-993	166
	Break 1.6i with NFZ (TU5JP) engine	10/1997	09/2000	VALEO	491	185
	Break 1.8i 16V with LFY (XU7JP4) engine	10/1997	09/2000	BOSCH	376	002
	Break 1.8i Aut. with LFZ (XU7JP) engine	10/1997	09/2000	BOSCH	376	002
	Break 1.8i with LFX (XU7JB) engine	10/1997	09/2000	BOSCH	376	002
	Break 1.9 D with DW8B/L4 engine	07/1998	-	VALEO	599	200
	Break 2.0 16V with RFV (XU10J4R) engine	07/1998	09/2000	BOSCH	376	002
	Break 2.0 HDi 109 with DW10ATED/L4 engine	05/2001	-	VALEO	599	200

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CITROËN		de /from	until	M.Part./Starter	ZM	Pag.
Xsara	Break 2.0 HDi 90 with DW10TD/L4 engine	02/1999	-	VALEO	599	200
	Picasso	-	-	VALEO	497	194
	Picasso 1.6 16V	-	-	VALEO	2-494	189
	Picasso 1.6 with N68 engine	06/2000	-	MITSUBISHI	1-993	166
	Picasso 2.0 16V	10/2000	-	BOSCH	3-973	059
		01/2003	-	MITSUBISHI	5-993	167
	Picasso 2.0 HDi with DW10TD/L4 engine	06/2000	-	VALEO	599	200
	Picasso 2.0 L	-	-	DELCO REMY	8-860	094
	Picasso 2.0 L Diesel	-	-	DELCO REMY	8-860	094
		01/2003	12/2005	VALEO	3-497	194
		-	-	VALEO	497	194
		-	-	BOSCH	4-382	007
		09/2000	03/2005	MITSUBISHI	5-993	167
ZX	1.0 com motor TU1	-	-	VALEO	3-494	190
	1.1	03/1991	-	VALEO	491	185
	1.1i	03/1991	-	VALEO	491	185
	1.4	03/1991	-	VALEO	491	185
	1.4 com motor TU3.2	-	-	VALEO	3-494	190
	1.4 com motor TU3JP	-	-	VALEO	3-494	190
	1.4 com motor TU3M	-	-	VALEO	3-494	190
	1.4i	03/1991	-	VALEO	491	185
	1.6 com motor XU5JP/XU5M/2	-	-	VALEO	1-497	194
		-	-	VALEO	497	194
	1.6i with BDY (XU5M) engine	03/1991	06/1997	BOSCH	376	002
	1.6i with BFZ (XU5JP) engine	03/1991	06/1997	BOSCH	376	002
	1.6i with BFZ,BDY,B4A engine	03/1991	-	VALEO	491	185
	1.8i 16V with LFY (XU7JP4) engine	01/1996	06/1997	BOSCH	376	002
	1.8i com motor XU7JP/P4	-	-	VALEO	1-496	193
		-	-	VALEO	1-497	194
		-	-	VALEO	496	193
		-	-	VALEO	497	194
	1.8i with LFZ (XU7JP) engine	07/1992	06/1997	BOSCH	376	002
	1.8i with LFZ, L6A engine	07/1992	-	VALEO	491	185
	1.9 D	03/1991	-	MITSUBISHI	993	165
	1.9 TD	03/1991	-	MITSUBISHI	993	165
	1.9i	03/1991	-	MITSUBISHI	993	165
	1.9i with DKZ (XU9JA) engine	03/1991	06/1997	BOSCH	376	002
	2.0i 16V com motor XU10J2C/J4/J4RS	-	-	VALEO	1-496	193
		-	-	VALEO	1-497	194
		-	-	VALEO	496	193
		-	-	VALEO	497	194
	2.0i with RFX (XU10J2C) engine	07/1992	06/1997	BOSCH	376	002
	Break 1.6i with BDY (XU5M) engine	10/1993	10/1997	BOSCH	376	002
	Break 1.6i with BFZ (XU5JP) engine	10/1993	10/1997	BOSCH	376	002
	Break 1.8i 16V with LFY (XU7JP4) engine	01/1996	02/1998	BOSCH	376	002
	Break 1.8i with LFZ (XU7JP) engine	10/1993	10/1997	BOSCH	376	002
		-	-	BOSCH	4-382	007

CLAAS		de /from	until	M.Part./Starter	ZM	Pag.
Consul		09/1973	05/1976	BOSCH	644	033
Dominator 85		09/1973	05/1976	BOSCH	644	033
Jaguar 60 SF	with OM 352 engine	10/1974	05/1976	BOSCH	644	033
Mercator 50	with OM 314 engine	09/1973	05/1976	BOSCH	644	033
	with OM 352 engine	09/1973	05/1976	BOSCH	644	033
Mercator 60	with OM 314 engine	09/1973	05/1976	BOSCH	644	033
	with OM 352 engine	09/1973	05/1976	BOSCH	644	033
Mercator 75	with OM 314 engine	09/1973	05/1976	BOSCH	644	033
	with OM 352 engine	09/1973	05/1976	BOSCH	644	033
Mercator 75 R	with OM 314 engine	09/1973	05/1976	BOSCH	644	033
	with OM 352 engine	09/1973	05/1976	BOSCH	644	033

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CLARK	de /from	until	M.Part./Starter	ZM	Pag.
101	-	-	DELCO REMY	356	067
	-	-	DELCO REMY	456	080
	-	-	DELCO REMY	456	081
110	-	-	DELCO REMY	2-461	083
	-	-	DELCO REMY	361	069
	-	-	DELCO REMY	362	069
	-	-	DELCO REMY	461	083
110III	-	-	DELCO REMY	2-461	083
	-	-	DELCO REMY	361	069
	-	-	DELCO REMY	362	069
	-	-	DELCO REMY	461	083
110III-H	-	-	DELCO REMY	2-461	083
	-	-	DELCO REMY	361	069
	-	-	DELCO REMY	362	069
	-	-	DELCO REMY	461	083
125	-	-	DELCO REMY	356	067
	-	-	DELCO REMY	456	080
	-	-	DELCO REMY	456	081
125A	-	-	DELCO REMY	356	067
	-	-	DELCO REMY	456	080
	-	-	DELCO REMY	456	081
125B	-	-	DELCO REMY	356	067
	-	-	DELCO REMY	456	080
	-	-	DELCO REMY	456	081
125III	-	-	DELCO REMY	356	067
	-	-	DELCO REMY	456	080
	-	-	DELCO REMY	456	081
175III	-	-	DELCO REMY	356	067
	-	-	DELCO REMY	456	080
	-	-	DELCO REMY	456	081
180III	-	-	DELCO REMY	2-461	083
	-	-	DELCO REMY	361	069
	-	-	DELCO REMY	362	069
	-	-	DELCO REMY	461	083
210I	-	-	DELCO REMY	2-461	083
	-	-	DELCO REMY	361	069
	-	-	DELCO REMY	362	069
	-	-	DELCO REMY	461	083
210III	-	-	DELCO REMY	2-461	083
	-	-	DELCO REMY	361	069
	-	-	DELCO REMY	362	069
	-	-	DELCO REMY	461	083
210III-H	-	-	DELCO REMY	2-461	083
	-	-	DELCO REMY	361	069
	-	-	DELCO REMY	362	069
	-	-	DELCO REMY	461	083
275	-	-	DELCO REMY	356	067
	-	-	DELCO REMY	456	080
	-	-	DELCO REMY	456	081
280	-	-	DELCO REMY	2-461	083
	-	-	DELCO REMY	361	069
	-	-	DELCO REMY	362	069
	-	-	DELCO REMY	461	083
280III	-	-	DELCO REMY	2-461	083
	-	-	DELCO REMY	361	069
	-	-	DELCO REMY	362	069
	-	-	DELCO REMY	461	083
280IIIA	-	-	DELCO REMY	2-461	083
	-	-	DELCO REMY	361	069

TABELA DE APLICAÇÃO
APPLICATION CHART

CLARK		de /from	until	M.Part./Starter	ZM	Pag.
280IIIA		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
301		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
380III		-	-	DELCO REMY	1-950	098
45C		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
475B		-	-	DELCO REMY	1-950	098
501		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
55B		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
55C		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
55IIIA		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
7200S		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
75B		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
75C		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
75IV		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
75III		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
85A		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
85CIIIA		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
85III		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
C500		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
Dozer	380 Cummins KTA-1150	-	-	DELCO REMY	2-950	098
	380 Cummins V-1710	-	-	DELCO REMY	2-950	098
Empilhadeira C-300 HY 40		-	-	WAPSA	501	201
Empilhadeira C-300 HY 50		-	-	WAPSA	501	201
Empilhadeira C-300 HY 60		-	-	WAPSA	501	201
Empilhadeira CHY 100		-	-	WAPSA	503	201
Empilhadeira CHY 120		-	-	WAPSA	503	201

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CLARK		de /from	until	M.Part./Starter	ZM	Pag.
Empilhadeira CHY 140		-	-	WAPSA	503	201
Empilhadeira CHY 40		-	-	WAPSA	504	202
Empilhadeira CHY 50		-	-	WAPSA	504	202
Empilhadeira CHY 60		-	-	WAPSA	503	201
Empilhadeira CHY 70		-	-	WAPSA	503	201
Empilhadeira CHY 80		-	-	WAPSA	503	201
Lift Trucks	CGC40 GM 4.3 L V6 gasoline	01/1997	12/2000	DELCO REMY	1-860	093
	CGC45 GM 4.3 L V6 gasoline	01/1997	12/2000	DELCO REMY	1-860	093
	CGC50 GM 4.3 L V6 gasoline	01/1997	12/2000	DELCO REMY	1-860	093
	CGC55 GM 4.3 L V6 gasoline	01/1997	12/2000	DELCO REMY	1-860	093
	CGC60 GM 4.3 L V6 gasoline	01/1997	12/2000	DELCO REMY	1-860	093
	CGC70 GM 4.3 L V6 gasoline	01/1997	12/2000	DELCO REMY	1-860	093
	CGP40 GM 4.3 L V6 gasoline	01/1997	12/2000	DELCO REMY	1-860	093
Scraper	310 DD-71T Diesel	-	-	DELCO REMY	2-950	098
	310 III H DD	-	-	DELCO REMY	2-950	098
	410 Cummins VT	-	-	DELCO REMY	2-950	098
	410 Cummins VTA	-	-	DELCO REMY	2-950	098
Skid Steer Loaders	2000 with 2.5 L Perkins engine	01/1989	-	DELCO REMY	805	087
	641 with F2L511 Deutz engine	01/1989	12/1989	DELCO REMY	805	087
	741 with F2L511 Deutz engine	01/1989	12/1989	DELCO REMY	805	087
	843 with 2.5 L Perkins engine	01/1989	12/1989	DELCO REMY	805	087
	843B with Isuzu engine	01/1990	12/1991	DELCO REMY	805	087
	853 with Isuzu engine	01/1991	12/1994	DELCO REMY	805	087
	853H with Isuzu engine	01/1991	12/1994	DELCO REMY	805	087
	943 with 4-236 Perkins engine	01/1990	12/1993	DELCO REMY	805	087
	975 with 4-276 John Deere engine	01/1989	12/1989	DELCO REMY	809	088
	980 with 3.9 liters Cummins engine	01/1989	12/1992	DELCO REMY	805	087
Tractor Shovel	275K Cummins KTA-1150	-	-	DELCO REMY	2-950	098
	475B VTA-1710C Diesel	-	-	DELCO REMY	2-950	098
Trator Michigan 75A		-	-	WAPSA	501	201
		-	-	WAPSA	506	202
Trator Michigan II		-	-	WAPSA	501	201
		-	-	WAPSA	506	202
Trator Michigan III		-	-	WAPSA	501	201
		-	-	WAPSA	506	202

CUMMINS		de /from	until	M.Part./Starter	ZM	Pag.
Dongfeng Cummins ISBE185-30	Chinese Cummins series marine diesel Genset	01/2010	-	MITSUBISHI	4-897	162
Dynapac		-	-	DELCO REMY	805	087
Engines	6BT 5.9	01/1986	12/1989	DELCO REMY	1-551	085
	B 5.9	01/1981	12/1988	DELCO REMY	1-551	085
Equipamentos	B Series Engine	-	-	PRESTOLITE	486	177
	C 8.3L Engine	-	-	PRESTOLITE	486	177
	com motor 4B 3.9 litros	-	-	DELCO REMY	808	088
	com motor 4BT 3.9 litros	-	-	DELCO REMY	808	088
	com motor 6B 5.9 litros	-	-	DELCO REMY	808	088
	com motor 6BT 5.9 litros	-	-	DELCO REMY	808	088
	com motor 6BTAA	-	-	DELCO REMY	808	088
	com motor 6BTAA 5.9 litros	-	-	PRESTOLITE	1-482	173
	com motor Cummins B 5.9 litros	-	-	PRESTOLITE	1-484	175
	com motor Cummins B Eletrônico 5.9 litros	-	-	PRESTOLITE	1-484	175
	com motor Série C 8,3 litros	-	-	DELCO REMY	1-407	071
		-	-	DELCO REMY	407	071
	com motor Série ISC 8,3 litros	-	-	DELCO REMY	1-407	071
		-	-	DELCO REMY	407	071
	motor B 3.9L	-	-	PRESTOLITE	3-485	176
	motor B 5.9L	-	-	PRESTOLITE	3-485	176
	with 5.9 liters B Cummins engine	-	-	PRESTOLITE	1-484	175

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CUMMINS		de /from	until	M.Part./Starter	ZM	Pag.
Equipamentos	with 5.9 liters Electronic B Cummins engine	-	-	PRESTOLITE	1-484	175
	with 6BTAA 5.9 liters engine	-	-	PRESTOLITE	1-482	173
	with B Series 5.9 liters engine	01/1980	12/1985	DELCO REMY	450	078
	with C Series 8.3 liters engine	-	-	DELCO REMY	1-407	071
		-	-	DELCO REMY	407	071
		01/1983	12/1986	DELCO REMY	451	078
		01/1987	12/1988	DELCO REMY	457	081
		01/1983	12/1986	DELCO REMY	351	065
		01/1987	12/1988	DELCO REMY	357	068
	with ISC Series 8.3 liters engine	-	-	DELCO REMY	1-407	071
		-	-	DELCO REMY	407	071
		-	-	SOLENOIDE DE PA	440	207
		-	-	SOLENOIDE DE PA	441	207
G-Drive		-	-	DELCO REMY	805	087
Heavy-Duty Equipment	With ISB Engine	-	-	DELCO REMY	1-840	092
	with ISX 15.0L Engine	-	-	DELCO REMY	1-841	092
		-	-	DELCO REMY	841	092
	with ISC 8.3L Engine	-	-	DELCO REMY	1-840	092
		-	-	DELCO REMY	1-841	092
	with ISC Engine	-	-	DELCO REMY	840	092
		-	-	DELCO REMY	841	092
	with ISL 8.3L Engine	-	-	DELCO REMY	840	092
	with ISL Engine	-	-	DELCO REMY	841	092
	with ISM 11.0L Engine	-	-	DELCO REMY	1-841	092
Ingersoll Rand 110		-	-	DELCO REMY	805	087
Ingersoll Rand 125		-	-	DELCO REMY	805	087
Ingersoll Rand 95		-	-	DELCO REMY	805	087
Ingersoll Rand DD 6-110		-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
Ingersoll Rand R-900		-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
Metalfor Pulverisador		-	-	DELCO REMY	805	087
Muller	DVT140	-	-	DELCO REMY	805	087
	Skider	-	-	DELCO REMY	805	087
	TM-14	-	-	DELCO REMY	805	087
NT 855	com Liebherr	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
	com P450	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
	com Stemac G3	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
	com Stemac G4	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
	com Stemac G6	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
	com Zanello CBSA	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
	com Zanello CBSA Marítimo	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069

TABELA DE APLICAÇÃO
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CUMMINS		de /from	until	M.Part./Starter	ZM	Pag.
NT 855	com Zanello G6	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
NT 855A	com Liebherr	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
	com P450	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
	com Stemac G3	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
	com Stemac G4	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
	com Stemac G6	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
	com Zanello CBSA	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
	com Zanello CBSA Marítimo	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
	com Zanello G6	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
NTA 855	com Liebherr	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
	com P450	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
	com Stemac G3	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
	com Stemac G4	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
	com Stemac G6	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
	com Zanello CBSA	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
	com Zanello CBSA Marítimo	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
	com Zanello G6	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
Off-Road Equipment	with ISC Engine	-	-	DELCO REMY	841	092
	with ISL Engine	-	-	DELCO REMY	841	092
	with ISX 15.0L Engine	-	-	DELCO REMY	841	092
Série 14.0L		-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
Série 6C 8.3 litros	com Armed	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069

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CUMMINS		de /from	until	M.Part./Starter	ZM	Pag.
Série 6C 8.3 litros	com Armed	-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
	com CBL Gerador	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
	com G-Drive CBSA	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
	com Irrigação	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
	com Muller	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
	com Randon	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
	com Stemac	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
	com Vassali	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
Série 855		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
Série 855 10.0L		-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
Série CT	com motor 6 CT 8.3	12/1986	-	BOSCH	831	049
Série K		-	-	DELCO REMY	1-950	098
Série L10	com Armed	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
	com CBL Gerador	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
	com G-Drive CBSA	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
	com Irrigação	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
	com Muller	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
	com Randon	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069

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CUMMINS		de /from	until	M.Part./Starter	ZM	Pag.
Série L10	com Randon	-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
	com Stemac	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
	com Vassali	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
Série L10.0		-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
Série L14	com Armed	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
	com CBL Gerador	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
	com G-Drive CBSA	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
	com Irrigação	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
	com Muller	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
	com Stemac	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
	com Vassali	-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
		-	-	DELCO REMY	1-950	098
Série N	com motor N 855	01/1988	-	BOSCH	903	055
		01/1988	-	BOSCH	904	056
	com motor N 855 M	01/1988	-	BOSCH	903	055
		01/1988	-	BOSCH	904	056
	com motor NT 855	01/1988	-	BOSCH	903	055
		01/1988	-	BOSCH	904	056
	com motor NT 855 G	01/1988	-	BOSCH	903	055
		01/1988	-	BOSCH	904	056
	com motor NT 855 M	01/1988	-	BOSCH	903	055
		01/1988	-	BOSCH	904	056
	com motor NTA 855	01/1988	-	BOSCH	903	055

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CUMMINS		de /from	until	M.Part./Starter	ZM	Pag.
Série N	com motor NTA 855	01/1988	-	BOSCH	904	056
	com motor NTA 855 M	01/1988	-	BOSCH	903	055
		01/1988	-	BOSCH	904	056
	com motor NTTA 855 M	01/1988	-	BOSCH	903	055
		01/1988	-	BOSCH	904	056
Série V 8.3 litros		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
Série V 9.1 litros		-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
		-	-	DELCO REMY	461	083
Timberjack	450C com motor Cummins 4B 3.9L	-	-	DELCO REMY	805	087
	450C com motor Cummins 4BT 3.9L	-	-	DELCO REMY	805	087
	450C com motor Cummins 6B 5.9L	-	-	DELCO REMY	805	087
	450C com motor Cummins 6BT 5.9L	-	-	DELCO REMY	805	087
	450C com motor Cummins 6BTAA	-	-	DELCO REMY	805	087
	480C com motor Cummins 4B 3.9L	-	-	DELCO REMY	805	087
	480C com motor Cummins 4BT 3.9L	-	-	DELCO REMY	805	087
	480C com motor Cummins 6B 5.9L	-	-	DELCO REMY	805	087
	480C com motor Cummins 6BT 5.9L	-	-	DELCO REMY	805	087
	480C com motor Cummins 6BTAA	-	-	DELCO REMY	805	087
	610 Forwarder com motor Cummins 4B 3.9L	-	-	DELCO REMY	805	087
	610 Forwarder com motor Cummins 4BT 3.9L	-	-	DELCO REMY	805	087
	610 Forwarder com motor Cummins 6B 5.9L	-	-	DELCO REMY	805	087
	610 Forwarder com motor Cummins 6BT 5.9L	-	-	DELCO REMY	805	087
	610 Forwarder com motor Cummins 6BTAA	-	-	DELCO REMY	805	087
Zanello		-	-	DELCO REMY	805	087

DACIA		de /from	until	M.Part./Starter	ZM	Pag.
Duster	1.6 16V	-	-	VALEO	6-492	188
		-	-	VALEO	7-492	188
Logan	1.5L T DSL	01/2004	-	MITSUBISHI	6-993	167
	1.6 LPG MCV	-	-	VALEO	6-492	188
		-	-	VALEO	7-492	188
		09/2004	-	MITSUBISHI	1-993	166
		-	-	VALEO	2-498	195
		-	-	VALEO	4-494	190
		-	-	MITSUBISHI	995	167

DAEWOO		de /from	until	M.Part./Starter	ZM	Pag.
Espero	1.8 (Autom) with C18LE engine	02/1995	09/1999	HITACHI	1-684	116
		02/1995	09/1999	HITACHI	683	116
		02/1995	09/1999	HITACHI	684	116
	2.0 L	-	-	DELCO REMY	2-860	093
		-	-	DELCO REMY	6-860	094
	Saloon 1.5 16V	02/1995	06/1999	DELCO REMY	865	096
Korando	2.9 D with MB OM 662 engine	01/1999	-	VALEO	590	196
	2.9 TD with MB OM 601 29TD engine	01/1999	-	VALEO	590	196
Lanos	1.4 with A14SMS engine	05/1997	-	HITACHI	1-684	116
		05/1997	-	HITACHI	683	116
		05/1997	-	HITACHI	684	116
	1.5 with A15SMS engine	05/1997	-	HITACHI	1-684	116
		05/1997	-	HITACHI	683	116
		05/1997	-	HITACHI	684	116
	1.6 16V with A16DMS engine	05/1997	-	HITACHI	1-684	116
		05/1997	-	HITACHI	683	116
		05/1997	-	HITACHI	684	116

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DAEWOO		de /from	until	M.Part./Starter	ZM	Pag.
Lanos	1.6 L	01/1998	12/2001	DELCO REMY	864	096
	Hatchback 1.4	05/1997	-	DELCO REMY	865	096
	Hatchback 1.6 16V	05/1997	-	DELCO REMY	865	096
	Hatchback1.5	05/1997	-	DELCO REMY	865	096
	Saloon 1.4	05/1997	-	DELCO REMY	865	096
	Saloon 1.5	05/1997	-	DELCO REMY	865	096
Leganza	2.2 L	01/1998	12/2001	DELCO REMY	864	096
Lift Trucks	G35S GM 4.3 L V6	-	-	DELCO REMY	1-860	093
	G40S GM 4.3 L V6	-	-	DELCO REMY	1-860	093
	G45S GM 4.3 L V6	-	-	DELCO REMY	1-860	093
Musso	2.3 with MB M 111.970 engine	01/1999	-	VALEO	590	196
	2.9 D with MB OM 662 engine	01/1999	09/1999	VALEO	590	196
Nexia	Hatchback 1.5	02/1995	08/1997	DELCO REMY	865	096
	Hatchback 1.5 16V	02/1995	08/1997	DELCO REMY	865	096
	Saloon 1.5	02/1995	08/1997	DELCO REMY	865	096
	Saloon 1.5 16V	02/1995	08/1997	DELCO REMY	865	096
		-	-	KZATE	5-619	130
Nubira	1.6 16V with A16DMS engine	05/1997	-	HITACHI	1-684	116
		05/1997	-	HITACHI	683	116
		05/1997	-	HITACHI	684	116
	2.0 L	01/1998	12/2001	DELCO REMY	864	096
	Estate 1.6 16V	05/1997	-	DELCO REMY	865	096
	Hatchback 1.6 16V	05/1997	-	DELCO REMY	865	096
	Saloon 1.6 16V	05/1997	-	DELCO REMY	865	096
	Wagon 1.6 16V	05/1997	-	DELCO REMY	865	096
DAF		de /from	until	M.Part./Starter	ZM	Pag.
85 CF	430	04/2001	-	BOSCH	836	051
	454	-	-	BOSCH	836	051
	455	-	-	BOSCH	836	051
95 XF	380	-	-	BOSCH	836	051
	430	04/2001	-	BOSCH	836	051
	480	-	-	BOSCH	836	051
AZ 1900 DH		02/1972	12/1976	BOSCH	736	041
CF 85	340	04/2001	-	BOSCH	836	051
	380	-	-	BOSCH	836	051
	430	-	-	BOSCH	836	051
		10/2005	-	BOSCH	5-639	030
F 1300 F	with DF615 engine	-	-	BOSCH	539	017
		-	-	BOSCH	640	030
F 1500 DF	with DF615 engine	-	-	BOSCH	539	017
		-	-	BOSCH	640	030
F 2000 DH		01/1970	11/1980	BOSCH	736	041
F 2005 DH		01/1970	11/1980	BOSCH	736	041
F 2100 DH		07/1978	-	BOSCH	736	041
F 2100 DHR		07/1978	-	BOSCH	736	041
F 2100 DHT		07/1978	-	BOSCH	736	041
F 2100 DHTD		07/1978	-	BOSCH	736	041
F 2103 DH		01/1982	-	BOSCH	736	041
F 2103 DHR		01/1982	-	BOSCH	736	041
F 2105 DF	with DF615 engine	-	-	BOSCH	539	017
		-	-	BOSCH	640	030
F 2105 DH		07/1978	-	BOSCH	736	041
F 2105 DHR		07/1978	-	BOSCH	736	041
F 2105 DHT		07/1978	-	BOSCH	736	041
F 2105 DHTD		07/1978	-	BOSCH	736	041
F 2200 DU		01/1971	11/1980	BOSCH	736	041
F 2205 DH		01/1971	11/1980	BOSCH	736	041
F 2205 DU		01/1971	11/1980	BOSCH	736	041

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DAF		de /from	until	M.Part./Starter	ZM	Pag.
F 2300 DH		07/1978	-	BOSCH	736	041
F 2300 DHR		07/1978	-	BOSCH	736	041
F 2300 DHT		07/1978	-	BOSCH	736	041
F 2300 DHU		07/1978	-	BOSCH	736	041
F 2303 DHU		11/1981	-	BOSCH	736	041
F 2305 DH		07/1978	-	BOSCH	736	041
F 2305 DHR		07/1978	-	BOSCH	736	041
F 2305 DHU		07/1978	-	BOSCH	736	041
F 2500 DHS		02/1982	-	BOSCH	736	041
F 2505 DHS		02/1982	-	BOSCH	736	041
F 2525 DHS		02/1982	-	BOSCH	736	041
F 2535 DHS		02/1982	-	BOSCH	736	041
FA 85.330	with WS 242 L engine	07/1992	02/1998	BOSCH	901	054
		07/1992	02/1998	BOSCH	902	054
		07/1992	02/1998	BOSCH	902	055
	with WS 242 M engine	07/1992	02/1998	BOSCH	901	054
		07/1992	02/1998	BOSCH	902	054
		07/1992	02/1998	BOSCH	902	055
	with WS 242 engine	07/1992	02/1998	BOSCH	901	054
		07/1992	02/1998	BOSCH	902	054
		07/1992	02/1998	BOSCH	902	055
FA 95.310	with WS 225 engine	09/1987	09/1990	BOSCH	901	054
		09/1987	09/1990	BOSCH	902	054
		09/1987	09/1990	BOSCH	902	055
FA 95.350	with WS 259 engine	09/1987	09/1990	BOSCH	901	054
		09/1987	09/1990	BOSCH	902	054
		09/1987	09/1990	BOSCH	902	055
FA 95.360	with WS 268 G engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
	with WS 268 L engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
	with WS 268 engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
FA 95.400	with WS 295 G engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
	with WS 295 L engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
	with WS 295 M engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
	with WS 295 engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
FA 95.430	with WS 315 G engine	02/1992	01/1998	BOSCH	901	054
		02/1992	01/1998	BOSCH	902	054
		02/1992	01/1998	BOSCH	902	055
	with WS 315 L engine	02/1992	01/1998	BOSCH	901	054
		02/1992	01/1998	BOSCH	902	054
		02/1992	01/1998	BOSCH	902	055
	with WS 315 M engine	02/1992	01/1998	BOSCH	901	054
		02/1992	01/1998	BOSCH	902	054
		02/1992	01/1998	BOSCH	902	055
	with WS 315 engine	02/1992	01/1998	BOSCH	901	054
		02/1992	01/1998	BOSCH	902	054

TABELA DE APLICAÇÃO
APPLICATION CHART

DAF		de /from	until	M.Part./Starter	ZM	Pag.
FA 95.430	with WS 315 engine	02/1992	01/1998	BOSCH	902	055
FAD 95.350	with WS 259 engine	09/1987	09/1990	BOSCH	901	054
		09/1987	09/1990	BOSCH	902	054
		09/1987	09/1990	BOSCH	902	055
FAD 95.360	with WS 268 G engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
	with WS 268 L engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
	with WS 268 M engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
	with WS 268 engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
FAD 95.400	with WS 295 G engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
	with WS 295 L engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
	with WS 295 M engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
	with WS 295 engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
FAD 95.430	with WS 315 L engine	02/1992	01/1998	BOSCH	901	054
		02/1992	01/1998	BOSCH	902	054
		02/1992	01/1998	BOSCH	902	055
	with WS 315 M engine	02/1992	01/1998	BOSCH	901	054
		02/1992	01/1998	BOSCH	902	054
		02/1992	01/1998	BOSCH	902	055
	with WS 315 engine	02/1992	01/1998	BOSCH	901	054
		02/1992	01/1998	BOSCH	902	054
		02/1992	01/1998	BOSCH	902	055
FAG 95.350	with WS 259 engine	09/1987	09/1990	BOSCH	901	054
		09/1987	09/1990	BOSCH	902	054
		09/1987	09/1990	BOSCH	902	055
FAG 95.360	with WS 268 G engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
	with WS 268 L engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
	with WS 268 M engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
	with WS 268 engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
FAG 95.400	with WS 259 G engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
	with WS 259 L engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
	with WS 259 M engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054

TABELA DE APLICAÇÃO
APPLICATION CHART

DAF		de /from	until	M.Part./Starter	ZM	Pag.
FAG 95.400	with WS 259 M engine	08/1990	01/1998	BOSCH	902	055
	with WS 259 engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
FAG 95.430	with WS 315 L engine	08/1992	01/1998	BOSCH	901	054
		08/1992	01/1998	BOSCH	902	054
		08/1992	01/1998	BOSCH	902	055
	with WS 315 M engine	08/1992	01/1998	BOSCH	901	054
		08/1992	01/1998	BOSCH	902	054
		08/1992	01/1998	BOSCH	902	055
	with WS 315 engine	08/1992	01/1998	BOSCH	901	054
		08/1992	01/1998	BOSCH	902	054
		08/1992	01/1998	BOSCH	902	055
FAK 95.360	with WS 268 L engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
	with WS 268 M engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
	with WS 268 engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
FAK 95.400	with WS 259 L engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
	with WS 259 M engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
	with WS 259 engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
FAK 95.430	with WS 315 L engine	02/1992	01/1998	BOSCH	901	054
		02/1992	01/1998	BOSCH	902	054
		02/1992	01/1998	BOSCH	902	055
	with WS 315 M engine	02/1992	01/1998	BOSCH	901	054
		02/1992	01/1998	BOSCH	902	054
		02/1992	01/1998	BOSCH	902	055
	with WS 315 engine	02/1992	01/1998	BOSCH	901	054
		02/1992	01/1998	BOSCH	902	054
		02/1992	01/1998	BOSCH	902	055
FAR 95.310	with WS 225 engine	09/1987	09/1990	BOSCH	901	054
		09/1987	09/1990	BOSCH	902	054
		09/1987	09/1990	BOSCH	902	055
FAR 95.330	with WS 242 engine	08/1990	01/1993	BOSCH	901	054
		08/1990	01/1993	BOSCH	902	054
		08/1990	01/1993	BOSCH	902	055
FAR 95.350	with WS 259 engine	09/1987	09/1990	BOSCH	901	054
		09/1987	09/1990	BOSCH	902	054
		09/1987	09/1990	BOSCH	902	055
FAR 95.360	with WS 268 G engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
	with WS 268 L engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
	with WS 268 M engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
	with WS 268 engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054

TABELA DE APLICAÇÃO
APPLICATION CHART

DAF		de /from	until	M.Part./Starter	ZM	Pag.
FAR 95.360	with WS 268 engine	08/1990	01/1998	BOSCH	902	055
FAR 95.400	with WS 259 G engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
	with WS 259 L engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
	with WS 259 M engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
	with WS 259 engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
FAR 95.430	with WS 315 L engine	08/1992	01/1998	BOSCH	901	054
		08/1992	01/1998	BOSCH	902	054
		08/1992	01/1998	BOSCH	902	055
	with WS 315 M engine	08/1992	01/1998	BOSCH	901	054
		08/1992	01/1998	BOSCH	902	054
		08/1992	01/1998	BOSCH	902	055
	with WS 315 engine	08/1992	01/1998	BOSCH	901	054
		08/1992	01/1998	BOSCH	902	054
		08/1992	01/1998	BOSCH	902	055
FAS 95.350	with WS 259 engine	09/1987	09/1990	BOSCH	901	054
		09/1987	09/1990	BOSCH	902	054
		09/1987	09/1990	BOSCH	902	055
FAS 95.360	with WS 268 G engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
	with WS 268 L engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
	with WS 268 M engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
	with WS 268 engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
FAS 95.400	with WS 259 G engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
	with WS 259 L engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
	with WS 259 M engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
	with WS 259 engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
FAS 95.430	with WS 315 L engine	08/1992	01/1998	BOSCH	901	054
		08/1992	01/1998	BOSCH	902	054
		08/1992	01/1998	BOSCH	902	055
	with WS 315 M engine	08/1992	01/1998	BOSCH	901	054
		08/1992	01/1998	BOSCH	902	054
		08/1992	01/1998	BOSCH	902	055
	with WS 315 engine	08/1992	01/1998	BOSCH	901	054
		08/1992	01/1998	BOSCH	902	054
		08/1992	01/1998	BOSCH	902	055
FAT 95.350	with WS 259 engine	09/1987	09/1990	BOSCH	901	054
		09/1987	09/1990	BOSCH	902	054

TABELA DE APLICAÇÃO
APPLICATION CHART

DAF		de /from	until	M.Part./Starter	ZM	Pag.
FAT 95.350	with WS 259 engine	09/1987	09/1990	BOSCH	902	055
FAT 95.360	with WS 268 G engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
	with WS 268 L engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
	with WS 268 M engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
	with WS 268 engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
FAT 95.400	with WS 295 G engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
	with WS 295 L engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
	with WS 295 M engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
	with WS 295 engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
FAT 95.430	with WS 315 L engine	02/1992	01/1998	BOSCH	901	054
		02/1992	01/1998	BOSCH	902	054
		02/1992	01/1998	BOSCH	902	055
	with WS 315 M engine	02/1992	01/1998	BOSCH	901	054
		02/1992	01/1998	BOSCH	902	054
		02/1992	01/1998	BOSCH	902	055
	with WS 315 engine	02/1992	01/1998	BOSCH	901	054
		02/1992	01/1998	BOSCH	902	054
		02/1992	01/1998	BOSCH	902	055
FT 85.330	with WS 242 L engine	07/1992	02/1998	BOSCH	901	054
		07/1992	02/1998	BOSCH	902	054
		07/1992	02/1998	BOSCH	902	055
	with WS 242 M engine	07/1992	02/1998	BOSCH	901	054
		07/1992	02/1998	BOSCH	902	054
		07/1992	02/1998	BOSCH	902	055
	with WS 242 engine	07/1992	02/1998	BOSCH	901	054
		07/1992	02/1998	BOSCH	902	054
		07/1992	02/1998	BOSCH	902	055
FT 95.310	with WS 225 engine	09/1987	09/1990	BOSCH	901	054
		09/1987	09/1990	BOSCH	902	054
		09/1987	09/1990	BOSCH	902	055
FT 95.330	with WS 242 engine	08/1990	01/1993	BOSCH	901	054
		08/1990	01/1993	BOSCH	902	054
		08/1990	01/1993	BOSCH	902	055
FT 95.350	with WS 259 engine	09/1987	09/1990	BOSCH	901	054
		09/1987	09/1990	BOSCH	902	054
		09/1987	09/1990	BOSCH	902	055
FT 95.360	with WS 268 G engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
	with WS 268 L engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
	with WS 268 M engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054

TABELA DE APLICAÇÃO
APPLICATION CHART

DAF		de /from	until	M.Part./Starter	ZM	Pag.
FT 95.360	with WS 268 M engine	08/1990	01/1998	BOSCH	902	055
	with WS 268 engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
FT 95.400	with WS 295 G engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
	with WS 295 L engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
	with WS 295 M engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
	with WS 295 engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
FT 95.430	with WS 315 L engine	02/1992	01/1998	BOSCH	901	054
		02/1992	01/1998	BOSCH	902	054
		02/1992	01/1998	BOSCH	902	055
	with WS 315 M engine	02/1992	01/1998	BOSCH	901	054
		02/1992	01/1998	BOSCH	902	054
		02/1992	01/1998	BOSCH	902	055
	with WS 315 engine	02/1992	01/1998	BOSCH	901	054
		02/1992	01/1998	BOSCH	902	054
		02/1992	01/1998	BOSCH	902	055
FTG 95.350	with WS 259 engine	09/1987	09/1990	BOSCH	901	054
		09/1987	09/1990	BOSCH	902	054
		09/1987	09/1990	BOSCH	902	055
FTG 95.360	with WS 268 L engine	09/1990	01/1998	BOSCH	901	054
		09/1990	01/1998	BOSCH	902	054
		09/1990	01/1998	BOSCH	902	055
	with WS 268 M engine	09/1990	01/1998	BOSCH	901	054
		09/1990	01/1998	BOSCH	902	054
		09/1990	01/1998	BOSCH	902	055
	with WS 268 engine	09/1990	01/1998	BOSCH	901	054
		09/1990	01/1998	BOSCH	902	054
		09/1990	01/1998	BOSCH	902	055
FTG 95.400	with WS 295 G engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
	with WS 295 L engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
	with WS 295 M engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
	with WS 295 engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
FTG 95.430	with WS 315 L engine	02/1992	01/1998	BOSCH	901	054
		02/1992	01/1998	BOSCH	902	054
		02/1992	01/1998	BOSCH	902	055
	with WS 315 M engine	02/1992	01/1998	BOSCH	901	054
		02/1992	01/1998	BOSCH	902	054
		02/1992	01/1998	BOSCH	902	055
	with WS 315 engine	02/1992	01/1998	BOSCH	901	054
		02/1992	01/1998	BOSCH	902	054
		02/1992	01/1998	BOSCH	902	055
FTR 95.360	with WS 268 L engine	09/1990	01/1998	BOSCH	901	054
		09/1990	01/1998	BOSCH	902	054

TABELA DE APLICAÇÃO
APPLICATION CHART

DAF		de /from	until	M.Part./Starter	ZM	Pag.
FTR 95.360	with WS 268 L engine	09/1990	01/1998	BOSCH	902	055
	with WS 268 M engine	09/1990	01/1998	BOSCH	901	054
		09/1990	01/1998	BOSCH	902	054
		09/1990	01/1998	BOSCH	902	055
	with WS 268 engine	09/1990	01/1998	BOSCH	901	054
		09/1990	01/1998	BOSCH	902	054
		09/1990	01/1998	BOSCH	902	055
FTR 95.400	with WS 295 G engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
	with WS 295 L engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
	with WS 295 M engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
	with WS 295 engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
FTR 95.430	with WS 315 L engine	02/1992	01/1998	BOSCH	901	054
		02/1992	01/1998	BOSCH	902	054
		02/1992	01/1998	BOSCH	902	055
	with WS 315 M engine	02/1992	01/1998	BOSCH	901	054
		02/1992	01/1998	BOSCH	902	054
		02/1992	01/1998	BOSCH	902	055
	with WS 315 engine	02/1992	01/1998	BOSCH	901	054
		02/1992	01/1998	BOSCH	902	054
		02/1992	01/1998	BOSCH	902	055
FTS 95.350	with WS 259 engine	09/1987	09/1990	BOSCH	901	054
		09/1987	09/1990	BOSCH	902	054
		09/1987	09/1990	BOSCH	902	055
FTS 95.360	with WS 268 L engine	09/1990	01/1998	BOSCH	901	054
		09/1990	01/1998	BOSCH	902	054
		09/1990	01/1998	BOSCH	902	055
	with WS 268 M engine	09/1990	01/1998	BOSCH	901	054
		09/1990	01/1998	BOSCH	902	054
		09/1990	01/1998	BOSCH	902	055
	with WS 268 engine	09/1990	01/1998	BOSCH	901	054
		09/1990	01/1998	BOSCH	902	054
		09/1990	01/1998	BOSCH	902	055
FTS 95.400	with WS 295 G engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
	with WS 295 L engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
	with WS 295 M engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
	with WS 295 engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
FTS 95.430	with WS 315 L engine	02/1992	01/1998	BOSCH	901	054
		02/1992	01/1998	BOSCH	902	054
		02/1992	01/1998	BOSCH	902	055
	with WS 315 M engine	02/1992	01/1998	BOSCH	901	054
		02/1992	01/1998	BOSCH	902	054
		02/1992	01/1998	BOSCH	902	055
	with WS 315 engine	02/1992	01/1998	BOSCH	901	054
		02/1992	01/1998	BOSCH	902	054

TABELA DE APLICAÇÃO
APPLICATION CHART

DAF		de /from	until	M.Part./Starter	ZM	Pag.
FTS 95.430	with WS 315 engine	02/1992	01/1998	BOSCH	902	055
FTT 95.360	with WS 268 L engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
	with WS 268 M engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
	with WS 268 engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
FTT 95.400	with WS 295 G engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
	with WS 295 L engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
	with WS 295 M engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
	with WS 295 engine	08/1990	01/1998	BOSCH	901	054
		08/1990	01/1998	BOSCH	902	054
		08/1990	01/1998	BOSCH	902	055
FTT 95.430	with WS 315 L engine	02/1992	01/1998	BOSCH	901	054
		02/1992	01/1998	BOSCH	902	054
		02/1992	01/1998	BOSCH	902	055
	with WS 315 M engine	02/1992	01/1998	BOSCH	901	054
		02/1992	01/1998	BOSCH	902	054
		02/1992	01/1998	BOSCH	902	055
	with WS 315 engine	02/1992	01/1998	BOSCH	901	054
		02/1992	01/1998	BOSCH	902	054
		02/1992	01/1998	BOSCH	902	055
SB 2005 DH		05/1980	-	BOSCH	736	041
Trucks		-	-	BOSCH	5-639	030
XF 105		10/2005	-	BOSCH	5-639	030
XF 95	380 with XF280M engine	01/1997	-	BOSCH	834	050
	430 with XF315M engine	01/1997	-	BOSCH	834	050
	480 with XF355M engine	01/1997	-	BOSCH	834	050
	530 with VF390M engine	01/1997	-	BOSCH	834	050
DAIHATSU		de /from	until	M.Part./Starter	ZM	Pag.
Charmant	1.3	08/1986	07/1987	DENSO	662	101
	1.3 with 4K engine	11/1981	07/1987	DENSO	662	101
Hi-Jet 850	1.0 with CB engine	07/1986	-	DENSO	708	105
	with CD engine	07/1986	12/1992	DENSO	708	105
DECAROLI		de /from	until	M.Part./Starter	ZM	Pag.
714	com motor OM 449 A	03/1991	-	BOSCH	832	050
784 T1/2	com motor OM 447 LA	02/1992	09/1997	BOSCH	832	050
NG 4 T1	com motor OM 447 LA	08/1997	-	BOSCH	832	050
DELCO REMY		de /from	until	M.Part./Starter	ZM	Pag.
PG100, PG150 Starter Motor Series		-	-	DELCO REMY	862	095
		-	-	DELCO REMY	864	096
PG150 S Starter Motor Series		-	-	DELCO REMY	864	096
PG200, PG250 Starter Motor Series		-	-	DELCO REMY	1-862	096
		-	-	DELCO REMY	862	095
		-	-	DELCO REMY	4-861	095
PG260 C Starter Motor Series		-	-	DELCO REMY	7-860	094
PG260 D Starter Motor Series		-	-	DELCO REMY	2-860	093
		-	-	DELCO REMY	5-860	093

TABELA DE APLICAÇÃO
APPLICATION CHART

DELCO REMY	de /from	until	M.Part./Starter	ZM	Pag.
PG260 D Starter Motor Series	-	-	DELCO REMY	6-860	094
	-	-	DELCO REMY	860	093
PG260 E Starter Motor Series	-	-	DELCO REMY	9-860	094
PG260 F1 Starter Motor Series	-	-	DELCO REMY	1-860	093
	-	-	DELCO REMY	860	093
PG260 F2 Starter Motor Series	-	-	DELCO REMY	860	093
PG260 G Starter Motor Series	-	-	DELCO REMY	1-860	093
	-	-	DELCO REMY	860	093
PG260 L Starter Motor Series	-	-	DELCO REMY	1-860	093
	-	-	DELCO REMY	860	093
PG260 M Starter Motor Series	-	-	DELCO REMY	1-860	093
	-	-	DELCO REMY	860	093
SD210, SD260 Starter Motor Series	-	-	DELCO REMY	862	095
27MT Starter Motor Series	-	-	DELCO REMY	1-551	085
28MT Starter Motor Series	-	-	DELCO REMY	1-817	090
	-	-	DELCO REMY	2-409	075
	-	-	DELCO REMY	3-805	087
	-	-	DELCO REMY	805	087
	-	-	DELCO REMY	806	087
	-	-	DELCO REMY	807	088
	-	-	DELCO REMY	808	088
	-	-	DELCO REMY	809	088
	-	-	DELCO REMY	810	088
	-	-	DELCO REMY	811	089
	-	-	DELCO REMY	812	089
	-	-	DELCO REMY	813	089
	-	-	DELCO REMY	815	089
	-	-	DELCO REMY	817	090
29MT Starter Motor Series	-	-	DELCO REMY	1-818	090
	-	-	DELCO REMY	1-818	091
	-	-	DELCO REMY	2-407	071
	-	-	DELCO REMY	2-818	091
	-	-	DELCO REMY	3-407	071
	-	-	DELCO REMY	3-409	075
	-	-	DELCO REMY	3-818	091
	-	-	DELCO REMY	409	075
	-	-	DELCO REMY	818	090
37MT Starter Motor Series	-	-	DELCO REMY	2-352	066
	-	-	DELCO REMY	2-360	068
	-	-	DELCO REMY	2-452	079
	-	-	DELCO REMY	2-460	082
	-	-	DELCO REMY	3-452	079
	-	-	DELCO REMY	352	065
	-	-	DELCO REMY	352	066
	-	-	DELCO REMY	353	066
	-	-	DELCO REMY	355	067
	-	-	DELCO REMY	360	068
	-	-	DELCO REMY	450	078
	-	-	DELCO REMY	451	078
	-	-	DELCO REMY	452	078
	-	-	DELCO REMY	452	079
	-	-	DELCO REMY	453	080
	-	-	DELCO REMY	454	080
	-	-	DELCO REMY	455	080
	-	-	DELCO REMY	459	082
	-	-	DELCO REMY	460	082
	-	-	DELCO REMY	463	084

TABELA DE APLICAÇÃO
APPLICATION CHART

DELCO REMY	de /from	until	M.Part./Starter	ZM	Pag.
37MT Starter Motor Series	-	-	DELCO REMY	466	084
	-	-	DELCO REMY	6-408	074
	-	-	DELCO REMY	7-408	074
	-	-	DELCO REMY	351	065
	-	-	DELCO REMY	354	067
	-	-	DELCO REMY	366	070
38MT Starter Motor Series	-	-	DELCO REMY	1-407	071
	-	-	DELCO REMY	1-409	075
	-	-	DELCO REMY	1-840	092
	-	-	DELCO REMY	4-409	076
	-	-	DELCO REMY	407	071
	-	-	DELCO REMY	840	092
39MT Starter Motor Series	-	-	DELCO REMY	1-841	092
	-	-	DELCO REMY	4-407	072
	-	-	DELCO REMY	4-408	073
	-	-	DELCO REMY	5-407	072
	-	-	DELCO REMY	5-408	073
	-	-	DELCO REMY	841	092
40MT Starter Motor Series	-	-	DELCO REMY	951	099
41MT Starter Motor Series	-	-	DELCO REMY	1-362	069
	-	-	DELCO REMY	2-362	070
	-	-	DELCO REMY	353	066
	-	-	DELCO REMY	355	067
	-	-	DELCO REMY	361	069
	-	-	DELCO REMY	365	070
	-	-	DELCO REMY	369	070
	-	-	DELCO REMY	464	084
	-	-	DELCO REMY	465	084
	-	-	DELCO REMY	468	085
	-	-	DELCO REMY	6-408	074
	-	-	DELCO REMY	7-408	074
42MT Starter Motor Series	-	-	DELCO REMY	1-362	069
	-	-	DELCO REMY	2-356	068
	-	-	DELCO REMY	2-362	070
	-	-	DELCO REMY	2-456	081
	-	-	DELCO REMY	2-461	083
	-	-	DELCO REMY	356	067
	-	-	DELCO REMY	361	069
	-	-	DELCO REMY	362	069
	-	-	DELCO REMY	456	080
	-	-	DELCO REMY	456	081
	-	-	DELCO REMY	457	081
	-	-	DELCO REMY	458	082
	-	-	DELCO REMY	461	083
	-	-	DELCO REMY	462	083
	-	-	DELCO REMY	357	068
50MT Starter Motor Series	-	-	DELCO REMY	950	097
	-	-	DELCO REMY	950	098
	-	-	DELCO REMY	951	099
	-	-	DELCO REMY	1-950	098
	-	-	DELCO REMY	2-950	098
Motores de partida PG100, PG150	-	-	DELCO REMY	862	095
	-	-	DELCO REMY	864	096
Motores de partida PG200, PG250	-	-	DELCO REMY	1-862	096
	-	-	DELCO REMY	862	095
Motores de partida PG260 F1	-	-	DELCO REMY	1-860	093
	-	-	DELCO REMY	860	093
Motores de partida PG260 L	-	-	DELCO REMY	1-860	093
	-	-	DELCO REMY	860	093

TABELA DE APLICAÇÃO
APPLICATION CHART

DELCO REMY	de /from	until	M.Part./Starter	ZM	Pag.
Motores de partida PG260 M	-	-	DELCO REMY	1-860	093
	-	-	DELCO REMY	860	093
Motores de partida SD210, SD260	-	-	DELCO REMY	862	095
Motores de partida 28MT	-	-	DELCO REMY	1-817	090
	-	-	DELCO REMY	2-409	075
	-	-	DELCO REMY	3-805	087
	-	-	DELCO REMY	805	087
	-	-	DELCO REMY	806	087
	-	-	DELCO REMY	807	088
	-	-	DELCO REMY	808	088
	-	-	DELCO REMY	809	088
	-	-	DELCO REMY	810	088
	-	-	DELCO REMY	811	089
	-	-	DELCO REMY	812	089
	-	-	DELCO REMY	813	089
	-	-	DELCO REMY	815	089
	-	-	DELCO REMY	817	090
Motores de partida 29MT	-	-	DELCO REMY	1-818	090
	-	-	DELCO REMY	1-818	091
	-	-	DELCO REMY	2-407	071
	-	-	DELCO REMY	2-818	091
	-	-	DELCO REMY	3-407	071
	-	-	DELCO REMY	3-409	075
	-	-	DELCO REMY	3-818	091
	-	-	DELCO REMY	409	075
	-	-	DELCO REMY	818	090
Motores de partida 37MT	-	-	DELCO REMY	2-352	066
	-	-	DELCO REMY	2-360	068
	-	-	DELCO REMY	2-452	079
	-	-	DELCO REMY	2-460	082
	-	-	DELCO REMY	3-452	079
	-	-	DELCO REMY	352	065
	-	-	DELCO REMY	352	066
	-	-	DELCO REMY	353	066
	-	-	DELCO REMY	355	067
	-	-	DELCO REMY	360	068
	-	-	DELCO REMY	450	078
	-	-	DELCO REMY	451	078
	-	-	DELCO REMY	452	078
	-	-	DELCO REMY	452	079
	-	-	DELCO REMY	453	080
	-	-	DELCO REMY	454	080
	-	-	DELCO REMY	455	080
	-	-	DELCO REMY	459	082
	-	-	DELCO REMY	460	082
	-	-	DELCO REMY	463	084
	-	-	DELCO REMY	466	084
	-	-	DELCO REMY	6-408	074
	-	-	DELCO REMY	7-408	074
	-	-	DELCO REMY	351	065
	-	-	DELCO REMY	354	067
	-	-	DELCO REMY	366	070
Motores de partida 38MT	-	-	DELCO REMY	1-407	071
	-	-	DELCO REMY	1-409	075
	-	-	DELCO REMY	1-840	092
	-	-	DELCO REMY	4-409	076
	-	-	DELCO REMY	407	071
	-	-	DELCO REMY	840	092
Motores de partida 39MT	-	-	DELCO REMY	1-841	092
	-	-	DELCO REMY	4-407	072

TABELA DE APLICAÇÃO
APPLICATION CHART

DELCO REMY		de /from	until	M.Part./Starter	ZM	Pag.
Motores de partida 39MT		-	-	DELCO REMY	4-408	073
		-	-	DELCO REMY	5-407	072
		-	-	DELCO REMY	5-408	073
		-	-	DELCO REMY	841	092
Motores de partida 40MT		-	-	DELCO REMY	951	099
Motores de partida 41MT		-	-	DELCO REMY	1-362	069
		-	-	DELCO REMY	353	066
		-	-	DELCO REMY	355	067
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	365	070
		-	-	DELCO REMY	369	070
		-	-	DELCO REMY	464	084
		-	-	DELCO REMY	465	084
		-	-	DELCO REMY	468	085
		-	-	DELCO REMY	6-408	074
		-	-	DELCO REMY	7-408	074
Motores de partida 42MT		-	-	DELCO REMY	1-362	069
		-	-	DELCO REMY	2-356	068
		-	-	DELCO REMY	2-456	081
		-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
		-	-	DELCO REMY	457	081
		-	-	DELCO REMY	458	082
		-	-	DELCO REMY	461	083
		-	-	DELCO REMY	462	083
		-	-	DELCO REMY	357	068
Motores de partida 50MT		-	-	DELCO REMY	950	097
		-	-	DELCO REMY	950	098
		-	-	DELCO REMY	951	099
		-	-	DELCO REMY	1-950	098
		-	-	DELCO REMY	2-950	098
Motores de partida PG150 S		-	-	DELCO REMY	864	096
Motores de partida PG260 D		-	-	DELCO REMY	2-860	093
		-	-	DELCO REMY	5-860	093
		-	-	DELCO REMY	6-860	094
		-	-	DELCO REMY	860	093
Motores de partida PG260 F2		-	-	DELCO REMY	860	093
Motores de partida PG260 G		-	-	DELCO REMY	1-860	093
		-	-	DELCO REMY	860	093

DENSO		de /from	until	M.Part./Starter	ZM	Pag.
PLGR Starter Motor Series		-	-	DENSO	3-705	104
		-	-	DENSO	4-705	104

DETROIT DIESEL		de /from	until	M.Part./Starter	ZM	Pag.
S60		-	-	DELCO REMY	841	092

DEUTZ		de /from	until	M.Part./Starter	ZM	Pag.
BF3L2011		-	-	ISKRA	1-579	128
Caminhão	Agrele com motor F4L 913 4 cilindros	-	-	PRESTOLITE	2-485	176
Colheitadeira	com mtor BF6L 913 6 cilindros	-	-	PRESTOLITE	2-485	176
Cosechadora	with BF6L 913 6 cylinders engine	-	-	PRESTOLITE	2-485	176
D 2807		-	-	BOSCH	543	017
D 3607		-	-	BOSCH	543	017
D2011		-	-	ISKRA	1-579	128
F2M2011		-	-	ISKRA	1-579	128

TABELA DE APLICAÇÃO
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DEUTZ		de /from	until	M.Part./Starter	ZM	Pag.
F3M2011		-	-	ISKRA	1-579	128
F4L2011		-	-	ISKRA	1-579	128
KHD 117	F1 L 410	01/1967	06/1973	BOSCH	742	042
KHD 119	F1 L 411 D	07/1973	12/1975	BOSCH	742	042
KHD 121	F1 L 411 W	07/1973	12/1975	BOSCH	742	042
KHD 124	F2 L 410	01/1967	06/1973	BOSCH	742	042
M 3330	with KHD- F 4L912 engine	01/1992	-	BOSCH	743	042
M 980	with KHD- F 4L912 engine	01/1992	-	BOSCH	743	042
Omnibus	com motor Deutz 913	-	-	PRESTOLITE	1-801	179
	with 913 Deutz engine	-	-	PRESTOLITE	1-801	179
Pick-up	com motor F4L 913 4 cilindros	-	-	PRESTOLITE	2-485	176
	with 4 cylinders F4L 913 engine	-	-	PRESTOLITE	2-485	176
TCD2011 L4		-	-	ISKRA	1-579	128
TD2011		-	-	ISKRA	1-579	128
Tractor	A46	-	-	PRESTOLITE	1-801	179
	A46 with 2114 2 cylinders engine	-	-	PRESTOLITE	2-485	176
	A46S with 2114 2 cylinders engine	-	-	PRESTOLITE	2-485	176
	A65	-	-	PRESTOLITE	1-801	179
	A85 with BF4L 913 4 cylinders engine	-	-	PRESTOLITE	2-485	176
	D47	-	-	PRESTOLITE	1-801	179
	D47F with 2114 2 cylinders engine	-	-	PRESTOLITE	2-485	176
	D47FV with 2114 2 cylinders engine	-	-	PRESTOLITE	2-485	176
	D66	-	-	PRESTOLITE	1-801	179
	D66F with 2114 3 cylinders engine	-	-	PRESTOLITE	2-485	176
	D85	-	-	PRESTOLITE	1-801	179
	with BF6L 913 6 cylinders engine	-	-	PRESTOLITE	2-485	176
Tractor D 8005 (KHD)	F 6L 812	01/1965	12/1966	BOSCH	542	017
Tractor D 9005 (KHD)	F 6L 812D	01/1967	02/1972	BOSCH	542	017
Trator	A46 com motor 2114 2 cilindros	-	-	PRESTOLITE	2-485	176
	A46S com motor 2114 2 cilindros	-	-	PRESTOLITE	2-485	176
	A46V com motor 2114 2 cilindros	-	-	PRESTOLITE	2-485	176
	A65 com motor 2114 3 cilindros	-	-	PRESTOLITE	2-485	176
	A66 com motor BF4L 913 4 cilindros	-	-	PRESTOLITE	2-485	176
	A85 com motor BF4L 913 4 cilindros	-	-	PRESTOLITE	2-485	176
	D47F com motor 2114 2 cilindros	-	-	PRESTOLITE	2-485	176
	D47FV com motor 2114 2 cilindros	-	-	PRESTOLITE	2-485	176
	D66F com motor 2114 3 cilindros	-	-	PRESTOLITE	2-485	176
	com motor BF6L 913 6 cilindros	-	-	PRESTOLITE	2-485	176
Truck	Agrele with F4L 913 4 cylinders engine	-	-	PRESTOLITE	2-485	176
	com motor Deutz 913	-	-	PRESTOLITE	1-801	179
	with 913 Deutz engine	-	-	PRESTOLITE	1-801	179
Truck M90D 7L (KHD)	F 6L 812	07/1964	12/1965	BOSCH	542	017
Welding Machines	2 cil.	-	-	VALEO	492	186
DIECI		de /from	until	M.Part./Starter	ZM	Pag.
Apollo 25.6	Telescopic Handler with Yanmar 4TNV98 engine	-	-	HITACHI	5-981	126
DIMEX		de /from	until	M.Part./Starter	ZM	Pag.
Caminhão	com motor Cummins B 5.9 litros	-	-	PRESTOLITE	1-484	175
Omnibus	with 5.9 liters B Cummins engine	-	-	PRESTOLITE	1-484	175
Truck	with 5.9 liters B Cummins engine	-	-	PRESTOLITE	1-484	175
Ônibus	com motor Cummins B 5.9 litros	-	-	PRESTOLITE	1-484	175
DINA		de /from	until	M.Part./Starter	ZM	Pag.
Picker	Motor Cummins 3.8L Euro III	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
DRESSER		de /from	until	M.Part./Starter	ZM	Pag.
Loaders 510B	with 5.9 liters 6BT Cummins engine	01/1984	12/1992	DELCO REMY	459	082
Loaders 515B	with 5.9 liters 6BT Cummins engine	01/1984	12/1992	DELCO REMY	459	082

TABELA DE APLICAÇÃO
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DRESSER		de /from	until	M.Part./Starter	ZM	Pag.
Loaders 515C	with 5.9 liters 6BT Cummins engine	01/1984	12/1992	DELCO REMY	459	082
Loaders 520	with 5.9 liters 6BT Cummins engine	01/1984	12/1992	DELCO REMY	459	082
Loaders 520B	with 5.9 liters 6BT Cummins engine	01/1984	12/1992	DELCO REMY	459	082
TD-25G		-	-	DELCO REMY	1-950	098
TD-40		-	-	DELCO REMY	1-950	098
DUCATI		de /from	until	M.Part./Starter	ZM	Pag.
RDM901		-	-	MARELLI	651	141
RF/V		-	-	MARELLI	651	141
RF140		-	-	MARELLI	651	141
RM80		-	-	MARELLI	651	141
RW120		-	-	MARELLI	651	141
DYNAPAC		de /from	until	M.Part./Starter	ZM	Pag.
Combi Roller		-	-	ISKRA	1-579	128
Compactador		-	-	ISKRA	1-579	128
Double Drum Vibr. Roller		-	-	ISKRA	1-579	128
F1700W		-	-	ISKRA	1-579	128
EAGLE		de /from	until	M.Part./Starter	ZM	Pag.
Medallion	3.0 L	01/1988	12/1989	MITSUBISHI	795	155
Premier	3.0 L	01/1988	12/1992	MITSUBISHI	795	155
Talon	2.0 L	01/1995	12/1998	BOSCH	477	011
Vision	3.5 L (215) V6	01/1993	12/1996	MITSUBISHI	4-991	165
		01/1993	12/1996	MITSUBISHI	991	164
EATON		de /from	until	M.Part./Starter	ZM	Pag.
Empilhadeira D83C		-	-	WAPSA	501	201
Empilhadeira D83P		-	-	WAPSA	501	201
Empilhadeira D87P		-	-	WAPSA	501	201
Empilhadeira GL-83C		-	-	WAPSA	504	202
Empilhadeira GL-83P		-	-	WAPSA	504	202
Empilhadeira GL-87P		-	-	WAPSA	504	202
Trator Pá-Carregadeira 1900		-	-	WAPSA	501	201
		-	-	WAPSA	506	202
Trator Pá-Carregadeira 250A		-	-	WAPSA	501	201
		-	-	WAPSA	506	202
FAMSA		de /from	until	M.Part./Starter	ZM	Pag.
f 1314 C/B	com motor OM 366 C	01/1985	-	BOSCH	3-571	021
	with OM 366 C engine	01/1985	-	BOSCH	3-571	021
f 1317 C/B	com motor OM 366 A	01/1985	-	BOSCH	3-571	021
	with OM 366 A engine	01/1985	-	BOSCH	3-571	021
f 1321 C/B	com motor OM 366 LA	01/1985	-	BOSCH	3-571	021
	with OM 366 LA engine	01/1985	-	BOSCH	3-571	021
f 1514	com motor OM 366 C	01/1985	-	BOSCH	3-571	021
	with OM 366 C engine	01/1985	-	BOSCH	3-571	021
f 1517	com motor OM 366 A	01/1985	-	BOSCH	3-571	021
	with OM 366 A engine	01/1985	-	BOSCH	3-571	021
f 1521	com motor OM 366 LA	01/1985	-	BOSCH	3-571	021
	with OM 366 LA engine	01/1985	-	BOSCH	3-571	021
FARM TRAC		de /from	until	M.Part./Starter	ZM	Pag.
690 DT	Perkins 4.4 L	-	-	ISKRA	826	129
7100 DT	Perkins 4.4 L	-	-	ISKRA	826	129
7110 DT	Perkins 4.4 L	-	-	ISKRA	826	129
FIAT		de /from	until	M.Part./Starter	ZM	Pag.
100	com motor C 03-36	01/1977	12/1978	BOSCH	546	018
100.90	DT	06/1984	-	MARELLI	654	142
		06/1984	-	MARELLI	655	143
		06/1984	-	MARELLI	654	142
		06/1984	-	MARELLI	655	143

TABELA DE APLICAÇÃO
APPLICATION CHART

FIAT		de /from	until	M.Part./Starter	ZM	Pag.
110.90	DT	12/1986	-	MARELLI	654	142
		12/1986	-	MARELLI	655	143
		12/1986	-	MARELLI	654	142
		12/1986	-	MARELLI	655	143
115.90	DT	01/1984	-	MARELLI	654	142
		01/1984	-	MARELLI	655	143
		01/1984	-	MARELLI	654	142
		01/1984	-	MARELLI	655	143
1180		09/1980	12/1983	MARELLI	654	142
		09/1980	12/1983	MARELLI	655	143
120	com motor 8360	01/1979	12/1986	BOSCH	536	016
		01/1979	12/1986	BOSCH	636	028
		01/1979	12/1986	BOSCH	9-636	028
124	1200 with 124 A.000 engine	02/1973	07/1975	MARELLI	1-650	140
	1400 Special with 124 B2.000 engine	12/1968	12/1972	MARELLI	1-650	140
	1500 Special T	01/1971	07/1975	MARELLI	1-650	140
	1500 Special with 124 B2.000 engine	01/1973	07/1975	MARELLI	1-650	140
	1600 Special T	01/1973	07/1975	MARELLI	1-650	140
	Familiare 1200 with 124 A.000 engine	05/1973	03/1975	MARELLI	1-650	140
	Spider 2000 Europa Volumex with 232R14 engine	06/1983	04/1985	MARELLI	1-650	140
	Spider 2000 Europa with 132 C3.031 engine	03/1982	09/1985	MARELLI	1-650	140
127	1.3 D	07/1982	-	MARELLI	651	141
128	1100	09/1969	12/1984	ISKRA	2-579	128
		03/1969	12/1984	ISKRA	3-579	128
	1300	03/1969	12/1984	ISKRA	2-579	128
		03/1969	12/1984	ISKRA	3-579	128
	with 128A engine	06/1969	12/1984	MARELLI	650	140
1280	DT	04/1981	-	MARELLI	654	142
		04/1981	-	MARELLI	655	143
		04/1981	-	MARELLI	654	142
		04/1981	-	MARELLI	655	143
130	com motor CP 3	11/1975	12/1982	BOSCH	536	016
		12/1974	06/1982	BOSCH	546	018
		11/1975	12/1982	BOSCH	636	028
		11/1975	12/1982	BOSCH	9-636	028
130.90	DT	01/1984	-	MARELLI	654	142
		01/1984	-	MARELLI	655	143
		01/1984	-	MARELLI	654	142
		01/1984	-	MARELLI	655	143
131	1.4 Mirafiori with 131 C.000 engine	11/1980	01/1984	MARELLI	1-650	140
	1.4 Mirafiori with 131 C1.000 engine	11/1980	01/1984	MARELLI	1-650	140
	1.4 Super Mirafiori with 131 C1.000 engine	04/1981	12/1983	MARELLI	1-650	140
	1.6 Super Mirafiori with 131 B1.000 engine	03/1979	03/1982	MARELLI	1-650	140
	1.6 Super with 131 C3.000 engine	03/1978	01/1984	MARELLI	1-650	140
	1.6 with 131 A1.000 engine	10/1974	09/1981	MARELLI	1-650	140
	1.6 with 131 C2.000 engine	11/1976	12/1984	MARELLI	1-650	140
	2.0 Racing with 131 B2.000 engine	06/1978	12/1981	MARELLI	1-650	140
	2.0 Super with 131 C4.000 engine	01/1981	12/1984	MARELLI	1-650	140
	Familiare 1.6 CL with 131 A1.000 engine	03/1975	12/1978	MARELLI	1-650	140
	Familiare 1.6 with 131 C2.000 engine	11/1980	04/1985	MARELLI	1-650	140
	Panorama 1.6 CL with 131 A1.000 engine	03/1975	12/1978	MARELLI	1-650	140
	Panorama 1.6 with 131 C2.000 engine	11/1980	04/1985	MARELLI	1-650	140
132	1.6 with 132 BB OA O engine	04/1972	01/1976	MARELLI	1-650	140
	1.6 with 132 C.000 engine	01/1976	12/1982	MARELLI	1-650	140
	1.6 with 132 C6.000 engine	03/1977	12/1981	MARELLI	1-650	140
	1.7 GLS with 132 B1.000 engine	04/1972	01/1976	MARELLI	1-650	140
	1.7 Special	04/1972	01/1974	MARELLI	1-650	140
	2.0 with 132 C2.000 engine	05/1977	06/1981	MARELLI	1-650	140
	2.0i.e. with 132 C3.000 engine	01/1980	12/1982	MARELLI	1-650	140

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APPLICATION CHART

FIAT		de /from	until	M.Part./Starter	ZM	Pag.
1380	DT	02/1986	-	MARELLI	654	142
		02/1986	-	MARELLI	655	143
		02/1986	-	MARELLI	654	142
		02/1986	-	MARELLI	655	143
140	com motor 8360	01/1978	01/1986	BOSCH	536	016
		01/1978	01/1986	BOSCH	636	028
		01/1978	01/1986	BOSCH	9-636	028
140.90	DT	01/1984	-	MARELLI	654	142
		01/1984	-	MARELLI	655	143
		01/1984	-	MARELLI	654	142
		01/1984	-	MARELLI	655	143
147	C	01/1973	12/1986	BOSCH	878	053
	City	01/1980	12/1986	BOSCH	878	053
	Europa	01/1973	12/1986	BOSCH	878	053
	Fiorino	01/1973	12/1988	BOSCH	878	053
	Fiorino 1.3	09/1981	04/1988	BOSCH	574	022
		09/1981	04/1988	BOSCH	878	053
	Fiorino com motor 1.5	-	06/1988	BOSCH	574	022
	GLS	01/1980	12/1986	BOSCH	878	053
	Oggi	01/1973	12/1986	BOSCH	878	053
	Panorama	01/1973	12/1986	BOSCH	878	053
	Pick-up	01/1973	12/1986	BOSCH	878	053
	Pick-up 1.1	12/1978	08/1981	BOSCH	574	022
	Pick-up 1.3	12/1978	08/1981	BOSCH	878	053
	Pick-up 1300	12/1978	08/1981	BOSCH	574	022
		09/1981	04/1988	BOSCH	878	053
	Pick-up City 1.3	09/1981	06/1988	BOSCH	574	022
	Premio	01/1973	12/1986	BOSCH	878	053
	Rally	01/1980	12/1986	BOSCH	878	053
	Spazio	01/1980	12/1986	BOSCH	878	053
	Spazio Racing	01/1982	12/1984	BOSCH	878	053
	Spazio TR	01/1982	12/1984	BOSCH	878	053
	com motor 1.1	01/1973	12/1986	VALEO	4-495	192
	com motor 1.3	01/1973	12/1986	VALEO	4-495	192
	com motor 127 A	01/1979	12/1979	BOSCH	878	053
1580	DT	07/1981	-	MARELLI	654	142
		07/1981	-	MARELLI	655	143
	DT Turbo	07/1981	-	MARELLI	654	142
		07/1981	-	MARELLI	655	143
	Turbo	07/1981	-	MARELLI	654	142
		07/1981	-	MARELLI	655	143
		07/1981	-	MARELLI	654	142
		07/1981	-	MARELLI	655	143
160.90	DT	01/1984	-	MARELLI	654	142
		01/1984	-	MARELLI	655	143
		01/1984	-	MARELLI	654	142
		01/1984	-	MARELLI	655	143
180.90	DT	01/1984	-	MARELLI	654	142
		01/1984	-	MARELLI	655	143
		01/1984	-	MARELLI	654	142
		01/1984	-	MARELLI	655	143
1880	DT	09/1980	-	MARELLI	654	142
		09/1980	-	MARELLI	655	143
		09/1980	-	MARELLI	654	142
		09/1980	-	MARELLI	655	143
241 TN		07/1974	12/1978	BOSCH	539	017
500	L 1.4	09/2012	-	VALEO	8-495	193
	L 1.4 LPG	02/2014	-	VALEO	8-495	193
		10/2007	-	HITACHI	3-710	119

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APPLICATION CHART

FIAT		de /from	until	M.Part./Starter	ZM	Pag.
500		10/2007	-	MARELLI	9-395	136
		-	-	VALEO	8-495	193
600		01/1950	-	ISKRA	2-579	128
		01/1950	-	ISKRA	3-579	128
70	com motor C 03	01/1976	08/1978	BOSCH	546	018
	com motor C 03-36	01/1977	12/1979	BOSCH	546	018
80	S com motor 8340.05	03/1985	12/1986	BOSCH	536	016
		03/1985	12/1986	BOSCH	636	028
		03/1985	12/1986	BOSCH	9-636	028
	com motor 8340	01/1978	12/1984	BOSCH	536	016
		01/1978	12/1984	BOSCH	636	028
		01/1978	12/1984	BOSCH	9-636	028
85.55		-	04/1986	MARELLI	654	142
		-	04/1986	MARELLI	655	143
850	all models with 100G engine	03/1968	12/1987	MARELLI	652	142
855 C		02/1981	12/1985	MARELLI	654	142
		02/1981	12/1985	MARELLI	655	143
880.5	DT	09/1982	-	MARELLI	654	142
		09/1982	-	MARELLI	655	143
		09/1982	-	MARELLI	654	142
		09/1982	-	MARELLI	655	143
90.90	DT	06/1984	-	MARELLI	654	142
		06/1984	-	MARELLI	655	143
		06/1984	-	MARELLI	654	142
		06/1984	-	MARELLI	655	143
900	E Furgone with 100G engine	01/1971	12/1987	MARELLI	652	142
	T with 100G engine	01/1971	12/1987	MARELLI	652	142
	all models with 100G engine	03/1968	06/1973	MARELLI	652	142
95.55		-	04/1986	MARELLI	654	142
		-	04/1986	MARELLI	655	143
955	C	02/1981	12/1985	MARELLI	654	142
		02/1981	12/1985	MARELLI	655	143
		-	04/1986	MARELLI	654	142
		-	04/1986	MARELLI	655	143
980	DT	09/1980	-	MARELLI	654	142
		09/1980	-	MARELLI	655	143
		09/1980	-	MARELLI	654	142
		09/1980	-	MARELLI	655	143
Albea	1.4	01/2007	-	HITACHI	3-710	119
		01/2007	-	VALEO	8-495	193
Argenta	1600 with 132 C3.000 engine	04/1981	12/1985	MARELLI	1-650	140
	1600i.e.	04/1981	12/1985	MARELLI	1-650	140
	2000 Volumex	06/1968	07/1985	MARELLI	1-650	140
	2000 with 132 C2.000 engine	06/1978	12/1985	MARELLI	1-650	140
	2000 with 132 D1.000 engine	06/1978	12/1985	MARELLI	1-650	140
	2000i.e. with 132 C3.000 engine	06/1981	07/1986	MARELLI	1-650	140
Brava	1.2 16V 80 with 182 B2.000 engine	12/1998	10/2000	MARELLI	3-595	139
		12/1998	10/2000	MARELLI	7-595	140
	1.2 16V 80 with 188 B5.000 engine	10/2000	10/2001	MARELLI	3-595	139
		10/2000	10/2001	MARELLI	7-595	140
	1.6 16V with 182 A4.000 engine	02/1996	10/2001	MARELLI	2-595	139
		02/1996	10/2001	MARELLI	9-595	140
	1.6 16V with 182 A6.000 engine	10/1995	10/2001	MARELLI	2-595	139
		10/1995	10/2001	MARELLI	9-595	140
	1.6i 16V Cambio C513	-	-	MARELLI	6-395	135
	1.8 MPI 16V com motor 183 A1.000	02/2000	-	BOSCH	1-479	012
	1.9 D	09/1995	-	MARELLI	6-651	142
		03/1996	10/2001	BOSCH	1-381	003
Bravo	1.2 16V 80 with 182 B2.000 engine	10/1998	10/2000	MARELLI	3-595	139

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APPLICATION CHART

FIAT		de /from	until	M.Part./Starter	ZM	Pag.
Bravo	1.2 16V 80 with 182 B2.000 engine	10/1998	10/2000	MARELLI	7-595	140
	1.2 16V 80 with 188 B5.000 engine	10/2000	10/2001	MARELLI	3-595	139
		10/2000	10/2001	MARELLI	7-595	140
	1.4	01/2007	12/2010	MARELLI	9-395	136
		04/2007	-	VALEO	8-495	193
	1.6 16V com motor 178 A8.011	06/2000	09/2001	BOSCH	1-479	012
	1.6 16V with 182 A4.000 engine	03/1996	10/2001	MARELLI	2-595	139
		03/1996	10/2001	MARELLI	9-595	140
	1.6 16V with 182 A6.000 engine	10/1995	10/2001	MARELLI	2-595	139
		10/1995	10/2001	MARELLI	9-595	140
	1.6i 16V Cambio C513	-	-	MARELLI	6-395	135
	1.9 D	09/1995	-	MARELLI	6-651	142
		-	-	MITSUBISHI	3-993	166
		04/2007	-	HITACHI	3-710	119
		03/1996	10/2001	BOSCH	1-381	003
		-	-	BOSCH	5-382	007
Cinquecento	1.1 Sporting (Kat.) with Fire engine	04/1995	-	MARELLI	6-595	139
	1.1 Sporting with 176 B2.000 engine	10/1994	01/1998	MARELLI	3-595	139
		10/1994	01/1998	MARELLI	7-595	140
	900	-	-	MARELLI	3-651	141
	900i	-	-	MARELLI	3-651	141
	903	-	-	MARELLI	3-651	141
	903i.e.	-	-	MARELLI	3-651	141
Croma	1.9 D id	05/1989	10/1992	MARELLI	6-651	142
		-	-	MITSUBISHI	3-993	166
	2.0i.e. 16V with 154 E1.000 engine	11/1992	12/1996	BOSCH	1-475	010
	2.0i.e. 16V with 154 E1.027 engine	03/1995	12/1996	BOSCH	1-475	010
	2.0i.e. Turbo with 154 C4.000 engine	11/1992	12/1996	BOSCH	1-475	010
	2.0i.e. Turbo with 154 C4.046 engine	11/1992	12/1996	BOSCH	1-475	010
	2.0i.e. with 154 C3.000 engine	05/1991	12/1996	BOSCH	1-475	010
	2.0i.e. with 154 C3.046 engine	11/1992	12/1996	BOSCH	1-475	010
	2.0i.e. with 834 B.146 engine	11/1992	12/1996	BOSCH	1-475	010
	2.5 D	12/1985	12/1989	MARELLI	6-651	142
	2.5 TD	12/1985	08/1996	MARELLI	6-651	142
Doblò	1.3 JTD 16V Cargo com motor 188 A9.000	05/2004	-	VALEO	1-495	191
	1.3 JTD 16V Cargo with 188 A9.000 engine	05/2004	-	VALEO	1-495	191
	1.3i 16V Fire	-	-	BOSCH	4-381	004
	1.6 MPI 16V com motor 178 D2.011	11/2001	-	BOSCH	1-479	012
	1.9 D	03/2001	-	BOSCH	1-381	003
	1.9 D Cargo	03/2001	-	BOSCH	1-381	003
	1.9 JTD	07/2003	-	BOSCH	1-381	003
	1.9 JTD Cargo	07/2003	-	VALEO	1-495	191
		03/2001	-	BOSCH	1-381	003
		-	-	MITSUBISHI	3-993	166
	EX 1.3i 16V Fire com motor Fire	-	-	BOSCH	1-974	061
	com motor 1.8 16V	-	-	DELCO REMY	6-860	094
	com motor 1.8 8V	-	-	DELCO REMY	6-860	094
		10/2005	-	HITACHI	3-710	119
		-	-	BOSCH	5-382	007
		01/2005	12/2008	MARELLI	9-395	136
		-	-	VALEO	8-495	193
Ducato	1.8L Box with 169 B engine	01/1982	10/1988	VALEO	1-492	187
	10 1.8L	-	-	PRESTOLITE	471	172
	10 1.9L Turbo com motor diesel	01/1988	12/1994	PRESTOLITE	484	174
	10 2.0L	-	-	PRESTOLITE	471	172
	10 2.5 D com motor 8140.67	03/1994	03/1998	BOSCH	977	062
	10 2.5 TD EGR com motor 8140.47	03/1994	03/1998	BOSCH	977	062
	10 2.8 TD, TD EGR com motor 8140.43	04/2000	03/2002	BOSCH	2-479	012
	10 2.8 TD, TD EGR with 8140.43 engine	04/2000	03/2002	BOSCH	2-479	012

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FIAT		de /from	until	M.Part./Starter	ZM	Pag.
Ducato	10 with Peugeot engine	09/1981	12/1990	ISKRA	3-579	128
	13 2.0L	01/1981	12/1986	PRESTOLITE	471	172
	13 with Peugeot engine	09/1981	12/1990	ISKRA	3-579	128
	14 1.9L Turbo com motor diesel	01/1988	01/1994	PRESTOLITE	484	174
	14 2.0L	01/1986	12/1994	PRESTOLITE	471	172
	14 2.5 D com motor 8140.67	03/1994	03/1998	BOSCH	977	062
	14 2.5 TD ECO com motor 8140.47R	03/1994	03/1998	BOSCH	977	062
	14 2.5 TD EGR com motor 8140.47	03/1994	03/1998	BOSCH	977	062
	14 2.5 TD com motor 8140.47	03/1994	03/1998	BOSCH	977	062
	14 2.8 D, TD, TD EGR com motor 8140.63	04/2000	03/2002	BOSCH	2-479	012
	14 2.8 D, TD, TD EGR with 8140.63 engine	04/2000	03/2002	BOSCH	2-479	012
	14 with Peugeot engine	09/1981	12/1990	ISKRA	3-579	128
	18 2.5 D D 4x4 com motor 8140.67	03/1994	03/1998	BOSCH	977	062
	18 2.5 TD ECO com motor 8140.47R	03/1994	03/1998	BOSCH	977	062
	18 2.5 TD com motor 8140.47	03/1994	03/1998	BOSCH	977	062
	18 2.8 TD, TD EGR com motor 8140.43	04/2000	03/2002	BOSCH	2-479	012
	18 2.8 TD, TD EGR with 8140.43 engine	04/2000	03/2002	BOSCH	2-479	012
	2.0 JTD Box with RHV (DW10) engine	04/2002	-	VALEO	599	200
	2.0 JTD Bus with RHV (DW10) engine	04/2002	-	VALEO	599	200
	2.0 JTD Flatbed / Chassis with RHV (DW10) engine	04/2002	-	VALEO	599	200
	2.0L 4x4 Flatbad / Chassis with RFW engine	06/1998	04/2002	BOSCH	376	002
	2.0L Bipower Box	11/2002	-	BOSCH	376	002
	2.0L Bipower Bus	11/2002	-	BOSCH	376	002
	2.0L Box	04/2002	-	BOSCH	376	002
	2.0L Box with RFL engine	04/2002	-	BOSCH	376	002
	2.0L Box with XN 1T engine	01/1982	08/1990	VALEO	1-492	187
	2.0L Box with 170 B engine	07/1985	08/1990	VALEO	1-492	187
	2.0L Box with RFW engine	03/1994	04/2002	BOSCH	376	002
	2.0L Bus with RFL engine	04/2002	-	BOSCH	376	002
	2.0L Flatbad / Chassis with RFW engine	06/1998	04/2002	BOSCH	376	002
	2.0L Panorama / Combinato Bus with RFW engine	03/1994	04/2002	BOSCH	376	002
	2.0L Panorama with 170 B engine	01/1986	08/1990	VALEO	1-492	187
	2.2 D Box	07/2006	-	BOSCH	3-381	004
	2.2 D Bus	07/2006	-	BOSCH	3-381	004
	2.2 D Flatbed	07/2006	-	BOSCH	3-381	004
	2.3 JTD Box	-	-	BOSCH	1-381	003
		04/2002	-	BOSCH	2-381	004
	2.3 JTD Bus	04/2002	-	BOSCH	2-381	004
	2.5 D com motor 8140.67.2200	11/1997	-	BOSCH	977	062
	2.5 D com motor Fiat	01/1994	12/1998	PRESTOLITE	484	174
	2.5 JTD Bus	04/2002	-	BOSCH	2-381	004
	2.5 TD com motor Fiat	01/1994	12/1998	PRESTOLITE	484	174
	2.5L Box JTD	04/2002	-	BOSCH	2-381	004
	2.8 TDi	01/1997	-	MARELLI	3-395	134
	2.8L Turbo Intercooler com motor 8140.23.22.00	10/2000	-	BOSCH	2-479	012
	2.8L Turbo Intercooler with 8140.23.22.00 engine	10/2000	-	BOSCH	2-479	012
	II 14L 2.5 L Turbo com motor diesel	01/1994	-	PRESTOLITE	484	174
	II 14L 2.5 L com motor diesel	01/1994	-	PRESTOLITE	484	174
	II 14M 2.5 L Turbo com motor diesel	01/1994	-	PRESTOLITE	484	174
	II Maxi L 2.5 L Turbo com motor diesel	01/1994	-	PRESTOLITE	484	174
	II Maxi L 2.5 L com motor diesel	01/1994	-	PRESTOLITE	484	174
	II Maxi M 2.5 L Turbo com motor diesel	01/1994	-	PRESTOLITE	484	174
	II Maxi M 2.5 L com motor diesel	01/1994	-	PRESTOLITE	484	174
		-	-	BOSCH	4-382	007
Duna	1.4i (Argentino) com motor 1.4i	03/1996	10/1997	BOSCH	878	053
	1.6i (Argentino) com motor 1.6i	03/1996	10/1997	BOSCH	878	053
	1.7 D Weekend com motor 149 B3.000	10/1986	12/1990	BOSCH	575	022
	1.7 D com motor 149 B3.000	10/1986	12/1990	BOSCH	575	022
	60	10/1986	12/1990	VALEO	4-495	192

TABELA DE APLICAÇÃO
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FIAT		de /from	until	M.Part./Starter	ZM	Pag.
Duna	60 Weekend	10/1986	04/1990	VALEO	4-495	192
	60 Weekend com motor 146 A6.000	10/1986	12/1990	BOSCH	878	053
	60 com motor 146 A6.000	10/1986	12/1990	BOSCH	878	053
	70	10/1986	12/1990	VALEO	4-495	192
	70 Weekend	10/1986	12/1990	VALEO	4-495	192
	70 Weekend com motor 146 A5.000	10/1986	12/1990	BOSCH	878	053
	70 com motor 146 A5.000	10/1986	12/1990	BOSCH	878	053
Elba	1.3 com motor SOHC	10/1985	-	VALEO	4-495	192
	1.5 com motor SOHC	10/1985	-	VALEO	4-495	192
	Mille 1.0 com motor SOHC	10/1985	-	VALEO	4-495	192
	com motor 1.5	10/1985	-	BOSCH	574	022
Fiorino	1.0 SPI Furgão	08/1995	11/1995	BOSCH	974	060
	1.0L Furgão	01/1994	07/1995	BOSCH	878	053
	1.0L Pick-up	01/1994	07/1995	BOSCH	878	053
	1.0L SPI Pick-up	08/1995	11/1995	BOSCH	974	060
	1.3 D	08/1988	-	MARELLI	651	141
	1.3 MPI 8V Flex Furgão	01/2007	-	BOSCH	1-974	061
	1.3 MPI 8V Furgão	02/2003	12/2006	BOSCH	1-974	061
	1.3L Furgão	05/1988	11/1993	BOSCH	878	053
	1.3L Pick-up	05/1988	11/1993	BOSCH	878	053
	1.3L com motor SOHC	10/1985	-	VALEO	4-495	192
	1.5 MPI Furgão	09/1997	06/2002	BOSCH	974	060
	1.5 MPI Pick-up	09/1997	06/2002	BOSCH	974	060
	1.5 SPI Furgão	11/1994	11/1995	BOSCH	878	053
		01/1996	09/1996	BOSCH	974	060
	1.5 SPI Pick-up	11/1994	11/1995	BOSCH	878	053
		01/1996	09/1996	BOSCH	974	060
	1.5L Furgão	12/1988	10/1993	BOSCH	878	053
	1.5L Pick-up	12/1988	10/1993	BOSCH	878	053
	1.5L com motor SOHC	10/1985	-	VALEO	4-495	192
	1.6 MPI Pick-up	10/1995	10/1996	BOSCH	878	053
	1.6 SPI Pick-up	12/1993	12/1994	BOSCH	878	053
	1.6L Pick-up	05/1991	10/1994	BOSCH	878	053
	Mille 1.0 com motor SOHC	10/1985	-	VALEO	4-495	192
		01/2010	-	HITACHI	3-710	119
		02/2003	12/2013	BOSCH	4-381	004
		-	-	VALEO	8-495	193
Idea	1.3 JTD com motor 188 A9.000	01/2004	-	VALEO	1-495	191
	1.3 JTD with 188 A9.000 engine	01/2004	-	VALEO	1-495	191
	1.9 JTD	-	-	MITSUBISHI	3-993	166
	com motor 1.8 16V	-	-	DELCO REMY	6-860	094
	com motor 1.8 8V	-	-	DELCO REMY	6-860	094
		12/2003	-	HITACHI	3-710	119
		01/2004	-	BOSCH	1-381	003
		01/2009	-	BOSCH	2-382	006
		09/2005	07/2010	BOSCH	4-381	004
		-	-	BOSCH	5-382	007
		01/2004	12/2008	MARELLI	9-395	136
		-	-	VALEO	8-495	193
Linea	1.4	06/2007	-	VALEO	8-495	193
	1.4 T-Jet	09/2007	-	VALEO	8-495	193
		06/2007	-	HITACHI	3-710	119
		-	-	BOSCH	5-382	007
Marea	1.2 16V with 182 B2.000 engine	10/1998	-	MARELLI	3-595	139
		10/1998	-	MARELLI	7-595	140
	1.6 100 16V with 182 A4.000 engine	09/1996	-	MARELLI	2-595	139
		09/1996	-	MARELLI	9-595	140
	1.6 16V / Bipower	-	-	MARELLI	6-395	135
	1.6 16V Cambio C513	-	-	MARELLI	6-395	135

TABELA DE APLICAÇÃO
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FIAT		de /from	until	M.Part./Starter	ZM	Pag.
Marea	1.8 MPI 16V com motor 183 A1.000	08/1999	02/2000	BOSCH	1-479	012
	1.8i 16V com motor 183 A1.000	08/1999	-	BOSCH	1-479	012
	1.9 JTD	04/1999	-	BOSCH	1-381	003
		-	-	MITSUBISHI	3-993	166
	1.9 TD	09/1996	-	BOSCH	1-381	003
	2.0 20V com motor 182 A1.000	10/1996	02/1999	BOSCH	1-479	012
	2.0 MPI 20V Turbo com motor 185 A4.011	12/1998	-	BOSCH	1-479	012
	2.4i 20V com motor 183 A1.000	-	-	BOSCH	1-479	012
	Turbo 2.0i 20V com motor 183 A1.000	-	-	BOSCH	1-479	012
	Weekend 1.9 JTD	04/1999	-	BOSCH	1-381	003
	Weekend 1.9 TD	09/1996	-	BOSCH	1-381	003
	Weekend 1.2 16V with 182 B2.000 engine	10/1998	-	MARELLI	3-595	139
		10/1998	-	MARELLI	7-595	140
	Weekend 1.6 100 16V with 182 A4.000 engine	09/1996	-	MARELLI	2-595	139
		09/1996	-	MARELLI	9-595	140
	Weekend 1.8 MPI 16V com motor 183 A1.000	08/1999	02/2000	BOSCH	1-479	012
	Weekend 2.0 MPI 20V Turbo com motor 185 A4.011	12/1988	02/2000	BOSCH	1-479	012
Marengo	1.9 D	01/1986	07/1989	MARELLI	6-651	142
Multipla	1.6 16V	-	-	MARELLI	6-395	135
	1.9 JTD	04/1999	-	BOSCH	1-381	003
		-	-	MITSUBISHI	3-993	166
	Bipower	-	-	MARELLI	6-395	135
	Blupower	-	-	MARELLI	6-395	135
Oggi	1.1 com motor SOHC	01/1973	12/1986	VALEO	4-495	192
	1.3 com motor SOHC	01/1973	12/1986	VALEO	4-495	192
Omnibus	150 Turbo	-	-	PRESTOLITE	1-801	179
Palio	1.0	04/1996	-	MARELLI	4-395	135
	1.0 8V com motor Fire 178	03/2000	-	BOSCH	1-974	061
	1.0 MPI	08/2000	-	BOSCH	4-381	004
	1.0 MPI 16V com motor 178 D8.011	08/2000	-	BOSCH	1-974	061
	1.0 MPI 8V com motor 178 A3.011	06/1996	08/2001	BOSCH	974	060
	1.0 com motor DOHC 16V	08/2000	-	VALEO	3-495	191
	1.0 com motor SOHC 8V	06/1996	01/2003	VALEO	3-495	191
	1.2 com motor 178 E2.000	06/1998	-	MARELLI	4-395	135
	1.2 with 178 E2.000 engine	06/1998	-	MARELLI	4-395	135
	1.3 MPI 16V	03/2000	-	BOSCH	4-381	004
	1.3 MPI 16V com motor 178 D6.011	03/2000	-	BOSCH	1-974	061
	1.3 com motor DOHC 16V	03/2000	-	VALEO	3-495	191
	1.4 CAT com motor 178 B2.016	04/1996	-	MARELLI	4-395	135
	1.4 CAT with 178 B2.016 engine	04/1996	-	MARELLI	4-395	135
	1.4 com motor 178 B2.000	04/1996	-	MARELLI	4-395	135
	1.4 with 178 B2.000 engine	04/1996	-	MARELLI	4-395	135
	1.5	04/1996	06/1998	MARELLI	4-395	135
	1.5 -	-	-	BOSCH	974	060
	1.5 EL Mpi com motor SOHC	07/1996	-	VALEO	3-495	191
	1.5 ELX Mpi com motor SOHC	07/1996	-	VALEO	3-495	191
	1.6 (Argentino)	-	-	BOSCH	974	060
	1.6 16V	03/1997	-	BOSCH	1-479	012
	1.6 16V with 178 B 3.000 engine	04/1996	-	MARELLI	2-595	139
		04/1996	-	MARELLI	9-595	140
	1.6 MPI 16V com motor 178 D2.011	04/2000	02/2002	BOSCH	1-479	012
	100 1.6 16V Cambio C513	-	-	MARELLI	6-395	135
	75 (North Europe) with 1242cc engine	-	-	MARELLI	6-395	135
	Weekend	03/2001	-	BOSCH	1-381	003
	Weekend 1.0	07/1998	-	BOSCH	974	060
	Weekend 1.0 8V com motor Fire 178	03/2000	-	BOSCH	1-974	061
	Weekend 1.0 MPI 16V com motor 178 D8.011	09/2000	-	BOSCH	1-974	061
	Weekend 1.0 com motor DOHC 16V	09/2000	-	VALEO	3-495	191
	Weekend 1.0 com motor SOHC 8V	07/1998	-	VALEO	3-495	191

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APPLICATION CHART

FIAT		de /from	until	M.Part./Starter	ZM	Pag.
Palio	Weekend 1.2 com motor 188 A4.000	02/2001	-	MARELLI	4-395	135
	Weekend 1.2 with 188 A4.000 engine	02/2001	-	MARELLI	4-395	135
	Weekend 1.3 MPI 16V com motor 178 D6.011	03/2000	-	BOSCH	1-974	061
	Weekend 1.5	07/1996	-	BOSCH	974	060
	Weekend 1.5 EX com motor SOHC	07/1996	-	VALEO	3-495	191
	Weekend 1.6 16V	03/1997	-	BOSCH	1-479	012
	Weekend 1.6 16V with 178 B3.000 engine	04/1996	02/2001	MARELLI	2-595	139
		04/1996	02/2001	MARELLI	9-595	140
	Weekend 1.6 MPI 16V com motor 178 D2.011	04/2000	02/2002	BOSCH	1-479	012
	com motor 1.8 16V	-	-	DELCO REMY	6-860	094
	com motor 1.8 8V	-	-	DELCO REMY	6-860	094
		01/2009	-	BOSCH	2-382	006
		-	-	BOSCH	5-382	007
Palio Weekend	1.0 8V Fire	03/2000	-	BOSCH	4-381	004
	1.0 MPI 16V	09/2000	-	BOSCH	4-381	004
	1.3 MPI 16V	03/2000	-	BOSCH	4-381	004
	1.9 D	-	-	MITSUBISHI	3-993	166
	com motor 1.8 16V	-	-	DELCO REMY	6-860	094
	com motor 1.8 8V	-	-	DELCO REMY	6-860	094
Panda	1.0L 4x4 with 141 C2.000 engine	05/1986	12/1994	MARELLI	7-651	142
	1.0L 4x4 with 156 A2.100 engine	01/1986	07/1989	MARELLI	7-651	142
	1.0L 4x4 with 156 A2.246 engine	05/1986	12/1994	MARELLI	7-651	142
	1.0L 4x4 with 156 A3.000 engine	01/1986	12/1992	MARELLI	7-651	142
	1.0L 4x4 with 156 A3.100 engine	01/1986	07/1989	MARELLI	7-651	142
	1.0L Van with 156 A2.100 engine	01/1986	02/1992	MARELLI	7-651	142
	1.0L Van with 156 A3.100 engine	01/1986	02/1992	MARELLI	7-651	142
	1.0ie Van with 156 A2.246 engine	08/1992	-	MARELLI	7-651	142
	1.1	09/2003	-	VALEO	8-495	193
	1.1L 4x4 with 176 B2.000 engine	02/1995	-	MARELLI	7-651	142
	1.1L Trekking 4x4 with 156 C.046 engine	10/1991	-	MARELLI	7-651	142
	1.1L with 156 C.046 engine	05/1991	12/1999	MARELLI	7-651	142
	1.1L with 176 B2.000 engine	02/1995	09/2003	MARELLI	7-651	142
	1.1L with 187 A1.000 engine	02/1995	09/2003	MARELLI	7-651	142
	1.1ie. Cat with 141 C2.000 engine	10/1987	08/1998	MARELLI	7-651	142
	1.1ie. Cat with 156 A2.246 engine	10/1987	08/1998	MARELLI	7-651	142
	1.2	09/2010	-	VALEO	8-495	193
	1.3 D	06/1986	-	MARELLI	651	141
	1.3 D Multijet	06/2012	-	DENSO	3-705	104
	1.3 D Van	06/1986	-	MARELLI	651	141
	1.3 JTD 4x4 com motor 188 A9.000	10/2004	-	VALEO	1-495	191
	1.3 JTD 4x4 with 188 A9.000 engine	10/2004	-	VALEO	1-495	191
	1.3 JTD com motor 188 A9.000	09/2003	-	VALEO	1-495	191
	1.3 JTD with 188 A9.000 engine	09/2003	-	VALEO	1-495	191
	1.4	10/2006	-	VALEO	8-495	193
	750 Van with 141 B.000 engine	01/1986	07/1992	MARELLI	7-651	142
	750 with 141 B.000 engine	01/1986	01/1995	MARELLI	7-651	142
	750 with 156 A4.000 engine	01/1986	01/1995	MARELLI	7-651	142
	900 with 100 GL3.000 engine	10/1980	06/1994	MARELLI	7-651	142
	900 with 146 A.000 engine	10/1980	06/1994	MARELLI	7-651	142
		09/2003	-	HITACHI	3-710	119
		01/2004	12/2008	MARELLI	9-395	136
Panorama	1.1 com motor SOHC	01/1973	12/1986	VALEO	4-495	192
	1.3 com motor SOHC	01/1973	12/1986	VALEO	4-495	192
Pick-up	1.1 com motor SOHC	01/1973	12/1986	VALEO	4-495	192
	1.3 com motor SOHC	01/1973	12/1986	VALEO	4-495	192
Prêmio	1.3 com motor SOHC	10/1985	-	VALEO	4-495	192
	1.5 com motor SOHC	10/1985	-	VALEO	4-495	192
	Mille 1.0 com motor SOHC	10/1985	-	VALEO	4-495	192
	com motor 1.5	10/1985	-	BOSCH	574	022

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FIAT		de /from	until	M.Part./Starter	ZM	Pag.
Punto	1.2	03/2012	-	VALEO	8-495	193
	1.2 16V 80 with 188 A5.000 engine	09/1999	-	MARELLI	3-595	139
		09/1999	-	MARELLI	7-595	140
	1.2 60 with 188 A4.000 engine	09/1999	-	MARELLI	3-595	139
		09/1999	-	MARELLI	7-595	140
	1.3 JTD 16V com motor 188 A9.000	06/2003	-	VALEO	1-495	191
	1.3 JTD 16V with 188 A9.000 engine	06/2003	-	VALEO	1-495	191
	1.4	09/2003	-	VALEO	8-495	193
	1.4 BiFuel	03/2012	-	VALEO	8-495	193
	1.4 GT Turbo with 176 A4.000 engine	01/1994	09/1996	MARELLI	1-595	138
		01/1994	09/1996	MARELLI	4-595	139
	1.4 GT Turbo with 176 B6.000 engine	09/1996	09/1999	MARELLI	1-595	138
		09/1996	09/1999	MARELLI	3-595	139
		09/1996	09/1999	MARELLI	4-595	139
		09/1996	09/1999	MARELLI	7-595	140
	1.4 Multi Air	03/2012	-	VALEO	8-495	193
	1.4 Turbo	03/2012	-	VALEO	8-495	193
	1.9 JTD	-	-	MITSUBISHI	3-993	166
	55 1.1 with 176 A6.000 engine	09/1993	09/1999	MARELLI	3-595	139
		11/1993	-	MARELLI	6-595	139
		09/1993	09/1999	MARELLI	7-595	140
	55 1.1 with 176 A7.000 engine	11/1993	-	MARELLI	6-595	139
	55 1.1 with 176 A8.000 engine	11/1993	-	MARELLI	6-595	139
	55 1.1 with 176 B2.000 engine	09/1993	09/1999	MARELLI	3-595	139
		09/1993	09/1999	MARELLI	7-595	140
	55 1.2 with 176 A6.000 engine	11/1993	-	MARELLI	6-595	139
	55 1.2 with 176 A7.000 engine	11/1993	-	MARELLI	6-595	139
	55 1.2 with 176 A8.000 engine	11/1993	-	MARELLI	6-595	139
	60 1.1 with 176 A6.000 engine	11/1993	-	MARELLI	6-595	139
	60 1.1 with 176 A7.000 engine	11/1993	-	MARELLI	6-595	139
	60 1.1 with 176 A8.000 engine	11/1993	-	MARELLI	6-595	139
	60 1.2 with 176 A6.000 engine	11/1993	-	MARELLI	6-595	139
	60 1.2 with 176 A7.000 engine	01/1994	09/1999	MARELLI	3-595	139
		11/1993	-	MARELLI	6-595	139
		01/1994	09/1999	MARELLI	7-595	140
	60 1.2 with 176 A8.000 engine	11/1993	-	MARELLI	6-595	139
	60 1.2 with 176 B1.000 engine	03/1994	09/1999	MARELLI	3-595	139
		03/1994	09/1999	MARELLI	7-595	140
	60 1.2 with 176 B4.000 engine	03/1994	09/1999	MARELLI	3-595	139
		03/1994	09/1999	MARELLI	7-595	140
	60 Cabrio 1.1 with 176 A6.000 engine	11/1993	-	MARELLI	6-595	139
	60 Cabrio 1.1 with 176 A7.000 engine	11/1993	-	MARELLI	6-595	139
	60 Cabrio 1.1 with 176 A8.000 engine	11/1993	-	MARELLI	6-595	139
	60 Cabrio 1.2 with 176 A6.000 engine	11/1993	-	MARELLI	6-595	139
	60 Cabrio 1.2 with 176 A7.000 engine	11/1993	-	MARELLI	6-595	139
	60 Cabrio 1.2 with 176 A8.000 engine	11/1993	-	MARELLI	6-595	139
	75 1.1 with 176 A6.000 engine	11/1993	-	MARELLI	6-595	139
	75 1.1 with 176 A7.000 engine	11/1993	-	MARELLI	6-595	139
	75 1.1 with 176 A8.000 engine	11/1993	-	MARELLI	6-595	139
	75 1.2 with 176 A6.000 engine	11/1993	-	MARELLI	6-595	139
	75 1.2 with 176 A7.000 engine	11/1993	-	MARELLI	6-595	139
	75 1.2 with 176 A8.000 engine	01/1994	09/1999	MARELLI	3-595	139
		11/1993	-	MARELLI	6-595	139
		01/1994	09/1999	MARELLI	7-595	140
	85 16V 1.2 with 176 B9.000 engine	04/1997	09/1999	MARELLI	3-595	139
		04/1997	09/1999	MARELLI	7-595	140
	90 1.6 with 176 A9.000 engine	01/1994	04/1997	MARELLI	1-595	138
		01/1994	04/1997	MARELLI	4-595	139
	Convertible 60 1.2 with 176 A7.000 engine	04/1994	06/2000	MARELLI	3-595	139
		04/1994	06/2000	MARELLI	7-595	140

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FIAT		de /from	until	M.Part./Starter	ZM	Pag.
Punto	Convertible 60 1.2 with 176 B1.000 engine	05/1995	06/2000	MARELLI	3-595	139
		05/1995	06/2000	MARELLI	7-595	140
	Convertible 60 1.2 with 176 B4.000 engine	05/1995	06/2000	MARELLI	3-595	139
		05/1995	06/2000	MARELLI	7-595	140
	Convertible 85 16V 1.2 with 176 B9.000 engine	04/1997	06/2000	MARELLI	3-595	139
		04/1997	06/2000	MARELLI	7-595	140
	Convertible 90 1.6 with 176 A9.000 engine	04/1994	04/1997	MARELLI	1-595	138
		04/1994	04/1997	MARELLI	4-595	139
	Evo 1.2	10/2009	-	VALEO	8-495	193
	Evo 1.4	03/2009	-	VALEO	8-495	193
	Evo 1.4 16v	10/2009	-	VALEO	8-495	193
	Grande Punto	10/2005	-	HITACHI	3-710	119
		01/2006	12/2010	MARELLI	9-395	136
	Grande Punto 1.3 D Multijet	10/2005	-	VALEO	1-495	191
	II 1.2i 8V	09/1999	01/2002	MARELLI	6-595	139
	Van 1.1 with 176 B2.000 engine	04/1996	02/2000	MARELLI	3-595	139
		04/1996	02/2000	MARELLI	7-595	140
	com motor 1.8 16V	-	-	DELCO REMY	6-860	094
	com motor 1.8 8V	-	-	DELCO REMY	6-860	094
		09/2003	-	HITACHI	3-710	119
		09/1999	-	BOSCH	1-381	003
		01/2009	-	BOSCH	2-382	006
		-	-	BOSCH	5-382	007
		01/2003	12/2006	MARELLI	9-395	136
Qubo	1.4 Natural Power	01/2010	-	VALEO	8-495	193
		01/2010	-	HITACHI	3-710	119
Regata	1.7 D with (1714cc, 1697cc) engine	01/1983	-	MARELLI	651	141
	1.9 D with 149 A1.000 engine	09/1983	-	MARELLI	6-651	142
	100 Super 1.6 with 149 A2.000 engine	-	-	MARELLI	1-650	140
	100 Super 1.6 with 149 A4.000 engine	-	-	MARELLI	1-650	140
	60	05/1985	07/1989	ISKRA	2-579	128
		09/1983	12/1987	ISKRA	3-579	128
		09/1983	07/1989	MARELLI	650	140
	70	09/1983	12/1987	ISKRA	2-579	128
		09/1983	12/1987	ISKRA	3-579	128
		09/1983	-	MARELLI	650	140
	70 1.3 with 138 B2.000 engine	09/1983	07/1986	MARELLI	5-651	141
	70 1.3 with 149 A3.000 engine	09/1983	07/1989	MARELLI	5-651	141
	70 1.3 with 149 A7.000 engine	09/1983	07/1989	MARELLI	5-651	141
	70 Super	09/1983	12/1987	ISKRA	2-579	128
		09/1983	12/1987	ISKRA	3-579	128
	75 1.5 with 138 B3.048 engine	12/1983	12/1987	MARELLI	5-651	141
	75 1.5 with 138 C3.048 engine	12/1983	12/1987	MARELLI	5-651	141
	75 i.e. 1.5 with 138 C2.048 engine	07/1985	07/1989	MARELLI	5-651	141
	75 i.e. 1.5 with 149 C1.000 engine	07/1985	07/1989	MARELLI	5-651	141
	85 1.5 with 149 A5.000 engine	05/1985	12/1987	MARELLI	5-651	141
	85 1.6 with 149 A.000 engine	10/1983	06/1990	MARELLI	5-651	141
	85 Super 1.5 with 138 B3.000 engine	09/1983	04/1985	MARELLI	5-651	141
	Weekend 70 1.3 with 138 B2.000 engine	01/1984	07/1989	MARELLI	5-651	141
Ritmo	1.7 D (My 85) with 149.B3 engine	05/1985	-	MARELLI	651	141
	1.7 D with 138.A engine	10/1979	04/1985	MARELLI	651	141
	60	07/1978	12/1987	ISKRA	2-579	128
		10/1978	12/1987	ISKRA	3-579	128
	60 ES with 138.B engine	10/1982	10/1985	MARELLI	650	140
	65	01/1978	09/1982	ISKRA	2-579	128
		01/1978	09/1982	ISKRA	3-579	128
	70	10/1982	12/1987	ISKRA	2-579	128
		10/1982	12/1987	ISKRA	3-579	128
	70 Super	10/1982	12/1987	ISKRA	2-579	128

TABELA DE APLICAÇÃO
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FIAT		de /from	until	M.Part./Starter	ZM	Pag.
Ritmo	70 Super	10/1982	12/1987	ISKRA	3-579	128
	75	05/1985	12/1987	ISKRA	2-579	128
		05/1985	12/1987	ISKRA	3-579	128
	75 S with 138.AE engine	01/1981	09/1982	MARELLI	650	140
	75 Super	01/1981	09/1982	ISKRA	2-579	128
		01/1981	09/1982	ISKRA	3-579	128
	Bertone Convertible 100 1.6 with 138 AR.048 engine	10/1985	12/1987	MARELLI	1-650	140
	ES	10/1982	10/1985	ISKRA	2-579	128
	I 105 Sport 1.6 with 138 AR.000 engine	05/1981	12/1982	MARELLI	1-650	140
	I 125 TC Abarth 2.0 with 138 AR1.000 engine	11/1981	09/1982	MARELLI	1-650	140
	I 90i.e. 1.6 with 149 C2.000 engine	09/1985	12/1987	MARELLI	1-650	140
	II 100 1.6	01/1983	12/1987	MARELLI	1-650	140
	II 105 1.6 with 138 AR.000 engine	01/1983	12/1987	MARELLI	1-650	140
	II 125 TC Abarth 2.0	12/1982	12/1987	MARELLI	1-650	140
	II 130 TC Abarth 2.0 with 138 AR2.000 engine	04/1983	12/1987	MARELLI	1-650	140
Scudo	1.6 D Multijet	-	-	VALEO	497	194
	1.9 D	-	-	BOSCH	4-382	007
	2.0	-	-	BOSCH	4-382	007
		05/2000	-	MITSUBISHI	5-993	167
	2.0 16V	06/2000	-	MITSUBISHI	5-993	167
	Box 1.9 D with DW8/W3 engine	04/1998	-	VALEO	599	200
	Box 1.9 D with WJZ (DW8) engine	04/1998	-	VALEO	599	200
	Combinato 1.9 D with WJZ (DW8) engine	04/1998	-	VALEO	599	200
	Combunato 1.9 D with DW8/W3 engine	04/1998	-	VALEO	599	200
Siecento	1.1 Sporting Cambio C514	04/1998	-	MARELLI	6-595	139
	1.1 with 176 B2.000 engine	01/1998	-	MARELLI	3-595	139
		01/1998	-	MARELLI	4-395	135
		01/1998	-	MARELLI	7-595	140
	1.1 with 187 A1.000 engine	01/1998	-	MARELLI	3-595	139
		01/1998	-	MARELLI	4-395	135
		01/1998	-	MARELLI	7-595	140
	Van 1.1 with 176 B2.000 engine	01/1998	-	MARELLI	3-595	139
		01/1998	-	MARELLI	7-595	140
Siena	1.0 MPI 16V	03/2000	-	BOSCH	4-381	004
	1.0 MPI 16V com motor 178 D8.011	03/2000	-	BOSCH	1-974	061
	1.0 MPI com motor SOHC 8V	03/2000	-	VALEO	3-495	191
	1.0L	07/1998	-	BOSCH	974	060
	1.0L com motor DOHC 16V	03/2000	-	VALEO	3-495	191
	1.0L com motor SOHC 8V	03/2000	-	VALEO	3-495	191
	1.2L with 178 B5.000 engine	09/1998	-	MARELLI	3-595	139
		09/1998	-	MARELLI	7-595	140
	1.3 MPI 16V	03/2000	-	BOSCH	4-381	004
	1.3 MPI 16V com motor 178 D6.011	03/2000	-	BOSCH	1-974	061
	1.3L com motor DOHC 16V	03/2000	-	VALEO	3-495	191
	1.4	01/2007	-	VALEO	8-495	193
	1.4 CAT with 178 B2.016 engine	04/1996	-	MARELLI	2-595	139
		04/1996	-	MARELLI	9-595	140
	1.4L with 178 B2.000 engine	04/1996	-	MARELLI	2-595	139
		04/1996	-	MARELLI	9-595	140
	1.5L	07/1996	-	BOSCH	974	060
		07/1996	-	VALEO	3-495	191
	1.6 MPI 16V com motor 178 D2.011	04/2000	02/2002	BOSCH	1-479	012
	1.6L 16V Cambio C513	-	-	MARELLI	6-395	135
		01/2007	-	HITACHI	3-710	119
Spazio	1.1 com motor SOHC	01/1973	-	VALEO	4-495	192
	1.3 com motor SOHC	01/1973	-	VALEO	4-495	192
Stilo	1.2 16V	02/2002	-	VALEO	8-495	193
	1.4 16V	01/2004	-	VALEO	8-495	193
	1.9 JTD	10/2001	-	BOSCH	1-381	003

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FIAT		de /from	until	M.Part./Starter	ZM	Pag.
Stilo	1.9 JTD	-	-	MITSUBISHI	3-993	166
	1400 16V	01/2004	12/2007	MARELLI	9-395	136
	Multi Wagon 1.9 JTD	01/2003	-	BOSCH	1-381	003
	com motor 1.8 16V	-	-	DELCO REMY	6-860	094
		10/2001	-	BOSCH	1-381	003
	com motor 1.8 8V	-	-	DELCO REMY	6-860	094
		02/2002	-	HITACHI	3-710	119
Strada	1.0 16V FIRE	03/2000	-	BOSCH	4-381	004
	1.0 8V com motor Fire 178	-	-	BOSCH	1-974	061
	1.3 16V FIRE	01/2009	-	BOSCH	2-382	006
		03/2000	06/2000	BOSCH	4-381	004
	1.5 CE com motor SOHC	07/1996	-	VALEO	3-495	191
	1.5 Spi com motor SOHC	07/1996	-	VALEO	3-495	191
	1.5 Working com motor SOHC	07/1996	-	VALEO	3-495	191
	1.5 com motor SOHC	07/1996	-	VALEO	3-495	191
	1.6 MPI 16V com motor 178 D2.011	03/2002	-	BOSCH	1-479	012
	1.9 JTD	-	-	MITSUBISHI	3-993	166
	com motor 1.3 16V Fire 178	03/2000	06/2000	BOSCH	1-974	061
	com motor 1.5	07/1996	-	BOSCH	974	060
	com motor 1.7 TDS	03/1999	-	BOSCH	479	011
	com motor 1.8 16V	-	-	DELCO REMY	6-860	094
	com motor 1.8 8V	-	-	DELCO REMY	6-860	094
	com motor 1.9D	11/2000	-	BOSCH	479	011
		12/2000	-	BOSCH	1-381	003
		01/2009	-	BOSCH	2-382	006
		-	-	BOSCH	5-382	007
Série 8340	com motor 8340.04 B 205	01/1980	12/1986	BOSCH	536	016
		01/1980	12/1986	BOSCH	636	028
		01/1980	12/1986	BOSCH	9-636	028
	com motor 8340.04 B 300	08/1980	12/1986	BOSCH	536	016
		08/1980	12/1986	BOSCH	636	028
		08/1980	12/1986	BOSCH	9-636	028
Série 8360	com motor 8360.05 B 305	11/1981	06/1985	BOSCH	536	016
		11/1981	06/1985	BOSCH	636	028
		11/1981	06/1985	BOSCH	9-636	028
Talento	1.9 L com motor diesel	01/1988	01/1994	PRESTOLITE	484	174
	Box 2.0 with 170 B engine	03/1989	03/1994	VALEO	1-492	187
	Bus 2.0 with 170 B engine	03/1989	03/1994	VALEO	1-492	187
	Flatbed / Chassis 2.0 with 170 B engine	03/1989	03/1994	VALEO	1-492	187
Tempra	1.4	-	-	MARELLI	3-651	141
	1.4i.e.	-	-	MARELLI	3-651	141
	1.6	-	-	MARELLI	3-651	141
	1.6 with 159 A3.000 engine	03/1990	04/1993	MARELLI	1-595	138
		03/1990	04/1993	MARELLI	4-595	139
	1.6i.e.	-	-	MARELLI	3-651	141
	1.6i.e. with 159 A3.046 engine	06/1990	07/1992	MARELLI	1-595	138
		06/1990	07/1992	MARELLI	4-595	139
	1.6i.e. with 159 A3.048 engine	06/1992	08/1996	MARELLI	1-595	138
		06/1992	08/1996	MARELLI	4-595	139
	1.6i.e. with 159 B9.000 engine	06/1994	08/1996	MARELLI	1-595	138
		06/1994	08/1996	MARELLI	4-595	139
	1.6i.e. with 835 C1.000 engine	06/1992	08/1996	MARELLI	1-595	138
		06/1992	08/1996	MARELLI	4-595	139
	1.9 D	01/1989	-	MARELLI	6-651	142
	16V	-	-	BOSCH	878	053
	2.0 8V com motor 149 E0.11	11/1992	04/1994	BOSCH	878	053
	2.0 MPI 16V com motor 159 B5.011	09/1993	08/1996	BOSCH	878	053
	2.0 MPI 16V com motor 159 B7.011	09/1996	12/1998	BOSCH	574	022
	2.0 SPI 8V com motor 159 B1.011	05/1994	12/1998	BOSCH	574	022

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FIAT		de /from	until	M.Part./Starter	ZM	Pag.
Tempra	2.0 SPI 8V com motor 159 B1.011	05/1994	12/1998	BOSCH	878	053
	2.0 SPI 8V com motor 159 B2.011	05/1994	12/1998	BOSCH	574	022
		05/1994	12/1998	BOSCH	878	053
	2.0 Turbo com motor 2.0	04/1994	-	BOSCH	878	053
	2.0i.e. S.W. com motor 159 A 6.046	03/1992	03/1993	BOSCH	573	021
	SW 1.6 with 159 A3.000 engine	12/1990	04/1993	MARELLI	1-595	138
		12/1990	04/1993	MARELLI	4-595	139
	SW 1.6i.e. with 159 A3.046 engine	10/1990	08/1996	MARELLI	1-595	138
		10/1990	08/1996	MARELLI	4-595	139
	SW 1.6i.e. with 159 A3.048 engine	10/1992	08/1996	MARELLI	1-595	138
		10/1992	08/1996	MARELLI	4-595	139
	SW 1.6i.e. with 159 B9.000 engine	06/1994	08/1996	MARELLI	1-595	138
		06/1994	08/1996	MARELLI	4-595	139
	SW 1.6i.e. with 835 C1.000 engine	10/1990	08/1996	MARELLI	1-595	138
		10/1990	08/1996	MARELLI	4-595	139
	Turbo 2.0 MPI 8V com motor 159 B4.011	11/1994	05/1998	BOSCH	878	053
Tipo	1.1 with 160 A3.000 engine	01/1988	10/1991	MARELLI	7-651	142
	1.4 i.e.	-	-	MARELLI	3-651	141
	1.4L	-	-	MARELLI	3-651	141
		10/2015	-	VALEO	8-495	193
	1.6	-	-	MARELLI	3-651	141
	1.6 i.e.	12/1995	-	BOSCH	878	053
	1.6 with 160 A2.000 engine	01/1988	10/1991	MARELLI	1-595	138
		01/1988	10/1991	MARELLI	4-595	139
	1.6i.e. with 159 A3.046 engine	07/1990	01/1993	MARELLI	1-595	138
		07/1990	01/1993	MARELLI	4-595	139
	1.6i.e. with 159 A3.048 engine	10/1992	04/1995	MARELLI	1-595	138
		10/1992	04/1995	MARELLI	4-595	139
	1.6i.e. with 835 C1.000 engine	10/1992	04/1995	MARELLI	1-595	138
		10/1992	04/1995	MARELLI	4-595	139
	1.7 D with 149.B4 engine	07/1987	-	MARELLI	651	141
	1.8i.e. com motor 835 C2.000	03/1993	10/1995	BOSCH	573	021
	1.9 D	07/1989	-	MARELLI	6-651	142
	2.0	-	-	MARELLI	3-651	141
	2.0i.e. 16V com motor 836 A3.000	03/1993	10/1995	BOSCH	573	021
	2.0i.e. 16V com motor 836 A3.011	03/1993	10/1995	BOSCH	573	021
	2.0i.e. com motor 159 A6.011	03/1993	10/1995	BOSCH	573	021
Tractor	25 H2	01/1985	-	BOSCH	6-640	031
	25 H4	01/1985	-	BOSCH	6-640	031
	25 M2	01/1985	-	BOSCH	6-640	031
	25 M4	01/1985	-	BOSCH	6-640	031
	30 H2	01/1985	-	BOSCH	6-640	031
	30 H4	01/1985	-	BOSCH	6-640	031
	30 M2	01/1985	-	BOSCH	6-640	031
	30 M4	01/1985	-	BOSCH	6-640	031
	404	01/1984	-	BOSCH	6-640	031
	404 DT	01/1984	-	BOSCH	6-640	031
	45.66 DT	01/1985	-	BOSCH	6-640	031
	45.66.2RM DT	01/1985	-	BOSCH	6-640	031
	450	01/1984	-	BOSCH	6-640	031
	450 DAL	01/1984	-	BOSCH	6-640	031
	450 DT	01/1984	-	BOSCH	6-640	031
	455 C Super	01/1984	-	BOSCH	6-640	031
	465 C	06/1982	12/1984	BOSCH	6-640	031
	466	06/1982	12/1984	BOSCH	6-640	031
	466 DT	06/1982	12/1984	BOSCH	6-640	031
	466 DT 4WD	01/1982	01/1984	BOSCH	6-640	031
	470	01/1984	-	BOSCH	6-640	031
	470 DT	01/1984	-	BOSCH	6-640	031

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FIAT		de /from	until	M.Part./Starter	ZM	Pag.
Tractor	470 DTS	01/1984	-	BOSCH	6-640	031
	474	04/1983	12/1984	BOSCH	6-640	031
	480	01/1972	01/1976	BOSCH	6-640	031
	480 DT	01/1976	03/1982	BOSCH	6-640	031
	500	01/1977	-	BOSCH	6-640	031
	500 DT	01/1977	-	BOSCH	6-640	031
	500 DT 4WD	-	01/1973	BOSCH	6-640	031
	505	01/1977	-	BOSCH	6-640	031
	505 C Crawler	01/1973	12/1980	BOSCH	6-640	031
	540 S	01/1977	-	BOSCH	6-640	031
	55.46	01/1985	12/1988	BOSCH	6-640	031
	55.56	01/1989	-	BOSCH	6-640	031
	55.65	10/1984	02/1989	BOSCH	6-640	031
	55.66	09/1984	-	BOSCH	6-640	031
	55.66 DT	09/1984	-	BOSCH	6-640	031
	55.66 DT Vigneto	09/1984	-	BOSCH	6-640	031
	55.66 Frutteto	04/1985	-	BOSCH	6-640	031
	55.66 LP	04/1985	-	BOSCH	6-640	031
	55.66 LP DT	04/1985	-	BOSCH	6-640	031
	55.66 Vigneto	04/1985	-	BOSCH	6-640	031
	55.75	03/1989	-	BOSCH	6-640	031
	55.90	03/1984	06/1989	BOSCH	6-640	031
	565 C	02/1982	12/1984	BOSCH	6-640	031
	566 DT	02/1982	12/1984	BOSCH	6-640	031
	570 DT	12/1977	12/1984	BOSCH	6-640	031
	570 F	12/1977	12/1984	BOSCH	6-640	031
	570 V	12/1977	12/1984	BOSCH	6-640	031
	580 DT	12/1977	02/1984	BOSCH	6-640	031
	580 DT 4WD	12/1977	02/1984	BOSCH	6-640	031
	60.46	09/1987	12/1988	BOSCH	6-640	031
	60.56	01/1989	-	BOSCH	6-640	031
	60.65	09/1984	-	BOSCH	6-640	031
	60.66	09/1984	-	BOSCH	6-640	031
	60.66 DT	09/1984	-	BOSCH	6-640	031
	60.66 LP	09/1984	-	BOSCH	6-640	031
	60.66 LP DT	09/1984	-	BOSCH	6-640	031
	60.75	03/1989	-	BOSCH	6-640	031
	60.90	03/1984	06/1989	BOSCH	6-640	031
	60.90 DT	03/1984	06/1989	BOSCH	6-640	031
	66 Vigneto	01/1985	-	BOSCH	6-640	031
	680	01/1977	-	BOSCH	6-640	031
	BI 20 C	01/1980	12/1987	BOSCH	6-640	031
	BI 25 C	01/1980	12/1987	BOSCH	6-640	031
	BI 30 C	01/1980	12/1987	BOSCH	6-640	031
	BIM 20	01/1972	12/1982	BOSCH	6-640	031
	BIM 25	01/1972	12/1982	BOSCH	6-640	031
	DI 12	01/1971	12/1982	BOSCH	6-640	031
	DI 15	01/1971	12/1982	BOSCH	6-640	031
	DIM 20	01/1971	12/1982	BOSCH	6-640	031
	DIM 25	01/1971	12/1982	BOSCH	6-640	031
	DM 12	01/1971	11/1981	BOSCH	6-640	031
	DM 15	01/1971	11/1981	BOSCH	6-640	031
	R 450	06/1972	09/1980	BOSCH	6-640	031
	R 450 DT	06/1972	09/1980	BOSCH	6-640	031
	S 500 DT	01/1976	03/1982	BOSCH	6-640	031
Tractor F100, F110, F120, F130	DT	02/1986	-	MARELLI	654	142
		02/1986	-	MARELLI	655	143
		02/1986	-	MARELLI	654	142
		02/1986	-	MARELLI	655	143

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FIAT		de /from	until	M.Part./Starter	ZM	Pag.
Ulysse	1.8 with LFW engine	05/1997	08/2002	BOSCH	376	002
	1.9 TD with DHX (XUD9TF/L) engine	02/1995	08/2002	BOSCH	376	002
	2.0	-	-	BOSCH	4-382	007
		08/2002	-	MITSUBISHI	5-993	167
	2.0 16V	09/2000	08/2002	MITSUBISHI	5-993	167
	2.0 16V with RFV engine	05/1998	09/2000	BOSCH	376	002
	2.0 Turbo with RGX (XU10J2CTE) engine	06/1994	08/2002	BOSCH	376	002
	2.0 with RFU (XU10J2C) engine	06/1994	08/2002	BOSCH	376	002
	2.2 JTD	08/2002	-	MITSUBISHI	5-993	167
Uno	1.1 com motor 146 A6.000	01/1988	-	BOSCH	878	053
	1.3 D	03/1986	-	MARELLI	651	141
	1.3 TD with 146 B.000 engine	03/1986	-	MARELLI	651	141
	1.3 Turbo i.e. with 146 A2.000 engine	04/1985	08/1989	MARELLI	1-595	138
		04/1985	08/1989	MARELLI	4-595	139
	1.3 Turbo i.e. with 146 A2.146 engine	01/1987	12/1987	MARELLI	1-595	138
		01/1987	12/1987	MARELLI	4-595	139
	1.3 Turbo i.e. with 146 A2.246 engine	09/1968	03/1991	MARELLI	1-595	138
		09/1968	03/1991	MARELLI	4-595	139
	1.4 Turbo i.e. with 146 A8.000 engine	12/1989	12/1996	MARELLI	1-595	138
		12/1989	12/1996	MARELLI	4-595	139
	1.4 Turbo i.e. with 146 A8.046 engine	09/1989	09/1993	MARELLI	1-595	138
		09/1989	09/1993	MARELLI	4-595	139
	1.4i (Argentino)	03/1996	10/1997	BOSCH	878	053
	1.6 MPI com motor 146 B7.011	10/1994	12/1995	BOSCH	878	053
	1.6i (Argentino)	03/1996	10/1997	BOSCH	878	053
	45 0.9 with 146 A.000 engine	03/1983	09/1992	MARELLI	7-651	142
	45 0.9 with 146 A1.000 engine	03/1983	09/1992	MARELLI	7-651	142
	45 1.0 with 156 A2.048 engine	06/1986	12/1993	MARELLI	3-595	139
		06/1986	12/1993	MARELLI	7-595	140
		06/1986	12/1993	MARELLI	7-651	142
	45 1.0 with 156 A2.100 engine	06/1986	12/1993	MARELLI	3-595	139
		06/1986	12/1993	MARELLI	7-595	140
		06/1986	12/1993	MARELLI	7-651	142
	45i.e. 1.0 with 156 A2.246 engine	04/1984	12/1994	MARELLI	3-595	139
		04/1984	12/1994	MARELLI	7-595	140
		06/1986	12/1993	MARELLI	7-651	142
	50 1.1 with 156 C.046 engine	01/1990	12/1993	MARELLI	7-651	142
	50i.e. 1.1 with 146 C3.000 engine	04/1984	12/1994	MARELLI	7-651	142
	55	01/1983	04/1985	ISKRA	2-579	128
		01/1983	04/1985	ISKRA	3-579	128
	55 with 138 B.000 engine	01/1983	08/1989	MARELLI	650	140
	60	05/1985	08/1989	ISKRA	2-579	128
		05/1985	08/1989	ISKRA	3-579	128
	60 1.1 with 160 A3.000 engine	04/1989	12/1992	MARELLI	7-651	142
	60 with 138 B.000 engine	01/1983	08/1989	MARELLI	650	140
	70	01/1983	08/1989	ISKRA	2-579	128
		01/1983	08/1989	ISKRA	3-579	128
		-	-	MARELLI	3-651	141
	70 S 1.4 with 160 A1.048 engine	09/1989	10/1992	MARELLI	1-595	138
		09/1989	10/1992	MARELLI	4-595	139
	70 SX	01/1983	08/1989	ISKRA	2-579	128
		01/1983	08/1989	ISKRA	3-579	128
	70 SX with 149 A7.000 engine	01/1983	08/1989	MARELLI	650	140
	70 Super with 149 A7.000 engine	01/1983	08/1989	MARELLI	650	140
	70 i.e. 1.4 with 160 A1.046 engine	09/1989	12/1993	MARELLI	1-595	138
		09/1989	12/1993	MARELLI	4-595	139
	70 with 149 A7.000 engine	01/1983	08/1989	MARELLI	650	140
	70i.e.	-	-	MARELLI	3-651	141
	75 i.e. 1.5 with 138 C2.048 engine	10/1985	12/1993	MARELLI	1-595	138
		10/1985	12/1993	MARELLI	4-595	139

TABELA DE APLICAÇÃO
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FIAT		de /from	until	M.Part./Starter	ZM	Pag.
Uno	75 i.e. 1.5 with 149 C1.000 engine	10/1985	12/1993	MARELLI	1-595	138
		10/1985	12/1993	MARELLI	4-595	139
	Furgoneta 1.3 MPI 8V	01/2004	-	BOSCH	4-381	004
	Mille	11/1991	-	BOSCH	878	053
		06/2001	-	BOSCH	4-381	004
	Mille 1.0 SPI com motor 146 A7.011	11/1998	06/2001	BOSCH	974	060
	Mille ELX	11/1991	-	BOSCH	878	053
	Mille ELX com motor SOHC	12/1986	-	VALEO	4-495	192
	Mille EP	11/1991	-	BOSCH	878	053
	Mille EP com motor SOHC	12/1986	-	VALEO	4-495	192
	Mille Economy 1.0	-	-	BOSCH	1-974	061
		01/2010	-	BOSCH	2-974	061
	Mille Electronic	11/1991	-	BOSCH	878	053
	Mille Eletronic com motor SOHC	12/1986	-	VALEO	4-495	192
	Mille com motor SOHC	12/1986	-	VALEO	4-495	192
	com motor 1.5	01/1990	-	BOSCH	574	022
	com motor 1.6	01/1990	-	BOSCH	574	022
		01/2009	-	BOSCH	2-382	006
		06/2001	-	BOSCH	4-381	004
X 1/9	1.3	01/1973	12/1979	ISKRA	2-579	128
		01/1973	12/1979	MARELLI	650	140

FIAT-IVECO		de /from	until	M.Part./Starter	ZM	Pag.
100 EC		09/1972	05/1980	MARELLI	656	143
		09/1972	05/1980	MARELLI	657	143
100 F13		09/1972	12/1982	MARELLI	656	143
		09/1972	12/1982	MARELLI	657	143
100 NC		09/1972	12/1982	MARELLI	656	143
		09/1972	12/1982	MARELLI	657	143
100 NT		09/1972	12/1982	MARELLI	656	143
		09/1972	12/1982	MARELLI	657	143
100 PC		09/1972	12/1982	MARELLI	656	143
		09/1972	12/1982	MARELLI	657	143
100-13		11/1978	-	MARELLI	656	143
		11/1978	-	MARELLI	657	143
109-14		06/1983	-	MARELLI	656	143
		06/1983	-	MARELLI	657	143
110		09/1972	10/1982	MARELLI	656	143
		09/1972	10/1982	MARELLI	657	143
110 NC		09/1972	06/1986	MARELLI	656	143
		09/1972	06/1986	MARELLI	657	143
110 NR		09/1972	06/1986	MARELLI	656	143
		09/1972	06/1986	MARELLI	657	143
110 NT		09/1972	06/1986	MARELLI	656	143
		09/1972	06/1986	MARELLI	657	143
110 PC		09/1972	06/1986	MARELLI	656	143
		09/1972	06/1986	MARELLI	657	143
110-13	A with BF6L913T engine	01/1983	12/1991	BOSCH	731	039
		01/1983	12/1991	BOSCH	734	040
	A with F6L913 engine	01/1983	12/1991	BOSCH	731	039
		01/1983	12/1991	BOSCH	734	040
	AH with BF6L913T engine	01/1983	12/1985	BOSCH	731	039
		01/1983	12/1985	BOSCH	734	040
	AH with F6L913 engine	01/1983	12/1985	BOSCH	731	039
		01/1983	12/1985	BOSCH	734	040
		11/1983	12/1991	BOSCH	647	033
110-14		02/1983	12/1984	MARELLI	656	143
		02/1983	12/1984	MARELLI	657	143
110-16		11/1983	12/1991	BOSCH	647	033
110-17	AW	07/1986	12/1991	BOSCH	732	040

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FIAT-IVECO		de /from	until	M.Part./Starter	ZM	Pag.
115-17		09/1983	-	MARELLI	656	143
		09/1983	-	MARELLI	657	143
115-90		-	-	MARELLI	654	142
		-	-	MARELLI	655	143
120 E 15	com motor 8060.25R 4200	01/1998	-	BOSCH	536	016
		01/1998	-	BOSCH	636	028
		01/1998	-	BOSCH	9-636	028
120-13		11/1983	12/1991	BOSCH	647	033
120-14		02/1983	12/1984	MARELLI	656	143
		02/1983	12/1984	MARELLI	657	143
120-16	ANW	01/1983	-	BOSCH	732	040
120-17	ANW	01/1983	-	BOSCH	732	040
120.13		09/1983	-	MARELLI	656	143
		09/1983	-	MARELLI	657	143
130-13	A with BF6L913T engine	01/1983	12/1991	BOSCH	731	039
		01/1983	12/1991	BOSCH	734	040
	A with F6L913 engine	01/1983	12/1991	BOSCH	731	039
		01/1983	12/1991	BOSCH	734	040
	AH with BF6L913T engine	01/1983	12/1991	BOSCH	731	039
		01/1983	12/1991	BOSCH	734	040
	AH with F6L913 engine	01/1983	12/1991	BOSCH	731	039
		01/1983	12/1991	BOSCH	734	040
		11/1983	12/1991	BOSCH	647	033
130-16		11/1983	12/1991	BOSCH	647	033
135-17		09/1983	-	MARELLI	656	143
		09/1983	-	MARELLI	657	143
150	E 18 com motor 8060.25V 4000	01/1998	-	BOSCH	536	016
		01/1998	-	BOSCH	636	028
		01/1998	-	BOSCH	9-636	028
	E 20 T com motor 8060.25V 4000	01/1998	-	BOSCH	536	016
		01/1998	-	BOSCH	636	028
		01/1998	-	BOSCH	9-636	028
	E 20 com motor 8060.25V 4000	01/1998	-	BOSCH	536	016
		01/1998	-	BOSCH	636	028
		01/1998	-	BOSCH	9-636	028
	T com motor 8060	01/1998	-	BOSCH	536	016
		01/1998	-	BOSCH	636	028
		01/1998	-	BOSCH	9-636	028
	com motor 8060	01/1998	-	BOSCH	536	016
		01/1998	-	BOSCH	636	028
		01/1998	-	BOSCH	9-636	028
150-16	A	01/1983	12/1991	BOSCH	732	040
	ANW	01/1983	12/1991	BOSCH	732	040
160	AK	-	-	BOSCH	732	040
	D12	-	-	BOSCH	732	040
	D15K	-	-	BOSCH	732	040
	D16FL	-	-	BOSCH	732	040
	E 21 com motor 8060.45 4100	01/1998	-	BOSCH	536	016
		01/1998	-	BOSCH	636	028
		01/1998	-	BOSCH	9-636	028
	E 23 T com motor 8060.45 A 4100	01/1998	-	BOSCH	536	016
		01/1998	-	BOSCH	636	028
		01/1998	-	BOSCH	9-636	028
	E 23 com motor 8060.45 5200	11/1999	-	BOSCH	536	016
		11/1999	-	BOSCH	636	028
		11/1999	-	BOSCH	9-636	028
	E 23 com motor 8060.45 A 4100	01/1998	-	BOSCH	536	016
		01/1998	-	BOSCH	636	028
		01/1998	-	BOSCH	9-636	028

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FIAT-IVECO		de /from	until	M.Part./Starter	ZM	Pag.
160	FK	-	-	BOSCH	732	040
	R81	06/1983	12/1986	BOSCH	732	040
160-17	AN	-	-	BOSCH	732	040
	ANW	-	-	BOSCH	732	040
180-90		-	-	MARELLI	654	142
		-	-	MARELLI	655	143
230E24	Intercooler	-	-	BOSCH	1-732	040
28-8		01/1976	12/1980	MARELLI	654	142
		01/1976	12/1980	MARELLI	655	143
30-8		01/1976	12/1980	MARELLI	654	142
		01/1976	12/1980	MARELLI	655	143
314-3		01/1967	01/1983	MARELLI	656	143
		01/1967	01/1983	MARELLI	657	143
315-3		01/1967	01/1983	MARELLI	656	143
		01/1967	01/1983	MARELLI	657	143
315-8-13		05/1978	06/1991	MARELLI	656	143
		05/1978	06/1991	MARELLI	657	143
315-8-17		01/1981	-	MARELLI	656	143
		01/1981	-	MARELLI	657	143
316-13		12/1977	01/1983	MARELLI	656	143
		12/1977	01/1983	MARELLI	657	143
316-8-13		01/1980	-	MARELLI	656	143
		01/1980	-	MARELLI	657	143
32-8		01/1976	12/1980	MARELLI	654	142
		01/1976	12/1980	MARELLI	655	143
35 NC		11/1974	05/1981	BOSCH	539	017
35-8		01/1976	12/1980	MARELLI	654	142
		01/1976	12/1980	MARELLI	655	143
40 NC		01/1973	-	BOSCH	539	017
		09/1972	12/1977	MARELLI	656	143
		09/1972	12/1977	MARELLI	657	143
40 NC 35		01/1973	-	BOSCH	539	017
40-35 OM		01/1973	-	BOSCH	539	017
		09/1972	10/1974	MARELLI	656	143
		09/1972	10/1974	MARELLI	657	143
40-8		01/1976	12/1980	MARELLI	654	142
		01/1976	12/1980	MARELLI	655	143
49 NC		01/1980	-	BOSCH	539	017
50 NC		09/1972	10/1977	MARELLI	656	143
		09/1972	10/1977	MARELLI	657	143
55 NC		09/1972	10/1977	MARELLI	656	143
		09/1972	10/1977	MARELLI	657	143
60-9		11/1983	12/1991	BOSCH	647	033
616		01/1969	12/1977	MARELLI	656	143
		01/1969	12/1977	MARELLI	657	143
616 N 3/4		01/1971	10/1974	MARELLI	656	143
		01/1971	10/1974	MARELLI	657	143
65-14		09/1983	11/1985	MARELLI	656	143
		09/1983	11/1985	MARELLI	657	143
6640 G		-	-	MARELLI	656	143
		-	-	MARELLI	657	143
75 PC		01/1976	12/1982	MARELLI	656	143
		01/1976	12/1982	MARELLI	657	143
75-9	A with BF4L913T engine	01/1983	05/1989	BOSCH	731	039
		01/1983	05/1989	BOSCH	734	040
	A with F4L913 engine	01/1983	05/1989	BOSCH	731	039
		01/1983	05/1989	BOSCH	734	040
	H with F4L913 engine	01/1983	08/1985	BOSCH	731	039

TABELA DE APLICAÇÃO
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FIAT-IVECO		de /from	until	M.Part./Starter	ZM	Pag.
75-9	H with F4L913 engine	01/1983	08/1985	BOSCH	734	040
		11/1983	12/1991	BOSCH	647	033
79 F13		01/1979	12/1982	MARELLI	656	143
		01/1979	12/1982	MARELLI	657	143
79-13		01/1983	06/1988	MARELLI	656	143
		01/1983	06/1988	MARELLI	657	143
7914		01/1983	06/1988	MARELLI	656	143
		01/1983	06/1988	MARELLI	657	143
80 F13		09/1972	12/1982	MARELLI	656	143
		09/1972	12/1982	MARELLI	657	143
80 NC		09/1972	12/1982	MARELLI	656	143
		09/1972	12/1982	MARELLI	657	143
80 NT		09/1972	12/1982	MARELLI	656	143
		09/1972	12/1982	MARELLI	657	143
80 PC		09/1972	12/1982	MARELLI	656	143
		09/1972	12/1982	MARELLI	657	143
80-13	A with BF6L913T engine	01/1983	12/1991	BOSCH	731	039
		01/1983	12/1991	BOSCH	734	040
	A with F6L913 engine	01/1983	12/1991	BOSCH	731	039
		01/1983	12/1991	BOSCH	734	040
	AH with BF6L913T engine	01/1983	12/1991	BOSCH	731	039
		01/1983	12/1991	BOSCH	734	040
	AH with F6L913 engine	01/1983	12/1991	BOSCH	731	039
		01/1983	12/1991	BOSCH	734	040
	AT with BF6L913T engine	01/1983	12/1991	BOSCH	731	039
		01/1983	12/1991	BOSCH	734	040
	AT with F6L913 engine	01/1983	12/1991	BOSCH	731	039
		01/1983	12/1991	BOSCH	734	040
	AW with BF6L913T engine	01/1983	12/1991	BOSCH	731	039
		01/1983	12/1991	BOSCH	734	040
	AW with F6L913 engine	01/1983	12/1991	BOSCH	731	039
		01/1983	12/1991	BOSCH	734	040
		11/1983	12/1991	BOSCH	647	033
80-16		11/1983	12/1991	BOSCH	647	033
80-17 W		12/1982	-	MARELLI	656	143
		12/1982	-	MARELLI	657	143
80-9	A with F4L 913 engine	01/1983	02/1986	BOSCH	731	039
		01/1983	02/1986	BOSCH	734	040
	AH with F4L 913 engine	01/1983	02/1986	BOSCH	731	039
		01/1983	02/1986	BOSCH	734	040
80.16		12/1982	-	MARELLI	656	143
		12/1982	-	MARELLI	657	143
90 F13		09/1972	12/1982	MARELLI	656	143
		09/1972	12/1982	MARELLI	657	143
90 NC		09/1972	12/1982	MARELLI	656	143
		09/1972	12/1982	MARELLI	657	143
90 NT		09/1972	12/1982	MARELLI	656	143
		09/1972	12/1982	MARELLI	657	143
90 PC		01/1976	12/1982	MARELLI	656	143
		01/1976	12/1982	MARELLI	657	143
90-13	A with BF6L913T engine	01/1983	12/1991	BOSCH	731	039
		01/1983	12/1991	BOSCH	734	040
	AH with BF6L913T engine	01/1983	12/1991	BOSCH	731	039
		01/1983	12/1991	BOSCH	734	040
		11/1983	12/1991	BOSCH	647	033
90-17 W		01/1987	-	MARELLI	656	143
		01/1987	-	MARELLI	657	143
90.13		01/1983	01/1985	MARELLI	656	143
		01/1983	01/1985	MARELLI	657	143

TABELA DE APLICAÇÃO
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FIAT-IVECO		de /from	until	M.Part./Starter	ZM	Pag.
95-14		07/1983	05/1991	MARELLI	656	143
		07/1983	05/1991	MARELLI	657	143
A 90-13		01/1983	01/1985	MARELLI	656	143
		01/1983	01/1985	MARELLI	657	143
A30-8		01/1976	12/1980	MARELLI	654	142
		01/1976	12/1980	MARELLI	655	143
A35-8		01/1976	12/1980	MARELLI	654	142
		01/1976	12/1980	MARELLI	655	143
A40-8		01/1976	12/1980	MARELLI	654	142
		01/1976	12/1980	MARELLI	655	143
Caminhão		-	-	BOSCH	1-732	040
Daily	10 com motor 8140	11/1997	-	BOSCH	1-976	062
	12 com motor 8140	11/1999	-	BOSCH	2-479	012
	12 with 8140 engine	11/1997	-	BOSCH	2-479	012
	2.8 Diesel	05/1999	-	BOSCH	3-479	012
	35.10 3.0 Turbo	01/1997	-	MARELLI	3-395	134
	35S14	04/2012	-	BOSCH	3-382	006
	45S17	04/2012	-	BOSCH	3-382	006
	55C17	04/2012	-	BOSCH	3-382	006
	70C17	04/2012	-	BOSCH	3-382	006
		01/2008	-	BOSCH	3-382	006
		-	-	BOSCH	6-381	005
Euro Star		-	-	MITSUBISHI	4-897	162
Euro Trakker		-	-	MITSUBISHI	4-897	162
EuroCargo	3.9 Diesel	01/2000	12/2009	BOSCH	1-732	040
	5.9 Diesel	01/2000	12/2009	BOSCH	1-732	040
		-	-	MITSUBISHI	4-897	162
Eurocargo		-	-	MITSUBISHI	4-897	162
Iveco	Euro Cargo 3920cc	01/1991	12/2012	DELCO REMY	1-428	077
	Euro Star 10300cc	01/1993	12/2002	DELCO REMY	1-428	077
	Euro Star 12880cc	01/1993	12/2002	DELCO REMY	1-428	077
	Euro Tech 10300cc	01/1992	12/2012	DELCO REMY	1-428	077
	Euro Trakker 12880cc	01/2004	12/2012	DELCO REMY	1-428	077
	Strallis 12880cc	01/2002	01/2012	DELCO REMY	1-428	077
	Trakker 12880cc	01/2004	12/2012	DELCO REMY	1-428	077
	Trakker 12882cc	01/1993	12/2004	DELCO REMY	1-428	077
	com motor MWM série 229	-	-	PRESTOLITE	1-483	174
		-	-	PRESTOLITE	483	174
	com motor MWM série X10	-	-	PRESTOLITE	1-483	174
		-	-	PRESTOLITE	483	174
	with 299 series MWM engine	-	-	PRESTOLITE	1-483	174
		-	-	PRESTOLITE	483	174
	with X10 series MWM engine	-	-	PRESTOLITE	1-483	174
		-	-	PRESTOLITE	483	174
Lorraine	170 S, LS, TS	06/1988	09/1988	MARELLI	656	143
		06/1988	09/1988	MARELLI	657	143
M130	D	01/1975	12/1982	BOSCH	732	040
M160	D	01/1975	12/1982	BOSCH	732	040
Truck		-	-	BOSCH	1-732	040
Zeta	109-14 H with 8060.04.689 engine	06/1983	12/1985	BOSCH	1-545	018
		06/1983	12/1985	BOSCH	545	018
	109-14 with 8060.04.689 engine	06/1983	12/1985	BOSCH	1-545	018
		06/1983	12/1985	BOSCH	545	018
	79-13 with 8060.04.060 engine	11/1979	12/1983	BOSCH	1-545	018
		11/1979	12/1983	BOSCH	545	018
	79-13 with 8060.04.660 engine	11/1979	12/1983	BOSCH	1-545	018
		11/1979	12/1983	BOSCH	545	018
	79-14 H with 8060.04.660 engine	01/1983	11/1985	BOSCH	1-545	018
		01/1983	11/1985	BOSCH	545	018

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FIAT-IVECO		de /from	until	M.Part./Starter	ZM	Pag.
Zeta	79-14 V with 8060.04.660 engine	01/1983	11/1985	BOSCH	1-545	018
		01/1983	11/1985	BOSCH	545	018
	79-14 with 8060.04.660 engine	01/1983	11/1985	BOSCH	1-545	018
		01/1983	11/1985	BOSCH	545	018
	95-14 H with 8060.04.669 engine	07/1983	10/1985	BOSCH	1-545	018
		07/1983	10/1985	BOSCH	545	018
	95-14 with 8060.04.669 engine	07/1983	11/1985	BOSCH	1-545	018
		07/1983	11/1985	BOSCH	545	018
FIATALLIS		de /from	until	M.Part./Starter	ZM	Pag.
560		12/1985	-	BOSCH	545	018
		12/1985	-	MARELLI	656	143
		12/1985	-	MARELLI	657	143
645		12/1985	-	BOSCH	545	018
		12/1985	-	MARELLI	656	143
		12/1985	-	MARELLI	657	143
65 B		01/1986	-	BOSCH	545	018
		01/1986	-	MARELLI	656	143
		01/1986	-	MARELLI	657	143
AD 7 B	com motor D 299.6	12/1984	-	BOSCH	548	019
		06/1985	-	BOSCH	550	019
Crawler	FD-20 8215 Diese	-	-	DELCO REMY	2-950	098
	FD-30 8285 Diesel	-	-	DELCO REMY	2-950	098
	FD-7 8065 with diesel engine	01/1986	12/1995	DELCO REMY	460	082
	FD-9 8065 with diesel engine	01/1986	12/1995	DELCO REMY	460	082
	Loader FL-7 8065 with diesel engine	01/1986	12/1993	DELCO REMY	460	082
	Loader FL-7B 8065 with diesel engine	01/1988	12/1995	DELCO REMY	460	082
	Tractor HD-16DP 16000 Allis Dsl.	-	-	DELCO REMY	2-950	098
DI 130 C		09/1988	-	BOSCH	545	018
		09/1988	-	MARELLI	656	143
		09/1988	-	MARELLI	657	143
DI 150 C		09/1988	-	BOSCH	545	018
		09/1988	-	MARELLI	656	143
		09/1988	-	MARELLI	657	143
Excavator	FE-40 8215 Diesel	-	-	DELCO REMY	2-950	098
Excavator FE-18 8065	with diesel engine	01/1986	12/1989	DELCO REMY	460	082
Excavator FE-18LC 8065	with diesel engine	01/1987	12/1989	DELCO REMY	460	082
Excavator FE-18R 8065	with diesel engine	01/1986	12/1989	DELCO REMY	460	082
FA 120	com motor TD 229 EC.9	03/1993	-	BOSCH	550	019
FB 80	com motor D 229-4	01/1992	-	BOSCH	531	014
		01/1992	-	BOSCH	531	015
		01/1992	-	BOSCH	631	027
FD 9	com motor TD 299.6 EC.6	05/1991	-	BOSCH	548	019
FE 12		02/1982	03/1985	BOSCH	539	017
		10/1983	-	BOSCH	545	018
		10/1983	-	MARELLI	656	143
		10/1983	-	MARELLI	657	143
FE 12R		02/1982	03/1985	BOSCH	539	017
		10/1983	-	BOSCH	545	018
		10/1983	-	MARELLI	656	143
		10/1983	-	MARELLI	657	143
FE 14		12/1985	-	BOSCH	545	018
		12/1985	-	MARELLI	656	143
		12/1985	-	MARELLI	657	143
FE 16		12/1985	-	BOSCH	545	018
		12/1985	-	MARELLI	656	143
		12/1985	-	MARELLI	657	143
FE-40		-	-	DELCO REMY	1-950	098

TABELA DE APLICAÇÃO
APPLICATION CHART

FIATALLIS		de /from	until	M.Part./Starter	ZM	Pag.
FG	65	-	-	MARELLI	655	143
FH 200	com motor TD 229 EC.6	03/1992	-	BOSCH	550	019
FL 4C	with 8035.02.265/365 engine	-	04/1986	MARELLI	654	142
		-	04/1986	MARELLI	655	143
		11/1970	07/1978	BOSCH	545	018
		01/1970	07/1978	MARELLI	656	143
		01/1970	07/1978	MARELLI	657	143
FL 4D	with 8035.02.265/365 engine	-	04/1986	MARELLI	654	142
		-	04/1986	MARELLI	655	143
		11/1970	07/1978	BOSCH	545	018
		01/1970	07/1978	MARELLI	656	143
		01/1970	07/1978	MARELLI	657	143
FL-20		-	-	DELCO REMY	1-950	098
FR 10 B	com motor D 299.6	07/1992	-	BOSCH	548	019
FR 12 B	com motor D 299.6	07/1992	-	BOSCH	548	019
FR 120.2	com motor 6CT 8.3	07/1997	-	BOSCH	536	016
		07/1997	-	BOSCH	636	028
		07/1997	-	BOSCH	9-636	028
FR 7		12/1982	03/1986	BOSCH	539	017
		04/1985	-	BOSCH	545	018
		04/1985	-	MARELLI	656	143
		04/1985	-	MARELLI	657	143
FR 9		12/1982	03/1987	BOSCH	545	018
		12/1982	03/1987	MARELLI	656	143
		12/1982	03/1987	MARELLI	657	143
FW 160, 170, 200		-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
Fiat Allis	com motor Cummins 6BT5.9 e embreagem hidráulica	-	-	DELCO REMY	810	088
Grader	FG 170	-	-	DELCO REMY	4-408	073
		-	-	DELCO REMY	5-408	073
	FG 170.2	-	-	DELCO REMY	4-408	073
		-	-	DELCO REMY	5-408	073
	FG 200	-	-	DELCO REMY	4-408	073
		-	-	DELCO REMY	5-408	073
	FG 200.2	-	-	DELCO REMY	4-408	073
		-	-	DELCO REMY	5-408	073
	PG140 com motor Ford 7.5 litros GMA	-	-	DELCO REMY	810	088
	PG160 com motor Ford 7.5 litros GMA	-	-	DELCO REMY	810	088
Grader FG 140.2	com motor Cummins B 4 cilindros	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
	com motor Cummins B 6 cilindros	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
	with 4 cylinders Cummins B engine	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	with 6 cylinders Cummins B engine	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
HD-31		-	-	DELCO REMY	1-950	098
Motoniveladora FG 140.2	com motor Cummins B 4 cilindros	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
	com motor Cummins B 6 cilindros	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
	with 4 cylinders Cummins B engine	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091

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FIATALLIS		de /from	until	M.Part./Starter	ZM	Pag.
Motoniveladora FG 140.2	with 6 cylinders Cummins B engine	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
Pá Carregadeira FG 140.2	com motor Cummins B 4 cilindros	-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	com motor Cummins B 6 cilindros	-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
S 60		01/1970	11/1979	BOSCH	539	017
TL5	with 8035.02.265/365 engine	-	04/1986	MARELLI	654	142
		-	04/1986	MARELLI	655	143
		11/1970	07/1978	BOSCH	545	018
		01/1970	07/1978	MARELLI	656	143
		01/1970	07/1978	MARELLI	657	143
Trator de Esteira	FD170.	-	-	DELCO REMY	4-408	073
		-	-	DELCO REMY	5-408	073

FORD		de /from	until	M.Part./Starter	ZM	Pag.
1722		04/2011	-	BOSCH	3-536	016
		-	-	BOSCH	291	000
1723		01/2012	-	BOSCH	3-536	016
		-	-	BOSCH	291	000
2422		04/2011	01/2012	BOSCH	3-536	016
		-	-	BOSCH	291	000
2423		01/2012	-	BOSCH	3-536	016
		-	-	BOSCH	291	000
2428		04/2011	01/2012	BOSCH	3-536	016
		-	-	BOSCH	291	000
2429		01/2012	-	BOSCH	3-536	016
2622		04/2011	01/2012	BOSCH	3-536	016
		-	-	BOSCH	291	000
2623		01/2012	-	BOSCH	3-536	016
		-	-	BOSCH	291	000
2628		04/2011	01/2012	BOSCH	3-536	016
		-	-	BOSCH	291	000
2629		01/2012	-	BOSCH	3-536	016
		-	-	BOSCH	291	000
7000	with 8.3 liters 504- FD-1460 Cummins engine	01/1992	12/1999	DELCO REMY	1-407	071
		01/1992	12/1999	DELCO REMY	407	071
8000	with 8.3 liters 504- FD-1460 Cummins engine	01/1992	12/1999	DELCO REMY	1-407	071
		01/1992	12/1999	DELCO REMY	407	071
9000	with 8.3 liters 504- FD-1460 Cummins engine	01/1992	12/1999	DELCO REMY	1-407	071
		01/1992	12/1999	DELCO REMY	407	071
B 1618	4x2 Motor MWM 6.10 T	03/1993	09/1998	BOSCH	536	016
		03/1993	09/1998	BOSCH	636	028
		03/1993	09/1998	BOSCH	9-636	028
Belina	II 1.8 com motor UD	11/1989	12/1991	BOSCH	971	057
	II 1.8 com motor UE	11/1989	12/1991	BOSCH	971	057
C-Max		02/2007	09/2010	FORD	1-961	112
		02/2007	-	FORD	961	112
Caminhão		-	-	DELCO REMY	3-407	071
		-	-	SOLENOIDE DE PA	440	207
Capri	II 1.6 with LAC engine	09/1974	12/1977	BOSCH	526	014
		09/1974	12/1977	BOSCH	623	025
	II 1.6 with LCE engine	02/1974	12/1977	BOSCH	526	014
		02/1974	12/1977	BOSCH	623	025
	II 2.3 with YYE engine	02/1974	12/1977	BOSCH	624	025
	II 2.9 with HYF engine	02/1974	12/1977	BOSCH	624	025
	III 1.6 with LCN engine	01/1978	04/1987	BOSCH	526	014
		01/1978	04/1987	BOSCH	623	025
	III 2.3 Super with YYN engine	06/1979	12/1985	BOSCH	624	025
		-	-	BOSCH	675	036

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FORD		de /from	until	M.Part./Starter	ZM	Pag.
Cargo	com motor 7.8 litros	-	-	DELCO REMY	453	080
	com motor Cummins ISB 6 cilindros	-	-	PRESTOLITE	1-482	173
	with ISBe 6 cylinders Cummins engine	-	-	PRESTOLITE	1-482	173
		-	-	DELCO REMY	3-407	071
Cargo 1217	com motor Cummins 6BT 5.9 litros	-	-	PRESTOLITE	1-482	173
	with 6BT 5.9 liters Cummins engine	-	-	PRESTOLITE	1-482	173
Cargo 1218	com motor Ford 6.6 litros	-	-	WAPSA	510	203
Cargo 1415	com motor Ford 6.6 litros	-	-	WAPSA	510	203
Cargo 1416	com motor Cummins B 5.9 litros	-	-	PRESTOLITE	1-484	175
	with B 5.9 liters Cummins engine	-	-	PRESTOLITE	1-484	175
Cargo 1417	com motor Cummins 6BTAA 5.9 litros	-	-	PRESTOLITE	1-482	173
	with 6BTAA 5.9 liters Cummins engine	-	-	PRESTOLITE	1-482	173
Cargo 1418	com motor Ford 6.6 litros	-	-	WAPSA	510	203
Cargo 1421	com motor Cummins 6BTAA 5.9 litros	-	-	PRESTOLITE	1-482	173
	with 6BTAA 5.9 liters Cummins engine	-	-	PRESTOLITE	1-482	173
Cargo 1617	4x2 Motor Cummins 6 BTAA 5.9 litros	-	-	PRESTOLITE	1-482	173
	with 6BTAA 5.9 liters Cummins engine	-	-	PRESTOLITE	1-482	173
Cargo 1618	com motor 6.10	04/1993	-	BOSCH	536	016
		04/1993	-	BOSCH	636	028
		04/1993	-	BOSCH	9-636	028
	com motor Ford 6.6 litros	-	-	WAPSA	510	203
Cargo 1621	com motor Cummins 6BTAA 5.9 litros	-	-	PRESTOLITE	1-482	173
	with 6BTAA 5.9 liters Cummins engine	-	-	PRESTOLITE	1-482	173
Cargo 1622	com motor Cummins 6CTAA 8.3 litros	-	-	DELCO REMY	352	065
		-	-	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
		-	-	PRESTOLITE	486	177
Cargo 1630	com motor Cummins 6CTAA 8.3 litros	-	-	DELCO REMY	352	065
		-	-	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
Cargo 1716	com motor Cummins B 5.9 litros	-	-	PRESTOLITE	1-484	175
	with B 5.9 liters Cummins engine	-	-	PRESTOLITE	1-484	175
Cargo 2218	com motor Ford 6.6 litros	-	-	WAPSA	510	203
Cargo 2324	com motor Cummins TC 7.8 litros	01/1990	09/1991	BOSCH	1-831	049
	with TC 7.8 liters Cummins engine	01/1990	09/1991	BOSCH	1-831	049
Cargo 2422	com motor Cummins 6CTAA 8.3 litros	-	-	DELCO REMY	352	065
		-	-	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
		-	-	PRESTOLITE	486	177
Cargo 2425	com motor Cummins 6CTAA 8.3 litros	-	-	DELCO REMY	352	065
		-	-	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
		-	-	PRESTOLITE	486	177
Cargo 2622	com motor Cummins 6CTAA 8.3 litros	-	-	DELCO REMY	352	065
		-	-	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
Cargo 2626	com motor Cummins 6CTAA 8.3 litros	-	-	DELCO REMY	352	065
		-	-	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
		-	-	SOLENOIDE DE PA	440	207
Cargo 2630	com motor Cummins 6CTAA 8.3 litros	-	-	DELCO REMY	352	065
		-	-	DELCO REMY	352	066
		-	-	DELCO REMY	452	078

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FORD		de /from	until	M.Part./Starter	ZM	Pag.
Cargo 2630	com motor Cummins 6CTAA 8.3 litros	-	-	DELCO REMY	452	079
		-	-	PRESTOLITE	486	177
Cargo 2631	com motor Cummins 6CTAA 8.3 litros	-	-	DELCO REMY	352	065
		-	-	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
Cargo 2632	com motor Cummins eletrônico ISC 6 cilindros 8.3 L.	-	-	DELCO REMY	1-409	075
		-	-	DELCO REMY	4-409	076
	with 6 ISC 8.3 liters Cummins engine.	-	-	DELCO REMY	1-409	075
		-	-	DELCO REMY	4-409	076
Cargo 2932	com motor Cummins eletrônico ISC 6 cilindros 8.3 L.	-	-	DELCO REMY	1-409	075
		-	-	DELCO REMY	4-409	076
	with 6 ISC 8.3 liters Cummins engine.	-	-	DELCO REMY	1-409	075
		-	-	DELCO REMY	4-409	076
Cargo 3222	com motor Cummins 6CTAA 8.3 litros	-	-	DELCO REMY	352	065
		-	-	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
Cargo 3224 ATAC	com motor Cummins TC 7.8 litros	10/1989	05/1992	BOSCH	1-831	049
	with TC 7.8 liters Cummins engine	10/1989	05/1992	BOSCH	1-831	049
Cargo 3240	com motor Cummins 6CTAA 8.3 litros	-	-	DELCO REMY	352	065
		-	-	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
Cargo 4532	com motor Cummins eletrônico ISC 6 cilindros 8.3 L.	-	-	DELCO REMY	1-409	075
		-	-	DELCO REMY	4-409	076
	with 6 ISC 8.3 liters Cummins engine.	-	-	DELCO REMY	1-409	075
		-	-	DELCO REMY	4-409	076
Cargo 5032	com motor Cummins eletrônico ISC 6 cilindros 8.3 L.	-	-	DELCO REMY	1-409	075
		-	-	DELCO REMY	4-409	076
	with 6 ISC 8.3 liters Cummins engine.	-	-	DELCO REMY	1-409	075
		-	-	DELCO REMY	4-409	076
Cargo 814	com motor 4BTAA	06/1996	10/2000	BOSCH	537	016
Cargo 815	com motor 4BTAA	11/2000	-	BOSCH	537	016
Cargo 915	4x2 Motor Cummins 4BTAA 4 cil.	09/2000	12/2006	BOSCH	6-972	058
Cargo C 1215	com motor 6BTAA	04/1992	11/2000	BOSCH	537	016
Cargo C 1216	com motor 6BT	05/1993	-	BOSCH	537	016
Cargo C 1217	com motor 6BTAA	11/2000	-	BOSCH	537	016
		11/1995	12/2002	BOSCH	6-972	058
Cargo C 1317	com motor 6BTAA	01/2003	12/2002	BOSCH	6-972	058
Cargo C 1415	com motor 6BTAA	04/1992	11/2000	BOSCH	537	016
		11/1995	09/2002	BOSCH	6-972	058
Cargo C 1416	com motor 6BT	05/1993	-	BOSCH	537	016
Cargo C 1417	com motor 6BTAA	11/2000	-	BOSCH	537	016
		-	-	BOSCH	6-972	058
Cargo C 1421	com motor 6BTAA	12/1999	-	BOSCH	537	016
		-	-	BOSCH	6-972	058
Cargo C 1422	com motor Cummins 6CTAA 8.3 litros	09/1991	12/2000	BOSCH	1-831	049
	with 6CTAA 8.3 liters Cummins engine	09/1991	12/2000	BOSCH	1-831	049
Cargo C 1517	com motor 6BTAA	-	-	BOSCH	6-972	058
Cargo C 1521	com motor 6BTAA	-	-	BOSCH	6-972	058
Cargo C 1617	com motor 6BTAA	05/1993	-	BOSCH	537	016
		-	-	BOSCH	6-972	058
Cargo C 1621	com motor 6BTAA	12/1999	-	BOSCH	537	016
		-	-	BOSCH	6-972	058
Cargo C 1717	com motor 6BTAA	-	-	BOSCH	6-972	058
Cargo C 1721	com motor 6BTAA	-	-	BOSCH	6-972	058
Cargo C 3224	com motor Cummins 6CTAA 8.3 litros	04/1992	12/1997	BOSCH	1-831	049

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FORD		de /from	until	M.Part./Starter	ZM	Pag.
Cargo C 3224	with 6CTAA 8.3 liters Cummins engine	04/1992	12/1997	BOSCH	1-831	049
Cargo C 3530	com motor Cummins 6CTAA 8.3 litros	11/1991	12/1996	BOSCH	1-831	049
	with 6CTAA 8.3 liters Cummins engine	11/1991	12/1996	BOSCH	1-831	049
Cargo C 4030	com motor Cummins 6CTAA 8.3 litros	07/1995	12/2002	BOSCH	1-831	049
	with 6CTAA 8.3 liters Cummins engine	07/1995	12/2002	BOSCH	1-831	049
Cargo C 815	com motor Cummins 4BT 3.9 litros	-	-	PRESTOLITE	1-482	173
	com motor Cummins 4BTA	11/2000	12/2005	BOSCH	6-972	058
	with 4BT 3.9 liters Cummins engine	-	-	PRESTOLITE	1-482	173
Corcel	I	03/1978	-	BOSCH	567	020
	II	03/1978	-	BOSCH	567	020
	II 1.6	07/1983	12/1986	BOSCH	571	020
Cortina	3.3 TD	01/1974	05/1977	BOSCH	1-372	001
	3.3 TE	06/1977	10/1980	BOSCH	1-372	001
	4.1 TD	01/1974	12/1977	BOSCH	1-372	001
	4.1 TE	06/1977	10/1980	BOSCH	1-372	001
Courier	1.0 L com motor Zetec Rocam	07/1999	-	VALEO	498	194
	1.3i com motor Endura E	07/1997	08/1999	BOSCH	371	000
	1.3i with Endura E engine	07/1997	08/1999	BOSCH	371	000
	1.4i com motor Zetec-S	07/1997	08/1999	BOSCH	1-371	000
	1.4i with Zetec-S engine	07/1997	08/1999	BOSCH	1-371	000
	1.6 L com motor Zetec Rocam	07/1999	-	VALEO	498	194
	1.8 diesel with RTJ engine	11/1995	06/2001	BOSCH	973	059
	1.8 diesel with RTK engine	11/1995	06/2001	BOSCH	973	059
	com motor Zetec Rocam	08/1999	-	FORD	1-761	110
		08/1999	-	FORD	761	109
		08/1999	-	FORD	8-761	110
	com motor diesel 1.8	-	-	PRESTOLITE	3-484	175
	with 1.8 diesel engine	-	-	PRESTOLITE	3-484	175
Crown Victoria	4.6 L (281) V8	01/1996	12/1997	FORD	1-762	110
		01/1998	12/2004	FORD	2-762	111
		01/1996	12/1997	FORD	762	110
		01/1996	12/1997	FORD	8-762	111
Del Rey	1.6	07/1983	12/1989	BOSCH	571	020
	1.8 com motor UD	08/1989	12/1991	BOSCH	971	057
	1.8 com motor UE	08/1989	12/1991	BOSCH	971	057
	com motor CHT	-	-	WAPSA	514	204
E series	Van 4.6 L (281) V8	01/1997	12/2002	FORD	1-762	110
		01/1997	12/2002	FORD	762	110
		01/1997	12/2002	FORD	8-762	111
	Van 5.4 L (330) V8	01/1997	12/2002	FORD	1-762	110
		01/1997	12/2002	FORD	762	110
		01/1997	12/2002	FORD	8-762	111
	Van 6.0 L (363) V8 diesel	01/2001	12/2003	FORD	766	111
	Van 6.8 L (415) V10	01/1997	12/2001	FORD	2-762	111
	Van 6.9 L (420) V8 diesel	01/1985	12/1986	MITSUBISHI	890	158
	Van 7.3 L (445) V8 diesel	01/1988	12/1993	MITSUBISHI	890	158
		01/1994	12/1999	MITSUBISHI	892	159
E350 Series		-	-	MITSUBISHI	892	159
EcoNovan	1.4 with UC engine	12/1986	-	MITSUBISHI	693	148
Ecosport	1.0 L com motor Supercharger	02/2003	-	VALEO	498	194
	1.0 L com motor Zetec Rocam	02/2003	-	VALEO	498	194
	1.6 L com motor Zetec Rocam	02/2003	-	VALEO	498	194
	2.0i 16v	-	-	DELCO REMY	7-860	094
		01/2014	-	VALEO	4-391	184
Edge		01/2013	-	MITSUBISHI	3-795	156
Escape		01/2013	-	MITSUBISHI	3-795	156
Escort	1.1 with GSG engine	01/1986	07/1988	BOSCH	973	059
	1.3	08/1983	12/1986	BOSCH	571	020
	1.3i Turnier with J6A engine					

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FORD		de /from	until	M.Part./Starter	ZM	Pag.
Escort	1.3i Turnier with J6A engine	01/1995	09/2001	BOSCH	973	059
	1.3i with J6A engine	01/1995	09/2001	BOSCH	973	059
	1.4i Cabrio with F4B engine	01/1995	09/2001	BOSCH	973	059
	1.4i Express 55 with F4B engine	01/1995	-	BOSCH	973	059
	1.4i Express 75 with F4B engine	01/1995	-	BOSCH	973	059
	1.4i Turnier with F4B engine	01/1995	09/2001	BOSCH	973	059
	1.6	03/1983	12/1989	BOSCH	571	020
		-	-	PRESTOLITE	471	172
	1.6 L com motor Zetec Rocam	07/1999	-	VALEO	498	194
	1.6 L with AP827 engine	-	-	PRESTOLITE	716	178
	1.6i 16V Cabrio com motor L1K	01/1995	09/2001	BOSCH	371	000
	1.6i 16V Turnier com motor L1K	01/1995	09/2001	BOSCH	371	000
	1.6i 16V XR3 Cabrio com motor RDA	01/1995	09/2001	BOSCH	371	000
	1.6i 16V XR3 Cabrio com motor RKC	01/1995	09/2001	BOSCH	371	000
	1.6i 16V XR3i Cabrio com motor L1K	01/1995	09/2001	BOSCH	371	000
	1.6i 16V com motor L1K	01/1995	09/2001	BOSCH	371	000
	1.6i 16V with L1E engine	09/1992	12/1994	BOSCH	973	059
	1.8 EFI	-	-	MARELLI	395	134
	1.8 L with AP827 engine	-	-	PRESTOLITE	716	178
	1.8 Turbo diesel Cabrio with RFD engine	01/1995	09/2001	BOSCH	973	059
	1.8 Turbo diesel Cabrio with RFK engine	01/1995	09/2001	BOSCH	973	059
	1.8 Turbo diesel Cabrio with RVA engine	01/1995	09/2001	BOSCH	973	059
	1.8 Turbo diesel Express with RVA engine	01/1995	-	BOSCH	973	059
	1.8 Turbo diesel Turnier with RFD engine	01/1995	09/2001	BOSCH	973	059
	1.8 Turbo diesel Turnier with RFKengine	01/1995	09/2001	BOSCH	973	059
	1.8 Turbo diesel Turnier with RVA engine	01/1995	09/2001	BOSCH	973	059
	1.8 Turbo diesel with RFD engine	01/1995	09/2001	BOSCH	973	059
	1.8 Turbo diesel with RFK engine	01/1995	09/2001	BOSCH	973	059
	1.8 Turbo diesel with RVA engine	01/1995	09/2001	BOSCH	973	059
	1.8 com motor Zetec	-	12/1993	PRESTOLITE	2-484	175
	1.8 diesel Express 55 with RTF engine	01/1995	-	BOSCH	973	059
	1.8 diesel Express 75 with RTH engine	01/1995	-	BOSCH	973	059
	1.8 diesel Turnier with RTH engine	01/1995	09/2001	BOSCH	973	059
	1.8 diesel with RTH engine	01/1995	09/2001	BOSCH	973	059
	1.8i 16V Turnier com motor RDA	01/1995	09/2001	BOSCH	371	000
	1.8i 16V Turnier com motor RKC	01/1995	09/2001	BOSCH	371	000
	1.8i 16V XR3 Cabrio with RQB engine	01/1995	09/2001	BOSCH	973	059
	1.8i 16V com motor RDA	01/1995	09/2001	BOSCH	371	000
	1.8i 16V com motor RKC	01/1995	09/2001	BOSCH	371	000
	1.8i 16V com motor Zetec	12/1997	-	BOSCH	371	000
	1.8i com motor Zetec	12/1997	-	BOSCH	371	000
	2.0 com motor Zetec	-	12/1993	PRESTOLITE	2-484	175
	2.0i 16V RS 2000 4x4 with N7A engine	01/1995	08/1996	BOSCH	973	059
	2.0i 16V RS 2000 with N7A engine	01/1995	08/1996	BOSCH	973	059
	Coupe XR3 1.8 L with AP827 engine	-	-	PRESTOLITE	716	178
	Coupe XR3 2.0 L with AP827 engine	-	-	PRESTOLITE	716	178
	Coupe com motor AP827 1.6	-	-	PRESTOLITE	3-482	173
	Coupe com motor AP827 1.8	-	-	PRESTOLITE	3-482	173
	Coupe with AP827 1.6 engine	-	-	PRESTOLITE	3-482	173
	Coupe with AP827 1.8 engine	-	-	PRESTOLITE	3-482	173
	Guarujá	-	-	PRESTOLITE	471	172
	Hobby	-	-	PRESTOLITE	471	172
	II 1.1 with G1 engine	05/1975	08/1980	BOSCH	526	014
	com motor Zetec	-	-	PRESTOLITE	3-484	175
	com motor Zetec 97	-	12/1982	PRESTOLITE	2-484	175
	com motor Zetec Rocam	08/1999	-	FORD	1-761	110
		08/1999	-	FORD	761	109
		08/1999	-	FORD	8-761	110
	com motor a álcool e transmissão automática	-	-	WAPSA	514	204

TABELA DE APLICAÇÃO
APPLICATION CHART

FORD		de /from	until	M.Part./Starter	ZM	Pag.
Escort	com motor diesel 1.8	-	-	PRESTOLITE	3-484	175
	with 1.8 diesel engine	-	-	PRESTOLITE	3-484	175
	with Zetec engine	-	-	PRESTOLITE	3-484	175
Euroline	2.0i com motor NSF	08/1994	07/2000	BOSCH	371	000
	2.0i com motor NSG	08/1994	07/2000	BOSCH	371	000
Excursion	6.0 L (363) V8 diesel	01/2003	12/2005	FORD	766	111
	7.3 L (445) V8 diesel	01/2001	12/2003	FORD	766	111
		01/2000	-	MITSUBISHI	892	159
Expedition	4.6L V8	01/1997	12/1998	FORD	1-762	110
		01/1997	12/1998	FORD	762	110
		01/1997	12/1998	FORD	8-762	111
	5.4L V8	01/1997	12/1998	FORD	1-762	110
		01/1997	12/1998	FORD	762	110
		01/1997	12/1998	FORD	8-762	111
Explorer	4.6 L (281) V8	01/2002	12/2004	FORD	2-762	111
		01/2013	-	MITSUBISHI	3-795	156
F 100	Pick-up	-	-	WAPSA	517	205
	Pick-up 4 cylinders with MWM engine	-	-	PRESTOLITE	803	180
	Pick-up 6 cylinders V8 engine	-	-	PRESTOLITE	821	180
	Pick-up 6 cylinders with MWM engine	-	-	PRESTOLITE	803	180
	Pick-up com motor Cummins B 4 cilindros 3.9 litros	-	-	PRESTOLITE	1-485	176
	Pick-up com motor Deutz 913 4 cilindros	-	-	PRESTOLITE	2-485	176
	Pick-up com motor MWM 6 cilindros	-	-	PRESTOLITE	482	173
	Pick-up com motor MWM série 229	-	-	PRESTOLITE	4-482	174
	Pick-up com motor MWM série X-10	-	-	PRESTOLITE	4-482	174
	Pick-up with 913 Deutz 4 cylinders engine	-	-	PRESTOLITE	2-485	176
	Pick-up with B 4 cylinders 3.9 litros Cummins engine	-	-	PRESTOLITE	1-485	176
	com motor a gasolina	-	12/1975	WAPSA	503	201
		-	-	WAPSA	508	203
F 150	Pick-up com motor Cummins B 4 cilindros 3.9 litros	-	-	PRESTOLITE	1-485	176
	Pick-up com motor Deutz 913 4 cilindros	-	-	PRESTOLITE	2-485	176
	Pick-up com motor MWM série 229	-	-	PRESTOLITE	4-482	174
	Pick-up com motor MWM série X-10	-	-	PRESTOLITE	4-482	174
	Pick-up with 4 cylinders 913 Deutz engine	-	-	PRESTOLITE	2-485	176
	Pick-up with 4 cylinders MWM engine	-	-	PRESTOLITE	803	180
	Pick-up with 6 cylinders MWM engine	-	-	PRESTOLITE	803	180
	Pick-up with 6 cylinders V8 engine	-	-	PRESTOLITE	821	180
	Pick-up with B 4 cylinders 3.9 litros Cummins engine	-	-	PRESTOLITE	1-485	176
F 3500	Pick-up com motor MWM série 229	-	-	PRESTOLITE	4-482	174
	Pick-up com motor MWM série X-10	-	-	PRESTOLITE	4-482	174
	with 6 cylinders MWM engine	-	-	PRESTOLITE	803	180
F 450		-	-	MITSUBISHI	892	159
F 550		-	-	MITSUBISHI	892	159
F 59 Series Truck		-	-	MITSUBISHI	892	159
F 6000	com motor Cummins TCP 7.8 litros	06/1987	03/1992	BOSCH	1-831	049
	with TCP 7.8 liters Cummins engine	06/1987	03/1992	BOSCH	1-831	049
F 650	6.0 L V8 - 365 CID	01/2004	-	DELCO REMY	2-407	071
		01/2004	-	DELCO REMY	3-407	071
		01/2000	-	DELCO REMY	3-818	091
	com motor diesel Cummins ISB 5.9 litros	01/2000	12/2003	DELCO REMY	818	090
	with 5.9 liters Cummins ISB diesel engine	01/2000	12/2003	DELCO REMY	818	090
	with Caterpillar 3126 engine	-	-	PRESTOLITE	486	177
F 75	Pick-up	-	-	WAPSA	517	205
	com motor 4 cilindros	-	-	WAPSA	505	202
		-	-	WAPSA	509	203
F 800	com motor Cummins 504 -FD1460 8.3 litros	01/1992	01/1999	DELCO REMY	1-407	071
		01/1992	01/1999	DELCO REMY	407	071
	com motor Cummins FD-1060 5.9 litros	01/1992	12/1999	DELCO REMY	818	090
	with 5.9 liters FD-1060 Cummins engine					

TABELA DE APLICAÇÃO
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FORD		de /from	until	M.Part./Starter	ZM	Pag.
F 800	with 5.9 liters FD-1060 Cummins engine	01/1992	12/1999	DELCO REMY	818	090
	with 8.3 liters 504- FD-1460 Cummins engine	01/1992	01/1999	DELCO REMY	1-407	071
		01/1992	01/1999	DELCO REMY	407	071
F 900	com motor Cummins 504 -FD1460 8.3 litros	01/1992	01/1999	DELCO REMY	1-407	071
		01/1992	01/1999	DELCO REMY	407	071
	com motor Cummins FD-1060 5.9 litros	01/1992	12/1999	DELCO REMY	818	090
	with 5.9 liters FD-1060 Cummins engine	01/1992	12/1999	DELCO REMY	818	090
	with 8.3 liters 504- FD-1460 Cummins engine	01/1992	01/1999	DELCO REMY	1-407	071
		01/1992	01/1999	DELCO REMY	407	071
F series	Pick-up 4.6 L (281) V8	01/1997	12/1998	FORD	1-762	110
		01/1997	12/1998	FORD	762	110
		01/1997	12/1998	FORD	8-762	111
	Pick-up 5.4 L (330) V8	01/1997	12/1998	FORD	1-762	110
		01/1997	12/1998	FORD	762	110
		01/1997	12/1998	FORD	8-762	111
	Pick-up 6.0 L (363) V8 diesel	01/2001	12/2003	FORD	766	111
		01/2003	12/2006	FORD	766	111
	Pick-up 6.9 L (420) V8 diesel	01/1985	12/1986	MITSUBISHI	890	158
	Pick-up 7.3 L (445) V8 diesel	01/1988	12/1993	MITSUBISHI	890	158
		01/1994	12/1999	MITSUBISHI	892	159
F-1000	HSD com motor Maxin HSD	10/1995	-	BOSCH	975	061
		01/1997	-	VALEO	597	199
	Pick-up com motor Cummins B 4 cilindros 3.9 litros	-	-	PRESTOLITE	1-485	176
	Pick-up com motor MWM série 229	-	-	PRESTOLITE	4-482	174
	Pick-up com motor MWM série X-10	-	-	PRESTOLITE	4-482	174
	Pick-up com motor Maxion HS 4 cilindros	-	-	PRESTOLITE	480	172
	Pick-up com motor Maxion HS4 2.5 litros	-	-	PRESTOLITE	1-485	176
	Pick-up with B 4 cylinders 3.9 litros Cummins engine	-	-	PRESTOLITE	1-485	176
	Pick-up with HS4 2.5 liters Maxion engine	-	-	PRESTOLITE	1-485	176
	com motor 221 CID álcool 6 cilindros	-	-	WAPSA	1-514	204
	com motor 221 EMAX	-	-	PRESTOLITE	821	180
	com motor diesel MWM 4 cilindros	11/1976	-	WAPSA	501	201
	com motor diesel MWM 6 cilindros	11/1976	-	WAPSA	501	201
		10/1995	-	BOSCH	975	061
F-11000	com motor Perkins 6 cilindros	-	-	WAPSA	501	201
		-	-	WAPSA	506	202
	com motor diesel MWM 4 cilindros	-	-	WAPSA	501	201
	com motor diesel MWM 6 cilindros	-	-	WAPSA	501	201
F-12000	com motor Cummins B 5.9 litros 160CV	-	-	DELCO REMY	807	088
	com motor Cummins B Aftercooler 5.9 litros	-	-	PRESTOLITE	1-482	173
	com motor MWM 4.10 T	05/1996	-	BOSCH	531	014
		05/1996	-	BOSCH	531	015
		05/1996	-	BOSCH	631	027
	com motor Perkins 6 cilindros	-	-	WAPSA	501	201
		-	-	WAPSA	506	202
	with B Aftercooler 5.9 litros Cummins engine	-	-	PRESTOLITE	1-482	173
F-13000	4x2 Motor Perkins 6.358	-	-	WAPSA	501	201
		-	-	WAPSA	506	202
F-14000	Pick-up com motor MWM série 229	-	-	PRESTOLITE	4-482	174
	Pick-up com motor MWM série X-10	-	-	PRESTOLITE	4-482	174
	com motor Cummins B 5.9 litros 160CV	-	-	DELCO REMY	807	088
	com motor Cummins B Aftercooler 5.9 litros	-	-	PRESTOLITE	1-482	173
	com motor MWM 4.10 T	05/1996	-	BOSCH	531	014
		05/1996	-	BOSCH	531	015
		05/1996	-	BOSCH	631	027
	with 6 cylinders MWM engine	-	-	PRESTOLITE	803	180
	with B Aftercooler 5.9 litros Cummins engine	-	-	PRESTOLITE	1-482	173
F-16000	com motor Cummins B Aftercooler 5.9 litros	-	-	PRESTOLITE	1-482	173
	with B Aftercooler 5.9 liters Cummins engine	-	-	PRESTOLITE	1-482	173

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FORD		de /from	until	M.Part./Starter	ZM	Pag.
F-2000	com motor diesel MWM 4 cilindros	11/1976	-	WAPSA	501	201
	com motor diesel MWM 6 cilindros	11/1976	-	WAPSA	501	201
F-250	Duty	01/1999	-	BOSCH	735	041
	Pick-up com motor Deutz 913 4 cilindros	-	-	PRESTOLITE	2-485	176
	Pick-up com motor MWM Sprint 6.07TCA 4.2 litros	03/1999	-	BOSCH	3-972	058
		-	-	PRESTOLITE	2-482	173
	Pick-up com motor MWM série 229	-	-	PRESTOLITE	4-482	174
	Pick-up com motor MWM série X-10	-	-	PRESTOLITE	4-482	174
	Pick-up with 4 cylinders 913 Deutz engine	-	-	PRESTOLITE	2-485	176
	Pick-up with 4 cylinders MWM engine	-	-	PRESTOLITE	803	180
	Pick-up with 6 cylinders MWM engine	-	-	PRESTOLITE	803	180
	Pick-up with 6.07TCA Sprint 4.2 liters MWM engiene	03/1999	-	BOSCH	3-972	058
		-	-	PRESTOLITE	2-482	173
	com motor Cummins 4BTAA	11/1998	03/2006	BOSCH	6-972	058
		11/1998	-	BOSCH	735	041
	com motor MWM Sprint 6.07TCA 4.2 litros	-	-	PRESTOLITE	2-482	173
	with 6.07TCA Sprint 4.2 liters MWM engine	-	-	PRESTOLITE	2-482	173
		04/2006	-	BOSCH	6-972	058
		-	-	MITSUBISHI	892	159
F-350	Super Duty with 6.07TCA Sprint 4.2 liters MWM engine	-	-	PRESTOLITE	2-482	173
	com motor Cummins 4BTAA	11/1998	08/2005	BOSCH	6-972	058
	com motor Cummins B 3.9L	09/2005	-	BOSCH	6-972	058
		-	-	PRESTOLITE	4-482	174
	com motor MWM 6.07TCA Sprint 4.2 litros	-	-	PRESTOLITE	2-482	173
	com motor a gasolina	-	12/1975	WAPSA	503	201
		-	-	WAPSA	508	203
		01/1999	-	BOSCH	735	041
		-	-	MITSUBISHI	892	159
F-4000	4x2 Motor 4BT 4 Marchas	06/1996	10/1998	BOSCH	537	016
	Pick-up com motor MWM série 229	-	-	PRESTOLITE	4-482	174
	Pick-up com motor MWM série X-10	-	-	PRESTOLITE	4-482	174
	com motor Cummins 4BTAA	11/1998	08/2005	BOSCH	6-972	058
	com motor Cummins B 3.9L	09/2005	-	BOSCH	6-972	058
		-	-	PRESTOLITE	4-482	174
	com motor MWM 4.10 T	05/1996	-	BOSCH	531	014
		05/1996	-	BOSCH	531	015
		05/1996	-	BOSCH	631	027
	com motor diesel Ford 4 cilindros.	-	-	WAPSA	1-518	206
		-	-	WAPSA	518	205
	com motor diesel MWM 4 cilindros	11/1976	-	WAPSA	501	201
	com motor diesel MWM 6 cilindros	11/1976	-	WAPSA	501	201
	with 6 cylinders MWM engine	-	-	PRESTOLITE	803	180
		01/1999	-	BOSCH	735	041
F-600	com motor Cummins 504 -FD1460 8.3 litros	01/1992	01/1999	DELCO REMY	1-407	071
		01/1992	01/1999	DELCO REMY	407	071
	com motor Cummins FD-1060 5.9 litros	01/1992	12/1999	DELCO REMY	818	090
	com motor a gasolina	-	12/1975	WAPSA	503	201
		-	-	WAPSA	508	203
	with 5.9 liters FD-1060 Cummins engine	01/1992	12/1999	DELCO REMY	818	090
	with 8.3 liters 504- FD-1460 Cummins engine	01/1992	01/1999	DELCO REMY	1-407	071
		01/1992	01/1999	DELCO REMY	407	071
F-700	com motor Cummins 504 -FD1460 8.3 litros	01/1992	01/1999	DELCO REMY	1-407	071
		01/1992	01/1999	DELCO REMY	407	071
	com motor Cummins FD-1060 5.9 litros	01/1992	12/1999	DELCO REMY	818	090
	with 5.9 liters FD-1060 Cummins engine	01/1992	12/1999	DELCO REMY	818	090
	with 8.3 liters 504- FD-1460 Cummins engine	01/1992	01/1999	DELCO REMY	1-407	071
		01/1992	01/1999	DELCO REMY	407	071
F-7000	Pick-up com motor MWM série 229	-	-	PRESTOLITE	4-482	174
	Pick-up com motor MWM série X-10	-	-	PRESTOLITE	4-482	174

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FORD		de /from	until	M.Part./Starter	ZM	Pag.
F-7000	com motor Cummins TCP 7.8 litros	06/1987	03/1992	BOSCH	1-831	049
	com motor Deutz 913 6 cilindros	-	-	PRESTOLITE	2-485	176
	com motor diesel MWM 4 cilindros	11/1976	-	WAPSA	501	201
	com motor diesel MWM 6 cilindros	11/1976	-	WAPSA	501	201
	with 6 cylinders 913 Deutz engine	-	-	PRESTOLITE	2-485	176
	with 6 cylinders MWM engine	-	-	PRESTOLITE	803	180
	with TCP 7.8 liters Cummins engine	06/1987	03/1992	BOSCH	1-831	049
F-750	6.0 L V8 - 365 CID	01/2004	-	DELCO REMY	2-407	071
		01/2004	-	DELCO REMY	3-407	071
		01/2000	-	DELCO REMY	3-818	091
	com motor diesel Cummins ISB 5.9 litros	01/2000	12/2003	DELCO REMY	818	090
	with 5.9 liters Cummins ISB diesel engine	01/2000	12/2003	DELCO REMY	818	090
	with Caterpillar 3116 engine	-	-	PRESTOLITE	486	177
FPV F6 Tornado	4.0 BA II	01/2005	09/2005	BOSCH	1-372	001
	4.0 BF	10/2005	09/2006	BOSCH	1-372	001
FPV F6 Typhoon	4.0 BA II	10/2004	09/2005	BOSCH	1-372	001
	4.0 BF	10/2005	09/2006	BOSCH	1-372	001
Fairlane	3.3 ZA	03/1967	02/1968	BOSCH	1-372	001
	3.3 ZB	03/1968	06/1969	BOSCH	1-372	001
	3.6 ZC	07/1969	10/1970	BOSCH	1-372	001
	3.9 NA	06/1988	09/1989	BOSCH	1-372	001
	3.9 NA II	10/1989	06/1991	BOSCH	1-372	001
	3.9 NC	07/1991	02/1992	BOSCH	1-372	001
	4.0 AU	02/1999	06/2000	BOSCH	1-372	001
	4.0 AU II	07/2000	02/2003	BOSCH	1-372	001
	4.0 BA	07/2003	02/2005	BOSCH	1-372	001
	4.0 BA II	03/2005	09/2005	BOSCH	1-372	001
	4.0 BF	10/2005	-	BOSCH	1-372	001
	4.0 NC II	03/1992	02/1995	BOSCH	1-372	001
	4.0 NF	03/1995	09/1995	BOSCH	1-372	001
	4.0 NF II	10/1995	08/1996	BOSCH	1-372	001
	4.0 NL	09/1996	02/1999	BOSCH	1-372	001
	4.1 ZD	11/1970	03/1972	BOSCH	1-372	001
	4.1 ZF	04/1972	10/1973	BOSCH	1-372	001
	4.1 ZG	11/1973	04/1976	BOSCH	1-372	001
	4.1 ZJ	10/1979	12/1981	BOSCH	1-372	001
	4.1 ZK	01/1982	09/1984	BOSCH	1-372	001
	4.1 ZL	09/1984	05/1988	BOSCH	1-372	001
	with 6 cylinders V8 engine	-	-	PRESTOLITE	821	180
Fairmont	2.3 XK	09/1960	07/1962	BOSCH	1-372	001
	2.3 XL	08/1962	01/1964	BOSCH	1-372	001
	2.3 XM	02/1964	03/1965	BOSCH	1-372	001
	2.3 XP	02/1964	03/1965	BOSCH	1-372	001
	2.4 XK	09/1960	07/1962	BOSCH	1-372	001
	2.4 XL	08/1962	01/1964	BOSCH	1-372	001
	2.4 XM	02/1964	03/1965	BOSCH	1-372	001
	2.4 XP	06/1965	08/1966	BOSCH	1-372	001
	2.8 XL	08/1962	01/1964	BOSCH	1-372	001
	2.8 XM	02/1964	03/1965	BOSCH	1-372	001
	2.8 XP	06/1965	08/1966	BOSCH	1-372	001
	2.8 XR	09/1966	02/1968	BOSCH	1-372	001
	3.1 XT	03/1968	05/1969	BOSCH	1-372	001
	3.1 XW	06/1969	12/1970	BOSCH	1-372	001
	3.2 EA	03/1988	12/1988	BOSCH	1-372	001
	3.3 XA	03/1972	10/1973	BOSCH	1-372	001
	3.3 XB	11/1973	06/1976	BOSCH	1-372	001
	3.3 XC	07/1976	02/1979	BOSCH	1-372	001
	3.3 XD	03/1979	02/1982	BOSCH	1-372	001
	3.3 XE	03/1982	09/1984	BOSCH	1-372	001

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FORD		de /from	until	M.Part./Starter	ZM	Pag.
Fairmont	3.3 XF	09/1984	10/1987	BOSCH	1-372	001
	3.3 XP	06/1965	08/1966	BOSCH	1-372	001
	3.3 XR	09/1966	02/1968	BOSCH	1-372	001
	3.3 XY	01/1971	02/1972	BOSCH	1-372	001
	3.6 XT	03/1968	05/1969	BOSCH	1-372	001
	3.9 EA	03/1988	09/1989	BOSCH	1-372	001
	3.9 EA II	10/1989	06/1991	BOSCH	1-372	001
	3.9 EB	07/1991	02/1992	BOSCH	1-372	001
	4.0 AU	09/1998	03/2000	BOSCH	1-372	001
	4.0 AU II	04/2000	09/2001	BOSCH	1-372	001
	4.0 AU III	04/2001	09/2002	BOSCH	1-372	001
	4.0 BA	10/2002	09/2004	BOSCH	1-372	001
	4.0 BA II	10/2004	09/2005	BOSCH	1-372	001
	4.0 BF	10/2005	09/2006	BOSCH	1-372	001
	4.0 EB II	03/1992	07/1993	BOSCH	1-372	001
	4.0 ED	08/1993	08/1994	BOSCH	1-372	001
	4.0 EF	09/1994	09/1995	BOSCH	1-372	001
	4.0 EF II	10/1995	08/1996	BOSCH	1-372	001
	4.0 EL	09/1996	08/1998	BOSCH	1-372	001
	4.1 XA	03/1972	10/1973	BOSCH	1-372	001
	4.1 XB	11/1973	06/1976	BOSCH	1-372	001
	4.1 XC	07/1976	02/1979	BOSCH	1-372	001
	4.1 XD	03/1979	02/1982	BOSCH	1-372	001
	4.1 XE	03/1982	09/1984	BOSCH	1-372	001
	4.1 XF	09/1984	10/1987	BOSCH	1-372	001
	4.1 XY	01/1971	02/1972	BOSCH	1-372	001
Falcon	2.3 XK	09/1960	07/1962	BOSCH	1-372	001
	2.3 XL	08/1962	01/1964	BOSCH	1-372	001
	2.3 XM	02/1964	03/1965	BOSCH	1-372	001
	2.3 XP	04/1965	08/1966	BOSCH	1-372	001
	2.4 XK	09/1960	07/1962	BOSCH	1-372	001
	2.4 XL	08/1962	01/1964	BOSCH	1-372	001
	2.4 XM	02/1964	03/1965	BOSCH	1-372	001
	2.4 XP	04/1965	08/1966	BOSCH	1-372	001
	2.8 XL	08/1962	01/1964	BOSCH	1-372	001
	2.8 XM	02/1964	03/1965	BOSCH	1-372	001
	2.8 XP	04/1965	08/1966	BOSCH	1-372	001
	2.8 XR	09/1966	02/1968	BOSCH	1-372	001
	3.1 XT	03/1968	05/1969	BOSCH	1-372	001
	3.1 XW	06/1969	12/1970	BOSCH	1-372	001
	3.2 EA	03/1988	12/1988	BOSCH	1-372	001
	3.3 XA	03/1972	10/1973	BOSCH	1-372	001
	3.3 XB	11/1973	06/1976	BOSCH	1-372	001
	3.3 XC	07/1976	02/1979	BOSCH	1-372	001
	3.3 XD	03/1979	02/1982	BOSCH	1-372	001
	3.3 XE	03/1982	09/1984	BOSCH	1-372	001
	3.3 XF	09/1984	10/1987	BOSCH	1-372	001
	3.3 XM	02/1964	03/1965	BOSCH	1-372	001
	3.3 XP	04/1965	08/1966	BOSCH	1-372	001
	3.3 XR	09/1966	02/1968	BOSCH	1-372	001
	3.3 XY	01/1971	02/1972	BOSCH	1-372	001
	3.6 XT	03/1968	05/1969	BOSCH	1-372	001
	3.9 EA	03/1988	09/1989	BOSCH	1-372	001
	3.9 EA II	10/1989	06/1991	BOSCH	1-372	001
	3.9 EB	07/1991	02/1992	BOSCH	1-372	001
	4.0 AU	09/1998	03/2000	BOSCH	1-372	001
	4.0 AU II	04/2000	09/2001	BOSCH	1-372	001
	4.0 AU III	04/2001	09/2002	BOSCH	1-372	001
	4.0 BA	10/2002	09/2004	BOSCH	1-372	001

TABELA DE APLICAÇÃO
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FORD		de /from	until	M.Part./Starter	ZM	Pag.
Falcon	4.0 BA II	10/2004	09/2005	BOSCH	1-372	001
	4.0 BF	10/2005	09/2006	BOSCH	1-372	001
	4.0 EB II	03/1992	07/1993	BOSCH	1-372	001
	4.0 ED	08/1993	08/1994	BOSCH	1-372	001
	4.0 EF	09/1994	09/1995	BOSCH	1-372	001
	4.0 EF II	10/1995	08/1996	BOSCH	1-372	001
	4.0 EL	09/1996	08/1998	BOSCH	1-372	001
	4.1 XA	03/1972	10/1973	BOSCH	1-372	001
	4.1 XB	11/1973	06/1976	BOSCH	1-372	001
	4.1 XC	07/1976	02/1979	BOSCH	1-372	001
	4.1 XD	03/1979	02/1982	BOSCH	1-372	001
	4.1 XE	03/1982	09/1984	BOSCH	1-372	001
	4.1 XF	09/1984	10/1987	BOSCH	1-372	001
	4.1 XY	01/1971	02/1972	BOSCH	1-372	001
	with 6 cylinders engine	-	-	PRESTOLITE	821	180
Falcon Utility	3.3 XF	09/1984	10/1986	BOSCH	1-372	001
	4.0 AU II	04/2000	09/2001	BOSCH	1-372	001
	4.0 AU III	10/2001	09/2002	BOSCH	1-372	001
	4.0 BA	10/2002	09/2004	BOSCH	1-372	001
	4.0 BA II	10/2004	09/2005	BOSCH	1-372	001
	4.0 BF	10/2005	09/2006	BOSCH	1-372	001
	4.0 XG	03/1993	03/1996	BOSCH	1-372	001
	4.0 XH	04/1996	11/1999	BOSCH	1-372	001
	4.1 XF	09/1984	02/1993	BOSCH	1-372	001
Falcon Utility XR6	4.0 AU II	04/2000	09/2001	BOSCH	1-372	001
	4.0 BA	10/2002	09/2004	BOSCH	1-372	001
	4.0 BA II	03/2005	09/2005	BOSCH	1-372	001
	4.0 BF	10/2005	09/2006	BOSCH	1-372	001
	4.0 XG	10/1993	03/1996	BOSCH	1-372	001
Falcon Van	3.3 XF	09/1984	10/1986	BOSCH	1-372	001
	4.0 XG	03/1983	03/1996	BOSCH	1-372	001
	4.0 XH	04/1996	05/1999	BOSCH	1-372	001
	4.1 XF	09/1984	02/1993	BOSCH	1-372	001
Falcon XR6	4.0 AU	09/1998	02/2000	BOSCH	1-372	001
	4.0 AU II	04/2000	03/2001	BOSCH	1-372	001
	4.0 AU III	04/2001	09/2002	BOSCH	1-372	001
	4.0 BA	10/2002	09/2004	BOSCH	1-372	001
	4.0 BA II	10/2004	09/2005	BOSCH	1-372	001
	4.0 BF	10/2005	09/2006	BOSCH	1-372	001
	4.0 EB II	10/1992	07/1993	BOSCH	1-372	001
	4.0 ED	08/1993	07/1994	BOSCH	1-372	001
	4.0 EF	09/1994	09/1995	BOSCH	1-372	001
	4.0 EF II	10/1995	08/1996	BOSCH	1-372	001
	4.0 EL	09/1996	08/1998	BOSCH	1-372	001
Fiesta	0.9L	-	-	MARELLI	395	134
	1.0L	-	-	MARELLI	395	134
	1.0L com motor Zetec Rocam	07/1999	-	VALEO	498	194
	1.0L with TLB engine	03/1989	12/1996	BOSCH	973	059
	1.3L	-	-	MARELLI	395	134
	1.3L Box with J4C engine	02/1996	-	MARELLI	395	134
	1.3L with JBC engine	06/1991	12/1996	BOSCH	973	059
	1.3i with J6C engine	06/1991	12/1996	BOSCH	973	059
	1.4i	04/1996	10/1999	BOSCH	1-371	000
		04/1996	10/1999	FORD	961	112
	1.4i Flair Fun with CVH14/PTE engine	10/1998	10/1999	BOSCH	973	059
	1.6L com motor Zetec Rocam	07/1999	-	VALEO	498	194
	Class 1.6L	-	-	VALEO	498	194
	IV 1.25i 16V with DHA engine	08/1995	01/2002	BOSCH	1-371	000
		08/1995	01/2002	FORD	961	112

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FORD		de /from	until	M.Part./Starter	ZM	Pag.
Fiesta	IV 1.25i 16V with DHB engine	08/1995	01/2002	BOSCH	1-371	000
		08/1995	01/2002	FORD	961	112
	IV 1.25i 16V with DHC engine	08/1995	01/2002	BOSCH	1-371	000
		08/1995	01/2002	FORD	961	112
	IV 1.25i 16V with DHD engine	08/1995	01/2002	BOSCH	1-371	000
		08/1995	01/2002	FORD	961	112
	IV 1.25i 16V with DHE engine	08/1995	01/2002	BOSCH	1-371	000
		08/1995	01/2002	FORD	961	112
	IV 1.25i 16V with DHF engine	08/1995	01/2002	BOSCH	1-371	000
		08/1995	01/2002	FORD	961	112
	IV 1.25i 16V with DHG engine	08/1995	01/2002	BOSCH	1-371	000
		08/1995	01/2002	FORD	961	112
	IV 1.3i with JJA engine	08/1995	01/2002	MARELLI	395	134
	IV 1.3i with JJC engine	08/1995	01/2002	MARELLI	395	134
	IV 1.3i with JJE engine	08/1995	01/2002	MARELLI	395	134
	IV 1.3i with JJJ engine	08/1995	01/2002	MARELLI	395	134
	IV 1.3i with JJK engine	08/1995	01/2002	MARELLI	395	134
	IV 1.3i with JJM engine	08/1995	01/2002	MARELLI	395	134
	IV 1.4i 16V with FHA engine	04/1996	01/2002	BOSCH	1-371	000
		04/1996	01/2002	FORD	961	112
	IV 1.4i 16V with FHE engine	04/1996	01/2002	BOSCH	1-371	000
		04/1996	01/2002	FORD	961	112
	IV 1.6L 16V Sport with L1T engine	02/2000	01/2002	BOSCH	1-371	000
		02/2000	01/2002	FORD	961	112
	IV 1.6L 16V Sport with L1V engine	02/2000	01/2002	BOSCH	1-371	000
		02/2000	01/2002	FORD	961	112
	Sedan com motor Zetec Rocam	08/1999	-	FORD	1-761	110
		08/1999	-	FORD	761	109
		08/1999	-	FORD	8-761	110
	V 1.25 16V with FUJA engine	05/2002	-	BOSCH	1-371	000
		05/2002	-	FORD	961	112
	V 1.25 16V with FUJB engine	05/2002	-	BOSCH	1-371	000
		05/2002	-	FORD	961	112
	V 1.25 16V with M7JA engine	03/2003	-	BOSCH	1-371	000
		03/2003	-	FORD	961	112
	V 1.25 16V with M7JB engine	03/2003	-	BOSCH	1-371	000
		03/2003	-	FORD	961	112
	V 1.3L with A9JA engine	11/2001	-	BOSCH	1-371	000
		11/2001	-	FORD	961	112
	V 1.3L with A9JB engine	11/2001	-	BOSCH	1-371	000
		11/2001	-	FORD	961	112
	V 1.3L with BAJA engine	11/2001	-	BOSCH	1-371	000
		11/2001	-	FORD	961	112
	V 1.4L 16V with FXJA engine	11/2001	-	BOSCH	1-371	000
		11/2001	-	FORD	961	112
	V 1.4L 16V with FXJB engine	11/2001	-	BOSCH	1-371	000
		11/2001	-	FORD	961	112
	V 1.6L 16V with FYJA engine	11/2001	-	BOSCH	1-371	000
		11/2001	-	FORD	961	112
	com motor Endura E 1.3	-	-	PRESTOLITE	3-484	175
	com motor Zetec Rocam	08/1999	-	FORD	1-761	110
		08/1999	-	FORD	761	109
		08/1999	-	FORD	8-761	110
	com motor diesel 1.8L	-	-	PRESTOLITE	3-484	175
	with 1.3L Endura E engine	-	-	PRESTOLITE	3-484	175
	with 1.8L diesel engine	-	-	PRESTOLITE	3-484	175
		01/2014	-	VALEO	4-391	184
Focus	1.4 16V with FXDA engine	10/1998	-	BOSCH	1-371	000
		10/1998	-	FORD	961	112
	1.4 16V with FXDB engine	10/1998	-	BOSCH	1-371	000

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FORD		de /from	until	M.Part./Starter	ZM	Pag.
Focus	1.4 16V with FXDB engine	10/1998	-	FORD	961	112
	1.4 16V with FXDC engine	10/1998	-	BOSCH	1-371	000
		10/1998	-	FORD	961	112
	1.4 16V with FXDD engine	10/1998	-	BOSCH	1-371	000
		10/1998	-	FORD	961	112
	1.4L 16V Estate with FXDA engine	02/1999	-	BOSCH	1-371	000
		02/1999	-	FORD	961	112
	1.4L 16V Estate with FXDB engine	02/1999	-	BOSCH	1-371	000
		02/1999	-	FORD	961	112
	1.4L 16V Estate with FXDC engine	02/1999	-	BOSCH	1-371	000
		02/1999	-	FORD	961	112
	1.4L 16V Estate with FXDD engine	02/1999	-	BOSCH	1-371	000
		02/1999	-	FORD	961	112
	1.4L 16V Saloon with FXDA engine	02/1999	-	BOSCH	1-371	000
		02/1999	-	FORD	961	112
	1.4L 16V Saloon with FXDB engine	02/1999	-	BOSCH	1-371	000
		02/1999	-	FORD	961	112
	1.4L 16V Saloon with FXDC engine	02/1999	-	BOSCH	1-371	000
		02/1999	-	FORD	961	112
	1.4L 16V Saloon with FXDD engine	02/1999	-	BOSCH	1-371	000
		02/1999	-	FORD	961	112
	1.6L 16V Estate with FYDA engine	02/1999	-	BOSCH	1-371	000
		02/1999	-	FORD	961	112
	1.6L 16V Estate with FYDB engine	02/1999	-	BOSCH	1-371	000
		02/1999	-	FORD	961	112
	1.6L 16V Estate with FYDC engine	02/1999	-	BOSCH	1-371	000
		02/1999	-	FORD	961	112
	1.6L 16V Estate with FYDD engine	02/1999	-	BOSCH	1-371	000
		02/1999	-	FORD	961	112
	1.6L 16V Saloon with FYDA engine	02/1999	-	BOSCH	1-371	000
		02/1999	-	FORD	961	112
	1.6L 16V Saloon with FYDB engine	02/1999	-	BOSCH	1-371	000
		02/1999	-	FORD	961	112
	1.6L 16V Saloon with FYDC engine	02/1999	-	BOSCH	1-371	000
		02/1999	-	FORD	961	112
	1.6L 16V Saloon with FYDD engine	02/1999	-	BOSCH	1-371	000
		02/1999	-	FORD	961	112
	1.6L 16V with FYDA engine	10/1998	-	BOSCH	1-371	000
		10/1998	-	FORD	961	112
	1.6L 16V with FYDB engine	10/1998	-	BOSCH	1-371	000
		10/1998	-	FORD	961	112
	1.6L 16V with FYDC engine	10/1998	-	BOSCH	1-371	000
		10/1998	-	FORD	961	112
	1.6L 16V with FYDD engine	10/1998	-	BOSCH	1-371	000
		10/1998	-	FORD	961	112
	2.0i 16v	-	-	DELCO REMY	7-860	094
	C-Max 1.6	10/2003	-	BOSCH	1-371	000
		10/2003	-	FORD	961	112
	C-Max 1.6 Ti	08/2004	-	BOSCH	1-371	000
		08/2004	-	FORD	961	112
	II 1.4L	11/2004	-	BOSCH	1-371	000
		11/2004	-	FORD	961	112
	II 1.6L	11/2004	-	BOSCH	1-371	000
		11/2004	-	FORD	961	112
	II 1.6L Ti	11/2004	-	BOSCH	1-371	000
		11/2004	-	FORD	961	112
	II Turnier 1.4L	01/2005	-	BOSCH	1-371	000
		01/2005	-	FORD	961	112
	II Turnier 1.6L	01/2005	-	BOSCH	1-371	000
		01/2005	-	FORD	961	112

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FORD		de /from	until	M.Part./Starter	ZM	Pag.
Focus	II Turnier 1.6L Ti	01/2005	-	BOSCH	1-371	000
		01/2005	-	FORD	961	112
	com motor Zetec	-	-	PRESTOLITE	3-484	175
	com motor Zetec 1.8L	-	12/1993	PRESTOLITE	2-484	175
	com motor diesel 1.8L	-	-	PRESTOLITE	3-484	175
	with 1.8L diesel engine	-	-	PRESTOLITE	3-484	175
	with Zetec engine	-	-	PRESTOLITE	3-484	175
		10/2003	09/2012	FORD	1-961	112
		01/2012	-	MITSUBISHI	3-795	156
		-	-	VALEO	498	194
		-	-	MITSUBISHI	1-995	168
Fusion	1.25L with FUJA engine	08/2004	-	BOSCH	1-371	000
		08/2004	-	FORD	961	112
	1.25L with FUJB engine	08/2004	-	BOSCH	1-371	000
		08/2004	-	FORD	961	112
	1.4L with FXJA engine	08/2002	-	BOSCH	1-371	000
		08/2002	-	FORD	961	112
	1.4L with FXJB engine	08/2002	-	BOSCH	1-371	000
		08/2002	-	FORD	961	112
	1.6L with FYJA engine	08/2002	-	BOSCH	1-371	000
		08/2002	-	FORD	961	112
	with 3.0L Duratec 30 V6 engine.	01/2006	12/2009	MITSUBISHI	2-795	156
		01/2012	-	MITSUBISHI	3-795	156
Galaxie		-	12/1975	WAPSA	503	201
		-	12/1975	WAPSA	508	203
Galaxy	2.0	05/1992	12/1996	BOSCH	571	020
	2.0i	05/1992	12/1996	BOSCH	571	020
Granada	1.7 Turnier with TV 17.., OHC V4 engine	06/1977	08/1981	BOSCH	624	025
	1.7 with TV 17.., OHC V4 engine	06/1977	08/1981	BOSCH	624	025
	2.0 Turnier with V6 2VHC, TV 20L engine	08/1977	08/1985	BOSCH	624	025
	2.0 with V6 2VHC, TV 20L engine	08/1977	08/1985	BOSCH	624	025
	2.3 Turnier with TV 23H, V62VHC engine	08/1977	08/1985	BOSCH	624	025
	2.3 with TV 23H, V62VHC engine	08/1977	08/1985	BOSCH	624	025
	2.4i with ARD engine	02/1992	12/1994	BOSCH	973	059
	2.6 with TV 26L, H engine	08/1977	08/1985	BOSCH	624	025
	2.8 Turnier with V6 2VHC engine	08/1977	08/1985	BOSCH	624	025
	2.8 with V6 2VHC engine	08/1977	08/1985	BOSCH	624	025
	2.8i Turnier with TV 28I, V6FI HC engine	08/1977	08/1985	BOSCH	624	025
	2.8i with TV 28I, V6FI HC engine	08/1977	08/1985	BOSCH	624	025
	2.9i 24V with BOA engine	02/1992	12/1994	BOSCH	973	059
	2.9i 4x4 with BRD engine	02/1992	12/1994	BOSCH	973	059
	2.9i 4x4 with BRE engine	02/1992	12/1994	BOSCH	973	059
	2.9i with BRF engine	02/1992	12/1994	BOSCH	973	059
		-	-	BOSCH	675	036
Heavy-Duty Trucks 450 series	7.3 L (446) diesel	01/2001	12/2003	FORD	766	111
		01/1999	12/1999	MITSUBISHI	892	159
Heavy-Duty Trucks 550 series	7.3 L (446) diesel	01/2001	12/2003	FORD	766	111
		01/1999	12/1999	MITSUBISHI	892	159
Heavy-Duty Trucks 600 series	with 6.6 liters Ford engine	01/1987	12/1988	DELCO REMY	353	066
		01/1990	12/1993	DELCO REMY	453	080
	with 7.8 liters Ford engine	01/1990	12/1993	DELCO REMY	453	080
	with 8.2 liters DD engine	01/1983	12/1988	DELCO REMY	451	078
		01/1983	12/1988	DELCO REMY	351	065
	with 8.3 liters Cummins engine	01/1993	12/1994	DELCO REMY	352	065
		01/1993	12/1994	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
	with Ford FD-1460 engine	01/1993	12/1994	DELCO REMY	352	065
		01/1993	12/1994	DELCO REMY	352	066

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FORD		de /from	until	M.Part./Starter	ZM	Pag.
Heavy-Duty Trucks 600 series	with Ford FD-1460 engine	-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
Heavy-Duty Trucks 6000 series	with 6.6 liters Ford engine	01/1985	12/1988	DELCO REMY	353	066
		01/1989	12/1991	DELCO REMY	453	080
	with 7.8 liters Ford engine	01/1987	12/1988	DELCO REMY	353	066
		01/1989	12/1991	DELCO REMY	453	080
Heavy-Duty Trucks 650 series	7.3 L (446) diesel	01/2001	-	FORD	766	111
		01/1999	12/1999	MITSUBISHI	892	159
Heavy-Duty Trucks 700 series	with 6.6 liters Ford engine	01/1987	12/1988	DELCO REMY	353	066
		01/1989	12/1995	DELCO REMY	453	080
	with 7.8 liters Ford engine	01/1987	12/1988	DELCO REMY	353	066
		01/1989	12/1993	DELCO REMY	453	080
	with 8.2 liters DD engine	01/1983	12/1988	DELCO REMY	451	078
		01/1983	12/1988	DELCO REMY	351	065
	with 8.3 liters Cummins engine	01/1993	12/1995	DELCO REMY	352	065
		01/1993	12/1995	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
	with Ford FD-1460 engine	01/1993	12/1995	DELCO REMY	352	065
		01/1993	12/1995	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
Heavy-Duty Trucks 7000 series	with 6.6 liters Ford engine	01/1985	12/1988	DELCO REMY	353	066
		01/1989	12/1994	DELCO REMY	453	080
	with 7.8 liters Ford engine	01/1987	12/1988	DELCO REMY	353	066
	with 8.3 liters Cummins engine	01/1993	12/1995	DELCO REMY	352	065
		01/1993	12/1995	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
	with Ford FD-1460 engine	01/1993	12/1995	DELCO REMY	352	065
		01/1993	12/1995	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
Heavy-Duty Trucks 750 series	7.3 L (446) diesel	01/2001	-	FORD	766	111
		01/1999	12/1999	MITSUBISHI	892	159
Heavy-Duty Trucks 800 series	with 8.2 liters DD engine	01/1983	12/1988	DELCO REMY	451	078
		01/1983	12/1988	DELCO REMY	351	065
	with 8.3 liters Cummins engine	01/1991	12/1995	DELCO REMY	352	065
		01/1991	12/1995	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
	with Ford FD-1460 engine	01/1993	12/1995	DELCO REMY	352	065
		01/1993	12/1995	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
Heavy-Duty Trucks 8000 series	with 8.3 liters Cummins engine	01/1992	12/1995	DELCO REMY	352	065
		01/1992	12/1995	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
	with Ford FD-1460 engine	01/1993	12/1995	DELCO REMY	352	065
		01/1993	12/1995	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
Heavy-Duty Trucks 900 series	with 8.3 liters Cummins engine	01/1993	12/1995	DELCO REMY	352	065
		01/1993	12/1995	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
	with Ford FD-1460 engine	01/1993	12/1995	DELCO REMY	352	065
		01/1993	12/1995	DELCO REMY	352	066
		-	-	DELCO REMY	452	078

TABELA DE APLICAÇÃO
APPLICATION CHART

FORD		de /from	until	M.Part./Starter	ZM	Pag.
Heavy-Duty Trucks 900 series	with Ford FD-1460 engine	-	-	DELCO REMY	452	079
Heavy-Duty Trucks 9000 series	with 8.3 liters Cummins engine	01/1989	12/1995	DELCO REMY	352	065
		01/1989	12/1995	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
	with Ford FD-1460 engine	01/1993	12/1995	DELCO REMY	352	065
		01/1993	12/1995	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
Jeep	com motor 4 cilindros	-	-	WAPSA	505	202
		-	-	WAPSA	509	203
		-	-	WAPSA	517	205
Ka	1.0 L com motor Zetec Rocam	07/1999	-	VALEO	498	194
	1.2	02/2009	-	VALEO	8-495	193
	1.3i	09/1996	-	BOSCH	371	000
		01/1996	-	MARELLI	395	134
	1.3i with BAA engine	09/1996	-	BOSCH	1-371	000
	1.3i with J4D engine	09/1996	-	BOSCH	1-371	000
	1.3i with J4K engine	09/1996	-	BOSCH	1-371	000
	1.3i with J4M engine	09/1996	-	BOSCH	1-371	000
	1.3i with J4N engine	09/1996	-	BOSCH	1-371	000
	1.3i with J4P engine	09/1996	-	BOSCH	1-371	000
	1.3i with J4S engine	09/1996	-	BOSCH	1-371	000
	1.6 L com motor Zetec Rocam	07/1999	-	VALEO	498	194
	1.6i	07/2003	-	BOSCH	1-371	000
	Street 1.6	05/2003	-	BOSCH	1-371	000
	com motor Zetec Rocam	08/1999	-	FORD	1-761	110
		08/1999	-	FORD	761	109
		08/1999	-	FORD	8-761	110
		10/2003	-	HITACHI	3-710	119
		01/2014	-	VALEO	4-391	184
L 6000	com motor Cummins 504 -FD1460 8.3 litros	01/1992	01/1999	DELCO REMY	1-407	071
		01/1992	01/1999	DELCO REMY	407	071
	with 8.3 liters 504- FD-1460 Cummins engine	01/1992	01/1999	DELCO REMY	1-407	071
		01/1992	01/1999	DELCO REMY	407	071
		-	-	DELCO REMY	1-950	098
L 9000		-	-	DELCO REMY	1-950	098
LTD	3.9 DA	06/1988	09/1989	BOSCH	1-372	001
	3.9 DA II	10/1989	06/1991	BOSCH	1-372	001
	3.9 DC	07/1991	02/1992	BOSCH	1-372	001
	4.0 AU	10/1999	09/2000	BOSCH	1-372	001
	4.0 AU II	06/2000	06/2003	BOSCH	1-372	001
	4.0 DC	03/1992	02/1995	BOSCH	1-372	001
	4.0 DF	03/1995	09/1995	BOSCH	1-372	001
	4.0 DF II	10/1995	08/1996	BOSCH	1-372	001
	4.0 DL	09/1996	05/1999	BOSCH	1-372	001
	4.1 FC	06/1979	02/1982	BOSCH	1-372	001
	4.1 FD	03/1982	09/1984	BOSCH	1-372	001
	4.1 FE	09/1984	05/1988	BOSCH	1-372	001
LTD Landau		-	12/1975	WAPSA	503	201
		-	12/1975	WAPSA	508	203
Light Duty Trucks	Applications with 7.3 liters diesel engine	-	-	MITSUBISHI	1-892	159
Maverick	2400	01/1993	12/1996	MITSUBISHI	1-794	155
	com motor 2.3 litros	-	-	WAPSA	517	205
	com motor 4 cilindros	-	-	WAPSA	505	202
		-	-	WAPSA	509	203
		-	-	MITSUBISHI	794	155
Medium Trucks 450 series	7.3 L (446) diesel	01/2001	12/2003	FORD	766	111

TABELA DE APLICAÇÃO
APPLICATION CHART

FORD		de /from	until	M.Part./Starter	ZM	Pag.
Medium Trucks 450 series	7.3 L (446) diesel	01/1999	12/1999	MITSUBISHI	892	159
Medium Trucks 550 series	7.3 L (446) diesel	01/2001	12/2003	FORD	766	111
		01/1999	12/1999	MITSUBISHI	892	159
Medium Trucks 600 series	with 6.6 liters Ford engine	01/1987	12/1988	DELCO REMY	353	066
		01/1989	12/1993	DELCO REMY	453	080
	with 7.8 liters Ford engine	01/1989	12/1993	DELCO REMY	453	080
	with 8.2 liters DD engine	01/1983	12/1988	DELCO REMY	451	078
		01/1983	12/1988	DELCO REMY	351	065
	with 8.3 liters Cummins engine	01/1993	12/1994	DELCO REMY	352	065
		01/1993	12/1994	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
	with Ford FD-1460 engine	01/1993	12/1994	DELCO REMY	352	065
		01/1993	12/1994	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
Medium Trucks 6000 series	with 6.6 liters Ford engine	01/1985	12/1988	DELCO REMY	353	066
		01/1989	12/1991	DELCO REMY	453	080
	with 7.8 liters Ford engine	01/1987	12/1988	DELCO REMY	353	066
		01/1989	12/1991	DELCO REMY	453	080
Medium Trucks 650 series	7.3 L (446) diesel	01/2001	-	FORD	766	111
		01/1999	12/1999	MITSUBISHI	892	159
Medium Trucks 700 series	with 6.6 liters Ford engine	01/1987	12/1988	DELCO REMY	353	066
		01/1989	12/1995	DELCO REMY	453	080
	with 7.8 liters Ford engine	01/1987	12/1988	DELCO REMY	353	066
		01/1989	12/1993	DELCO REMY	453	080
	with 8.2 liters DD engine	01/1983	12/1988	DELCO REMY	451	078
		01/1983	12/1988	DELCO REMY	351	065
	with 8.3 liters Cummins engine	01/1993	12/1995	DELCO REMY	352	065
		01/1993	12/1995	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
	with Ford FD-1460 engine	01/1993	12/1995	DELCO REMY	352	065
		01/1993	12/1995	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
Medium Trucks 7000 series	with 6.6 liters Ford engine	01/1985	12/1988	DELCO REMY	353	066
		01/1989	12/1994	DELCO REMY	453	080
	with 7.8 liters Ford engine	01/1987	12/1988	DELCO REMY	353	066
	with 8.3 liters Cummins engine	01/1993	12/1995	DELCO REMY	352	065
		01/1993	12/1995	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
	with Ford FD-1460 engine	01/1993	12/1995	DELCO REMY	352	065
		01/1993	12/1995	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
Medium Trucks 750 series	7.3 L (446) diesel	01/2001	-	FORD	766	111
		01/1999	12/1999	MITSUBISHI	892	159
Medium Trucks 800 series	with 8.2 liters DD engine	01/1983	12/1988	DELCO REMY	451	078
		01/1983	12/1988	DELCO REMY	351	065
	with 8.3 liters Cummins engine	01/1991	12/1995	DELCO REMY	352	065
		01/1991	12/1995	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
	with Ford FD-1460 engine	01/1993	01/1995	DELCO REMY	352	065
		01/1993	01/1995	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079

TABELA DE APLICAÇÃO
APPLICATION CHART

FORD		de /from	until	M.Part./Starter	ZM	Pag.
Medium Trucks 8000 series	with 8.3 liters Cummins engine	01/1992	01/1995	DELCO REMY	352	065
		01/1992	01/1995	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
	with Ford FD-1460 engine	01/1993	12/1995	DELCO REMY	352	065
		01/1993	12/1995	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
Medium Trucks 900 series	with 8.3 liters Cummins engine	01/1993	12/1995	DELCO REMY	352	065
		01/1993	12/1995	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
	with Ford FD-1460 engine	01/1993	12/1995	DELCO REMY	352	065
		01/1993	12/1995	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
Medium Trucks 9000 series	with 8.3 liters Cummins engine	01/1989	12/1995	DELCO REMY	352	065
		01/1989	12/1995	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
	with Ford FD-1460 engine	01/1993	12/1995	DELCO REMY	352	065
		01/1993	12/1995	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
Merkur	2.9i with TV 29EFI Katalysator engine	05/1988	02/1993	BOSCH	973	059
Mondeo	1.8 Turbo diesel with RFM	06/1993	07/1996	BOSCH	973	059
	1.8 Turbo diesel with RFN	06/1993	07/1996	BOSCH	973	059
	1.8 com motor Zetec	-	12/1993	PRESTOLITE	2-484	175
	1.8i Turnier com motor RKA	04/1993	02/1994	BOSCH	371	000
	1.8i com motor RKA	02/1993	02/1994	BOSCH	371	000
	2.0 com motor Zetec	-	12/1993	PRESTOLITE	2-484	175
	2.0i Turnier com motor NGA	08/1996	09/2000	BOSCH	371	000
	2.0i com motor NGA	02/1993	09/2000	BOSCH	371	000
		08/1996	09/2000	BOSCH	371	000
	com motor 1.8	-	12/1993	PRESTOLITE	2-484	175
	com motor 2.0	-	12/1993	PRESTOLITE	2-484	175
	com motor Zetec	-	-	PRESTOLITE	3-484	175
	with Zetec engine	-	-	PRESTOLITE	3-484	175
Mustang	4.6L V8	01/1998	12/2003	FORD	2-762	111
New Fiesta		-	-	MITSUBISHI	1-995	168
		01/2014	-	VALEO	4-391	184
Novo Fiesta	1.0 L com motor Supercharger	06/2002	-	VALEO	498	194
	1.0 L com motor Zetec Rocam	06/2002	-	VALEO	498	194
	1.6 L com motor Zetec Rocam	06/2002	-	VALEO	498	194
		-	-	MITSUBISHI	1-995	168
		01/2014	-	VALEO	4-391	184
Nugget	2.0i com motor NSF	08/1994	07/2000	BOSCH	371	000
	2.0i com motor NSG	08/1994	07/2000	BOSCH	371	000
Orion	1.8 L with AP827 engine	-	-	PRESTOLITE	716	178
	2.0 L with AP827 engine	-	-	PRESTOLITE	716	178
	with AP827 1.6 engine	-	-	PRESTOLITE	3-482	173
	with AP827 1.8 engine	-	-	PRESTOLITE	3-482	173
P 350	5.0 V8	01/1989	12/2004	BOSCH	5-777	048
Pampa	1.6	04/1993	12/1996	BOSCH	571	020
	1.6 com motor UNB	04/1993	07/1994	BOSCH	2-571	020
	1.8	02/1990	02/1993	BOSCH	971	057
	1.8 com motor UD	03/1993	12/1996	BOSCH	971	057
	1.8i com motor UDB	12/1996	06/1997	BOSCH	971	057
		-	-	PRESTOLITE	471	172

TABELA DE APLICAÇÃO
APPLICATION CHART

FORD		de /from	until	M.Part./Starter	ZM	Pag.
Para Grid Heater de caminhões Cargo	com sistema 12V	-	-	BOSCH	3-671	034
	com sistema 24V	-	-	BOSCH	4-671	035
	with 12V system	-	-	BOSCH	3-671	034
	with 24V system	-	-	BOSCH	4-671	035
		-	-	DELCO REMY	427	076
		-	-	DELCO REMY	429	078
Pick-up	5.0 STD V8	01/1994	12/2000	BOSCH	5-777	048
	Automatico	01/1994	-	BOSCH	5-777	048
	Estándar 5.0 V8	01/1994	12/2000	BOSCH	5-777	048
	Series F 7.3L (446) V8 Diesel	-	-	PRESTOLITE	486	177
	com motor 4 cilindros	-	-	WAPSA	505	202
		-	-	WAPSA	509	203
Puma	1.4 16V with FHD engine	11/1997	10/2000	BOSCH	1-371	000
		11/1997	10/2000	FORD	961	112
	1.4 16V with FHF engine	11/1997	10/2000	BOSCH	1-371	000
		11/1997	10/2000	FORD	961	112
	1.6 16V	08/2000	-	BOSCH	1-371	000
		08/2000	-	FORD	961	112
	1.7 16V with MHA engine	03/1997	-	BOSCH	1-371	000
		03/1997	-	FORD	961	112
	1.7 16V with MHB engine	03/1997	-	BOSCH	1-371	000
		03/1997	-	FORD	961	112
Ranger	2.2 L (134) L4 diesel	01/1983	12/1983	MITSUBISHI	891	159
	2.3 L (140) L4	01/2001	12/2006	FORD	1-761	110
		01/2001	12/2006	FORD	761	109
		01/2001	12/2006	FORD	8-761	110
	2.5 L Diesel	10/1999	-	FORD	769	111
	2.5 L com motor Maxion HS 4 cilindros	-	-	PRESTOLITE	484	174
	2.8 L com motor Maxion HS 4 cilindros	-	-	PRESTOLITE	484	174
	3.0 L Diesel	10/1999	-	FORD	769	111
	3.2 L Diesel	-	-	MITSUBISHI	2-795	156
	com motor Duratec HE 2.3 Nafta	-	-	PRESTOLITE	3-484	175
	with Duratec HE 2.3 Nafta engine	-	-	PRESTOLITE	3-484	175
Royale	1.8	02/1992	01/1994	BOSCH	571	020
	1.8i	02/1994	10/1996	BOSCH	571	020
		02/1994	10/1996	BOSCH	971	057
	1.8i com motor AP	01/1995	-	BOSCH	971	057
	2.0	02/1992	08/1994	BOSCH	571	020
		02/1992	08/1994	BOSCH	971	057
	2.0i	02/1992	10/1996	BOSCH	571	020
		01/1994	10/1996	BOSCH	971	057
	2.0i com motor AP	01/1995	-	BOSCH	971	057
Rural	com motor 4 cilindros	-	-	WAPSA	505	202
		-	-	WAPSA	509	203
		-	-	WAPSA	517	205
Scorpio	1.8 (Autom) with OHC 2VHC, TL 18H engine	09/1985	07/1990	BOSCH	578	023
	2.0 (Autom) with OHC .. engine	09/1985	07/1990	BOSCH	578	023
	2.0i (Autom) with OHC .. engine	09/1985	07/1990	BOSCH	578	023
	2.0i 16V Turnier com motor N3A	01/1995	04/1996	BOSCH	371	000
	2.0i 16V com motor N3A	01/1995	04/1996	BOSCH	371	000
	2.0i Turnier com motor NSD	01/1995	12/1998	BOSCH	371	000
	2.0i com motor NSD	01/1995	12/1998	BOSCH	371	000
	2.0i with DOHC EFI HC engine	05/1989	-	BOSCH	675	036
	2.3i 16V Turnier com motor Y5A	05/1996	12/1998	BOSCH	371	000
	2.3i 16V com motor Y5A	05/1996	12/1998	BOSCH	371	000
	2.4i with ARD engine	10/1988	12/1994	BOSCH	973	059
	2.9i 24V with BOA engine	04/1991	12/1994	BOSCH	973	059
	2.9i Turnier with BRG engine	01/1995	08/1996	BOSCH	973	059
	2.9i XR4 4x4 with BRC engine	09/1986	12/1992	BOSCH	973	059

TABELA DE APLICAÇÃO
APPLICATION CHART

FORD		de /from	until	M.Part./Starter	ZM	Pag.
Scorpio	2.9i XR4 with BRE engine	10/1987	02/1992	BOSCH	973	059
	2.9i with BRF engine	02/1992	12/1994	BOSCH	973	059
	I 2.5 D with STR engine	12/1985	06/1992	VALEO	597	199
	I 2.5 TD	01/1988	12/1994	BOSCH	1-578	024
		01/1988	12/1994	BOSCH	675	036
	I 2.5 TD with SFA engine	06/1988	07/1993	VALEO	597	199
	I Estate 2.5 TD with SFA engine	09/1991	07/1993	VALEO	597	199
	I Saloon 2.5 D with STR engine	12/1989	12/1994	VALEO	597	199
	I Saloon 2.5 TD with SFA engine	06/1988	07/1993	VALEO	597	199
		-	-	BOSCH	1-578	024
Sierra	1.6 Turnier (Autom) with OHC ..HC engine	08/1985	08/1990	BOSCH	578	023
	1.6 with OHC ..HC engine	08/1985	08/1990	BOSCH	578	023
	1.6i with CVH CFI HC engine	10/1989	-	BOSCH	675	036
	1.8 (Autom) with OHC 2VHC engine	08/1985	05/1988	BOSCH	578	023
	1.8 Turnier (Autom) with OHC 2VHC engine	08/1985	05/1988	BOSCH	578	023
	1.8 Turnier with OHC 2VHC engine	11/1988	08/1990	BOSCH	675	036
	1.8 with OHC 2VHC engine	11/1988	08/1990	BOSCH	675	036
	2.0 (Autom) with OHC 2V.. engine	08/1985	08/1990	BOSCH	578	023
	2.0 Turnier (Autom) with OHC 2V.. engine	08/1985	08/1990	BOSCH	578	023
	2.0 with DOHC 2VHC engine	05/1989	-	BOSCH	675	036
	2.0i with DOHC EFI HC engine	05/1989	08/1990	BOSCH	675	036
	2.3 D with YTR engine	01/1987	09/1989	VALEO	597	199
	Estate 2.3 D with YTR engine	01/1987	12/1993	VALEO	597	199
	Estate 2.3 D with YTT engine	08/1982	12/1986	VALEO	597	199
	Hatchback 2.3 D with YTR engine	01/1987	09/1989	VALEO	597	199
	Hatchback 2.3 D with YTT engine	08/1982	12/1986	VALEO	597	199
	II 2.3 D	01/1987	12/1989	BOSCH	1-578	024
		01/1987	12/1989	BOSCH	675	036
		-	-	BOSCH	1-578	024
Skid Steer Loader	CL45 Shibaura diesel	01/1983	12/1986	HITACHI	687	117
		01/1983	12/1986	HITACHI	783	123
	CL55 Shibaura diesel	01/1983	12/1986	HITACHI	687	117
		01/1983	12/1986	HITACHI	783	123
Taunus	1.3	09/1976	07/1979	BOSCH	526	014
	1.3 Turnier	12/1975	07/1979	BOSCH	526	014
	1.3 Turnier with JAC engine	05/1975	07/1979	BOSCH	526	014
	1.3 with JAC engine	05/1975	07/1979	BOSCH	526	014
	1.3 with JCC engine	07/1979	07/1982	BOSCH	526	014
	1.6 Turnier with LAD engine	07/1979	07/1982	BOSCH	526	014
	1.6 with LAD engine	05/1975	07/1979	BOSCH	526	014
	1.6 with LAR engine	07/1979	07/1982	BOSCH	526	014
	1.6 with LCJ engine	05/1975	07/1979	BOSCH	526	014
	2.0 Turnier with NYR engine	07/1979	07/1982	BOSCH	526	014
	2.0 with NER engine	05/1975	07/1979	BOSCH	526	014
	2.0 with NWR engine	07/1979	07/1982	BOSCH	526	014
	2.0 with TV 20.. engine	12/1975	08/1982	BOSCH	624	025
	2.3 with TV 23H engine	12/1975	08/1982	BOSCH	624	025
Taurus	3.0L (182) V6	01/1992	12/1997	FORD	1-760	109
		01/2001	12/2005	FORD	1-761	110
		01/1992	12/1997	FORD	760	108
		01/2001	12/2005	FORD	761	109
		01/2001	12/2005	FORD	8-761	110
	3.8L (232) V6	01/1990	12/1995	FORD	1-760	109
		01/1990	12/1995	FORD	760	108
		01/2012	-	MITSUBISHI	3-795	156
		-	-	PRESTOLITE	471	172
Tempo	3.0 L (182) V6	01/1992	12/1994	FORD	1-760	109
		01/1992	12/1994	FORD	760	108
Territory	4.0 SX	05/2004	09/2005	BOSCH	1-372	001

TABELA DE APLICAÇÃO
APPLICATION CHART

FORD		de /from	until	M.Part./Starter	ZM	Pag.
Territory	4.0 SY	10/2005	-	BOSCH	1-372	001
Thunderbird	3.9 L (240) V8	01/2002	12/2005	FORD	1-761	110
		01/2002	12/2005	FORD	761	109
		01/2002	12/2005	FORD	8-761	110
Tourneo	2.0i com motor NSG	08/1994	07/2000	BOSCH	371	000
Tractor	1900 3-87 Shibaura diesel	01/1979	12/1982	HITACHI	687	117
		01/1979	12/1982	HITACHI	783	123
	1910 3-104 Shibaura diesel	01/1983	12/1987	HITACHI	687	117
		01/1983	12/1987	HITACHI	783	123
	2110 4-139 Shibaura diesel	01/1983	12/1987	HITACHI	687	117
		01/1983	12/1987	HITACHI	783	123
	540A 3-201 diesel	01/1981	12/1984	HITACHI	687	117
		01/1981	12/1984	HITACHI	783	123
	540B 3-201 diesel	01/1984	12/1988	HITACHI	687	117
		01/1984	12/1988	HITACHI	783	123
	545A 3 cylinders diesel	01/1984	12/1988	HITACHI	687	117
		01/1984	12/1988	HITACHI	783	123
	5610 4-256 diesel	01/1981	12/1992	HITACHI	687	117
		01/1981	12/1992	HITACHI	783	123
	8670 6-456 diesel	01/1993	12/1997	DELCO REMY	2-352	066
		01/1993	12/1997	DELCO REMY	2-452	079
	8770 6-456 diesel	01/1993	12/1997	DELCO REMY	2-352	066
		01/1993	12/1997	DELCO REMY	2-452	079
	8870 6-456 diesel	01/1993	12/1997	DELCO REMY	2-352	066
		01/1993	12/1997	DELCO REMY	2-452	079
	8970 6-456 diesel	01/1993	12/1997	DELCO REMY	2-352	066
		01/1993	12/1997	DELCO REMY	2-452	079
	9280 6-611 diesel	01/1994	12/1995	DELCO REMY	2-356	068
		01/1994	12/1995	DELCO REMY	2-456	081
	9480 6-855 diesel	01/1994	12/1995	DELCO REMY	2-356	068
		01/1994	12/1995	DELCO REMY	2-456	081
	9680 6-855 diesel	01/1994	12/1995	DELCO REMY	2-356	068
		01/1994	12/1995	DELCO REMY	2-456	081
	9880 6-855 diesel	01/1994	12/1995	DELCO REMY	2-356	068
		01/1994	12/1995	DELCO REMY	2-456	081
Transit	1.5 1000	12/1968	05/1973	BOSCH	624	025
	1.6 with 4RB engine	12/1977	10/1986	BOSCH	624	025
	1.6 with LAT engine	12/1985	01/1989	BOSCH	624	025
	FT 080 2.0i com motor NSG	08/1994	07/2000	BOSCH	371	000
	FT 100 2.0i com motor NSG	08/1994	07/2000	BOSCH	371	000
	FT 120 2.0i com motor NSG	08/1994	07/2000	BOSCH	371	000
	FT 150 2.0i com motor NSG	08/1994	07/2000	BOSCH	371	000
	FT 190 2.0i com motor NSG	08/1994	07/2000	BOSCH	371	000
	com motor diesel	-	-	PRESTOLITE	2-485	176
	with diesel engine	-	-	PRESTOLITE	2-485	176
		-	-	BOSCH	3-381	004
Trator 4600	com motor diesel 4 cilindros	-	-	WAPSA	1-518	206
		-	-	WAPSA	518	205
Trator 5600	com motor diesel 4 cilindros	-	-	WAPSA	1-518	206
		-	-	WAPSA	518	205
Trator 6600	com motor diesel 4 cilindros	-	-	WAPSA	1-518	206
		-	-	WAPSA	518	205
Truck	545 with 6 cylinders engine	01/1993	12/1994	PRESTOLITE	816	180
	with Navistar Powerstroke engine except Turbo 7.3 liters	-	-	PRESTOLITE	1-484	175
		-	-	DELCO REMY	429	078
Truck L6000 / 7000 / 8000 / 9000	DD 6V-92	01/1986	01/1991	DELCO REMY	458	082
	DD 8V-71	01/1986	01/1990	DELCO REMY	458	082
	DD60 Series	01/1990	01/1999	DELCO REMY	458	082
	with 3176 caterpillar engine	01/1990	01/1998	DELCO REMY	458	082

TABELA DE APLICAÇÃO
APPLICATION CHART

FORD		de /from	until	M.Part./Starter	ZM	Pag.
Truck L6000 / 7000 / 8000 / 9000	with 3406 caterpillar engine	01/1993	01/1999	DELCO REMY	458	082
	with C-10 C-12 caterpillar engine	01/1997	01/1999	DELCO REMY	458	082
	with N14 Cummins engine	01/1990	01/1999	DELCO REMY	458	082
Van	545 with 6 cylinders engine	01/1993	12/1994	PRESTOLITE	816	180
	Series E 7.3L (446) V8 Diesel	-	-	PRESTOLITE	486	177
Verona	com motor AP827 1.6	-	-	PRESTOLITE	3-482	173
	com motor AP827 1.8	-	-	PRESTOLITE	3-482	173
Versailles	1.8	06/1991	01/1994	BOSCH	571	020
		02/1994	10/1996	BOSCH	971	057
	1.8i	02/1994	10/1996	BOSCH	571	020
		03/1991	08/1994	BOSCH	971	057
	1.8i com motor AP	01/1995	-	BOSCH	971	057
	2.0	03/1991	08/1994	BOSCH	571	020
		01/1993	10/1996	BOSCH	971	057
	2.0i	03/1991	10/1996	BOSCH	571	020
		01/1993	10/1996	BOSCH	971	057
	2.0i com motor AP	01/1995	-	BOSCH	971	057
		-	-	PRESTOLITE	471	172
Windstar	3.0 L (182) V6	01/1995	-	FORD	1-760	109
		01/1995	-	FORD	760	108
	3.8 L (232) V6	01/1995	-	FORD	1-760	109
		01/1995	-	FORD	760	108

FORD-LINCOLN		de /from	until	M.Part./Starter	ZM	Pag.
Aviator	4.6 L (281) V8	01/2003	12/2004	FORD	2-762	111
Continental	3.8 L (232) V6	01/1989	12/1994	FORD	1-760	109
		01/1989	12/1994	FORD	760	108
	4.6 L (281) V8	01/2002	-	FORD	1-761	110
		01/2002	-	FORD	761	109
		01/2002	-	FORD	8-761	110
LS	3.9 L (240) V8	01/2000	12/2006	FORD	1-761	110
		01/2000	12/2006	FORD	761	109
		01/2000	12/2006	FORD	8-761	110
MKC		01/2015	-	MITSUBISHI	3-795	156
MKT		01/2013	-	MITSUBISHI	3-795	156
MKZ		01/2013	-	MITSUBISHI	3-795	156
Mark	serie 4.6 L (281) V8	01/1997	12/1998	FORD	1-762	110
		01/1997	12/1998	FORD	762	110
		01/1997	12/1998	FORD	8-762	111
Navigator	5.4L V8	01/1998	-	FORD	1-762	110
		01/1998	-	FORD	762	110
		01/1998	-	FORD	8-762	111
Town Car	4.6L (281) V8	01/1996	12/1997	FORD	1-762	110
		01/1998	12/2004	FORD	2-762	111
		01/1996	12/1997	FORD	762	110
		01/1996	12/1997	FORD	8-762	111
Welders	with Perkins engine	-	-	DELCO REMY	805	087
Zephyr	with 3.0 L Duratec 30 V6 engine.	01/2006	12/2009	MITSUBISHI	2-795	156

FORD-MERCURY		de /from	until	M.Part./Starter	ZM	Pag.
Cougar	4.6 L (281) V8	01/1997	-	FORD	1-762	110
		01/1997	-	FORD	762	110
		01/1997	-	FORD	8-762	111
Marauder	4.6 L (281) V8	01/2003	12/2003	FORD	2-762	111
Marine	Ski engines model 350 MAG EFI SKI (TBI) GM 5.7 L - 350ci - 8cylinders	01/1994	12/1995	DELCO REMY	1-862	096
	Ski engines model 350 MAG SKI GM 5.7 L - 350ci - 8cylinders	01/1991	12/1995	DELCO REMY	1-862	096
	Ski engines model 454 EFI SKI (GEN V) GM 7.4 L - 454ci - 8cylinders	01/1995	-	DELCO REMY	1-862	096
	Ski engines model 5.7 L Competition SKI GM 5.7L - 350ci - 8cylinders	01/1987	12/1994	DELCO REMY	1-862	096
Marquis	4.6 L (281) V8	01/1996	12/1997	FORD	1-762	110
		01/1998	12/2004	FORD	2-762	111

TABELA DE APLICAÇÃO
APPLICATION CHART

FORD-MERCURY		de /from	until	M.Part./Starter	ZM	Pag.
Marquis	4.6 L (281) V8	01/1996	12/1997	FORD	762	110
		01/1996	12/1997	FORD	8-762	111
Milan	with 3.0 L Duratec 30 V6 engine.	01/2006	12/2009	MITSUBISHI	2-795	156
Mountaineer	4.6 L (281) V8	01/2002	12/2004	FORD	2-762	111
Sable	3.0 L (182) V6	01/1992	12/1997	FORD	1-760	109
		01/2001	12/2005	FORD	1-761	110
		01/1992	12/1997	FORD	760	108
		01/2001	12/2005	FORD	761	109
		01/2001	12/2005	FORD	8-761	110
	3.8 L (232) V6	01/1990	12/1995	FORD	1-760	109
		01/1990	12/1995	FORD	760	108
Stern Drive	model 175 GM 4.3 L - 262ci - 6cylinders	01/1991	12/1991	DELCO REMY	1-862	096
	model 200 GM 5.0 L - 305ci - 8cylinders	01/1987	-	DELCO REMY	1-862	096
Topaz	3.0 L (182) V6	01/1992	12/1994	FORD	1-760	109
		01/1992	12/1994	FORD	760	108

FORD-NEW HOLLAND		de /from	until	M.Part./Starter	ZM	Pag.
8040	com motor OM 352	01/1984	07/1989	BOSCH	3-571	021
	with OM 352 engine	01/1984	07/1989	BOSCH	3-571	021
8055	com motor OM 352 A	01/1984	07/1989	BOSCH	3-571	021
	with OM 352 A engine	01/1984	07/1989	BOSCH	3-571	021

FORD-WILLYS		de /from	until	M.Part./Starter	ZM	Pag.
Aero		06/1970	-	WAPSA	504	202
Itamaraty		06/1970	-	WAPSA	504	202
Jeep (12 volts)		06/1970	-	WAPSA	504	202
Pick-up		06/1970	-	WAPSA	504	202
Rural		06/1970	-	WAPSA	504	202

FREIGHTLINER		de /from	until	M.Part./Starter	ZM	Pag.
112SD Class		-	-	DELCO REMY	841	092
Argosy	with C12 12.0L Caterpillar diesel engine	01/1999	12/2003	MITSUBISHI	2-842	158
	with N14 14.0L Caterpillar diesel engine	01/1999	12/2002	MITSUBISHI	2-842	158
Business Class		-	-	DELCO REMY	841	092
C112 Century Class	with C15 Caterpillar diesel engine	01/1999	12/2010	MITSUBISHI	2-842	158
		-	-	DELCO REMY	841	092
C120 Century Class	with C15 Caterpillar diesel engine	01/1999	12/2010	MITSUBISHI	2-842	158
		-	-	DELCO REMY	841	092
Cascadia	with C15 Caterpillar diesel engine	01/2008	12/2010	MITSUBISHI	2-842	158
Classic	with C10 10.3L Caterpillar diesel engine	01/1999	12/2003	MITSUBISHI	2-842	158
	with C12 12.0L Caterpillar diesel engine	01/1997	12/2003	MITSUBISHI	2-842	158
	with C13 12.5L Caterpillar diesel engine	01/2004	12/2006	MITSUBISHI	2-842	158
	with C15 14.6L Caterpillar diesel engine	01/1999	12/2003	MITSUBISHI	2-842	158
	with C15 15.2L Caterpillar diesel engine	01/2004	12/2006	MITSUBISHI	2-842	158
Classic XL	with C10 10.3L Caterpillar diesel engine	01/1998	12/2003	MITSUBISHI	2-842	158
	with C12 12.0L Caterpillar diesel engine	01/1997	12/2003	MITSUBISHI	2-842	158
	with C13 12.5L Caterpillar diesel engine	01/2004	12/2006	MITSUBISHI	2-842	158
	with C14 14.6L Caterpillar diesel engine	01/1999	12/2003	MITSUBISHI	2-842	158
	with C15 15.2L Caterpillar diesel engine	01/2004	12/2006	MITSUBISHI	2-842	158
Columbia	with C10 10.3L Caterpillar diesel engine	01/2001	12/2003	MITSUBISHI	2-842	158
	with C12 12.0L Caterpillar diesel engine	01/1999	12/2003	MITSUBISHI	2-842	158
	with C13 12.5L Caterpillar diesel engine	01/2004	12/2006	MITSUBISHI	2-842	158
	with C15 15.2L Caterpillar diesel engine	01/1999	12/2006	MITSUBISHI	2-842	158
Condor	com motor Cummins ISB (LH)	-	-	DELCO REMY	818	090
	with C10 10.3L Caterpillar diesel engine	01/2001	12/2003	MITSUBISHI	2-842	158
	with C11 10.3L Caterpillar diesel engine	01/2004	12/2006	MITSUBISHI	2-842	158
	with C12 12.0L Caterpillar diesel engine	01/2001	12/2003	MITSUBISHI	2-842	158
	with C13 12.5L Caterpillar diesel engine	01/2004	12/2006	MITSUBISHI	2-842	158
	with Cummins ISB (LH) engine	-	-	DELCO REMY	818	090
Condor Work Horse	with Caterpillar 3126 engine	-	-	DELCO REMY	840	092
	with Caterpillar C7 engine	-	-	DELCO REMY	840	092

TABELA DE APLICAÇÃO
APPLICATION CHART

FREIGHTLINER		de /from	until	M.Part./Starter	ZM	Pag.
Condor Work Horse	with Cummins ISC engine	-	-	DELCO REMY	840	092
	with Cummins ISL engine	-	-	DELCO REMY	840	092
	with International DT466 engine	-	-	DELCO REMY	840	092
Coranado	with C15 14.6L Caterpillar diesel engine	01/1999	12/2003	MITSUBISHI	2-842	158
	with C15 15.2L Caterpillar diesel engine	01/2004	12/2006	MITSUBISHI	2-842	158
FC 70	5.9 L CID	01/1999	-	DELCO REMY	3-818	091
	com motor Cummins ISB (LH)	-	-	DELCO REMY	818	090
	com motor Cummins ISB (RH)	-	-	DELCO REMY	818	090
	with Caterpillar 3126 engine	-	-	DELCO REMY	840	092
	with Caterpillar C7 engine	-	-	DELCO REMY	840	092
	with Cummins ISB (LH) engine	-	-	DELCO REMY	818	090
	with Cummins ISB (RH) engine	-	-	DELCO REMY	818	090
	with Cummins ISC engine	-	-	DELCO REMY	840	092
	with Cummins ISL engine	-	-	DELCO REMY	840	092
	with International DT466 engine	-	-	DELCO REMY	840	092
	with Mercedes Benz BR926 7.25L engine	-	-	DELCO REMY	840	092
FC 80	5.9 L CID	01/1999	-	DELCO REMY	3-818	091
	com motor Cummins ISB (LH)	-	-	DELCO REMY	818	090
	com motor Cummins ISB (RH)	-	-	DELCO REMY	818	090
	com motor Cummins ISB 5.9 litros	01/1998	12/2001	DELCO REMY	818	090
	with 5.9 liters Cummins ISB engine	01/1998	12/2001	DELCO REMY	818	090
	with Caterpillar 3126 engine	-	-	DELCO REMY	840	092
	with Caterpillar C7 engine	-	-	DELCO REMY	840	092
	with Cummins ISB (LH) engine	-	-	DELCO REMY	818	090
	with Cummins ISB (RH) engine	-	-	DELCO REMY	818	090
	with Cummins ISC engine	-	-	DELCO REMY	840	092
	with Cummins ISL engine	-	-	DELCO REMY	840	092
	with International DT466 engine	-	-	DELCO REMY	840	092
	with Mercedes Benz BR926 7.25L engine	-	-	DELCO REMY	840	092
FL	112 with C10 10.3L Caterpillar diesel engine	01/1997	12/2003	MITSUBISHI	2-842	158
	120 with C10 10.3L Caterpillar diesel engine	01/1997	12/2003	MITSUBISHI	2-842	158
	120 with C12 12.0L Caterpillar diesel engine	01/1997	12/2003	MITSUBISHI	2-842	158
	C112 with C10 10.3L Caterpillar diesel engine	01/1997	12/2003	MITSUBISHI	2-842	158
	C112 with C12 12.0L Caterpillar diesel engine	01/1997	12/2003	MITSUBISHI	2-842	158
	C120 with C10 10.3L Caterpillar diesel engine	01/1997	12/2003	MITSUBISHI	2-842	158
	D112 with C10 10.3L Caterpillar diesel engine	01/1997	12/2003	MITSUBISHI	2-842	158
	D112 with C11 11.1L Caterpillar diesel engine	01/2004	12/2006	MITSUBISHI	2-842	158
	D112 with C12 12.0L Caterpillar diesel engine	01/1995	12/2003	MITSUBISHI	2-842	158
	D112 with C13 12.5L Caterpillar diesel engine	01/2004	12/2006	MITSUBISHI	2-842	158
	D112 with C15 14.6L Caterpillar diesel engine	01/1999	12/2003	MITSUBISHI	2-842	158
	D112 with C15 15.2L Caterpillar diesel engine	01/2004	12/2006	MITSUBISHI	2-842	158
	D120 with C10 10.3L Caterpillar diesel engine	01/1997	12/2003	MITSUBISHI	2-842	158
	D120 with C11 11.1L Caterpillar diesel engine	01/2004	12/2006	MITSUBISHI	2-842	158
	D120 with C12 12.0L Caterpillar diesel engine	01/1995	12/2003	MITSUBISHI	2-842	158
	D120 with C13 12.5L Caterpillar diesel engine	01/2004	12/2006	MITSUBISHI	2-842	158
	D120 with C15 14.6L Caterpillar diesel engine	01/1999	12/2003	MITSUBISHI	2-842	158
	D120 with C15 15.2L Caterpillar diesel engine	01/2004	12/2006	MITSUBISHI	2-842	158
		-	-	DELCO REMY	2-950	098
FL 50	5.9 L CID	01/1994	-	DELCO REMY	3-818	091
	com motor Cummins ISB (LH)	01/2000	12/2004	DELCO REMY	818	090
	com motor Cummins ISB (RH)	01/2000	12/2004	DELCO REMY	818	090
	com motor Cummins ISB 5.9 litros	01/1994	12/2004	DELCO REMY	818	090
	com motor Mercedes BR 904	01/2000	12/2004	DELCO REMY	818	090
	com motor Mercedes BR 906	01/2000	12/2004	DELCO REMY	818	090
	com motor Mercedes MBE 900	01/2000	12/2004	DELCO REMY	818	090
	with 5.9 liters Cummins ISB engine	01/1994	12/2004	DELCO REMY	818	090
	with Caterpillar 3126 engine	-	-	DELCO REMY	840	092
	with Caterpillar C7 engine	-	-	DELCO REMY	840	092
	with Cummins C 8.3L engine	-	-	PRESTOLITE	486	177

TABELA DE APLICAÇÃO
APPLICATION CHART

FREIGHTLINER		de /from	until	M.Part./Starter	ZM	Pag.
FL 50	with Cummins ISB (LH) engine	01/2000	12/2004	DELCO REMY	818	090
	with Cummins ISB (RH) engine	01/2000	12/2004	DELCO REMY	818	090
	with Cummins ISC engine	-	-	DELCO REMY	840	092
	with Cummins ISL engine	-	-	DELCO REMY	840	092
	with International DT466 engine	-	-	DELCO REMY	840	092
	with Mercedes BR 904 engine	01/2000	12/2004	DELCO REMY	818	090
	with Mercedes BR 906 engine	01/2000	12/2004	DELCO REMY	818	090
	with Mercedes Benz BR926 7.25L engine	-	-	DELCO REMY	840	092
	with Mercedes MBE 900 engine	01/2000	12/2004	DELCO REMY	818	090
FL 60	5.9 L CID	01/1998	-	DELCO REMY	3-818	091
	com motor Cummins ISB (LH)	01/2000	12/2004	DELCO REMY	818	090
	com motor Cummins ISB (RH)	01/2000	12/2004	DELCO REMY	818	090
	com motor Cummins ISC 8.3 litros	01/1994	01/2004	DELCO REMY	1-407	071
		01/1994	01/2004	DELCO REMY	407	071
	com motor Mercedes BR 904	01/2000	12/2004	DELCO REMY	818	090
	com motor Mercedes BR 906	01/2000	12/2004	DELCO REMY	818	090
	com motor Mercedes MBE 900	01/2000	12/2004	DELCO REMY	818	090
	with 5.9 liters Cummins ISB engine	01/1994	12/2004	DELCO REMY	818	090
	with 8.3 liters Cummins ISC engine	01/1994	01/2004	DELCO REMY	1-407	071
		01/1994	01/2004	DELCO REMY	407	071
		-	-	PRESTOLITE	486	177
	with Caterpillar 3126 engine	-	-	DELCO REMY	840	092
	with Caterpillar C7 engine	-	-	DELCO REMY	840	092
	with Cummins ISB (LH) engine	01/2000	12/2004	DELCO REMY	818	090
	with Cummins ISB (RH) engine	01/2000	12/2004	DELCO REMY	818	090
	with Cummins ISC engine	-	-	DELCO REMY	840	092
	with Cummins ISL engine	-	-	DELCO REMY	840	092
	with International DT466 engine	-	-	DELCO REMY	840	092
	with Mercedes BR 904 engine	01/2000	12/2004	DELCO REMY	818	090
	with Mercedes BR 906 engine	01/2000	12/2004	DELCO REMY	818	090
	with Mercedes Benz BR926 7.25L engine	-	-	DELCO REMY	840	092
	with Mercedes MBE 900 engine	01/2000	12/2004	DELCO REMY	818	090
FL 70	5.9 L CID	01/1998	-	DELCO REMY	3-818	091
	com motor Cummins ISB (LH)	01/2000	12/2004	DELCO REMY	818	090
	com motor Cummins ISB (RH)	01/2000	12/2004	DELCO REMY	818	090
	com motor Cummins ISB 5.9 litros	01/1994	12/2005	DELCO REMY	818	090
	com motor Cummins ISC 8.3 litros	01/1994	01/2005	DELCO REMY	1-407	071
		01/1994	01/2005	DELCO REMY	407	071
	com motor Mercedes BR 904	01/2000	12/2004	DELCO REMY	818	090
	com motor Mercedes BR 906	01/2000	12/2004	DELCO REMY	818	090
	com motor Mercedes MBE 900	01/2000	12/2004	DELCO REMY	818	090
	with 5.9 liters Cummins ISB engine	01/1994	-	DELCO REMY	3-818	091
		01/1994	12/2005	DELCO REMY	818	090
	with 8.3 liters Cummins ISC engine	01/1994	01/2005	DELCO REMY	1-407	071
		01/1994	01/2005	DELCO REMY	407	071
		-	-	PRESTOLITE	486	177
	with Caterpillar 3126 engine	-	-	DELCO REMY	840	092
	with Caterpillar C7 engine	-	-	DELCO REMY	840	092
	with Cummins ISB (LH) engine	01/2000	12/2004	DELCO REMY	818	090
	with Cummins ISB (RH) engine	01/2000	12/2004	DELCO REMY	818	090
	with Cummins ISC engine	-	-	DELCO REMY	840	092
	with Cummins ISL engine	-	-	DELCO REMY	840	092
	with International DT466 engine	-	-	DELCO REMY	840	092
	with Mercedes BR 904 engine	01/2000	12/2004	DELCO REMY	818	090
	with Mercedes BR 906 engine	01/2000	12/2004	DELCO REMY	818	090
	with Mercedes Benz BR926 7.25L engine	-	-	DELCO REMY	840	092
	with Mercedes MBE 900 engine	01/2000	12/2004	DELCO REMY	818	090
FL 80	5.9 L CID	01/1998	-	DELCO REMY	3-818	091
	com motor Cummins ISB (LH)	01/2000	12/2004	DELCO REMY	818	090

TABELA DE APLICAÇÃO
APPLICATION CHART

FREIGHTLINER		de /from	until	M.Part./Starter	ZM	Pag.
FL 80	com motor Cummins ISB (RH)	01/2000	12/2004	DELCO REMY	818	090
	com motor Cummins ISC 8.3 litros	01/1994	01/2004	DELCO REMY	1-407	071
		01/1994	01/2004	DELCO REMY	407	071
	com motor Mercedes BR 904	01/2000	12/2004	DELCO REMY	818	090
	com motor Mercedes BR 906	01/2000	12/2004	DELCO REMY	818	090
	com motor Mercedes MBE 900	01/2000	12/2004	DELCO REMY	818	090
	with 5.9 liters Cummins ISB engine	01/1994	-	DELCO REMY	3-818	091
	with 8.3 liters Cummins ISC engine	01/1994	01/2004	DELCO REMY	1-407	071
		01/1994	01/2004	DELCO REMY	407	071
		-	-	PRESTOLITE	486	177
	with Caterpillar 3126 engine	-	-	DELCO REMY	840	092
	with Caterpillar C7 engine	-	-	DELCO REMY	840	092
	with Cummins ISB (LH) engine	01/2000	12/2004	DELCO REMY	818	090
	with Cummins ISB (RH) engine	01/2000	12/2004	DELCO REMY	818	090
	with Cummins ISC engine	-	-	DELCO REMY	840	092
	with Cummins ISL engine	-	-	DELCO REMY	840	092
	with International DT466 engine	-	-	DELCO REMY	840	092
	with Mercedes BR 904 engine	01/2000	12/2004	DELCO REMY	818	090
	with Mercedes BR 906 engine	01/2000	12/2004	DELCO REMY	818	090
	with Mercedes Benz BR926 7.25L engine	-	-	DELCO REMY	840	092
	with Mercedes MBE 900 engine	01/2000	12/2004	DELCO REMY	818	090
FL 90	with Cummins C 8.3L engine	-	-	PRESTOLITE	486	177
FLA 120	with Cummins C 8.3L engine	-	-	PRESTOLITE	486	177
FLD 120	with Cummins C 8.3L engine	-	-	PRESTOLITE	486	177
FLD112 Class	with Cummins C 8.3L engine	-	-	PRESTOLITE	486	177
		-	-	DELCO REMY	841	092
FLT Series		-	-	DELCO REMY	1-950	098
FS 65	5.9 L CID	01/1996	-	DELCO REMY	3-818	091
Heavy-duty trucks		-	-	DELCO REMY	1-817	090
M2 100	with C11 11.1L Caterpillar diesel engine	01/2003	12/2006	MITSUBISHI	2-842	158
	with C13 12.5L Caterpillar diesel engine	01/2003	12/2006	MITSUBISHI	2-842	158
	with C9 8.8L Caterpillar diesel engine	01/2003	12/2006	MITSUBISHI	2-842	158
M2 106	6.4 L CID	01/2002	-	DELCO REMY	3-818	091
	7.2 L CID MBE 900	01/2013	-	DELCO REMY	3-818	091
	with C11 11.1L Caterpillar diesel engine	01/2003	12/2006	MITSUBISHI	2-842	158
	with C13 12.5L Caterpillar diesel engine	01/2003	12/2006	MITSUBISHI	2-842	158
	with C9 8.8L Caterpillar diesel engine	01/2003	12/2006	MITSUBISHI	2-842	158
M2 112	with C11 11.1L Caterpillar diesel engine	01/2003	12/2006	MITSUBISHI	2-842	158
	with C13 12.5L Caterpillar diesel engine	01/2003	12/2006	MITSUBISHI	2-842	158
	with C9 8.8L Caterpillar diesel engine	01/2003	12/2006	MITSUBISHI	2-842	158
M2 Business Class	com motor Cummins ISC 8.3 litros	01/2003	01/2007	DELCO REMY	1-407	071
		01/2003	01/2007	DELCO REMY	407	071
	com motor Mercedes MBE 900	01/2003	12/2007	DELCO REMY	818	090
	with 8.3 liters Cummins ISC engine	01/2003	01/2007	DELCO REMY	1-407	071
		01/2003	01/2007	DELCO REMY	407	071
	with Mercedes MBE 900 engine	01/2003	12/2007	DELCO REMY	818	090
		01/2003	12/2007	MITSUBISHI	2-842	158
MT 35	5.9 L CID	01/2004	-	DELCO REMY	3-818	091
MT 45	5.9 L CID	01/1998	-	DELCO REMY	3-818	091
MT 55	5.9 L CID	01/1999	-	DELCO REMY	3-818	091
Medium Trucks		-	-	DELCO REMY	1-817	090
Sterling Condor		-	-	DELCO REMY	841	092
Truck	With MBE 4000 12.8L	-	-	DELCO REMY	841	092
	with Mercedes Engines	-	-	DELCO REMY	2-407	071
		-	-	DELCO REMY	3-407	071
for truck Grid Heater	with 12V system	-	-	BOSCH	3-671	034
	with 24V system	-	-	BOSCH	4-671	035
		-	-	DELCO REMY	427	076

TABELA DE APLICAÇÃO
APPLICATION CHART

FREIGHTLINER		de /from	until	M.Part./Starter	ZM	Pag.
for truck Grid Heater		-	-	DELCO REMY	429	078
GEHL		de /from	until	M.Part./Starter	ZM	Pag.
Skid 4640		-	-	ISKRA	1-579	128
Skid 5640		-	-	ISKRA	1-579	128
Skid 6635DXT		-	-	ISKRA	1-579	128
Skid 6640		-	-	ISKRA	1-579	128
Skid SL5635DXT		-	-	ISKRA	1-579	128
Skid SL5635SXT		-	-	ISKRA	1-579	128
Skid SL5636DXT		-	-	ISKRA	1-579	128
Skid Steer	SL5625 with 204-25 engine	01/1988	12/1997	MITSUBISHI	1-895	160
	SL5625DX with 204-25 engine	01/1988	12/1997	MITSUBISHI	1-895	160
	SL5625SX with 204-25 engine	01/1988	12/1997	MITSUBISHI	1-895	160
	SL6625 with 204-30 engine	01/1988	12/1997	MITSUBISHI	1-895	160
	SL6625DX with 204-30 engine	01/1988	12/1997	MITSUBISHI	1-895	160
	SL6625SX with 204-30 engine	01/1988	12/1997	MITSUBISHI	1-895	160
		-	-	ISKRA	1-579	128
Skid Steer Loader 4840		-	-	ISKRA	1-579	128
GM-BUICK		de /from	until	M.Part./Starter	ZM	Pag.
Roadmaster	5.7 L	01/1994	12/1995	DELCO REMY	4-861	095
GM-CHEVROLET		de /from	until	M.Part./Starter	ZM	Pag.
Acadia	3.6L V6	01/2007	-	MITSUBISHI	5-995	169
Agile		01/2010	12/2013	DELCO REMY	6-860	094
		01/0111	12/1216	DELCO REMY	261	065
Astra	1.8 com motor OHC1	01/1999	-	VALEO	3-495	191
	2.0i 16V com motor C20SE	02/1999	07/2001	BOSCH	1-473	008
	Sedan 2.0i 16V com motor C20SE	02/1999	07/2001	BOSCH	1-473	008
	com motor 1.8 8V	-	12/2003	DELCO REMY	1-865	096
		-	-	DELCO REMY	6-860	094
	com motor 2.0 16V	-	-	DELCO REMY	2-860	093
		-	-	DELCO REMY	6-860	094
	com motor 2.0 8V	-	-	DELCO REMY	1-865	096
		-	-	DELCO REMY	2-860	093
		-	-	DELCO REMY	6-860	094
	com motor 2.2 16V	-	-	DELCO REMY	2-860	093
		-	-	DELCO REMY	6-860	094
	com motor 2.2 8V	-	-	DELCO REMY	1-865	096
		-	-	DELCO REMY	2-860	093
		-	-	DELCO REMY	6-860	094
	com motor 2.4 16V	-	-	DELCO REMY	2-860	093
		-	-	DELCO REMY	6-860	094
	com motor 2.4 8V	-	-	DELCO REMY	1-865	096
		-	-	DELCO REMY	2-860	093
		-	-	DELCO REMY	6-860	094
	com motor 4 cilindros	-	-	BOSCH	5-473	009
	with 4 cylinders engine	-	-	BOSCH	5-473	009
Astro Van	4.3 L (262) V6	01/1997	12/1997	DELCO REMY	860	093
		01/1997	-	DELCO REMY	8-860	094
Avalanche		01/2009	-	DELCO REMY	1-866	097
Aveo		-	-	VALEO	6-494	190
Beretta	2.2 L (134) L4	01/1990	12/1994	DELCO REMY	861	095
		01/1990	12/1994	DELCO REMY	4-861	095
	3.1 L (189) V6	01/1991	12/1994	DELCO REMY	861	095
		01/1991	12/1994	DELCO REMY	4-861	095
	I4 V6	01/1990	12/1993	DELCO REMY	862	095
Blazer	2.5 diesel com motor 4A	08/1997	-	BOSCH	975	061
	2.8 diesel com motor 4.07 TCA	02/2000	-	BOSCH	2-972	058
	4.3 L (262) V6	01/1996	12/1997	DELCO REMY	860	093
	4x2 Motor 2.2 EFI	03/1995	07/1995	BOSCH	872	051

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APPLICATION CHART

GM-CHEVROLET		de /from	until	M.Part./Starter	ZM	Pag.
Blazer	4x2 Motor MPFI 4.3 V6	01/1988	12/1990	DELCO REMY	4-861	095
	5.7 L (350) V8	01/1994	-	DELCO REMY	860	093
	6.2 L (379) V8 diesel	01/1989	12/1990	DELCO REMY	806	087
	6.5 L (395) V8 diesel	01/1994	-	DELCO REMY	806	087
	com motor 1.8 8V	-	12/2003	DELCO REMY	1-865	096
		-	12/2003	DELCO REMY	2-860	093
		-	-	DELCO REMY	6-860	094
	com motor 2.0 16V	-	-	DELCO REMY	2-860	093
		-	-	DELCO REMY	6-860	094
	com motor 2.0 8V	-	-	DELCO REMY	1-865	096
		-	-	DELCO REMY	2-860	093
		-	-	DELCO REMY	6-860	094
	com motor 2.2 16V	-	-	DELCO REMY	2-860	093
		-	-	DELCO REMY	6-860	094
	com motor 2.2 8V	-	-	DELCO REMY	1-865	096
		-	-	DELCO REMY	2-860	093
		-	-	DELCO REMY	6-860	094
	com motor 2.4 16V	-	-	DELCO REMY	2-860	093
		-	-	DELCO REMY	6-860	094
	com motor 2.4 8V	-	-	DELCO REMY	1-865	096
		-	-	DELCO REMY	2-860	093
		-	-	DELCO REMY	6-860	094
	com motor MWM e partida Mitsubishi	01/2002	-	MITSUBISHI	2-695	149
		01/1994	-	DELCO REMY	8-860	094
C series	C 20 com motor powertech C 41 GE	01/1996	-	BOSCH	1-475	010
	C 4 with 6.6 L Duramax	01/2003	12/2006	HITACHI	4-981	126
	C 5 with 6.6 L Duramax	01/2003	12/2006	HITACHI	4-981	126
	C20 com motor a gasolina 6 cilindros	01/1991	12/1994	PRESTOLITE	2-716	178
	C20 with 6 cylinders gasoline engine	01/1991	12/1994	PRESTOLITE	2-716	178
	Pick-up 6.6 L with diesel engine	01/2001	12/2003	HITACHI	4-981	126
C-10		-	-	DELCO REMY	551	085
C-14		-	-	DELCO REMY	551	085
C-20		-	-	PRESTOLITE	2-716	178
C-60		-	-	DELCO REMY	551	085
C1500		01/1988	-	DELCO REMY	8-860	094
C2500		01/1988	-	DELCO REMY	8-860	094
C3500		01/1994	-	DELCO REMY	8-860	094
Calibra	com motor 4 cilindros	-	-	BOSCH	5-473	009
	with 4 cylinders engine	-	-	BOSCH	5-473	009
Camaro	3.8 L (231) V6	01/1995	12/1996	DELCO REMY	860	093
	5.7 L	01/1993	12/1994	DELCO REMY	4-861	095
	5.7 L (350) V8	01/1995	12/1996	DELCO REMY	860	093
		01/1991	12/1995	DELCO REMY	862	095
Caminhão	12.170 com motor Caterpillar 3116	-	-	DELCO REMY	352	065
		-	-	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
	12.170 com motor Caterpillar 3126	-	-	DELCO REMY	352	065
		-	-	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
	14.190 com motor Caterpillar 3116	-	-	DELCO REMY	352	065
		-	-	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
	14.190 com motor Caterpillar 3126	-	-	DELCO REMY	352	065
		-	-	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079

TABELA DE APLICAÇÃO
APPLICATION CHART

GM-CHEVROLET		de /from	until	M.Part./Starter	ZM	Pag.
Caminhão	15.190 com motor Caterpillar 3116	-	-	DELCO REMY	352	065
		-	-	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
	15.190 com motor Caterpillar 3126	-	-	DELCO REMY	352	065
		-	-	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
	16.220 com motor Caterpillar 3116	-	-	DELCO REMY	352	065
		-	-	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
	16.220 com motor Caterpillar 3126	-	-	DELCO REMY	352	065
		-	-	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
	com motor diesel Perkins 6 cilindros	-	-	WAPSA	501	201
		-	-	WAPSA	506	202
Caprice	5.7 L	01/1994	12/1995	DELCO REMY	4-861	095
	5.7 L (350) V8	01/1996	-	DELCO REMY	860	093
	5.7 L (350) V8 diesel	01/1984	12/1985	HITACHI	686	117
Captiva	3.6L V6	-	-	MITSUBISHI	5-995	169
		01/2012	-	DELCO REMY	1-866	097
Caravan		-	-	DELCO REMY	551	085
Cavalier	2.2 L (134) L4	01/1998	12/2000	DELCO REMY	860	093
		01/1990	12/1994	DELCO REMY	861	095
		01/1990	12/1994	DELCO REMY	4-861	095
	3.1 L (189) V6	01/1990	12/1993	DELCO REMY	861	095
		01/1990	12/1993	DELCO REMY	4-861	095
	I4 V6	01/1990	12/1993	DELCO REMY	862	095
Celta	1.0 MPFI	02/2002	12/2002	BOSCH	2-775	046
	1.0 VHC	10/2002	03/2006	BOSCH	2-775	046
	1.0 VHC Flexpower	06/2005	03/2006	BOSCH	2-775	046
	1.0 com motor OHC1	07/2000	-	VALEO	494	189
	1.0i com motor C 10 NE	08/2000	12/2002	BOSCH	2-775	046
	1.4 MPFI	04/2006	12/2006	BOSCH	2-775	046
	1.4 com motor OHC1	07/2000	-	VALEO	494	189
		01/2001	12/2013	DELCO REMY	6-860	094
Chevette	1.0	02/1992	12/1993	BOSCH	574	022
	1.4	06/1974	08/1987	BOSCH	574	022
	1.4 com motor a gasolina	08/1976	01/1981	BOSCH	522	013
		02/1975	07/1976	BOSCH	524	013
	1.4 com motor a álcool	08/1976	01/1981	BOSCH	522	013
		02/1975	07/1976	BOSCH	524	013
	1.6	08/1982	07/1987	BOSCH	574	022
	1.6 S	08/1990	12/1994	BOSCH	574	022
	1.8 L (110) L4 diesel engine	01/1981	12/1985	HITACHI	780	122
	Hatch 1.4	06/1974	08/1987	BOSCH	574	022
	Hatch 1.6	08/1982	10/1994	BOSCH	574	022
Chevy	500 1.6	08/1982	07/1987	BOSCH	574	022
	500 1.6 S	08/1987	02/1992	BOSCH	574	022
	Joy 1.6	01/1994	12/2004	BOSCH	5-775	047
	Monza 1.6	01/1996	12/2004	BOSCH	5-775	047
	Pick-up 1.6	01/1995	12/2004	BOSCH	5-775	047
	Popular 1.4	01/1996	12/2004	BOSCH	5-775	047
	Swing 1.4	01/1994	12/2004	BOSCH	5-775	047
	Swing 1.6	01/1994	12/2004	BOSCH	5-775	047
	Taxi 1.4	01/1994	12/2004	BOSCH	5-775	047
Cheyenne		01/2009	-	DELCO REMY	1-866	097

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GM-CHEVROLET		de /from	until	M.Part./Starter	ZM	Pag.
Cobalt		01/2008	-	DELCO REMY	1-866	097
		01/2012	12/2013	DELCO REMY	6-860	094
		01/0111	12/1216	DELCO REMY	261	065
Colorado		01/2009	-	DELCO REMY	1-866	097
		-	-	VALEO	7-494	190
Corsa	1.0	01/1994	-	VALEO	591	197
	1.0 16V com motor EFI/MPFI OHC1	05/1994	03/2003	VALEO	494	189
	1.0 com motor EFI/MPFI OHC1	05/1994	03/2003	VALEO	494	189
	1.4	01/1994	-	VALEO	591	197
	1.4 com motor EFI/MPFI OHC1	05/1994	03/2003	VALEO	494	189
	1.6 16V com motor EFI/MPFI OHC1	05/1994	03/2003	VALEO	494	189
	1.6 EFI com motor B 16 NZ SOHC	08/1998	-	BOSCH	2-775	046
	1.6 EFI com motor NZ SOHZ	05/1995	07/1998	BOSCH	775	046
	1.6 com motor EFI/MPFI OHC1	05/1994	03/2003	VALEO	494	189
	1.8 Flexpower	07/2003	-	VALEO	3-495	191
	1.8 com motor EFI; MPFI e OHC1	07/2002	-	VALEO	3-495	191
	Combo com motor 1.4	-	12/1997	PRESTOLITE	2-484	175
	Combo com motor 1.6	-	12/1997	PRESTOLITE	2-484	175
	Pick up 1.6 16V com motor EFI/MPFI OHC1	05/1994	-	VALEO	494	189
	Pick up 1.6 com motor EFI/MPFI OHC1	05/1994	-	VALEO	494	189
	Sedan 1.0 16V com motor EFI/MPFI OHC1	05/1994	-	VALEO	494	189
	Sedan 1.0 com motor EFI/MPFI OHC1	05/1994	-	VALEO	494	189
	Sedan 1.6 16V com motor EFI/MPFI OHC1	05/1994	-	VALEO	494	189
	Sedan 1.6 com motor EFI/MPFI OHC1	05/1994	-	VALEO	494	189
	Sedan 1.8 Flexpower	07/2003	-	VALEO	3-495	191
	Sedan 1.8 com motor EFI/MPFI OHC1	07/2002	-	VALEO	3-495	191
	Wagon 1.0 16V com motor EFI/MPFI OHC1	02/1996	-	VALEO	494	189
	Wagon 1.0 com motor EFI/MPFI OHC1	02/1996	-	VALEO	494	189
	Wagon 1.6 16V com motor EFI/MPFI OHC1	02/1996	-	VALEO	494	189
	Wagon 1.6 com motor EFI/MPFI OHC1	02/1996	-	VALEO	494	189
	com motor 1.4	-	12/1997	PRESTOLITE	2-484	175
	com motor 1.6	-	12/1997	PRESTOLITE	2-484	175
	com motor Powertech 1.4	-	-	PRESTOLITE	3-484	175
	com motor Powertech 1.6	-	-	PRESTOLITE	3-484	175
	with 1.4 Powertech engine	-	-	PRESTOLITE	3-484	175
	with 1.6 Powertech engine	-	-	PRESTOLITE	3-484	175
		01/1994	12/2013	DELCO REMY	6-860	094
		01/0111	12/1216	DELCO REMY	261	065
Corsica	3.1 L (189) V6	01/1991	12/1994	DELCO REMY	861	095
		01/1991	12/1994	DELCO REMY	4-861	095
	2.2 L (134) L4	01/1990	12/1994	DELCO REMY	861	095
		01/1990	12/1994	DELCO REMY	4-861	095
	I4 V6	01/1991	12/1992	DELCO REMY	862	095
Corvette		01/2006	-	DELCO REMY	1-866	097
D 20	c/ motor Maxion	-	-	DELCO REMY	3-818	091
D 6000	Plus com motor S4T	03/1992	-	BOSCH	531	014
		03/1992	-	BOSCH	531	015
		03/1992	-	BOSCH	631	027
	com motor S4	03/1992	-	BOSCH	531	014
		03/1992	-	BOSCH	531	015
		03/1992	-	BOSCH	631	027
	com motor S4T	03/1992	-	BOSCH	531	014
		03/1992	-	BOSCH	531	015
		03/1992	-	BOSCH	631	027
D series	D 20 4.2 L com motor MWM Sprint 6 cilindros	-	-	PRESTOLITE	482	173
	D 20 Plus com motor maxion S4T	03/1992	10/1996	BOSCH	531	014
		03/1992	10/1996	BOSCH	531	015
		03/1992	10/1996	BOSCH	631	027
	D 20 com motor maxion S4	03/1992	10/1995	BOSCH	531	014

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GM-CHEVROLET		de /from	until	M.Part./Starter	ZM	Pag.
D series	D 20 com motor maxion S4	03/1992	10/1995	BOSCH	531	015
		03/1992	10/1995	BOSCH	631	027
		-	-	PRESTOLITE	481	172
	D 20 com motor maxion S4T	03/1992	08/1997	BOSCH	531	014
		03/1992	08/1997	BOSCH	531	015
		03/1992	08/1997	BOSCH	631	027
	D 20 with Perkins engine	-	-	PRESTOLITE	803	180
El Camino	5.7 L (350) V8 diesel	01/1984	-	HITACHI	686	117
Equinox	3.0L V6	01/2008	12/2011	MITSUBISHI	5-995	169
	3.6L V6	01/2008	12/2009	MITSUBISHI	5-995	169
		01/2006	-	DELCO REMY	1-866	097
Espero	2.0	-	-	DELCO REMY	1-865	096
Express	Van 6.5 L (395) V8 diesel	01/9999	12/2001	DELCO REMY	806	087
		01/2010	-	DELCO REMY	1-866	097
		01/1996	-	DELCO REMY	8-860	094
G series	G20	01/1994	-	DELCO REMY	8-860	094
	G30	01/1994	-	DELCO REMY	8-860	094
	Van 6.2 L (379) V8 diesel	01/1989	12/1992	DELCO REMY	806	087
	Van 6.5 L (395) V8 diesel	01/1994	12/1997	DELCO REMY	806	087
Gran Blazer	4.2 L com motor MWM Sprint 6 cilindros	-	-	PRESTOLITE	482	173
HHR		01/2008	-	DELCO REMY	1-866	097
Heavy-Duty Trucks	with 3208 Caterpillar diesel engine	01/1986	12/1993	DELCO REMY	457	081
		01/1986	12/1993	DELCO REMY	357	068
	with 8.2 liters Detroit diesel engine	01/1983	12/1985	DELCO REMY	451	078
		01/1983	12/1985	DELCO REMY	351	065
		-	-	DELCO REMY	1-950	098
Heavy-Duty Trucks B6	with 8.2 liters DD engine	01/1983	12/1985	DELCO REMY	451	078
		01/1983	12/1985	DELCO REMY	351	065
Heavy-Duty Trucks B7	with 6.6 liters 3116 Caterpillar diesel engine	01/1993	12/1998	DELCO REMY	352	065
		01/1993	12/1998	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
Heavy-Duty Trucks C50	with 6.6 liters 3116 Caterpillar diesel engine	01/1990	12/2000	DELCO REMY	352	065
		01/1990	12/2000	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
Heavy-Duty Trucks C5500	with 6.6 liters 3116 Caterpillar diesel engine	01/1990	12/2000	DELCO REMY	352	065
		01/1990	12/2000	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
Heavy-Duty Trucks C60	with 3208 Caterpillar diesel engine	-	-	DELCO REMY	457	081
		-	-	DELCO REMY	357	068
	with 6.6 liters 3116 Caterpillar diesel engine	01/1990	12/2000	DELCO REMY	352	065
		01/1990	12/2000	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
	with 8.2 liters DD engine	01/1983	12/1985	DELCO REMY	451	078
		01/1983	12/1985	DELCO REMY	351	065
Heavy-Duty Trucks C6500	with 7.2 liters C7 Caterpillar diesel engine	01/1997	12/2002	DELCO REMY	352	065
		01/1997	12/2002	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
	with 8.2 liters DD engine	01/1989	12/1990	DELCO REMY	466	084
		01/1989	12/1990	DELCO REMY	366	070
	with Caterpillar 3116 6.6 liters diesel engine	01/1990	12/2002	DELCO REMY	352	065
		01/1990	12/2002	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
Heavy-Duty Trucks	with 3208 Caterpillar diesel engine	01/1986	12/1989	DELCO REMY	457	081

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GM-CHEVROLET		de /from	until	M.Part./Starter	ZM	Pag.
Heavy-Duty Trucks C6D	with 3208 Caterpillar diesel engine	01/1986	12/1989	DELCO REMY	357	068
	with 8.2 liters DD engine	01/1983	12/1985	DELCO REMY	451	078
		01/1983	12/1985	DELCO REMY	351	065
Heavy-Duty Trucks C7500	with 6.6 liters 3116 Caterpillar diesel engine	01/1990	12/2002	DELCO REMY	352	065
		01/1990	12/2002	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
	with 7.2 liters C7 Caterpillar diesel engine	01/1997	12/2002	DELCO REMY	352	065
		01/1997	12/2002	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
	with 8.2 liters DD engine	01/1989	12/1990	DELCO REMY	466	084
		01/1989	12/1990	DELCO REMY	366	070
Heavy-Duty Trucks C7D	with 3208 Caterpillar diesel engine	01/1986	12/1989	DELCO REMY	457	081
		01/1986	12/1989	DELCO REMY	357	068
	with 8.2 liters DD engine	01/1983	12/1985	DELCO REMY	451	078
		01/1983	12/1985	DELCO REMY	351	065
Heavy-Duty Trucks C80	with 6.6 liters 3116 Caterpillar diesel engine	01/1990	12/2000	DELCO REMY	352	065
		01/1990	12/2000	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
Heavy-Duty Trucks C8500	with 6.6 liters 3116 Caterpillar diesel engine	01/1990	12/2000	DELCO REMY	352	065
		01/1990	12/2000	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
	with 7.2 liters C7 Caterpillar diesel engine	01/1997	12/2002	DELCO REMY	352	065
		01/1997	12/2002	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
Heavy-Duty Trucks J8C	with 3208 Caterpillar diesel engine	01/1986	12/1988	DELCO REMY	457	081
		01/1986	12/1988	DELCO REMY	357	068
Heavy-Duty Trucks J9C Bruin	with 3208 Caterpillar diesel engine	01/1986	12/1988	DELCO REMY	457	081
		01/1986	12/1988	DELCO REMY	357	068
Heavy-Duty Trucks Kodiak	with 3208 Caterpillar diesel engine	01/1986	12/1990	DELCO REMY	457	081
		01/1986	12/1990	DELCO REMY	357	068
Heavy-Duty Trucks Topkick	with 3208 Caterpillar diesel engine	01/1986	12/1990	DELCO REMY	457	081
		01/1986	12/1990	DELCO REMY	357	068
Impala	3.4L (207) V6	01/2000	-	DELCO REMY	860	093
	5.7L	01/1995	-	DELCO REMY	4-861	095
	5.7L (350) V8	01/1996	-	DELCO REMY	860	093
	5.7L (350) V8 diesel	01/1984	12/1985	HITACHI	686	117
		01/2006	-	DELCO REMY	1-866	097
Ipanema	1.8	03/1991	-	BOSCH	872	051
		-	-	DELCO REMY	6-860	094
	1.8 com motor a gasolina	-	-	BOSCH	572	021
	1.8 com motor a álcool	-	-	BOSCH	572	021
	1.8i	03/1991	-	BOSCH	872	051
	2.0	03/1991	-	BOSCH	872	051
	2.0i	03/1991	-	BOSCH	872	051
K series	Pick-up 6.6 L with diesel engine	01/2001	12/2003	HITACHI	4-981	126
Kadett	1.8	03/1991	-	BOSCH	872	051
		-	-	DELCO REMY	6-860	094
	1.8 com motor a gasolina	-	-	BOSCH	572	021
	1.8 com motor a álcool	-	-	BOSCH	572	021
	1.8i	03/1991	-	BOSCH	872	051
	2.0	03/1991	-	BOSCH	872	051
		-	-	DELCO REMY	6-860	094
	2.0 Gsi	03/1991	-	BOSCH	872	051
	2.0 com motor a gasolina	-	-	BOSCH	572	021

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GM-CHEVROLET		de /from	until	M.Part./Starter	ZM	Pag.
Kadett	2.0 com motor a álcool	-	-	BOSCH	572	021
	2.0i	03/1991	-	BOSCH	872	051
Kodiak	C4500	01/2003	-	DELCO REMY	8-860	094
	C5500	01/2003	-	DELCO REMY	8-860	094
	C6500	01/2001	-	DELCO REMY	8-860	094
	C7500	01/2001	-	DELCO REMY	8-860	094
	with 6.6 liters diesel engine	-	-	HITACHI	4-981	126
Lumina	3.1 L (189) V6	01/1997	12/1999	DELCO REMY	860	093
	3.4 L (207) V6	01/1996	12/1996	DELCO REMY	860	093
	I4 V6	01/1991	12/1993	DELCO REMY	862	095
Malibu	3.1L (189) V6	01/1997	12/1999	DELCO REMY	860	093
	3.6L V6	01/2008	12/2011	MITSUBISHI	5-995	169
		01/2006	-	DELCO REMY	1-866	097
Marajó	1.4 com motor a gasolina	08/1976	01/1981	BOSCH	522	013
		02/1975	07/1976	BOSCH	524	013
	1.4 com motor a álcool	08/1976	01/1981	BOSCH	522	013
		02/1975	07/1976	BOSCH	524	013
	com motor 1.4	06/1974	08/1987	BOSCH	574	022
	com motor 1.6	08/1982	07/1987	BOSCH	574	022
	com motor 1.6 S	08/1987	04/1990	BOSCH	574	022
Maverick	com motor 6 cilindros	-	-	BOSCH	523	013
	with 6 cylinders engine	-	-	BOSCH	523	013
Medium Trucks	with 3208 Caterpillar diesel engine	01/1986	12/1993	DELCO REMY	457	081
		01/1986	12/1993	DELCO REMY	357	068
	with 8.2 liters Detroit diesel engine	01/1983	12/1985	DELCO REMY	451	078
		01/1983	12/1985	DELCO REMY	351	065
		-	-	DELCO REMY	1-950	098
Medium Trucks B6	with 8.2 liters DD engine	01/1983	12/1985	DELCO REMY	451	078
		01/1983	12/1985	DELCO REMY	351	065
Medium Trucks B7	with 6.6 liters 3116 Caterpillar diesel engine	01/1993	12/1998	DELCO REMY	352	065
		01/1993	12/1998	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
Medium Trucks C50	with 6.6 liters 3116 Caterpillar diesel engine	01/1990	12/2000	DELCO REMY	352	065
		01/1990	12/2000	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
Medium Trucks C5500	with 6.6 liters 3116 Caterpillar diesel engine	01/1990	12/2000	DELCO REMY	352	065
		01/1990	12/2000	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
Medium Trucks C60	with 3208 Caterpillar diesel engine	01/1986	12/1989	DELCO REMY	457	081
		01/1986	12/1989	DELCO REMY	357	068
	with 8.2 liters DD engine	01/1983	12/1985	DELCO REMY	451	078
		01/1983	12/1985	DELCO REMY	351	065
Medium Trucks C6500	with 6.6 liters 3116 Caterpillar diesel engine	01/1990	12/2002	DELCO REMY	352	065
		01/1990	12/2002	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
	with 7.2 liters C7 Caterpillar diesel engine	01/1997	12/2000	DELCO REMY	352	065
		01/1997	12/2000	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
	with 8.2 liters DD engine	01/1989	12/1990	DELCO REMY	466	084
		01/1989	12/1990	DELCO REMY	366	070
Medium Trucks C6D	with 3208 Caterpillar diesel engine	01/1986	12/1989	DELCO REMY	457	081
		01/1986	12/1989	DELCO REMY	357	068
	with 8.2 liters DD engine	01/1983	12/1985	DELCO REMY	451	078
		01/1983	12/1985	DELCO REMY	351	065

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GM-CHEVROLET		de /from	until	M.Part./Starter	ZM	Pag.
Medium Trucks C70	with 3208 Caterpillar diesel engine	01/1986	12/1989	DELCO REMY	457	081
		01/1986	12/1989	DELCO REMY	357	068
	with 6.6 liters 3116 Caterpillar diesel engine	01/1990	12/2000	DELCO REMY	352	065
		01/1990	12/2000	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
	with 8.2 liters DD engine	01/1983	12/1985	DELCO REMY	451	078
		01/1983	12/1985	DELCO REMY	351	065
Medium Trucks C7500	with 6.6 liters 3116 Caterpillar diesel engine	01/1990	12/2002	DELCO REMY	352	065
		01/1990	12/2002	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
	with 7.2 liters C7 Caterpillar diesel engine	01/1997	12/2002	DELCO REMY	352	065
		01/1997	12/2002	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
	with 8.2 liters DD engine	01/1989	12/1990	DELCO REMY	466	084
		01/1989	12/1990	DELCO REMY	366	070
Medium Trucks C7D	with 3208 Caterpillar diesel engine	01/1986	12/1989	DELCO REMY	457	081
		01/1986	12/1989	DELCO REMY	357	068
	with 8.2 liters DD engine	01/1983	12/1985	DELCO REMY	451	078
		01/1983	12/1985	DELCO REMY	351	065
Medium Trucks C80	with 6.6 liters 3116 Caterpillar diesel engine	01/1990	12/2000	DELCO REMY	352	065
		01/1990	12/2000	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
Medium Trucks C8500	with 6.6 liters 3116 Caterpillar diesel engine	01/1990	12/2000	DELCO REMY	352	065
		01/1990	12/2000	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
	with 7.2 liters C7 Caterpillar diesel engine	01/1997	12/2002	DELCO REMY	352	065
		01/1997	12/2002	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
Medium Trucks J8C	with 3208 Caterpillar diesel engine	01/1986	12/1988	DELCO REMY	457	081
		01/1986	12/1988	DELCO REMY	357	068
Medium Trucks J9C Bruin	with 3208 Caterpillar diesel engine	01/1986	12/1988	DELCO REMY	457	081
		01/1986	12/1988	DELCO REMY	357	068
Medium Trucks Kodiak	with 3208 Caterpillar diesel engine	01/1986	12/1990	DELCO REMY	457	081
		01/1986	12/1990	DELCO REMY	357	068
Medium Trucks Topkick	with 3208 Caterpillar diesel engine	01/1986	12/1990	DELCO REMY	457	081
		01/1986	12/1990	DELCO REMY	357	068
Meriva	1.8 com motor OHC	01/2002	-	VALEO	3-495	191
	com motor 1.8 16V DOCH	-	-	DELCO REMY	2-860	093
		-	-	DELCO REMY	6-860	094
	com motor 1.8 8V SOHC	-	-	DELCO REMY	2-860	093
		-	-	DELCO REMY	6-860	094
		01/2002	12/2012	DELCO REMY	6-860	094
Montana	com motor 1.8 16V DOCH	-	-	DELCO REMY	2-860	093
		-	-	DELCO REMY	6-860	094
	com motor 1.8 8V SOHC	-	-	DELCO REMY	2-860	093
		-	-	DELCO REMY	6-860	094
		01/2002	12/2012	DELCO REMY	6-860	094
		01/0111	12/1216	DELCO REMY	261	065
Monte Carlo	3.1L (189) V6	01/1997	12/1998	DELCO REMY	860	093
	3.4L (207) V6	01/1996	12/1996	DELCO REMY	860	093
	5.7L (350) V8 diesel	01/1984	-	HITACHI	686	117
		01/2006	-	DELCO REMY	1-866	097
		01/2009	-	DELCO REMY	1-866	097

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GM-CHEVROLET		de /from	until	M.Part./Starter	ZM	Pag.
Monza	1.6	01/1982	-	BOSCH	872	051
	1.6 com motor a gasolina	-	-	BOSCH	572	021
	1.6 com motor a álcool	-	-	BOSCH	572	021
	1.8	01/1982	-	BOSCH	872	051
	1.8 com motor a gasolina	-	-	BOSCH	572	021
	1.8 com motor a álcool	-	-	BOSCH	572	021
	1.8i	01/1982	-	BOSCH	872	051
	2.0	01/1982	-	BOSCH	872	051
	2.0 com motor a gasolina	-	-	BOSCH	572	021
	2.0 com motor a álcool	-	-	BOSCH	572	021
	2.0MPFi	03/1991	-	BOSCH	872	051
	2.0i	01/1982	-	BOSCH	872	051
	2.0i com motor a gasolina	-	-	BOSCH	572	021
	2.0i com motor a álcool	-	-	BOSCH	572	021
	Classic	03/1991	-	BOSCH	872	051
	com motor 1.6 8V	-	-	DELCO REMY	6-860	094
	com motor 1.8 8V	-	12/2003	DELCO REMY	1-865	096
		-	-	DELCO REMY	6-860	094
	com motor 2.0 8V	-	-	DELCO REMY	1-865	096
		-	-	DELCO REMY	6-860	094
	com motor 2.2 8V	-	-	DELCO REMY	1-865	096
	com motor 2.4 8V	-	-	DELCO REMY	1-865	096
	com transmissão automática	-	-	BOSCH	572	021
N200		-	-	VALEO	6-491	186
N300		-	-	VALEO	6-491	186
N300P		-	-	VALEO	6-491	186
Novo Corsa	1.0 com motor MPFI VHC	07/2002	-	VALEO	494	189
	Sedan 1.0 com motor MPFI VHC	07/2002	-	VALEO	494	189
	com motor 1.8 16V DOCH	-	-	DELCO REMY	2-860	093
		-	-	DELCO REMY	6-860	094
	com motor 1.8 8V SOHC	-	-	DELCO REMY	2-860	093
		-	-	DELCO REMY	6-860	094
		01/2002	12/2012	DELCO REMY	6-860	094
Omega	(Australian) with 3.8 V6 engine	03/1998	-	BOSCH	1-873	052
	(Australiano) com motor 3.8 V6	03/1998	-	BOSCH	1-873	052
	3.0i com motor C 30 NE-Kat	02/1992	12/1994	BOSCH	1-475	010
	4.1 L motor a gasolina 6 cil.	-	-	MITSUBISHI	2-795	156
	4.1i com motor C 41 GE SOHC-Kat	10/1994	10/1998	BOSCH	1-475	010
	Suprema 3.0i com motor C 30 NE-Kat	04/1993	12/1994	BOSCH	1-475	010
	Suprema 4.1 L motor a gasolina 6 cil.	-	-	MITSUBISHI	2-795	156
	Suprema 4.1i com motor C 41 GE SOHC-Kat	10/1994	12/1996	BOSCH	1-475	010
Onix		01/0111	12/1216	DELCO REMY	261	065
Opala	com motor 6 cilindros	-	-	BOSCH	523	013
	with 6 cylinders engine	-	-	BOSCH	523	013
		-	-	DELCO REMY	551	085
P series	P30	01/1994	-	DELCO REMY	8-860	094
	Truck with 8.2 liters DD engine	01/1983	12/1985	DELCO REMY	451	078
		01/1983	12/1985	DELCO REMY	351	065
Pick-up	com motor diesel Perkins 4 cilindros	-	-	WAPSA	501	201
		-	-	WAPSA	506	202
Prisma		01/2001	12/2013	DELCO REMY	6-860	094
		01/0111	12/1216	DELCO REMY	261	065
R series	Pick-up 6.6 L with diesel engine	01/2001	12/2003	HITACHI	4-981	126
S10	2.2 EFi	03/1995	07/1995	BOSCH	872	051
	2.5 Diesel com motor Maxion	01/1999	-	VALEO	597	199
	2.8 diesel com motor 4.07 TCA	03/2001	-	BOSCH	2-972	058
	2.8 diesel com motor Sprint 4.07 TCA	02/2000	-	BOSCH	2-972	058
	Pick-up 2.2 L (134) L4	01/1999	12/2000	DELCO REMY	860	093
	com motor 1.8 8V	-	12/2003	DELCO REMY	1-865	096

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GM-CHEVROLET		de /from	until	M.Part./Starter	ZM	Pag.
S10	com motor 1.8 8V	-	12/2003	DELCO REMY	2-860	093
		-	-	DELCO REMY	6-860	094
	com motor 2.0 16V	-	-	DELCO REMY	2-860	093
		-	-	DELCO REMY	6-860	094
	com motor 2.0 8V	-	-	DELCO REMY	1-865	096
		-	-	DELCO REMY	2-860	093
		-	-	DELCO REMY	6-860	094
	com motor 2.2 16V	-	-	DELCO REMY	2-860	093
		-	-	DELCO REMY	6-860	094
	com motor 2.2 8V	-	-	DELCO REMY	1-865	096
		-	-	DELCO REMY	2-860	093
		-	-	DELCO REMY	6-860	094
	com motor 2.4 16V	-	-	DELCO REMY	2-860	093
		-	-	DELCO REMY	6-860	094
	com motor 2.4 8V	-	-	DELCO REMY	1-865	096
		-	-	DELCO REMY	2-860	093
		-	-	DELCO REMY	6-860	094
	com motor MWM e partida Mitsubishi	01/2002	-	MITSUBISHI	2-695	149
		01/1988	-	DELCO REMY	8-860	094
		-	-	VALEO	7-494	190
Sail		-	-	VALEO	6-494	190
Silverado	4.1 L com motor a gasolina 6 cil.	-	-	MITSUBISHI	2-795	156
	4.1 com motor powertech C 41 GE	11/1996	-	BOSCH	1-475	010
	4.2 L com motor MWM Sprint 6 cilindros	-	-	PRESTOLITE	482	173
	4x2 Motor Maxion 4.1 L S4 4 cilindros	-	-	DELCO REMY	3-818	091
		-	-	PRESTOLITE	481	172
	com motor MWM e partida Mitsubishi	01/2002	-	MITSUBISHI	2-695	149
	com motor a gasolina 6 cilindros	-	12/1997	PRESTOLITE	2-716	178
	with 6 cylinders gasoline engine	-	12/1997	PRESTOLITE	2-716	178
	with 6.6 liters diesel engine	01/2001	12/2007	HITACHI	4-981	126
		01/2010	-	DELCO REMY	1-866	097
		01/2001	-	DELCO REMY	8-860	094
Sonic		-	-	VALEO	6-494	190
Spark	1.2L	01/2013	12/1216	DELCO REMY	261	065
Spectrum	1.5 L (92) L4	01/1985	12/1988	DENSO	705	103
Spin		01/2013	12/1216	DELCO REMY	261	065
Suburban	6.2 L (379) V8 diesel	01/1989	12/1990	DELCO REMY	806	087
	6.5 L (395) V8 diesel	01/1994	-	DELCO REMY	806	087
		01/2009	-	DELCO REMY	1-866	097
		01/2001	-	DELCO REMY	8-860	094
Tahoe		01/2009	-	DELCO REMY	1-866	097
		01/1995	-	DELCO REMY	8-860	094
Terrain	3.0L V6	01/2010	-	MITSUBISHI	5-995	169
Tigra		01/1998	12/1998	VALEO	591	197
Tracker	2.0 L Diesel Engine	01/2001	12/2003	MITSUBISHI	699	152
Trailblazer		01/2009	-	DELCO REMY	1-866	097
		-	-	VALEO	7-494	190
Traverse	3.6L V6	01/2009	12/2011	MITSUBISHI	5-995	169
Uplander		01/2006	-	DELCO REMY	1-866	097
V series	Pick-up 6.6 L with diesel engine	01/2001	12/2003	HITACHI	4-981	126
Vans	with 8.2 liters DD engine	01/1983	12/1985	DELCO REMY	451	078
		01/1983	12/1985	DELCO REMY	351	065
Vectra	2.0i 16V com motor C20SE	04/1996	11/1997	BOSCH	1-473	008
	com motor 1.8 8V	-	12/2003	DELCO REMY	1-865	096
		-	12/2003	DELCO REMY	2-860	093
		-	-	DELCO REMY	6-860	094
	com motor 2.0 16V	-	-	DELCO REMY	2-860	093
	com motor 2.0 8V	-	-	DELCO REMY	1-865	096
		-	-	DELCO REMY	2-860	093

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GM-CHEVROLET		de /from	until	M.Part./Starter	ZM	Pag.
Vectra	com motor 2.0 8V	-	-	DELCO REMY	6-860	094
	com motor 2.2 16V	-	-	DELCO REMY	2-860	093
	com motor 2.2 8V	-	-	DELCO REMY	1-865	096
		-	-	DELCO REMY	2-860	093
		-	-	DELCO REMY	6-860	094
	com motor 2.4 16V	-	-	DELCO REMY	1-865	096
		-	-	DELCO REMY	2-860	093
		-	-	DELCO REMY	6-860	094
	com motor 2.4 8V	-	-	DELCO REMY	2-860	093
	com motor 4 cilindros	-	-	BOSCH	5-473	009
	with 4 cylinders engine	-	-	BOSCH	5-473	009
Veraneio		-	-	DELCO REMY	551	085
Zafira	2.0i SFI 16V com motor C20SE	04/2001	-	BOSCH	1-473	008
	com motor 1.8 8V	-	12/2003	DELCO REMY	1-865	096
		-	12/2003	DELCO REMY	2-860	093
		-	-	DELCO REMY	6-860	094
	com motor 2.0 16V	-	-	DELCO REMY	2-860	093
		-	-	DELCO REMY	6-860	094
	com motor 2.0 8V	-	-	DELCO REMY	1-865	096
		-	-	DELCO REMY	2-860	093
		-	-	DELCO REMY	6-860	094
	com motor 2.2 16V	-	-	DELCO REMY	2-860	093
		-	-	DELCO REMY	6-860	094
	com motor 2.2 8V	-	-	DELCO REMY	1-865	096
		-	-	DELCO REMY	2-860	093
		-	-	DELCO REMY	6-860	094
	com motor 2.4 16V	-	-	DELCO REMY	2-860	093
		-	-	DELCO REMY	6-860	094
	com motor 2.4 8V	-	-	DELCO REMY	1-865	096
		-	-	DELCO REMY	2-860	093
		-	-	DELCO REMY	6-860	094

GM-HOLDEN		de /from	until	M.Part./Starter	ZM	Pag.
Calais	5.0 with VU engine	04/1995	05/1996	BOSCH	1-873	052
Caprice	5.0 with VU engine	03/1995	08/1996	BOSCH	1-873	052
Statesman	5.0 with VU engine	03/1995	08/1996	BOSCH	1-873	052

GM-ISUZU		de /from	until	M.Part./Starter	ZM	Pag.
Campo	2.0 4WD with G200Z engine	06/1985	12/1988	HITACHI	1-684	116
		06/1985	12/1988	HITACHI	683	116
		06/1985	12/1988	HITACHI	684	116
	2.5 D Pick-up	09/1989	01/1991	HITACHI	3-981	126
ELF	150 with 4BA1 diesel engine	-	-	HITACHI	2-689	118
	150 with C190 diesel engine	-	-	HITACHI	2-689	118
	150 with C240 diesel engine	-	-	HITACHI	2-689	118
	250 TLD with 4BA1 Diesel engine	-	-	HITACHI	1-982	127
	250 with 4BA1 diesel engine	-	-	HITACHI	2-689	118
		-	-	HITACHI	3-981	126
Hombre	2.2 L (134) L4	01/1996	-	DELCO REMY	861	095
		01/1996	-	DELCO REMY	4-861	095
		01/1997	-	DELCO REMY	8-860	094
I-Mark	1.5 L	01/1988	12/1989	DENSO	705	103
	1.8 L	01/1981	12/1985	HITACHI	1-684	116
		01/1981	12/1985	HITACHI	683	116
		01/1981	12/1985	HITACHI	684	116
	1.8 L diesel	01/1981	12/1984	HITACHI	780	122
KBD 26	2.0 with C190 diesel engine	01/1981	12/1984	HITACHI	781	123
KBD 27	2.2 with C223 diesel engine	01/1985	12/1987	HITACHI	781	123
KBD 41	2.0 with C190 diesel engine	01/1981	12/1984	HITACHI	781	123
KBD 47	2.2 with C223 diesel engine	01/1985	12/1979	HITACHI	781	123
Misc. Equipment	with 3KC1 Engine	-	-	HITACHI	781	123

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APPLICATION CHART

GM-ISUZU		de /from	until	M.Part./Starter	ZM	Pag.
Misc. Equipment	with 4FB1 engine	01/1982	12/1985	HITACHI	780	122
NKR	2.8 with 4BJ1 diesel engine	01/1985	-	HITACHI	781	123
	3.3 with 4BC2 diesel engine	07/1985	-	HITACHI	981	125
NPR	3.3 with 4BC2 diesel engine	07/1985	-	HITACHI	981	125
		01/1993	-	DELCO REMY	8-860	094
Oasis	2.3 L	01/1998	12/1999	MITSUBA	609	146
P'UP Pick-up	1.8 L	01/1981	12/1982	HITACHI	1-684	116
		01/1981	12/1982	HITACHI	683	116
		01/1981	12/1982	HITACHI	684	116
	3.1 L	01/1991	12/1993	DELCO REMY	861	095
		01/1991	12/1993	DELCO REMY	4-861	095
Rhodeo	3.1 L	01/1991	12/1991	DELCO REMY	861	095
		01/1991	12/1991	DELCO REMY	4-861	095
	com motor 4 cilindros	-	-	BOSCH	5-473	009
	with 4 cylinders engine	-	-	BOSCH	5-473	009
TLD	with 2.8 Diesel engine	01/1983	07/1985	HITACHI	981	125
Trooper	2.2 TD with C223 engine	01/1984	12/1979	HITACHI	781	123
	2.2 diesel with C223 engine	01/1984	12/1979	HITACHI	781	123
	2.8 D	09/1987	01/1991	HITACHI	3-981	126
	2.8 TD	09/1987	01/1991	HITACHI	3-981	126
	3.1 L	01/1991	-	DELCO REMY	861	095
		01/1991	-	DELCO REMY	4-861	095
	3.2 L	01/1992	12/1996	HITACHI	1-717	121
		01/1992	12/1997	HITACHI	717	120
	3.5 L	01/1998	12/2001	HITACHI	1-717	121
		01/1998	12/2002	HITACHI	717	120
	Soft Top 2.3 with 4ZD1 engine	11/1985	12/1991	HITACHI	1-684	116
		11/1985	12/1991	HITACHI	683	116
		11/1985	12/1991	HITACHI	684	116
Vehicross	3.5 L	01/1999	12/2000	HITACHI	1-717	121
		01/1999	12/2001	HITACHI	717	120
GM-OLDSMOBILE		de /from	until	M.Part./Starter	ZM	Pag.
98	3.8 L (231) V6	01/1992	12/1992	DELCO REMY	1-862	096
		01/1995	-	DELCO REMY	860	093
	5.7 L (350) V8 diesel	01/1984	-	HITACHI	686	117
Alero	3.4 L (207) V6	01/1999	12/1999	DELCO REMY	860	093
Aurora	4.0 L	01/1995	12/2003	DELCO REMY	4-861	095
	4.0 L (244) V8	01/1995	12/1998	DELCO REMY	860	093
Bravada	4.3 L V6	01/1991	12/1995	DELCO REMY	862	095
	4.3 L (262) V6	01/1996	12/1997	DELCO REMY	860	093
		01/1966	-	DELCO REMY	8-860	094
Ciera	I4 V6	01/1994	-	DELCO REMY	862	095
Custom Cruiser	5.7 L (350) V8 diesel	01/1984	12/1985	HITACHI	686	117
Cutlass	3.1 L (189) V6	01/1997	12/1999	DELCO REMY	860	093
	3.1L V6	01/1993	01/1995	DELCO REMY	862	095
	3.4 L V6	01/1991	12/1993	DELCO REMY	862	095
	3.4 L (207) V6	01/1996	-	DELCO REMY	860	093
	4.3 L (260) V6 diesel	01/1984	12/1985	HITACHI	686	117
	5.7 L (350) V8 diesel	01/1984	12/1985	HITACHI	686	117
	Calais 4.3 L (260) V6 diesel	01/1984	-	HITACHI	686	117
	Calais 5.7 L (350) V8 diesel	01/1984	-	HITACHI	686	117
Delta	88 3.8 L (231) V6	01/1995	-	DELCO REMY	860	093
	88 5.7 L (350) V8 diesel	01/1984	12/1985	HITACHI	686	117
LSS	3.8 L (231) V6	01/1999	-	DELCO REMY	860	093
Silhouette	3.4 L (207) V6	01/1997	12/1999	DELCO REMY	860	093
Silhouette Van	3.1L V6	01/1993	01/1995	DELCO REMY	862	095
GM-OPEL		de /from	until	M.Part./Starter	ZM	Pag.
Agila	1.2L 16V Estate	09/2000	-	DELCO REMY	865	096

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GM-OPEL		de /from	until	M.Part./Starter	ZM	Pag.
Agila	1.3 Diesel	08/2003	12/2007	VALEO	1-495	191
Antara		-	-	MITSUBISHI	5-995	169
Ascona	1.6	09/1981	08/1988	ISKRA	3-579	128
	1.6 S	09/1981	08/1986	ISKRA	3-579	128
	1.8i	09/1982	08/1986	ISKRA	3-579	128
	B 1.2 S with 12 S engine	09/1975	02/1979	DELCO REMY	556	086
	B 1.2 with 12 N engine	08/1976	02/1979	DELCO REMY	556	086
	B 1.3 N with 13 N engine	03/1979	08/1981	DELCO REMY	557	086
	B 1.3 S with 13 S engine	08/1979	08/1981	DELCO REMY	557	086
	C 1.3 N with 13 N engine	09/1981	08/1986	DELCO REMY	1-557	086
		09/1981	08/1986	DELCO REMY	557	086
	C 1.3 S with 13 S engine	09/1981	08/1988	DELCO REMY	557	086
	C 1.6 Cat with 16 N, C 16 LZ, C 16 NZ, E 16 NZ engine	09/1981	08/1988	DELCO REMY	557	086
	C 1.6 S with 16 SHOHC engine	09/1981	08/1986	DELCO REMY	555	086
	C 1.6 with 16 N, C 16 LZ, C 16 NZ, E 16 NZ engine	09/1981	08/1988	DELCO REMY	557	086
	C 1.6 with 16 NOHC II engine	09/1981	08/1988	DELCO REMY	555	086
	C 1.6 with 16 SV engine	09/1986	08/1988	DELCO REMY	557	086
	C 1.8 with E 18 NV engine	09/1987	08/1988	BOSCH	775	046
	C 1.8i	09/1982	08/1986	DELCO REMY	555	086
	C 2.0i CAT with C 20 NE engine	09/1986	08/1988	BOSCH	775	046
	C 2.0i GT with 20 SEH engine	03/1987	08/1988	BOSCH	775	046
	C 2.0i with 20 NE engine	09/1986	08/1988	BOSCH	775	046
	C 2.0i with C 20 NEF engine	09/1987	08/1988	BOSCH	775	046
	C Hatchback 1.3 N with 13 N engine	09/1981	08/1986	DELCO REMY	1-557	086
	C Hatchback 1.3 S with 13 S engine	09/1981	08/1988	DELCO REMY	1-557	086
	C Hatchback 1.8 with E 18 NV engine	09/1987	08/1988	BOSCH	775	046
	C Hatchback 2.0i CAT with C 20 NE engine	09/1986	08/1988	BOSCH	775	046
	C Hatchback 2.0i GT with 20 SEH engine	03/1987	08/1988	BOSCH	775	046
	C Hatchback 2.0i with 20 NE engine	09/1986	08/1988	BOSCH	775	046
	Hatchback 1.6	09/1986	08/1988	DELCO REMY	865	096
	Hatchback 1.6i	09/1986	08/1988	DELCO REMY	865	096
	Saloon 1.6	09/1986	08/1988	DELCO REMY	865	096
	Saloon 1.6i	09/1986	08/1988	DELCO REMY	865	096
Astra	1.3 Diesel	08/2005	-	VALEO	1-495	191
	1.6 Autom with 16 SH OHC engine	09/1984	08/1986	DELCO REMY	555	086
	1.6 with 18 EOHC engine	01/1981	01/1987	DELCO REMY	555	086
	1.7 TD with X 17 DT engine	04/1996	-	HITACHI	411	113
	2.0i with X 20 XEV DOHC engine	01/1995	02/1998	BOSCH	1-473	008
	F 1.4 Cabrio with 14 NV engine	09/1991	09/1993	BOSCH	4-775	046
	F 1.4 Caravan with 14 NV engine	09/1991	09/1993	BOSCH	4-775	046
	F 1.4 Si with C 14 SE engine	03/1992	09/1998	DELCO REMY	1-557	086
	F 1.4 with 14 NV engine	09/1991	09/1993	BOSCH	4-775	046
	F 1.4 with 14 SE engine	09/1992	09/1998	DELCO REMY	1-557	086
	F 1.4i Cabrio with 14 SE engine	03/1992	02/1998	BOSCH	4-775	046
	F 1.4i Cabrio with C 14 SE engine	03/1992	02/1998	BOSCH	4-775	046
	F 1.4i Caravan with 14 SE engine	03/1992	02/1998	BOSCH	4-775	046
	F 1.4i Caravan with C 14 SE engine	03/1992	02/1998	BOSCH	4-775	046
	F 1.4i with 14 SE engine	03/1992	02/1998	BOSCH	4-775	046
	F 1.4i with C 14 SE engine	03/1992	02/1998	BOSCH	4-775	046
	F 1.8i with C 18 NZ engine	03/1992	09/1998	BOSCH	775	046
	F 2.0i with C 20 NE engine	03/1992	09/1998	BOSCH	775	046
	F Box 1.6i	02/1993	07/1996	DELCO REMY	865	096
	F Caravan 1.7 TDS with 17 DT (TC4EE1) engine	12/1991	01/1998	HITACHI	410	113
	F Caravan 1.7 TDS with X 17 DT (TC4EE1) engine	12/1991	01/1998	HITACHI	410	113
	F Classic Estate 1.4i	01/1998	01/2005	DELCO REMY	865	096
	F Classic Estate 1.6i	01/1998	01/2005	DELCO REMY	865	096
	F Classic Estate 1.6i 16V	01/1998	01/2005	DELCO REMY	865	096
	F Classic Hatchback 1.6i	01/1998	08/2002	DELCO REMY	865	096
	F Classic Hatchback 1.6i 16V	01/1998	08/2002	DELCO REMY	865	096

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APPLICATION CHART

GM-OPEL		de /from	until	M.Part./Starter	ZM	Pag.
Astra	F Classic Saloon 1.4i	01/1998	08/2002	DELCO REMY	865	096
	F Classic Saloon 1.6i	01/1998	08/2002	DELCO REMY	865	096
	F Classic Saloon 1.6i 16V	01/1998	08/2002	DELCO REMY	865	096
	F Convertible 1.6i	03/1993	03/2001	DELCO REMY	865	096
	F Convertible 2.0i with C 20 NE engine	03/1993	10/1994	BOSCH	775	046
	F Estate 1.4 Si with C 14 SE engine	03/1992	01/1998	DELCO REMY	1-557	086
	F Estate 1.4 with 14 NV engine	09/1991	09/1993	DELCO REMY	1-557	086
	F Estate 1.6i	05/1993	07/1996	DELCO REMY	865	096
	F Estate 1.6i 16V	08/1994	01/1998	DELCO REMY	865	096
	F Estate 1.8i with C 18 NZ engine	09/1991	01/1998	BOSCH	775	046
	F Estate 20.i 16V with C 20 XE engine	03/1993	01/1998	BOSCH	775	046
	F Estate 20.i with C 20 NE engine	09/1991	07/1994	BOSCH	775	046
	F Hatchback 1.4 Si with C 14 SE engine	03/1992	01/1998	DELCO REMY	1-557	086
	F Hatchback 1.4 with 14 SE engine	09/1992	01/1998	DELCO REMY	1-557	086
	F Hatchback 1.6i	05/1993	07/1996	DELCO REMY	865	096
	F Hatchback 18.i with C 18 NZ engine	09/1991	01/1998	BOSCH	775	046
	F Hatchback 2.0.i GSI with C 20 XE engine	09/1991	01/1998	BOSCH	775	046
	F Hatchback 2.0.i with C 20 NE engine	09/1991	01/1998	BOSCH	775	046
	F Saloon 1.6i	05/1993	07/1996	DELCO REMY	865	096
	F Saloon 1.6i 16V	08/1994	09/1998	DELCO REMY	865	096
	F Van 1.6i	02/1993	07/1996	DELCO REMY	865	096
	G Box 1.6	01/1999	09/2000	DELCO REMY	865	096
	G Estate 1.2 16V	02/1998	09/2000	DELCO REMY	865	096
	G Estate 1.4 16V	06/1998	07/2004	DELCO REMY	865	096
	G Estate 1.6	02/1998	09/2000	DELCO REMY	865	096
	G Estate 1.6 16V	02/1998	07/2004	DELCO REMY	865	096
	G Estate 1.7 CDTI with Z 17 DTL engine	04/2003	-	MARELLI	5-395	135
	G Estate 1.7 DTI 16V with Y 17 DT engine	02/2000	-	MARELLI	5-395	135
	G Hatchback 1.2 16V	02/1998	09/2000	DELCO REMY	865	096
	G Hatchback 1.4 16V	02/1998	01/2005	DELCO REMY	865	096
	G Hatchback 1.6	02/1998	09/2000	DELCO REMY	865	096
	G Hatchback 1.6 16V	02/1998	01/2005	DELCO REMY	865	096
	G Hatchback 1.7 CDTI with Z 17 DTL engine	04/2003	-	MARELLI	5-395	135
	G Hatchback 1.7 DTI 16V with Y 17 DT engine	02/2000	-	MARELLI	5-395	135
	G Saloon 1.2 16V	09/1998	09/2000	DELCO REMY	865	096
	G Saloon 1.4 16V	09/1998	01/2005	DELCO REMY	865	096
	G Saloon 1.6	09/1998	09/2000	DELCO REMY	865	096
	G Saloon 1.6 16V	09/1998	01/2005	DELCO REMY	865	096
	G Saloon 1.7 DTI 16V with Y 17 DT engine	02/2000	-	MARELLI	5-395	135
	H 1.7 DTI with Z 17 DTH engine	03/2004	-	MARELLI	5-395	135
	H 1.7 DTI with Z 17 DTL engine	03/2004	-	MARELLI	5-395	135
	H Estate 1.7 DTI with Z 17 DTH engine	08/2004	-	MARELLI	5-395	135
	H Estate 1.7 DTI with Z 17 DTL engine	08/2004	-	MARELLI	5-395	135
	H GTC 1.7 CDTi with Z 17 DTH engine	03/2005	-	MARELLI	5-395	135
Blitz		-	-	BOSCH	4-744	043
Calibra	2.0i 16V with X 20 XEV DOHC II engine	09/1993	08/1996	BOSCH	1-473	008
	A 2.0i 16V 4x4 with C 20 XE engine	06/1990	02/1994	BOSCH	775	046
	A 2.0i 16V with C 20 XE engine	06/1990	02/1994	BOSCH	775	046
	A 2.0i 4x4 with C 20 NE engine	06/1990	07/1997	BOSCH	775	046
	A 2.0i Turbo 4x4 with C 20 LET engine	03/1992	07/1997	BOSCH	775	046
	A 2.0i with C 20 NE engine	06/1990	07/1997	BOSCH	775	046
	A 2.5i V6 with C 25 XE engine	04/1993	07/1997	BOSCH	2-473	008
	A 2.5i V6 with X 25 XE engine	04/1993	07/1997	BOSCH	2-473	008
Campo	2.3 4x4 with 4 ZD1 engine	08/1991	09/1996	HITACHI	1-684	116
		08/1991	09/1996	HITACHI	683	116
		08/1991	09/1996	HITACHI	684	116
	2.3 with 4 ZD1 engine	08/1991	09/1996	HITACHI	1-684	116
		08/1991	09/1996	HITACHI	683	116
		08/1991	09/1996	HITACHI	684	116

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GM-OPEL		de /from	until	M.Part./Starter	ZM	Pag.
Campo	2.5 D	01/1992	-	HITACHI	3-981	126
	3.1 TD	01/1992	-	HITACHI	3-981	126
Combo	1.3 Diesel	10/2004	-	VALEO	1-495	191
	1.7 D with X 17 D (4EE1) engine	07/1994	10/2001	HITACHI	410	113
	1.7 D with 17 D (4EE1) engine	07/1994	10/2001	HITACHI	410	113
	Box 1.2	09/1994	10/2001	DELCO REMY	865	096
	Box 1.4	09/1994	10/2001	DELCO REMY	865	096
	Box Body / Estete 1.7 DI 16V with Y 17 DTL engine	10/2001	-	MARELLI	5-395	135
	Box Body / Estete 1.7 DTI 16V with Y 17 DT engine	10/2001	-	MARELLI	5-395	135
	Tour 1.7 DI 16V with Y 17 DTL engine	10/2001	-	MARELLI	5-395	135
	Tour 1.7 DTI 16V with Y 17 DT engine	10/2001	-	MARELLI	5-395	135
Corsa	1.3 Diesel	06/2003	-	VALEO	1-495	191
	A 1.0 with 10 S engine	09/1982	03/1993	DELCO REMY	556	086
	A 1.2 with 12 NC/ E 12 GV engine	02/1986	04/1989	DELCO REMY	557	086
	A 1.2 with 12 ST engine	02/1986	04/1989	DELCO REMY	557	086
	A 1.3 with 13 NB engine	02/1986	04/1989	DELCO REMY	557	086
	A 1.3 with 13 SB engine	02/1986	04/1989	DELCO REMY	557	086
	A Box 1.2 with 12 S engine	02/1986	04/1989	DELCO REMY	1-557	086
	A Box 1.2 with 12 ST engine	04/1986	02/1989	DELCO REMY	1-557	086
	A Box 1.3	02/1986	04/1989	DELCO REMY	865	096
	A Box 1.3 with 12 NB engine	02/1986	04/1989	DELCO REMY	1-557	086
	A Box 1.3 with 12 SB engine	02/1986	04/1989	DELCO REMY	1-557	086
	A Hatchback 1.3	09/1985	10/1989	DELCO REMY	865	096
	A Hatchback 1.3 S	09/1982	10/1989	DELCO REMY	865	096
	A Hatchback 1.3 S with 13 SB engine	09/1982	10/1989	DELCO REMY	1-557	086
	A Hatchback 1.3i	09/1986	09/1990	DELCO REMY	865	096
	A Hatchback 1.4 S	01/1990	03/1993	DELCO REMY	865	096
	A Hatchback 1.4 Si	09/1991	03/1993	DELCO REMY	865	096
	A Hatchback 1.4i	01/1990	03/1993	DELCO REMY	865	096
	A Hatchback 1.6 GSI	05/1988	03/1993	DELCO REMY	865	096
	A TR Saloon 1.3	09/1985	10/1987	DELCO REMY	865	096
	A TR Saloon 1.3 S	09/1982	10/1987	DELCO REMY	865	096
	A TR 1.3 S with 13 SB engine	09/1982	10/1987	DELCO REMY	1-557	086
	A TR 1.4 S with 14 NV engine	09/1989	03/1993	DELCO REMY	1-557	086
	A TR Saloon 1.2 S	09/1982	10/1987	DELCO REMY	865	096
	A TR Saloon 1.4 S	09/1989	03/1993	DELCO REMY	865	096
	B 1.2i with C 12 NZ, X 12 SZ engine	03/1993	08/1997	DELCO REMY	557	086
	B 1.3i with 13NE engine	01/1996	12/2000	BOSCH	4-775	046
	B 1.4 Si with C 14 SE engine	03/1993	09/2000	DELCO REMY	557	086
	B 1.4i 16V with X 14 XE engine	09/1994	-	DELCO REMY	557	086
	B 1.4i with C 14 NZ, X 14 SZ engine	03/1993	08/1997	DELCO REMY	557	086
	B 1.5 D with 15 D (4EC1) engine	03/1993	09/2000	HITACHI	410	113
	B 1.5 TD with 15 DT (T4EC1) engine	03/1993	09/2000	HITACHI	410	113
	B 1.5 TD with X 15 DT (T4EC1) engine	03/1993	09/2000	HITACHI	410	113
	B 1.7 D with 17 D (4EE1) engine	02/1996	09/2000	HITACHI	410	113
	B 1.7 D with X 17 D (4EE1) engine	02/1996	09/2000	HITACHI	410	113
	B Hatchback 1.2i	03/1993	09/2000	DELCO REMY	865	096
	B Hatchback 1.2i 16V	03/1998	09/2000	DELCO REMY	865	096
	B Hatchback 1.4 Si	03/1993	09/2000	DELCO REMY	865	096
	B Hatchback 1.4i	03/1993	09/2000	DELCO REMY	865	096
	B Hatchback 1.4i 16V	09/1994	09/2000	DELCO REMY	865	096
	B Hatchback 1.6 GSI 16V	03/1993	09/2000	DELCO REMY	865	096
	B Hatchback 1.6i 16V	09/1994	09/2000	DELCO REMY	865	096
	C 1.3 CDTI with Z 13 DT engine	06/2003	-	MARELLI	5-395	135
	C 1.7 CDTI with Z 17 DTH engine	06/2003	-	MARELLI	5-395	135
	C 1.7 DI with Y 17 DTL engine	09/2000	-	MARELLI	5-395	135
	C 1.7 DTI with Y 17 DT engine	09/2000	-	MARELLI	5-395	135
	C Box 1.7 DI 16V with Y 17 DTL engine	09/2000	-	MARELLI	5-395	135
	C Box 1.7 DTI 16V with Y 17 DT engine	09/2000	-	MARELLI	5-395	135

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GM-OPEL		de /from	until	M.Part./Starter	ZM	Pag.
Corsa	C Hatchback 1.2	09/2000	-	DELCO REMY	865	096
	C Hatchback 1.4	09/2000	-	DELCO REMY	865	096
Frontera	2.3 TD com motor 23 DTR Turbo	09/1991	08/1995	BOSCH	674	035
	A Sport 2.0i with C 20 NE engine	03/1992	10/1998	BOSCH	775	046
	A Sport 2.0i with X 20 SE engine	03/1992	10/1998	BOSCH	775	046
		-	-	HITACHI	3-981	126
Isuzu	Built Models 1.8 L	01/1976	12/1979	HITACHI	1-684	116
		01/1976	12/1979	HITACHI	684	116
Kadett	1.6 S	09/1984	08/1986	ISKRA	3-579	128
	1.6i	09/1981	08/1984	ISKRA	3-579	128
	1.8i	09/1981	08/1984	ISKRA	3-579	128
	C 1.0 with 10 N engine	01/1974	07/1986	DELCO REMY	556	086
	D 1.2 S with 12 S engine	08/1979	08/1984	DELCO REMY	1-557	086
		08/1979	08/1984	DELCO REMY	556	086
	D 1.2 with 12 N engine	08/1979	07/1982	DELCO REMY	556	086
	D 1.2 with 12 ST engine	08/1982	08/1984	DELCO REMY	557	086
	D 1.3 N with 13 N engine	08/1979	08/1984	DELCO REMY	557	086
	D 1.3 S with 13 S engine	08/1979	08/1984	DELCO REMY	1-557	086
		08/1979	08/1984	DELCO REMY	557	086
	D Caravan 1.2 S with 12 S engine	08/1979	08/1984	DELCO REMY	556	086
	D Estate 1.2 S with engine	08/1979	08/1984	DELCO REMY	1-557	086
	E 1.3 N with 13 N, 13 NB, C 13 N engine	09/1984	08/1991	DELCO REMY	557	086
	E 1.3 S with 13 S engine	09/1984	08/1987	DELCO REMY	557	086
	E 1.3i Cat with 13 N, 13 NB, C 13 N engine	09/1984	08/1991	DELCO REMY	557	086
	E 1.4 S with 14 NV engine	01/1990	08/1991	DELCO REMY	557	086
	E 1.4i with C 14 NZ engine	01/1990	08/1991	DELCO REMY	557	086
	E 1.6 S with 16 SH engine	09/1984	08/1986	DELCO REMY	557	086
	E 1.6 S with 16 SV engine	09/1986	08/1991	DELCO REMY	557	086
	E 1.6i Cat with C 16 LZ/ C 16 NZ/ E 16 NZ engine	09/1986	08/1991	DELCO REMY	557	086
	E 1.6i with C 16 LZ/ C 16 NZ/ E 16 NZ engine	09/1986	08/1991	DELCO REMY	557	086
	E 1.8 E with 18 EOHC engine	02/1983	08/1984	DELCO REMY	555	086
	E 1.8 S with C 18 NV engine	09/1987	08/1991	BOSCH	775	046
	E 1.8 with 18 E engine	09/1987	08/1990	BOSCH	775	046
	E 1.8i	09/1984	08/1986	DELCO REMY	555	086
	E 1.8i with C 18 NE engine	10/1985	08/1986	BOSCH	775	046
	E 1.8i with C 18 NT engine	09/1990	08/1991	BOSCH	775	046
	E 1.8i with C 18 NZ engine	09/1990	08/1991	BOSCH	775	046
	E 1.8i with C18 NTOHCII engine	06/1985	09/1985	DELCO REMY	555	086
	E 2.0i CAT with C 20 NE engine	03/1987	08/1991	BOSCH	775	046
	E 2.0i with 20 NE engine	03/1987	08/1991	BOSCH	775	046
	E Box 1.3 N with 13 N engine	09/1984	07/1989	DELCO REMY	1-557	086
	E Box 1.3 N with 13 NB engine	09/1984	07/1989	DELCO REMY	1-557	086
	E Box 1.4i	01/1990	08/1991	DELCO REMY	865	096
	E Box 1.6	09/1986	12/1991	DELCO REMY	865	096
	E Box 1.6i with C 16 NZ engine	08/1989	09/1993	DELCO REMY	1-557	086
	E Combo 1.6	09/1986	12/1991	DELCO REMY	865	096
	E Convertible 1.3 S with 13 S engine	03/1987	02/1993	DELCO REMY	1-557	086
	E Convertible 1.4i	01/1990	08/1991	DELCO REMY	865	096
	E Convertible 1.6i	10/1996	02/1993	DELCO REMY	865	096
	E Convertible 2.0i CAT with C 20 NE engine	10/1986	02/1993	BOSCH	775	046
	E Convertible 2.0i with 20 NE engine	10/1986	02/1993	BOSCH	775	046
	E Estate 1.3 S with 13 S engine	09/1984	08/1987	DELCO REMY	1-557	086
	E Estate 1.4 S with 14 NV engine	01/1990	08/1991	DELCO REMY	1-557	086
	E Estate 1.4i	01/1990	08/1991	DELCO REMY	865	096
	E Estate 1.6	09/1986	08/1991	DELCO REMY	865	096
	E Estate 1.6i	09/1986	08/1991	DELCO REMY	865	096
	E Estate 1.8 E with C 18 NE engine	10/1985	08/1986	BOSCH	775	046
	E Estate 1.8 S with C 18 NV engine	09/1987	08/1991	BOSCH	775	046
	E Estate 1.8i with C 18 NT engine	06/1985	08/1991	BOSCH	775	046

TABELA DE APLICAÇÃO
APPLICATION CHART

GM-OPEL		de /from	until	M.Part./Starter	ZM	Pag.
Kadett	E Estate 1.8i with C 18 NZ engine	09/1987	08/1991	BOSCH	775	046
	E Estate 2.0i CAT with C 20 NE engine	09/1987	08/1991	BOSCH	775	046
	E Estate 2.0i with 20 NE engine	09/1987	08/1991	BOSCH	775	046
	E GTE with 18 EOHC engine	02/1983	08/1984	DELCO REMY	555	086
	E Gsi	09/1984	08/1986	DELCO REMY	555	086
	E Hatchback 1.3 S with 13 S engine	09/1984	08/1987	DELCO REMY	1-557	086
	E Hatchback 1.4 S with 14 NV engine	01/1990	08/1991	DELCO REMY	1-557	086
	E Hatchback 1.4i	01/1990	08/1991	DELCO REMY	865	096
	E Hatchback 1.6i	09/1986	08/1991	DELCO REMY	865	096
	E Hatchback 1.8 E with C 18 NE engine	09/1987	08/1991	BOSCH	775	046
	E Hatchback 1.8 S with E 18 NV engine	09/1987	08/1991	BOSCH	775	046
	E Hatchback 1.8 S with S 18 NV engine	09/1987	08/1991	BOSCH	775	046
	E Hatchback 1.8i with C 18 NT engine	09/1987	08/1991	BOSCH	775	046
	E Hatchback 1.8i with C 18 NZ engine	09/1987	08/1991	BOSCH	775	046
	E Hatchback 1.8i with S 18 NV engine	06/1985	08/1991	BOSCH	775	046
	E Hatchback 2.0 GSI 16V with 20 SEH engine	12/1987	08/1991	BOSCH	775	046
	E Hatchback 2.0 GSI 16V with 20 XEJ engine	03/1988	08/1991	BOSCH	775	046
	E Hatchback 2.0 GSI 16V with C 20 XE engine	03/1988	08/1991	BOSCH	775	046
	E Hatchback 2.0 GSI CAT with C 20 NE engine	09/1986	08/1991	BOSCH	775	046
	E Hatchback 2.0 GSI with 20 NE engine	09/1986	08/1991	BOSCH	775	046
	E Hatchback 2.0 GSI with 20 SEH engine	09/1986	08/1991	BOSCH	775	046
	E Saloon 1.4i	01/1990	08/1991	DELCO REMY	865	096
	E Saloon 1.6 S	09/1986	08/1991	DELCO REMY	865	096
	E Saloon 1.6i	09/1986	08/1991	DELCO REMY	865	096
	GSI	09/1984	08/1991	ISKRA	3-579	128
Manta	1.8 S	07/1982	08/1987	ISKRA	3-579	128
	A 1.8 S with 18 SOHC engine	07/1982	08/1987	DELCO REMY	555	086
	B 1.2 N with 12 N engine	09/1975	02/1979	DELCO REMY	556	086
	B 1.2 S with 12 S engine	08/1976	07/1983	DELCO REMY	556	086
	B 1.3 N with 13 N engine	03/1979	02/1980	DELCO REMY	557	086
	B 1.3 S with 13 S engine	08/1981	08/1986	DELCO REMY	557	086
	B CC 1.3 N with 13 N engine	03/1979	12/1998	DELCO REMY	557	086
	B CC 1.3 S with 13 S engine	08/1979	08/1986	DELCO REMY	557	086
Meriva	1.7 CDTI with Z 17 DTH engine	09/2003	-	MARELLI	5-395	135
	1.7 DTI with Y 17 DT engine	09/2003	-	MARELLI	5-395	135
Monterey	3.1 TD	01/1991	-	HITACHI	3-981	126
Movano	1.9L	01/1998	-	MITSUBISHI	2-993	166
	1.9L TD	01/1998	-	MITSUBISHI	2-993	166
	2.5L D	01/1998	12/2002	MITSUBISHI	2-993	166
	2.5L TD	01/1998	-	MITSUBISHI	2-993	166
	2.8L DTi	01/1998	12/2002	MITSUBISHI	2-993	166
		01/2003	12/2010	HITACHI	3-719	122
	Box 2.2 DTi	09/2000	-	VALEO	2-496	193
	Box 2.5 CDTi	08/2006	-	VALEO	2-496	193
	Box 2.5 DTi	10/2001	-	VALEO	2-496	193
	Box 2.8 DTi	01/1998	12/2001	MITSUBISHI	2-993	166
	Combi 2.5 CDTi	08/2006	-	VALEO	2-496	193
	Combi 2.5 D	01/1998	12/2001	MITSUBISHI	2-993	166
	Combi 2.5 DTi	10/2001	-	VALEO	2-496	193
	Combi 2.8 DTi	01/1998	12/2001	MITSUBISHI	2-993	166
	Dumptruck 2.2 DTi	09/2000	-	VALEO	2-496	193
	Dumptruck 2.5 CDTi	08/2006	-	VALEO	2-496	193
	Dumptruck 2.5 DTi	10/2003	-	VALEO	2-496	193
	Dumptruck 2.8 DTi	01/1998	12/2001	MITSUBISHI	2-993	166
	Flatbed 2.8 DTi	01/1998	12/2001	MITSUBISHI	2-993	166
	Flatbed/Chassis 2.2 DTi	09/2000	-	VALEO	2-496	193
	Flatbed/Chassis 2.5 CDTi	08/2006	-	VALEO	2-496	193
	Flatbed/Chassis 2.5 DTi	10/2001	-	VALEO	2-496	193
Omega	2.3 D with 23 YD engine	09/1986	03/1994	BOSCH	674	035

TABELA DE APLICAÇÃO
APPLICATION CHART

GM-OPEL		de /from	until	M.Part./Starter	ZM	Pag.
Omega	2.3 TD with 23 DTR engine	09/1988	03/1994	BOSCH	674	035
	2.3 TD with 23 YDT engine	09/1986	08/1988	BOSCH	674	035
	2.4i with C 24 NE CIH engine	09/1988	03/1994	BOSCH	1-475	010
	2.6i with C 26 NE CIH engine	09/1990	03/1994	BOSCH	1-475	010
	3.0i Evolut 500 with X 30 XEI engine	01/1990	03/1994	BOSCH	1-475	010
	3.0i with 30 NE CIH engine	03/1987	12/1989	BOSCH	1-475	010
	3.0i with C 30 LE CIH engine	03/1987	12/1987	BOSCH	1-475	010
	3.0i with C 30 NE CIH engine	01/1988	03/1994	BOSCH	1-475	010
	3.0i with C 30 SE/SEJ engine	09/1989	03/1994	BOSCH	1-475	010
	3.6i with C 36 GET engine	01/1990	03/1994	BOSCH	1-475	010
	A 1.8 N with 18 NV engine	09/1986	08/1987	BOSCH	775	046
	A 1.8 S with 18 SV engine	09/1986	03/1994	BOSCH	775	046
	A 1.8 with 18 SEH engine	09/1986	03/1994	BOSCH	775	046
	A 1.8 with C 18 NVR engine	09/1987	03/1994	BOSCH	775	046
	A 2.0 with 20 SE engine	06/1986	03/1994	BOSCH	775	046
	A 2.0 with C 20 NEF engine	09/1990	03/1994	BOSCH	775	046
	A 2.0 with C 20 NEJ engine	09/1990	03/1994	BOSCH	775	046
	A 2.0i with C 20 NE engine	09/1986	03/1994	BOSCH	775	046
	A Estate 1.8 N with 18 NV engine	09/1986	08/1987	BOSCH	775	046
	A Estate 1.8 S with 18 SV engine	09/1986	03/1994	BOSCH	775	046
	A Estate 1.8 with 18 SEH engine	09/1986	03/1994	BOSCH	775	046
	A Estate 1.8 with E 18 NVR engine	09/1987	03/1994	BOSCH	775	046
	A Estate 2.0 with 20 SE engine	09/1986	03/1994	BOSCH	775	046
	A Estate 2.0 with C 20 NEF engine	09/1990	03/1994	BOSCH	775	046
	A Estate 2.0i with C 20 NE engine	09/1986	03/1994	BOSCH	775	046
	A Estate 2.0i with C 20 NEJ engine	09/1990	03/1994	BOSCH	775	046
	B 2.0 with 20 SE engine	03/1994	12/2000	BOSCH	775	046
	B 2.0 with X 20 SE engine	03/1994	09/1999	BOSCH	775	046
	B 2.4 D with BMW engine	09/1991	-	MARELLI	396	136
	B Estate 2.0 with X 20 SE engine	03/1994	09/1999	BOSCH	775	046
Rekord	1.8	11/1982	08/1986	ISKRA	3-579	128
	1.8 S	11/1982	08/1986	ISKRA	3-579	128
	1.8i	11/1982	08/1986	ISKRA	3-579	128
	E 1.8 E with C 18 NV engine	05/1985	08/1986	BOSCH	775	046
	E 1.8 S with ..18.. engine	11/1982	08/1986	DELCO REMY	555	086
	E 1.8 S with 18 S engine	11/1982	08/1986	BOSCH	775	046
	E 1.8 with ..18.. engine	11/1982	08/1986	DELCO REMY	555	086
	E 1.8 with 18 N engine	11/1982	08/1986	BOSCH	775	046
	E 1.8i with ..18.. engine	11/1982	08/1986	DELCO REMY	555	086
	E Estate 1.8 E with C 18 NV engine	05/1985	08/1986	BOSCH	775	046
	E Estate 1.8 S with 18 S engine	11/1982	08/1986	BOSCH	775	046
	E Estate 1.8 with 18 N engine	11/1982	08/1986	BOSCH	775	046
Senator	A 2.2 TD with 23TD engine	11/1984	08/1987	BOSCH	544	018
		11/1984	08/1987	BOSCH	744	043
Tigra	1.3 Diesel	06/2004	-	VALEO	1-495	191
	Coupé 1.4 16V	07/1994	12/2000	DELCO REMY	865	096
	Coupé 1.6 16V	07/1994	08/1998	DELCO REMY	865	096
Vectra	A 1.4 S with 14 NV engine	09/1988	06/1992	DELCO REMY	1-557	086
	A 1.6 S with 16 SV engine	09/1988	08/1995	BOSCH	4-775	046
	A 1.6 with 16 SH OHC engine	01/1981	01/1988	DELCO REMY	555	086
	A 1.6i CAT with C 16 NZ engine	09/1988	11/1995	BOSCH	775	046
	A 1.6i CAT with C 16 NZ2 engine	09/1988	11/1995	BOSCH	775	046
	A 1.6i KAT with C 16 NZ engine	09/1988	08/1995	BOSCH	4-775	046
	A 1.6i KAT with E 16 NZ engine	09/1988	08/1995	BOSCH	4-775	046
	A 1.6i with 16 LZ2 engine	09/1993	11/1995	BOSCH	775	046
	A 1.6i with X 16 SZ engine	09/1993	08/1995	BOSCH	4-775	046
	A 1.8	09/1982	01/1988	DELCO REMY	555	086
	A 1.8 S 4x4 with E 18 NVR engine	01/1989	07/1989	BOSCH	775	046
	A 1.8 S with 18 SV engine	09/1989	10/1990	BOSCH	775	046

TABELA DE APLICAÇÃO
APPLICATION CHART

GM-OPEL		de /from	until	M.Part./Starter	ZM	Pag.
Vectra	A 1.8 S with E 18 NVR engine	09/1988	07/1989	BOSCH	775	046
	A 1.8i CAT with C 18 NZ engine	03/1990	11/1995	BOSCH	775	046
	A 2.0 with C 20 NEF engine	09/1988	09/1989	BOSCH	775	046
	A 2.0i 4x4 CAT with C 20 NE engine	01/1989	11/1995	BOSCH	775	046
	A 2.0i 4x4 with 20 NE engine	01/1989	10/1990	BOSCH	775	046
	A 2.0i 4x4 with 20 SEH engine	01/1989	09/1992	BOSCH	775	046
	A 2.0i CAT with C 20 NE engine	09/1988	11/1995	BOSCH	775	046
	A 2.0i Turbo 4x4 with C 20 LET engine	06/1994	11/1995	BOSCH	775	046
	A 2.0i with 20 NE engine	09/1988	10/1990	BOSCH	775	046
	A 2.0i with 20 SEH engine	09/1988	09/1992	BOSCH	775	046
	A 2.5 V6 with C 25 XE engine	02/1993	11/1995	BOSCH	2-473	008
	A 2000 16V 4x4 with 20 XEJ engine	01/1989	10/1990	BOSCH	775	046
	A 2000 GT 16V 4x4 CAT with C 20 XE engine	01/1989	06/1994	BOSCH	775	046
	A 2000 GT 16V CAT with C 20 XE engine	02/1990	11/1995	BOSCH	775	046
	A 2000 GT 16V with 20 XEJ engine	01/1989	06/1994	BOSCH	775	046
	A Hatchback 1.4 S with 14 NV engine	04/1988	06/1992	DELCO REMY	1-557	086
	A Hatchback 1.6 S	09/1988	05/1993	DELCO REMY	865	096
	A Hatchback 1.6i	09/1993	11/1995	DELCO REMY	865	096
	A Hatchback 1.6i CAT with C 16 NZ engine	09/1988	11/1995	BOSCH	775	046
	A Hatchback 1.6i CAT with C 16 NZ2 engine	09/1988	11/1995	BOSCH	775	046
	A Hatchback 1.6i with 16 LZ2 engine	09/1988	11/1995	BOSCH	775	046
	A Hatchback 1.8 S with E 18 NVR engine	09/1988	07/1989	BOSCH	775	046
	A Hatchback 1.8i CAT with C 18 NZ engine	03/1990	11/1995	BOSCH	775	046
	A Hatchback 1.8i with 18 SV engine	09/1988	10/1990	BOSCH	775	046
	A Hatchback 2.0 with C 20 NEF engine	04/1988	09/1989	BOSCH	775	046
	A Hatchback 2.0i 16V CAT with C 20 XE engine	02/1990	11/1995	BOSCH	775	046
	A Hatchback 2.0i 16V with 20 XEJ engine	02/1989	10/1990	BOSCH	775	046
	A Hatchback 2.0i CAT with C 20 NE engine	09/1988	11/1995	BOSCH	775	046
	A Hatchback 2.0i GT with 20 SEH engine	09/1988	11/1995	BOSCH	775	046
	A Hatchback 2.0i with 20 NE engine	09/1988	10/1990	BOSCH	775	046
	A Hatchback 2.5 V6 with C 25 XE engine	02/1993	11/1995	BOSCH	2-473	008
	A Saloon 1.4 S	09/1988	06/1992	DELCO REMY	865	096
	A Saloon 1.6	09/1988	05/1993	DELCO REMY	865	096
	A Saloon 1.6i	09/1993	11/1995	DELCO REMY	865	096
	B 1.7 TD with X 17 DT (TC4EE1) engine	10/1995	11/1996	HITACHI	410	113
		09/1995	-	HITACHI	411	113
	B Estate 1.6i	11/1996	06/2000	DELCO REMY	865	096
	B Estate 1.6i 16V	11/1996	07/2002	DELCO REMY	865	096
	B Hatchback 1.6i	10/1995	07/2003	DELCO REMY	865	096
	B Hatchback 1.6i 16V	10/1995	07/2002	DELCO REMY	865	096
	B Saloon 1.6i	10/1995	04/2002	DELCO REMY	865	096
	B Saloon 1.6i 16V	10/1995	04/2002	DELCO REMY	865	096
Vivaro	2.5L CDTi Box	08/2006	-	VALEO	2-496	193
	2.5L CDTi Combi	08/2006	-	VALEO	2-496	193
	2.5L CDTi Flatbed/Chassis	08/2006	-	VALEO	2-496	193
	2.5L DTi Box	08/2006	-	VALEO	2-496	193
	2.5L DTi Combi	05/2003	-	VALEO	2-496	193
Zafira	1.6 16V	04/1999	06/2005	DELCO REMY	865	096

GM-PONTIAC		de /from	until	M.Part./Starter	ZM	Pag.
Acadian	1.8 L (110) L4 diesel	01/1981	12/1985	HITACHI	780	122
Bonneville	3.8 L (231) V6	01/1992	12/1993	DELCO REMY	1-862	096
	4.6 L	01/2004	12/2005	DELCO REMY	4-861	095
	5.7 L (350) V8 diesel	01/1984	-	HITACHI	686	117
Firebird	5.7 L	01/1993	12/1994	DELCO REMY	4-861	095
	V6	01/1992	12/1995	DELCO REMY	862	095
G5		01/0200	-	DELCO REMY	1-866	097
G6	3.6L V6	01/2007	12/2009	MITSUBISHI	5-995	169
		01/2006	-	DELCO REMY	1-866	097
Grand	AM V6 3.1L	01/1994	12/1995	DELCO REMY	862	095

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GM-PONTIAC		de /from	until	M.Part./Starter	ZM	Pag.
Grand Prix	5.7 L (350) V8 diesel	01/1984	-	HITACHI	686	117
	V6 3.1L	01/1995	-	DELCO REMY	862	095
	V6 4.3L	01/1992	12/1993	DELCO REMY	862	095
Lemans	1.6 L	01/1988	12/1993	DELCO REMY	5-861	095
Montana		01/2006	-	DELCO REMY	1-866	097
Optima	1.6 L	01/1988	12/1993	DELCO REMY	5-861	095
Parisienne	5.7 L (350) V8 diesel	01/1984	12/1985	HITACHI	686	117
Solstice		01/2008	-	DELCO REMY	1-866	097
		01/2009	-	DELCO REMY	1-866	097
Sunbird	V6 3.1L	01/1993	12/1994	DELCO REMY	862	095
Sunfire	I4 2.2L	01/1995	-	DELCO REMY	862	095
Torrent	3.6L V6	01/2008	12/2009	MITSUBISHI	5-995	169
		01/2006	-	DELCO REMY	1-866	097
Trans Sport Van	V6 3.1L	01/1993	01/1995	DELCO REMY	862	095
GM-SATURN		de /from	until	M.Part./Starter	ZM	Pag.
Aura	3.6L V6	01/2007	12/2009	MITSUBISHI	5-995	169
		01/2007	-	DELCO REMY	1-866	097
Outlook	3.6L V6	01/2007	12/2010	MITSUBISHI	5-995	169
Relay		01/2006	-	DELCO REMY	1-866	097
SC series	1.9 L (116) L4	01/1994	12/1994	DELCO REMY	864	096
		01/1991	12/1993	DELCO REMY	5-861	095
SL series	1.9 L (116) L4	01/1994	12/1994	DELCO REMY	864	096
		01/1991	12/1993	DELCO REMY	5-861	095
SW series	1.9 L (116) L4	01/1994	12/1994	DELCO REMY	864	096
		01/1993	-	DELCO REMY	5-861	095
Sky		01/2008	-	DELCO REMY	1-866	097
Vue	3.6L V6	01/2008	12/2010	MITSUBISHI	5-995	169
		01/2009	-	DELCO REMY	1-866	097
GM-VAUXHALL		de /from	until	M.Part./Starter	ZM	Pag.
Astra	1.3L Diesel	08/2005	-	VALEO	1-495	191
	1.6L	02/1982	01/1988	ISKRA	3-579	128
	1.6L S Estate with 16 SH engine	09/1981	08/1986	BOSCH	775	046
	1.6L S Hatchback with 16 SH engine	09/1981	08/1986	BOSCH	775	046
	1.8L GTE	05/1983	08/1991	ISKRA	3-579	128
	1.8i	01/1984	01/1988	ISKRA	3-579	128
	F 1.4i Convertible with 14 SE engine	03/1992	02/1998	BOSCH	4-775	046
	F 1.4i Convertible with C 14 SE engine	03/1992	02/1998	BOSCH	4-775	046
	F 1.4i Estate with 14 SE engine	03/1992	02/1998	BOSCH	4-775	046
	F 1.4i Estate with C 14 SE engine	03/1992	02/1998	BOSCH	4-775	046
	F 1.4i with 14 SE engine	03/1992	02/1998	BOSCH	4-775	046
	F 1.4i with C 14 SE engine	03/1992	02/1998	BOSCH	4-775	046
	Mk II 1.8L Belmont with 18 SE engine	01/1986	12/1990	BOSCH	775	046
	Mk II 1.8L GTE Hatchback with 18 E engine	09/1984	08/1991	BOSCH	775	046
	Mk II 1.8L GTE Hatchback with 18 SE engine	09/1984	08/1991	BOSCH	775	046
	Mk II 1.8i Belmont with 18 SE engine	09/1985	08/1991	BOSCH	775	046
	Mk II 1.8i Belmont with 18 E engine	09/1985	08/1991	BOSCH	775	046
	Mk II 2.0L GTE 16V Hatchback with 20 XE engine	05/1988	08/1991	BOSCH	775	046
	Mk II 2.0L GTE Hatchback with 20 SEH engine	09/1986	08/1991	BOSCH	775	046
	Mk II 2.0i CAT Convertible with C 20 NE engine	01/1991	08/1993	BOSCH	775	046
	Mk II 2.0i Convertible with 20 NE engine	01/1987	12/1991	BOSCH	775	046
	Mk III 1.4i 16V Convertible	01/1996	03/2001	DELCO REMY	865	096
	Mk III 1.4i Convertible	05/1993	03/2001	DELCO REMY	865	096
	Mk III 1.4i Saloon	09/1991	09/1998	DELCO REMY	865	096
	Mk III 2.0i 16V Hatchback with C 20 XE engine	02/1991	02/1998	BOSCH	775	046
	Mk III 2.0i C Convertible with 20 NE engine	03/1993	10/1994	BOSCH	775	046
	Mk III 2.0i Estate with C 20 NE engine	09/1991	02/1998	BOSCH	775	046
	Mk III 2.0i Hatchback with C 20 NE engine	09/1991	02/1998	BOSCH	775	046
	Mk III 2.0i with C 20 NE engine	03/1992	09/1998	BOSCH	775	046

TABELA DE APLICAÇÃO
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GM-VAUXHALL		de /from	until	M.Part./Starter	ZM	Pag.
Astra	Mk IV 1.7L CDTI 16V Estate with Z 17 DTL engine	04/2003	-	MARELLI	5-395	135
	Mk IV 1.7L CDTI 16V Hatchback with Z 17 DTL engine	04/2003	-	MARELLI	5-395	135
	Mk IV 1.7L CDTI 16V with Z 17 DTL engine	04/2003	-	MARELLI	5-395	135
	Mk IV 1.7L DTI 16V Estate with Y 17 DT engine	02/2000	-	MARELLI	5-395	135
	Mk IV 1.7L DTI 16V Hatchback with Y 17 DT engine	02/2000	-	MARELLI	5-395	135
	Mk IV 1.7L DTI 16V with Y 17 DT engine	02/2000	-	MARELLI	5-395	135
	Mk V 1.4L Hatchback with Z 14 XEP engine	03/2004	-	BOSCH	2-473	008
	Mk V 1.7L CDTI Hatchback with Z 17 DTH engine	03/2004	-	MARELLI	5-395	135
		-	-	MITSUBISHI	3-993	166
Astravan	Mk IV 1.7 CDTI with Z 17 DTL engine	04/2004	-	MARELLI	5-395	135
Belmont	1.6	09/1985	01/1988	ISKRA	3-579	128
	1.6 with 18EOHC engine	01/1981	01/1987	DELCO REMY	555	086
	1.6i with 18EOHC engine	01/1981	01/1987	DELCO REMY	555	086
	1.8i	09/1985	01/1988	ISKRA	3-579	128
Brava	2.5 Di	01/1990	01/1997	HITACHI	3-981	126
Calibra	2.0i 16V 4x4 with C 20 XE engine	06/1990	02/1994	BOSCH	775	046
	2.0i 16V with C 20 XE engine	06/1990	02/1994	BOSCH	775	046
	2.0i 4x4 with C 20 NE engine	06/1990	07/1997	BOSCH	775	046
	2.0i with C 20 NE engine	06/1990	07/1997	BOSCH	775	046
Carlton	1.8	12/1982	01/1986	ISKRA	3-579	128
	1.8 with ..18.. engine	11/1982	08/1986	DELCO REMY	555	086
	Mk II 1.8 S with 18 S engine	12/1982	08/1986	BOSCH	775	046
	Mk II Estate 1.8 S with 18 S engine	11/1982	08/1986	BOSCH	775	046
	Mk III 1.8 N with 18 NV engine	09/1986	08/1987	BOSCH	775	046
	Mk III 1.8 S with 18 SV engine	09/1986	03/1994	BOSCH	775	046
	Mk III 1.8 with E 18 NVR engine	09/1987	03/1994	BOSCH	775	046
	Mk III 1.8i with 18 SEH engine	09/1986	03/1994	BOSCH	775	046
	Mk III 2.0 with C 20 NE engine	09/1986	03/1994	BOSCH	775	046
	Mk III 2.0 with C 20 NEF engine	09/1990	03/1994	BOSCH	775	046
	Mk III 2.0 with C 20 NEJ engine	09/1990	03/1994	BOSCH	775	046
	Mk III 2.0i with 20 SE engine	09/1986	03/1994	BOSCH	775	046
	Mk III Estate 1.8 N with 18 NV engine	09/1986	08/1987	BOSCH	775	046
	Mk III Estate 1.8 S with 18 SV engine	09/1986	03/1994	BOSCH	775	046
	Mk III Estate 1.8 with E 18 NVR engine	09/1987	03/1994	BOSCH	775	046
	Mk III Estate 1.8i with 18 SEH engine	09/1986	03/1994	BOSCH	775	046
	Mk III Estate 2.0 with C 20 NE engine	09/1986	03/1994	BOSCH	775	046
	Mk III Estate 2.0 with C 20 NEF engine	09/1990	03/1994	BOSCH	775	046
	Mk III Estate 2.0i with 20 SE engine	09/1986	03/1994	BOSCH	775	046
	Mk III Estate 2.0i with C 20 NEJ engine	09/1990	03/1994	BOSCH	775	046
Cavalier	1.6	08/1981	01/1988	ISKRA	3-579	128
	1.6 with 16SHOHC engine	08/1981	08/1988	DELCO REMY	555	086
	1.8	12/1982	08/1988	ISKRA	3-579	128
	III 1.6 S with 16 SV engine	09/1988	08/1995	BOSCH	4-775	046
	III 1.6 i KAT with C 16 NZ engine	09/1988	11/1995	BOSCH	4-775	046
	III 1.6 i KAT with E 16 NZ engine	09/1988	11/1995	BOSCH	4-775	046
	III 1.6 i with X 16 SZ engine	09/1994	11/1995	BOSCH	4-775	046
	Mk III 1.6i with E 16 NZ engine	09/1988	11/1995	BOSCH	775	046
	Mk III 1.8 with 18 SV engine	09/1988	10/1992	BOSCH	775	046
	Mk III 1.8 with C 18 NZ engine	09/1988	10/1992	BOSCH	775	046
	Mk III 1.8i CAT with C 18 NZ engine	09/1988	10/1992	BOSCH	775	046
	Mk III 2.0i 16V 4x4 with C 20 XE engine	09/1988	11/1995	BOSCH	775	046
	Mk III 2.0i 16V with C 20 XE engine	09/1988	11/1995	BOSCH	775	046
	Mk III 2.0i 4x4 with 20 NE engine	01/1991	10/1992	BOSCH	775	046
	Mk III 2.0i 4x4 with 20 SEH engine	09/1988	09/1992	BOSCH	775	046
	Mk III 2.0i CAT with C 20 NE engine	09/1990	11/1995	BOSCH	775	046
	Mk III 2.0i SRi with 20 SEH engine	09/1988	09/1992	BOSCH	775	046
	Mk III 2.0i Turbo 4x4 with C 20 LET engine	06/1992	11/1994	BOSCH	775	046
	Mk III 2.0i with 20 NE engine	09/1988	10/1990	BOSCH	775	046
	Mk III 2.5 V6 with C 25 XE engine	02/1993	11/1995	BOSCH	2-473	008

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GM-VAUXHALL		de /from	until	M.Part./Starter	ZM	Pag.
Cavalier	Mk III Hatchback 1.6	09/1988	05/1993	DELCO REMY	865	096
	Mk III Hatchback 1.8i Cat with C 18 NZ engine	03/1990	11/1995	BOSCH	775	046
	Mk III Hatchback 2.0 SRi with 20 SEH engine	09/1988	09/1992	BOSCH	775	046
	Mk III Hatchback 2.0i 16V 4x4 with C 20 XE engine	01/1992	11/1993	BOSCH	775	046
	Mk III Hatchback 2.0i 16V with C 20 XE engine	09/1988	11/1995	BOSCH	775	046
	Mk III Hatchback 2.0i 4x4 with 20 NE engine	01/1991	10/1992	BOSCH	775	046
	Mk III Hatchback 2.0i 4x4 with 20 SEH engine	09/1988	09/1992	BOSCH	775	046
	Mk III Hatchback 2.0i Cat with C 20 NE engine	09/1990	11/1995	BOSCH	775	046
	Mk III Hatchback 2.0i with 20 NE engine	09/1988	10/1992	BOSCH	775	046
	Mk III Hatchback 2.5 V6 with C 25 XE engine	02/1993	11/1995	BOSCH	2-473	008
	Mk III Saloon 1.6	09/1988	05/1993	DELCO REMY	865	096
Combo	1.7 DI 16V with Y 17 DTL engine	09/2001	-	MARELLI	5-395	135
	1.7 DTI 16V with Y 17 DT engine	10/2001	-	MARELLI	5-395	135
	Box 1.2	07/1994	10/2001	DELCO REMY	865	096
	Box 1.4	07/1994	10/2001	DELCO REMY	865	096
	Box 1.6	10/2001	-	DELCO REMY	865	096
Corsa	1.3 Diesel	08/2003	-	VALEO	1-495	191
	Hatchback 1.2i 16V	03/1998	09/2000	DELCO REMY	865	096
	Hatchback 1.4i 16V	09/1994	09/2000	DELCO REMY	865	096
	Hatchback 1.6 GSI 16V	03/1993	09/2000	DELCO REMY	865	096
	Hatchback 1.6i 16V	09/1994	09/2000	DELCO REMY	865	096
	II 1.3 CDTI 16V	04/2004	-	MARELLI	5-395	135
	II 1.7 CDTI 16V with Z 17 DTH engine	04/2004	-	MARELLI	5-395	135
	II 1.7 DI 16V with Y 17 DTL engine	09/2000	-	MARELLI	5-395	135
	II 1.7 DTI 16V with Y 17 DT engine	09/2000	-	MARELLI	5-395	135
	II Hatchback 1.2 16V	09/2000	-	DELCO REMY	865	096
	II Hatchback 1.4 16V	09/2000	-	DELCO REMY	865	096
Corsavan	1.3 Diesel	08/2003	-	VALEO	1-495	191
	Mk II 1.3 CDTI 16V with Z 13 DT engine	04/2004	-	MARELLI	5-395	135
	Mk II 1.7 DI 16V with Y 17 DTL engine	09/2000	-	MARELLI	5-395	135
	Mk II 1.7 DTI 16V with Y 17 DT engine	09/2000	-	MARELLI	5-395	135
Frontera	Sport 2.0i with C 20 NE engine	03/1992	10/1998	BOSCH	775	046
	Sport 2.0i with X 20 SE engine	03/1992	10/1998	BOSCH	775	046
		-	-	HITACHI	3-981	126
Meriva	Mk II 173 CDTI 16V with Z 17 DTH engine	04/2004	-	MARELLI	5-395	135
Movano	2.5 TD	01/1998	-	MITSUBISHI	2-993	166
	Chassis/Cad 2.2 DTi	09/2000	-	VALEO	2-496	193
	Chassis/Cad 2.5 CDTi	04/2004	-	VALEO	2-496	193
	Chassis/Cad 2.5 DTi	10/2001	-	VALEO	2-496	193
	Combi 2.2 DTi	10/2001	-	VALEO	2-496	193
	Combi 2.5 CDTi	08/2006	-	VALEO	2-496	193
	Combi 2.5 DTi	10/2001	-	VALEO	2-496	193
	Van 2.2 DTi	09/2000	-	VALEO	2-496	193
	Van 2.5 CDTi	04/2004	-	VALEO	2-496	193
	Van 2.5 DTi	10/2001	-	VALEO	2-496	193
	ZD	10/2003	-	HITACHI	3-719	122
Nova	Box 1.2	01/1990	10/1994	DELCO REMY	865	096
	Hatchback 1.2i CAT	09/1989	03/1993	DELCO REMY	865	096
	Hatchback 1.3i CAT	09/1989	03/1993	DELCO REMY	865	096
	Hatchback 1.6 GSI	09/1989	03/1993	DELCO REMY	865	096
	Saloon 1.4 S	01/1990	02/1993	DELCO REMY	865	096
	Van 1.2	01/1990	10/1994	DELCO REMY	865	096
Omega	2.0 with 20 SE engine	03/1994	12/2000	BOSCH	775	046
	2.0 with X 20 SE engine	03/1994	09/1999	BOSCH	775	046
	Estate 2.0 with X 20 SE engine	03/1994	09/1999	BOSCH	775	046
Signum		-	-	MITSUBISHI	3-993	166
Tigra	1.3 Diesel	06/2004	-	VALEO	1-495	191
	Coupé 1.4 16V	07/1994	-	DELCO REMY	865	096
Vectra						

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APPLICATION CHART

GM-VAUXHALL		de /from	until	M.Part./Starter	ZM	Pag.
Vectra	1.6i 16V Estate	11/1996	-	DELCO REMY	865	096
	1.6i 16V Hatchback	10/1995	-	DELCO REMY	865	096
	1.6i 16V Saloon	10/1995	-	DELCO REMY	865	096
	1.6i Estate	11/1996	-	DELCO REMY	865	096
	1.6i Saloon	10/1995	-	DELCO REMY	865	096
	1.6i with X 16 Hatchback with SZR engine	10/1995	-	BOSCH	775	046
		-	-	MITSUBISHI	3-993	166
Vivaro	2.0L CDTi Flatbed/Chassis	01/2006	-	VALEO	2-496	193
	2.5L CDTi Box	08/2006	-	VALEO	2-496	193
	2.5L CDTi Flatbed/Chassis	04/2003	-	VALEO	2-496	193
	2.5L Combi	04/2004	-	VALEO	2-496	193
	2.5L DTi Box	04/2004	-	VALEO	2-496	193
Zafira		-	-	MITSUBISHI	3-993	166
GMC		de /from	until	M.Part./Starter	ZM	Pag.
C series	4.3 L	01/1988	12/1989	DELCO REMY	4-861	095
	Pick-up 6.6 L with diesel engine	01/2001	12/2003	HITACHI	4-981	126
Caballero	5.7 L (350) V8 diesel	01/1984	-	HITACHI	686	117
Canyon		01/2008	-	DELCO REMY	1-866	097
G series	Van 5.7 L (350) V8	01/1994	12/1997	DELCO REMY	860	093
	Van 6.2 L (379) V8 desel	01/1989	12/1992	DELCO REMY	806	087
	Van 6.5 L (395) V8 desel	01/1994	12/1997	DELCO REMY	806	087
	Van 7.4 L (454) V8	01/1994	12/1997	DELCO REMY	860	093
Heavy-Duty Trucks C6500	with 6.6 liters 3116 Caterpillar diesel engine	01/1990	12/2000	DELCO REMY	352	065
		01/1990	12/2000	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
	with 7.2 liters C7 Caterpillar diesel engine	01/1997	12/2000	DELCO REMY	352	065
		01/1997	12/2000	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
Heavy-Duty Trucks C70	with 6.6 liters 3116 Caterpillar diesel engine	01/1990	12/2000	DELCO REMY	352	065
		01/1990	12/2000	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
Heavy-Duty Trucks C7500	with 6.6 liters 3116 Caterpillar diesel engine	01/1990	12/2002	DELCO REMY	352	065
		01/1990	12/2002	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
	with 7.2 liters C7 Caterpillar diesel engine	01/1997	12/2002	DELCO REMY	352	065
		01/1997	12/2002	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
Heavy-Duty Trucks C80	with 6.6 liters 3116 Caterpillar diesel engine	01/1990	12/2000	DELCO REMY	352	065
		01/1990	12/2000	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
Heavy-Duty Trucks C8500	with 6.6 liters 3116 Caterpillar diesel engine	01/1990	12/2000	DELCO REMY	352	065
		01/1990	12/2000	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
	with 7.2 liters C7 Caterpillar diesel engine	01/1997	12/2002	DELCO REMY	352	065
		01/1997	12/2002	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
Jimmy	4.3 L	01/1988	12/1990	DELCO REMY	4-861	095
	4.3 L (262) V6	01/1996	12/1997	DELCO REMY	860	093
	6.2 L (379) V8 diesel	01/1989	12/1990	DELCO REMY	806	087
		01/1996	-	DELCO REMY	8-860	094
K series	4.3 L Pickup	01/1988	12/1989	DELCO REMY	4-861	095

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GMC		de /from	until	M.Part./Starter	ZM	Pag.
K series	Pick-up 6.6 L with diesel engine	01/2001	12/2003	HITACHI	4-981	126
Medium Trucks C6500	with 6.6 liters 3116 Caterpillar diesel engine	01/1990	12/2002	DELCO REMY	352	065
		01/1990	12/2002	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
	with 7.2 liters C7 Caterpillar diesel engine	01/1997	12/2000	DELCO REMY	352	065
		01/1997	12/2000	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
Medium Trucks C70	with 6.6 liters 3116 Caterpillar diesel engine	01/1990	12/2000	DELCO REMY	352	065
		01/1990	12/2000	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
Medium Trucks C7500	with 6.6 liters 3116 Caterpillar diesel engine	01/1990	12/2002	DELCO REMY	352	065
		01/1990	12/2002	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
	with 7.2 liters C7 Caterpillar diesel engine	01/1997	12/2002	DELCO REMY	352	065
		01/1997	12/2002	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
Medium Trucks C80	with 6.6 liters 3116 Caterpillar diesel engine	01/1990	12/2000	DELCO REMY	352	065
		01/1990	12/2000	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
Medium Trucks C8500	with 6.6 liters 3116 Caterpillar diesel engine	01/1990	12/2000	DELCO REMY	352	065
		01/1990	12/2000	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
	with 7.2 liters C7 Caterpillar diesel engine	01/1997	12/2002	DELCO REMY	352	065
		01/1997	12/2002	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
P series	Truck 6.2 L (379) V8 diesel	01/1989	12/1992	DELCO REMY	806	087
	Truck 6.5 L (395) V8 diesel	01/1994	12/1998	DELCO REMY	806	087
R series	Pick-up 6.6 L with diesel engine	01/2001	12/2003	HITACHI	4-981	126
S series	4.3 L	01/1988	12/1989	DELCO REMY	4-861	095
Savana		01/2009	-	DELCO REMY	1-866	097
		01/1996	-	DELCO REMY	8-860	094
Sierra	4.3 L	01/1989	-	DELCO REMY	4-861	095
	V6 4.3L	01/1990	12/1993	DELCO REMY	862	095
	with 6.6 liters diesel engine	01/2001	12/2007	HITACHI	4-981	126
		01/2008	-	DELCO REMY	1-866	097
		01/2009	-	DELCO REMY	1-866	097
		01/2001	-	DELCO REMY	8-860	094
Sonoma	2.2 L (134) L4	01/1999	12/2000	DELCO REMY	860	093
		01/1994	12/1997	DELCO REMY	861	095
		01/1994	12/1997	DELCO REMY	4-861	095
	V6 4.3L	01/1990	12/1995	DELCO REMY	862	095
		01/1996	-	DELCO REMY	8-860	094
Suburban	6.2 L (379) V8 diesel	01/1989	12/1990	DELCO REMY	806	087
	6.5 L (395) V8 diesel	01/1994	-	DELCO REMY	806	087
Série 6.2 Diesel		-	-	DELCO REMY	1-551	085
T series	4.3 L	01/1988	12/1989	DELCO REMY	4-861	095
Terrain		01/2010	-	DELCO REMY	1-866	097
		01/2011	-	DELCO REMY	1-866	097
Topkick	with 6.6 liters diesel engine	-	-	HITACHI	4-981	126
Trucks - Medium & Heavy-Duty	All models with 3406 Caterpillar engine	01/1987	01/1988	DELCO REMY	458	082

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GMC		de /from	until	M.Part./Starter	ZM	Pag.
Trucks N9E/ N9F Bison	with 3406 Caterpillar engine	01/1997	-	DELCO REMY	458	082
V series	Pick-up 6.6 L with diesel engine	01/2001	12/2003	HITACHI	4-981	126
Yukon		01/2008	-	DELCO REMY	1-866	097
		01/1994	-	DELCO REMY	8-860	094
GURGEL		de /from	until	M.Part./Starter	ZM	Pag.
BR 800	com motor Enertron 800	02/1989	05/1993	BOSCH	879	054
Carajás	1.8	02/1988	12/1994	BOSCH	571	020
Sedan		-	-	BOSCH	571	020
		-	-	BOSCH	580	024
Supermini		-	-	BOSCH	571	020
		-	-	BOSCH	580	024
Tocantins	L com motor VW-GB 1600	02/1988	05/1993	BOSCH	879	054
	TR com motor VW-GB 1600	02/1988	05/1993	BOSCH	879	054
HARLEY DAVIDSON		de /from	until	M.Part./Starter	ZM	Pag.
Motocicletas	FLH 1200	01/1965	12/1987	MOTO	5-501	171
	FXE 1200	01/1965	12/1987	MOTO	5-501	171
	XLH 1000	01/1965	12/1987	MOTO	5-501	171
Motorcycles	FLH 1200	01/1965	12/1987	MOTO	5-501	171
	FXE 1200	01/1965	12/1987	MOTO	5-501	171
	XLH 1000	01/1965	12/1987	MOTO	5-501	171
HINO		de /from	until	M.Part./Starter	ZM	Pag.
Bus		-	-	SAWAFUJI	856	182
Caminhões		-	-	SAWAFUJI	1-855	182
		-	-	SAWAFUJI	855	182
		-	-	SAWAFUJI	856	182
EC100		-	-	SAWAFUJI	1-855	182
EH100		-	-	SAWAFUJI	1-855	182
FB		-	-	SAWAFUJI	1-855	182
FD		-	-	SAWAFUJI	1-855	182
		-	-	SAWAFUJI	856	182
FD3H		-	-	PRESTOLITE	1-486	177
FF		-	-	SAWAFUJI	856	182
FN		01/1985	-	SAWAFUJI	855	182
FR		01/1985	-	SAWAFUJI	855	182
GN		01/1985	-	SAWAFUJI	855	182
Medium Truck		-	-	SAWAFUJI	1-855	182
		-	-	SAWAFUJI	855	182
		-	-	SAWAFUJI	856	182
Truck		-	-	SAWAFUJI	856	182
HITACHI		de /from	until	M.Part./Starter	ZM	Pag.
Excavator ZX350-3	7.8L Isuzu engine	01/1999	-	MITSUBISHI	6-898	164
Excavator ZX350H	7.8L Isuzu engine	01/1999	-	MITSUBISHI	6-898	164
Excavator ZX350K	7.8L Isuzu engine	01/1999	-	MITSUBISHI	6-898	164
Excavator ZX350LCH	7.8L Isuzu engine	01/1999	-	MITSUBISHI	6-898	164
Excavator ZX350LCK	7.8L Isuzu engine	01/1999	-	MITSUBISHI	6-898	164
Excavator ZX350MTH	7.8L Isuzu engine	01/1999	-	MITSUBISHI	6-898	164
HONDA		de /from	until	M.Part./Starter	ZM	Pag.
Accord	1.6 i	10/1998	12/2002	VALEO	6-495	192
	1.8 i	10/1998	12/2002	VALEO	6-495	192
	1600	05/1976	10/1978	HITACHI	584	114
	2.0l Turbo DI	02/1999	12/2002	VALEO	6-495	192
	2.0l i	10/1998	01/2001	VALEO	6-495	192
	2.2l R	02/1999	12/2002	VALEO	6-495	192
	2.3 L	01/1998	12/2002	MITSUBA	609	146
	2.3L	01/2001	06/2003	VALEO	6-495	192
	3.0L	01/1998	12/2002	MITSUBA	608	145

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HONDA		de /from	until	M.Part./Starter	ZM	Pag.
Accord	Coupe 2.0 i 16V	02/1998	06/2003	VALEO	6-495	192
	Hatchback 2.0L	12/1999	12/2002	VALEO	6-495	192
	Hatchback 2.3L	11/2000	12/2002	VALEO	6-495	192
	II 1.6L EX with EZ engine	09/1983	10/1985	MITSUBA	603	144
	II 1.8L EX with ET1 engine	09/1983	10/1985	MITSUBA	603	144
	IV 2.2i 16V (Autom) with F22A3 engine	01/1990	03/1993	MITSUBA	604	144
	IV Aerodeck 2.2i 16V with F22A7 engine	01/1991	12/1993	MITSUBA	604	144
	IV Coupè 2.0i 16V with F20A7 engine	01/1992	09/1993	MITSUBA	604	144
	V 2.0i S with F20Z1 engine	03/1993	01/1996	MITSUBA	604	144
	V 2.0i with F20Z2 engine	03/1993	01/1996	MITSUBA	604	144
		01/1988	12/1995	MITSUBA	606	145
		-	-	DENSO	1-708	106
		07/2008	-	DENSO	3-705	104
Acura		01/1988	12/1995	MITSUBA	606	145
Ballade	1300	08/1980	-	HITACHI	584	114
Biz 125 ES		-	-	MOTO	1-101	170
		-	-	MOTO	111	171
CBX 200 Strada		-	-	MOTO	1-101	170
		-	-	MOTO	101	170
CBX 250 Twister		-	-	MOTO	1-101	170
		-	-	MOTO	102	170
CG 150		-	-	MOTO	111	171
CR-V	2.0 i.VTEC Gasoline	01/2007	-	DENSO	3-705	104
	I 2.0 16V with B20B engine	10/1995	01/1999	MITSUBA	602	144
		-	-	DENSO	9-705	105
CRX	1.3 L	01/1984	-	HITACHI	712	120
		01/1984	-	DENSO	702	102
	1.5 L	01/1984	12/1991	HITACHI	712	120
		01/1984	12/1991	DENSO	702	102
	I 1.5i with EW3 engine	10/1983	11/1986	MITSUBA	602	144
	II 1.6i 16V with D16A9 engine	10/1987	12/1989	MITSUBA	602	144
	II 1.6i 16V with D16Z5 engine	10/1987	02/1992	MITSUBA	602	144
		01/1988	12/1995	MITSUBA	606	145
City		-	-	DENSO	6-708	107
		-	-	DENSO	3-705	104
Civic	1.3 L	01/1984	12/1987	HITACHI	712	120
		01/1982	12/1987	DENSO	702	102
	1.4	01/1998	12/2000	MITSUBA	605	144
	1.5 L	01/1984	12/1991	HITACHI	712	120
		01/1982	12/1991	DENSO	702	102
	1.6 L	01/1988	12/1991	HITACHI	712	120
		01/1998	12/2000	MITSUBA	605	144
		01/1996	12/2000	MITSUBA	608	145
		01/1988	12/1991	DENSO	702	102
	1.7 L	01/2001	12/2005	DENSO	4-705	104
	1.8 L	01/2006	01/2011	DENSO	3-705	104
	1200	07/1972	08/1979	HITACHI	584	114
	1300	06/1978	12/1979	HITACHI	584	114
	1500	07/1969	08/1979	HITACHI	584	114
	2.0	01/2006	01/2011	DENSO	3-705	104
	Del Sol 1.6L	01/1996	12/1997	MITSUBA	608	145
	I Shuttle 1.5 4WD with EW2 engine	01/1984	10/1987	MITSUBA	602	144
	I Shuttle 1.5 with EW2 engine	10/1983	10/1987	MITSUBA	602	144
	II 1.2 with ZA2 engine	10/1983	10/1987	MITSUBA	602	144
	II 1.3 with EV2 engine	10/1983	10/1987	MITSUBA	602	144
	II 1.5 GL with EW2 engine	01/1983	10/1987	MITSUBA	602	144
	II 1.5 GT with EW3 engine	01/1985	10/1987	MITSUBA	602	144
	II 1.5 GTi with EW4 engine	03/1986	10/1987	MITSUBA	602	144
	II Shuttle 1.6 i 16V 4WD with D16A6 engine	01/1988	12/1989	MITSUBA	602	144

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APPLICATION CHART

HONDA		de /from	until	M.Part./Starter	ZM	Pag.
Civic	III 1.3 16V with D13B1/ D13B2 engine	10/1987	09/1981	MITSUBA	602	144
	III 1.3 with D13B1/ D13B2 engine	10/1987	09/1981	MITSUBA	602	144
	III 1.4L with D14A1 engine	10/1987	12/1989	MITSUBA	602	144
	III 1.5i 16V with D15B2 engine	10/1987	09/1991	MITSUBA	602	144
	III 1.6i 16V with D16A6 engine	10/1987	09/1991	MITSUBA	602	144
	III 1.6i 16V with D16Z2 engine	10/1991	11/1995	MITSUBA	602	144
	IV 1.3 16V with D13B2 engine	10/1991	11/1995	MITSUBA	602	144
	IV 1.5 16V with D15B2/ D15Z1 engine	10/1991	11/1995	MITSUBA	602	144
	IV Coupè 1.5 i LSi with D15B7 engine	01/1994	12/1996	MITSUBA	602	144
	V 2.0 i TD	01/1997	02/2001	MITSUBA	602	144
	V Aerodeck 2.0 i D	04/1998	02/2001	MITSUBA	602	144
		01/1988	12/1995	MITSUBA	606	145
		-	-	DENSO	9-705	105
		01/2001	12/2005	DENSO	2-705	103
Concerto	1.5i 16V with D15B2 engine	08/1989	03/1995	MITSUBA	602	144
	1.6i 16V with D16A8 engine	08/1989	03/1995	MITSUBA	602	144
	1.6i 16V with D16Z2 engine	08/1989	03/1995	MITSUBA	602	144
FR-V	1.8 Gasoline	01/2007	-	DENSO	3-705	104
Fit	1.4 L	-	-	DENSO	6-705	104
		-	-	DENSO	6-708	107
		01/2007	12/2009	DENSO	7-705	104
HR-V	1.6 16V	01/1999	-	MITSUBA	1-608	145
	1.6 16V 4WD	01/1999	-	MITSUBA	1-608	145
Integra	1.8 Type-R with B18C6 engine	11/1997	10/2001	MITSUBA	602	144
		01/1988	12/1995	MITSUBA	606	145
Jazz	45 1.2 with ER2 engine	02/1984	10/1986	MITSUBA	602	144
	55 1.2 with ER4 engine	09/1984	10/1986	MITSUBA	602	144
	56 1.2 with ER1 engine	10/1983	10/1986	MITSUBA	602	144
		-	-	DENSO	6-708	107
		-	-	DENSO	6-705	104
NX 200		-	-	MOTO	1-101	170
		-	-	MOTO	101	170
NX 350 Sahara		-	-	MOTO	1-101	170
		-	-	MOTO	112	171
NX4 Falcon		-	-	MOTO	1-101	170
		-	-	MOTO	103	170
NXR 125 Bross ES		-	-	MOTO	1-101	170
		01/2003	12/2004	MOTO	111	171
NXR 150 Bross		-	-	MOTO	1-101	170
		01/2003	12/2004	MOTO	111	171
Odyssey	2.3L	01/1998	-	MITSUBA	609	146
	3.5L V6	01/1999	12/2001	MITSUBA	608	145
Prelude	III 2.0 EX with B20A3 engine	04/1987	01/1992	MITSUBA	603	144
	III 2.0 with B20A4 engine	08/1987	01/1992	MITSUBA	603	144
	III 2.0i EX 16V with B20A7 engine	10/1987	12/1990	MITSUBA	603	144
	III 2.0i EX 16V with B20A9 engine	04/1990	01/1992	MITSUBA	607	145
		01/1988	12/1995	MITSUBA	606	145
Quintet	Ch. 1031323-1100000	02/1980	-	HITACHI	584	114
STREAM		01/2001	01/2004	MITSUBA	1-608	145
Shuttle	2.2 16V with F22B8 engine	10/1994	02/1998	MITSUBA	604	144
	2.3 16V with F23A7 engine	01/1998	05/2001	MITSUBA	604	144
TN Acty		01/1977	12/1979	HITACHI	584	114
Titan ES		-	-	MOTO	1-101	170
		-	-	MOTO	111	171
Wagovan	1.5 L	01/1984	12/1987	HITACHI	712	120
		01/1982	12/1987	DENSO	702	102
XLR 125		-	-	MOTO	1-101	170
		-	-	MOTO	111	171

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HONDA		de /from	until	M.Part./Starter	ZM	Pag.
XR 200		-	-	MOTO	1-101	170
		-	-	MOTO	101	170
XR 250		-	-	MOTO	1-101	170
		-	-	MOTO	102	170
HUERLIMANN		de /from	until	M.Part./Starter	ZM	Pag.
H 345		04/1979	06/1983	BOSCH	643	032
H 490		04/1979	06/1983	BOSCH	643	032
H 5110		03/1979	06/1983	BOSCH	643	032
H 6130		03/1979	06/1983	BOSCH	643	032
H 6160		03/1979	06/1983	BOSCH	643	032
HYSTER		de /from	until	M.Part./Starter	ZM	Pag.
Empilhadeira	com motor GM-2500 4 cilindros	-	-	WAPSA	503	201
	com motor GM-4100 6 cilindros	-	-	WAPSA	503	201
	com motor Perkins 4-206	-	-	WAPSA	503	201
	com motor Perkins 4-236 4 cilindros	-	-	WAPSA	503	201
Forklift	with 4D94E engine	-	-	HITACHI	5-981	126
Guindaste KF		06/1970	-	WAPSA	504	202
H-150		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
H-150E		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
H-165		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
H-165E		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
H-180		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
H-180E		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
H-200		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
H-200E		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
H-200ES		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
H-225		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
H-225E		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
H-250A		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
H-250E		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
H-300		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081

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HYSTER		de /from	until	M.Part./Starter	ZM	Pag.
H-360A		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
H-360AD		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
H-400A		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
H-400AD		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
H-460AD		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
H-700		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
H-800A		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
Lift Truck	H40FT with 2.4L GM GAS Engine	01/2005	12/2009	DELCO REMY	6-860	094
	H50FT with 2.4L GM GAS Engine	01/2005	12/2009	DELCO REMY	6-860	094
	H60FT with 2.4L GM GAS Engine	01/2005	12/2009	DELCO REMY	6-860	094
	H70FT with 2.4L GM GAS Engine	01/2005	12/2009	DELCO REMY	6-860	094
Lift Trucks	with Mazda HA engine	-	-	MITSUBISHI	1-895	160
	with Mazda XA engine	-	-	MITSUBISHI	1-895	160
M-500		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
M-600	com motor Cummins	-	-	DELCO REMY	356	067
		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
P-125A		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
P-150A		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
P-165A		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
P-180A		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081

HYUNDAI		de /from	until	M.Part./Starter	ZM	Pag.
Accent	1.3 with G4E-A engine	01/2000	-	MITSUBISHI	1-691	147
	1.3L	01/1995	-	MITSUBISHI	1-699	152
		01/1995	-	MITSUBISHI	2-699	153
		01/1995	-	MITSUBISHI	4-699	153
		01/1995	-	MITSUBISHI	699	152
	1.3L Saloon with G4E-A engine	01/2000	-	MITSUBISHI	1-691	147
	1.3i 12V Saloon with G4EH engine	10/1994	01/2000	MITSUBISHI	1-691	147
	1.3i 12V with G4EH engine	10/1994	01/2000	MITSUBISHI	1-691	147
	1.3l Saloon with G4EH engine	10/1994	01/2000	MITSUBISHI	1-691	147
	1.5 with G4EB engine	01/2000	-	MITSUBISHI	1-691	147
	1.5 with G4EC-G engine	09/2000	-	MITSUBISHI	1-691	147
	1.5 with G4EH engine	10/1994	01/2000	MITSUBISHI	1-691	147

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HYUNDAI		de /from	until	M.Part./Starter	ZM	Pag.
Accent	1.5L	01/1994	-	MITSUBISHI	798	157
	1.5L Saloon with G4EB engine	01/2000	-	MITSUBISHI	1-691	147
	1.5i 12V Saloon with G4EK engine	10/1994	01/2000	MITSUBISHI	1-691	147
	1.5i 12V with G4EK engine	10/1994	01/2000	MITSUBISHI	1-691	147
	1.6L	-	-	VALEO	3-391	183
Amica		01/2001	-	VALEO	1-391	183
Atoz		01/1998	-	VALEO	1-391	183
Azera	3.3 L	01/2009	12/2011	DELCO REMY	9-860	094
	3.8 L	01/2006	12/2011	DELCO REMY	9-860	094
		-	-	DELCO REMY	1-261	065
Click		01/2002	-	VALEO	1-391	183
Coupe	2.0 16V	10/2004	-	VALEO	392	184
	V6	01/2002	12/2006	VALEO	2-392	184
Elantra	1.5L	01/1985	12/1994	MITSUBISHI	798	157
	1.6L 16V (DOHC)	01/1991	12/1994	MITSUBISHI	1-699	152
		01/1991	12/1994	MITSUBISHI	2-699	153
		01/1991	12/1994	MITSUBISHI	4-699	153
		01/1991	12/1994	MITSUBISHI	699	152
	1.8L 16V (DOHC)	01/1991	12/1994	MITSUBISHI	1-699	152
		01/1991	12/1994	MITSUBISHI	2-699	153
		01/1991	12/1994	MITSUBISHI	4-699	153
		01/1991	12/1994	MITSUBISHI	699	152
	2.0L	01/2007	-	VALEO	392	184
	I 1.6 16V	01/1991	08/1995	MITSUBISHI	696	150
	I 1.8 16V	01/1991	08/1995	MITSUBISHI	696	150
	II 1.6 16V Mecc with 4G61 engine	11/1995	09/2000	MITSUBISHI	691	147
	II 1.8 16V Mecc with G4GM engine	11/1995	09/2000	MITSUBISHI	691	147
	II 2.0 16V Mecc with G4GF engine	08/1996	09/2000	MITSUBISHI	691	147
		01/2013	-	VALEO	2-391	183
		03/2011	-	VALEO	391	183
Entourage	3.8 L	01/2008	-	DELCO REMY	9-860	094
Equus	4.6L V8	01/2011	-	DELCO REMY	2-866	097
	5.0L V8	01/2012	-	DELCO REMY	2-866	097
Exel	1.5	01/1994	-	MITSUBISHI	798	157
	Saloon 1.5i with G15B engine	01/1990	01/1995	MITSUBISHI	1-691	147
	Saloon 1.5i with G4DJ engine	01/1990	01/1995	MITSUBISHI	1-691	147
Genesis	3.8L	01/2010	-	DELCO REMY	2-866	097
	4.6L V8	01/2011	-	DELCO REMY	2-866	097
	5.0L V8	01/2012	-	DELCO REMY	2-866	097
Genesis Coupe	2.0L	01/2010	12/2013	DELCO REMY	866	097
	2.0L VIN D	01/2011	-	DELCO REMY	866	097
Getz	1.6L	-	-	VALEO	3-391	183
H-1	2.5 CRDi	02/2008	-	VALEO	4-498	195
H100	2.4L	01/1994	-	MITSUBISHI	1-699	152
		01/1994	-	MITSUBISHI	2-699	153
		01/1994	-	MITSUBISHI	4-699	153
		01/1994	-	MITSUBISHI	696	150
		01/1994	-	MITSUBISHI	699	152
HB20		01/2013	-	VALEO	2-391	183
HR		-	-	VALEO	4-491	186
		-	-	VALEO	5-491	186
Lantra	1.9 Diesel	-	-	BOSCH	4-382	007
	I 1.5i.e. with G15B engine	10/1990	11/1995	MITSUBISHI	1-691	147
	I 1.5i.e. with G4DJ engine	10/1990	11/1995	MITSUBISHI	1-691	147
Matrix	1.6L	-	-	VALEO	3-391	183
Pony	1.2L	10/1978	09/1985	MITSUBISHI	1-699	152
		10/1978	09/1985	MITSUBISHI	2-699	153
		10/1978	09/1985	MITSUBISHI	4-699	153

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APPLICATION CHART

HYUNDAI		de /from	until	M.Part./Starter	ZM	Pag.
Pony	1.2L	10/1978	09/1985	MITSUBISHI	699	152
	1.3L Saloon with G13B engine	10/1985	09/1989	MITSUBISHI	1-691	147
	1.3L with G13B engine	10/1985	09/1989	MITSUBISHI	1-691	147
	1.3L with G4DG engine	10/1989	01/1995	MITSUBISHI	1-691	147
	1.4L	10/1978	09/1985	MITSUBISHI	1-699	152
		10/1978	09/1985	MITSUBISHI	2-699	153
		10/1978	09/1985	MITSUBISHI	4-699	153
		10/1978	09/1985	MITSUBISHI	699	152
	1.5L	10/1985	-	MITSUBISHI	798	157
	1.5L Saloon with G15B engine	10/1985	09/1989	MITSUBISHI	1-691	147
	1.5L Saloon with G4DJ engine	10/1985	09/1989	MITSUBISHI	1-691	147
	1.5L with G15B engine	10/1985	09/1989	MITSUBISHI	1-691	147
	1.5L with G4DJ engine	10/1985	09/1989	MITSUBISHI	1-691	147
	1.5i Saloon with G15B engine	01/1990	01/1995	MITSUBISHI	1-691	147
	1.5i Saloon with G4DJ engine	01/1990	01/1995	MITSUBISHI	1-691	147
	1.5i with G15B engine	10/1989	01/1995	MITSUBISHI	1-691	147
	1.5i with G4DJ engine	10/1989	01/1995	MITSUBISHI	1-691	147
	mk1 1.3 L	01/1982	12/1986	MITSUBISHI	1-699	152
		01/1982	12/1986	MITSUBISHI	2-699	153
		01/1982	12/1986	MITSUBISHI	4-699	153
		01/1982	12/1986	MITSUBISHI	699	152
	mk2 1.3L	01/1982	12/1989	MITSUBISHI	798	157
	mk3 1.3L	01/1982	12/1989	MITSUBISHI	798	157
Porter	2.4L	01/1997	-	MITSUBISHI	1-699	152
		01/1997	-	MITSUBISHI	2-699	153
		01/1997	-	MITSUBISHI	4-699	153
		01/1997	-	MITSUBISHI	699	152
S Coupe	1.5L	10/1985	11/1991	MITSUBISHI	798	157
	1.5i with G15B engine	02/1990	05/1996	MITSUBISHI	1-691	147
	1.5i with G4DJ engine	02/1990	05/1996	MITSUBISHI	1-691	147
Santa Fé	2.7L	01/2007	12/2009	DELCO REMY	866	097
		01/2001	12/2006	VALEO	2-392	184
	3.5L	01/2003	12/2005	VALEO	2-392	184
		01/2010	12/2014	VALEO	8-492	188
		01/2010	-	DELCO REMY	1-261	065
Satellite	2.5 CRDi	01/2008	-	VALEO	4-498	195
Sonata	1.8L	01/1986	08/1998	MITSUBISHI	1-699	152
		01/1986	08/1998	MITSUBISHI	2-699	153
		01/1986	08/1998	MITSUBISHI	4-699	153
		01/1986	08/1998	MITSUBISHI	699	152
	2.0L	01/1986	08/1998	MITSUBISHI	1-699	152
		01/1986	08/1998	MITSUBISHI	2-699	153
		01/1986	08/1998	MITSUBISHI	4-699	153
		01/1986	08/1998	MITSUBISHI	699	152
	2.4L	01/2006	12/2009	DELCO REMY	866	097
		01/2009	12/2014	VALEO	8-492	188
	2.5L	01/1999	12/2001	VALEO	2-392	184
	2.7L	01/2002	12/2005	VALEO	2-392	184
	3.3 L	01/2006	12/2009	DELCO REMY	866	097
	I 3.0i V6 with G6AT engine	01/1991	10/1993	MITSUBISHI	1-698	151
		01/1991	10/1993	MITSUBISHI	5-698	151
	II 2.0i 16V with G4CP-DM engine	06/1996	06/1998	MITSUBISHI	696	150
	II 3.0i V6 with G6AT engine	05/1993	06/1998	MITSUBISHI	1-698	151
		05/1993	06/1998	MITSUBISHI	5-698	151
		01/2011	-	DELCO REMY	1-261	065
Starex	2.4L	06/1997	-	MITSUBISHI	696	150
Stellar	1.6L	10/1983	12/1991	MITSUBISHI	1-691	147
	2.0L	01/1987	12/1989	MITSUBISHI	694	148
Terracan		12/2001	12/2006	VALEO	2-392	184

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HYUNDAI		de /from	until	M.Part./Starter	ZM	Pag.
Tiburon	2.0 CVVT	01/2007	-	VALEO	392	184
	2.7L	01/2003	12/2008	VALEO	2-392	184
Trajet		09/2000	07/2008	VALEO	2-392	184
Tucson	2.7L	01/2005	12/2009	VALEO	2-392	184
		01/2011	-	DELCO REMY	1-261	065
		-	-	VALEO	392	184
VeraCruz	3.8L	01/2010	12/2012	DELCO REMY	9-860	094
Verna	1.6L	-	-	VALEO	3-391	183
XG300	3.0L	01/2001	-	VALEO	2-392	184
XG350	3.5L	01/2002	12/2005	VALEO	2-392	184
		10/2002	12/2005	VALEO	2-392	184
i10		01/2008	-	VALEO	1-391	183
i20		-	-	MITSUBISHI	2-995	168
		03/2011	-	VALEO	391	183
i30	2.0L	10/2007	-	VALEO	392	184
		-	-	MITSUBISHI	2-995	168
		01/2012	-	VALEO	2-391	183
iX35		01/2010	-	DELCO REMY	1-261	065
IHC		de /from	until	M.Part./Starter	ZM	Pag.
DT466 7.6L		-	-	DELCO REMY	840	092
Truck		-	-	DELCO REMY	841	092
INTERNATIONAL		de /from	until	M.Part./Starter	ZM	Pag.
2554	with DT-466, 7.6L International diesel engine	01/1998	12/2006	MITSUBISHI	2-842	158
	with DT-530, 8.7L International diesel engine	01/1998	12/2003	MITSUBISHI	2-842	158
2564	with DT-466, 7.6L International diesel engine	01/1998	12/2006	MITSUBISHI	2-842	158
	with DT-530, 8.7L International diesel engine	01/1998	12/2003	MITSUBISHI	2-842	158
2574	with C12, 12.0L Caterpillar diesel engine	01/1997	12/2000	MITSUBISHI	2-842	158
	with DT-466, 7.6L International diesel engine	01/1998	12/2003	MITSUBISHI	2-842	158
	with DT-530, 8.7L International diesel engine	01/1998	12/2003	MITSUBISHI	2-842	158
	with ISM Cummins diesel engine	01/1997	12/2000	MITSUBISHI	2-842	158
	with N14, 14.0L Cummins diesel engine	01/1993	12/2000	MITSUBISHI	2-842	158
2575	with C12, 12.0L Caterpillar diesel engine	01/1997	12/2000	MITSUBISHI	2-842	158
	with DT- 466, 7.6L International diesel engine	01/1998	12/2003	MITSUBISHI	2-842	158
	with DT- 530, 8.7L International diesel engine	01/1998	12/2003	MITSUBISHI	2-842	158
	with ISM Cummins diesel engine	01/1997	12/2000	MITSUBISHI	2-842	158
	with N14, 14.0L Cummins diesel engine	01/1993	12/2000	MITSUBISHI	2-842	158
2654	with DT-466, 7.6L International diesel engine	01/1998	12/2006	MITSUBISHI	2-842	158
	with DT-530, 8.7L International diesel engine	01/1998	12/2003	MITSUBISHI	2-842	158
2674	with C10, 10.3L Caterpillar diesel engine	01/1997	12/2000	MITSUBISHI	2-842	158
	with DT- 466, 7.6L International diesel engine	01/1998	12/2006	MITSUBISHI	2-842	158
	with DT- 530, 8.7L International diesel engine	01/1998	12/2003	MITSUBISHI	2-842	158
	with N14, 14.0L Cummins diesel engine	01/1993	12/2000	MITSUBISHI	2-842	158
2675	with C10, 10.3L Caterpillar diesel engine	01/1997	12/2000	MITSUBISHI	2-842	158
	with DT- 466, 7.6L International diesel engine	01/1998	12/2006	MITSUBISHI	2-842	158
	with DT- 530, 8.7L International diesel engine	01/1998	12/2003	MITSUBISHI	2-842	158
	with N14, 14.0L Cummins diesel engine	01/1993	12/2000	MITSUBISHI	2-842	158
3000	with DT-466, 7.6L International diesel engine	01/1998	12/2007	MITSUBISHI	2-842	158
	with DT-530, 8.7L International diesel engine	01/1998	12/2003	MITSUBISHI	2-842	158
	with HT-570, 9.3L International diesel engine	01/2007	12/2008	MITSUBISHI	2-842	158
		01/1999	-	DELCO REMY	2-407	071
		01/1999	-	DELCO REMY	3-407	071
		01/1999	-	DELCO REMY	3-818	091
3900	with DT-466, 7.6L International diesel engine	01/1998	12/2007	MITSUBISHI	2-842	158
	with DT-530, 8.7L International diesel engine	01/1998	12/2003	MITSUBISHI	2-842	158
	with HT-570, 9.3L International diesel engine	01/2007	12/2008	MITSUBISHI	2-842	158
4000	with DT-466, 7.6L International diesel engine	01/1998	12/2007	MITSUBISHI	2-842	158
	with DT-530, 8.7L International diesel engine	01/1998	12/2007	MITSUBISHI	2-842	158
	with HT-570, 9.3L International diesel engine	01/2004	12/2008	MITSUBISHI	2-842	158

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INTERNATIONAL		de /from	until	M.Part./Starter	ZM	Pag.
4000		01/2003	-	DELCO REMY	2-407	071
		01/1999	-	DELCO REMY	3-407	071
		01/2003	-	DELCO REMY	3-818	091
4900	with DT-466, 7.6L International diesel engine	01/1998	12/2007	MITSUBISHI	2-842	158
	with DT-530, 8.7L International diesel engine	01/1998	12/2007	MITSUBISHI	2-842	158
	with HT-570, 9.3L International diesel engine	01/2004	12/2008	MITSUBISHI	2-842	158
5000	with C10, 10.3L Caterpillar diesel engine	01/1997	12/2003	MITSUBISHI	2-842	158
	with C12, 12.0L Caterpillar diesel engine	01/1997	12/2003	MITSUBISHI	2-842	158
	with C15 Caterpillar diesel engine	01/2000	12/2007	MITSUBISHI	2-842	158
	with DT-530, 8.7L International diesel engine	01/1998	12/2007	MITSUBISHI	2-842	158
	with ISM Cummins diesel engine	01/2000	12/2007	MITSUBISHI	2-842	158
	with ISX Cummins diesel engine	01/2000	12/2007	MITSUBISHI	2-842	158
5900	with C10, 10.3L Caterpillar diesel engine	01/1997	12/2003	MITSUBISHI	2-842	158
	with C12, 12.0L Caterpillar diesel engine	01/1997	12/2003	MITSUBISHI	2-842	158
	with C15 Caterpillar diesel engine	01/2000	12/2007	MITSUBISHI	2-842	158
	with DT-530, 8.7L International diesel engine	01/1998	12/2007	MITSUBISHI	2-842	158
	with HT-570, 9.3L International diesel engine	01/2004	12/2008	MITSUBISHI	2-842	158
	with ISM Cummins diesel engine	01/2000	12/2007	MITSUBISHI	2-842	158
	with ISX Cummins diesel engine	01/2000	12/2007	MITSUBISHI	2-842	158
7100	with C10 10.3L Caterpillar diesel engine	01/2003	12/2004	MITSUBISHI	2-842	158
	with C12 12.0L Caterpillar diesel engine	01/2003	12/2004	MITSUBISHI	2-842	158
	with C15 Caterpillar diesel engine	01/2005	12/2007	MITSUBISHI	2-842	158
	with DT-466, 7.6L International diesel engine	01/1998	12/2007	MITSUBISHI	2-842	158
	with DT-530, 8.7L International diesel engine	01/1998	12/2007	MITSUBISHI	2-842	158
	with DT-570, 9.3L International diesel engine	01/2003	12/2007	MITSUBISHI	2-842	158
	with HT-570, 9.3L International diesel engine	01/2004	12/2008	MITSUBISHI	2-842	158
	with ISM Cummins diesel engine	01/2003	12/2007	MITSUBISHI	2-842	158
	with ISX Cummins diesel engine	01/2003	12/2007	MITSUBISHI	2-842	158
7700	with C10 10.3L Caterpillar diesel engine	01/2003	12/2004	MITSUBISHI	2-842	158
	with C12 12.0L Caterpillar diesel engine	01/2003	12/2004	MITSUBISHI	2-842	158
	with C15 Caterpillar diesel engine	01/2005	12/2007	MITSUBISHI	2-842	158
	with DT-466, 7.6L International diesel engine	01/1998	12/2007	MITSUBISHI	2-842	158
	with DT-530, 8.7L International diesel engine	01/1998	12/2007	MITSUBISHI	2-842	158
	with DT-570, 9.3L International diesel engine	01/2003	12/2007	MITSUBISHI	2-842	158
	with HT-570, 9.3L International diesel engine	01/2004	12/2008	MITSUBISHI	2-842	158
	with ISM Cummins diesel engine	01/2003	12/2007	MITSUBISHI	2-842	158
	with ISX Cummins diesel engine	01/2003	12/2007	MITSUBISHI	2-842	158
8100	with C10, 10.3L Caterpillar diesel engine	01/1997	12/2003	MITSUBISHI	2-842	158
	with C12, 12.0L Caterpillar diesel engine	01/2003	12/2005	MITSUBISHI	2-842	158
	with DT-466, 7.6L International diesel engine	01/1998	12/2007	MITSUBISHI	2-842	158
	with DT-530, 8.7L International diesel engine	01/1998	12/2007	MITSUBISHI	2-842	158
	with DT-570, 9.3L International diesel engine	01/2003	12/2007	MITSUBISHI	2-842	158
	with HT-570, 9.3L International diesel engine	01/2004	12/2008	MITSUBISHI	2-842	158
	with ISM Cummins diesel engine	01/1998	12/2007	MITSUBISHI	2-842	158
	with N14, 14.0L Cummins diesel engine	01/1991	12/2000	MITSUBISHI	2-842	158
8600	with C10, 10.3L Caterpillar diesel engine	01/1997	12/2003	MITSUBISHI	2-842	158
	with C12, 12.0L Caterpillar diesel engine	01/2003	12/2005	MITSUBISHI	2-842	158
	with DT-466, 7.6L International diesel engine	01/1998	12/2007	MITSUBISHI	2-842	158
	with DT-530, 8.7L International diesel engine	01/1998	12/2007	MITSUBISHI	2-842	158
	with DT-570, 9.3L International diesel engine	01/2003	12/2007	MITSUBISHI	2-842	158
	with HT-570, 9.3L International diesel engine	01/2004	12/2008	MITSUBISHI	2-842	158
	with ISM Cummins diesel engine	01/1998	12/2007	MITSUBISHI	2-842	158
	with N14, 14.0L Cummins diesel engine	01/1991	12/2000	MITSUBISHI	2-842	158
9100	with C10, 10.3L Caterpillar diesel engine	01/1997	12/2003	MITSUBISHI	2-842	158
	with C12, 12.0L Caterpillar diesel engine	01/1997	12/2003	MITSUBISHI	2-842	158
	with C15 Caterpillar diesel engine	01/2000	12/2007	MITSUBISHI	2-842	158
	with DT-466, 7.6L International diesel engine	01/1998	12/2003	MITSUBISHI	2-842	158
	with DT-530, 8.7L International diesel engine	01/1998	12/2003	MITSUBISHI	2-842	158
	with ISM Cummins diesel engine	01/1997	12/2007	MITSUBISHI	2-842	158

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9100	with ISX Cummins diesel engine	01/1997	12/2007	MITSUBISHI	2-842	158
	with N14, 14.0L Cummins diesel engine	01/1996	12/2003	MITSUBISHI	2-842	158
	with hT-570, 9.3L International diesel engine	01/2004	12/2008	MITSUBISHI	2-842	158
9900	with C10, 10.3L Caterpillar diesel engine	01/1997	12/2003	MITSUBISHI	2-842	158
	with C12, 12.0L Caterpillar diesel engine	01/1997	12/2003	MITSUBISHI	2-842	158
	with C15 Caterpillar diesel engine	01/2000	12/2007	MITSUBISHI	2-842	158
	with DT-466, 7.6L International diesel engine	01/1998	12/2003	MITSUBISHI	2-842	158
	with DT-530, 8.7L International diesel engine	01/1998	12/2003	MITSUBISHI	2-842	158
	with HT-570, 9.3L International diesel engine	01/2004	12/2008	MITSUBISHI	2-842	158
	with ISM Cummins diesel engine	01/1997	12/2007	MITSUBISHI	2-842	158
	with ISX Cummins diesel engine	01/1997	12/2007	MITSUBISHI	2-842	158
	with N14, 14.0L Cummins diesel engine	01/1996	12/2003	MITSUBISHI	2-842	158
BE	with MaxxForce 9, 9.3L diesel engine	01/2013	12/2014	MITSUBISHI	2-842	158
		01/2005	-	DELCO REMY	2-407	071
		01/2015	-	DELCO REMY	3-407	071
		01/2015	-	DELCO REMY	3-818	091
CE	with MaxxForce 9, 9.3L engine	01/2013	12/2014	MITSUBISHI	2-842	158
		01/2005	-	DELCO REMY	2-407	071
		01/2015	-	DELCO REMY	3-407	071
		01/2015	-	DELCO REMY	3-818	091
CXT	with DT-466, 7.6L engine	01/2004	12/2007	MITSUBISHI	2-842	158
	with MaxxForce DT, 7.6L engine	01/2008	-	MITSUBISHI	2-842	158
Caminhão	Série 4000	-	-	DELCO REMY	355	067
	Série 9000 com motor Cummins M11	-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
Cargostar	with DT-466, 7.6L engine	01/1998	12/2006	MITSUBISHI	2-842	158
	with IHC 6.9L engine	-	-	PRESTOLITE	486	177
	with IHC 9.0L engine	-	-	PRESTOLITE	486	177
	with Navistar DT-466 engine	-	-	PRESTOLITE	486	177
DT466 7.6L		-	-	DELCO REMY	840	092
DuraStar	with MaxxForce 10, 9.3L engine	01/2008	12/2013	MITSUBISHI	2-842	158
	with MaxxForce 9, 9.3L engine	01/2008	12/2013	MITSUBISHI	2-842	158
		01/2008	-	DELCO REMY	2-407	071
		01/2008	-	DELCO REMY	3-407	071
		01/2008	-	DELCO REMY	3-818	091
Genesis RE	with DT-466, 7.6L International diesel engine	01/1998	12/2002	MITSUBISHI	2-842	158
	with DT-530, 8.7L International diesel engine	01/1998	12/2002	MITSUBISHI	2-842	158
Heavy Duty Truck 1652	with engine IHC 7.3 liters	01/1993	12/2003	DELCO REMY	463	084
	with engine IHC NGD V8	01/1995	12/1998	DELCO REMY	463	084
		01/2004	-	DELCO REMY	2-407	071
		01/2004	-	DELCO REMY	3-407	071
		01/2004	-	DELCO REMY	3-818	091
Heavy Duty Truck 1654	with 7.3 liters IHC engine	01/1993	12/2003	DELCO REMY	463	084
	with IHC NGD V8 engine	01/1995	12/2003	DELCO REMY	463	084
Heavy Duty Truck 2554 Series	with IHC 530 engine	01/1997	12/2000	DELCO REMY	465	084
Heavy Duty Truck 2564 Series	with IHC 530 engine	01/1997	12/2000	DELCO REMY	465	084
Heavy Duty Truck 2574 Series	with IHC 530 engine	01/1997	12/2000	DELCO REMY	465	084
Heavy Duty Truck 2575 Series	with IHC 530 engine	01/1997	12/2000	DELCO REMY	465	084
Heavy Duty Truck 2674 Series	with IHC 530 engine	01/1997	12/2000	DELCO REMY	465	084
Heavy Duty Truck 2675 Series	with IHC 530 engine	01/1997	12/2000	DELCO REMY	465	084
Heavy Duty Truck 3000 Series Bus	with 7.3 liters IHC engine	01/1993	12/2003	DELCO REMY	463	084
	with IHC NGD V8 engine	01/1995	12/1997	DELCO REMY	463	084
Heavy Duty Truck 3900 Series Bus	with 7.3 liters IHC engine	01/1993	12/2003	DELCO REMY	463	084
	with IHC NGD V8 engine	01/1995	12/1997	DELCO REMY	463	084

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INTERNATIONAL		de /from	until	M.Part./Starter	ZM	Pag.
Heavy Duty Truck 3900 Series Bus		01/1999	-	DELCO REMY	2-407	071
		01/1999	-	DELCO REMY	3-407	071
		01/1999	-	DELCO REMY	3-818	091
Heavy Duty Truck 4200 Series	with 7.3 liters IHC engine	01/1999	12/2002	DELCO REMY	463	084
		01/2002	-	DELCO REMY	2-407	071
		01/2002	-	DELCO REMY	3-407	071
		01/2002	-	DELCO REMY	3-818	091
Heavy Duty Truck 4600 Series	with 7.3 liters IHC engine	01/1993	12/1995	DELCO REMY	463	084
Heavy Duty Truck 4700 Series	with 7.3 liters IHC engine	01/1993	12/2002	DELCO REMY	463	084
Heavy Duty Truck 8100 Series	with IHC 530 engine	01/1994	12/2002	DELCO REMY	465	084
Heavy Duty Truck 8200 Series	with IHC 530 engine	01/1994	12/2002	DELCO REMY	465	084
Heavy Duty Truck 8300 Series	with IHC 530 engine	01/1994	12/2002	DELCO REMY	465	084
Heavy Duty Truck Cargostar	with 6.9 liters IHC diesel engine	01/1985	12/1987	DELCO REMY	450	078
Loanstar	with MaxxForce 10, 9.L International engine	01/2008	12/2013	MITSUBISHI	2-842	158
Medium Truck 1652	with 7.3 liters IHC engine	01/1993	12/2003	DELCO REMY	463	084
	with IHC NGD V8 engine	01/1995	12/2003	DELCO REMY	463	084
		01/2004	-	DELCO REMY	2-407	071
		01/2004	-	DELCO REMY	3-407	071
		01/2004	-	DELCO REMY	3-818	091
Medium Truck 1654	with 7.3 liters IHC engine	01/1993	12/2003	DELCO REMY	463	084
	with IHC NGD V8 engine	01/1995	12/2003	DELCO REMY	463	084
Medium Truck 2554 Series	with IHC 530 engine	01/1997	12/2000	DELCO REMY	465	084
Medium Truck 2564 Series	with IHC 530 engine	01/1997	12/2000	DELCO REMY	465	084
Medium Truck 2574 Series	with IHC 530 engine	01/1997	12/2000	DELCO REMY	465	084
Medium Truck 2575 Series	with IHC 530 engine	01/1997	12/2000	DELCO REMY	465	084
Medium Truck 2674 Series	with IHC 530 engine	01/1997	12/2000	DELCO REMY	465	084
Medium Truck 2675 Series	with IHC 530 engine	01/1997	12/2000	DELCO REMY	465	084
Medium Truck 3000 Series	with 7.3 liters IHC engine	01/1993	12/2003	DELCO REMY	463	084
	with IHC NGD V8 engine	01/1995	12/1997	DELCO REMY	463	084
		01/1999	-	DELCO REMY	2-407	071
		01/1999	-	DELCO REMY	3-407	071
		01/1999	-	DELCO REMY	3-818	091
Medium Truck 3900 Series	with 7.3 liters IHC engine	01/1993	12/2003	DELCO REMY	463	084
	with IHC NGD V8 engine	01/1995	12/1997	DELCO REMY	463	084
		01/1999	-	DELCO REMY	2-407	071
		01/1999	-	DELCO REMY	3-407	071
		01/1999	-	DELCO REMY	3-818	091
Medium Truck 4000 Series		01/2003	-	DELCO REMY	2-407	071
		01/2003	-	DELCO REMY	3-407	071
		01/2003	-	DELCO REMY	3-818	091
Medium Truck 4200 Series	with 7.3 liters IHC engine	01/1999	12/2002	DELCO REMY	463	084
		01/2002	-	DELCO REMY	2-407	071
		01/2002	-	DELCO REMY	3-407	071
		01/2002	-	DELCO REMY	3-818	091
Medium Truck 4600 Series	with 7.3 liters IHC engine	01/1993	12/1995	DELCO REMY	463	084
Medium Truck 4700 Series	with 7.3 liters IHC engine	01/1993	12/2002	DELCO REMY	463	084
Medium Truck 4900 Series		01/2003	-	DELCO REMY	2-407	071
		01/2003	-	DELCO REMY	3-407	071
		01/2003	-	DELCO REMY	3-818	091
Medium Truck 8100	with 530 IHC engine	01/1994	12/2002	DELCO REMY	465	084

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INTERNATIONAL		de /from	until	M.Part./Starter	ZM	Pag.
Medium Truck 8200 Series	with 530 IHC engine	01/1994	12/2002	DELCO REMY	465	084
Medium Truck 8300 Series	with 530 IHC engine	01/1994	12/2002	DELCO REMY	465	084
Medium Truck Cargostar	with 6.9 liters IHC diesel engine	01/1985	12/1987	DELCO REMY	450	078
Navistar		-	-	DELCO REMY	355	067
Payscraper	350B Cummins VT-1710C	-	-	DELCO REMY	2-950	098
	350B DD 16V-71N	-	-	DELCO REMY	2-950	098
Paystar	DD 8V-92	-	-	DELCO REMY	2-950	098
	with DT-466, 7.6L International engine	01/1998	12/2006	MITSUBISHI	2-842	158
	with IHC V-800 engine	-	-	PRESTOLITE	486	177
	with MaxxForce 15, 15.2L International engine	01/2011	12/2012	MITSUBISHI	2-842	158
	with Navistar DT-466 engine	-	-	PRESTOLITE	486	177
S Series	with DT-466 International engine	01/1998	12/2006	MITSUBISHI	2-842	158
		-	-	PRESTOLITE	486	177
TerraStar		01/2010	-	DELCO REMY	2-407	071
		01/2010	-	DELCO REMY	3-407	071
		01/2010	-	DELCO REMY	3-818	091
Tractor Agricultural 3088	with IHC D-358 diesel engine	-	12/1985	DELCO REMY	450	078
Tractor Agricultural 3288	with IHC D-358 diesel engine	-	12/1985	DELCO REMY	450	078
Tractor Agricultural 3688	with IHC D-466 diesel engine	-	12/1985	DELCO REMY	450	078
Tractor Agricultural 5088	with IHC D-436 diesel engine	01/1984	12/1985	DELCO REMY	450	078
Tractor Agricultural 5288	with IHC DT-466 diesel engine	01/1984	12/1985	DELCO REMY	450	078
Tractor Agricultural 5488	with IHC DT-466 diesel engine	01/1984	12/1985	DELCO REMY	450	078
Tractor Agricultural 6588	with IHC DT-466 diesel engine	-	12/1984	DELCO REMY	450	078
Tractor Agricultural Hydro 84	with IHC D-256 diesel engine	01/1978	12/1984	DELCO REMY	450	078
Transtar	with DT-466 International engine	01/1998	12/2006	MITSUBISHI	2-842	158
	with IHC V-800 engine	-	-	PRESTOLITE	486	177
Truck	with T444E engine	-	-	DELCO REMY	840	092
		-	-	DELCO REMY	841	092
Workstar	with MaxxForce 10, 9.3L International engine	01/2008	12/2014	MITSUBISHI	2-842	158
	with MaxxForce 9, 9.3L International engine	01/2008	12/2014	MITSUBISHI	2-842	158
ISUZU		de /from	until	M.Part./Starter	ZM	Pag.
8DH	3.0 TD	-	-	HITACHI	4-719	122
D-Max	2.5 TD	-	-	HITACHI	4-719	122
	3.0 TD	-	-	HITACHI	4-719	122
Rodeo	2.5 TD	-	-	HITACHI	4-719	122
	3.0 TD	-	-	HITACHI	4-719	122
Truck	6HK1	01/1999	-	MITSUBISHI	6-898	164
		-	-	MITSUBISHI	6-898	164
JAC MOTORS		de /from	until	M.Part./Starter	ZM	Pag.
J3		-	-	MITSUBISHI	8-698	152
JAGUAR		de /from	until	M.Part./Starter	ZM	Pag.
X-Type	2.5 L (152) V6	01/2002	12/2005	FORD	1-761	110
		01/2002	12/2005	FORD	761	109
		01/2002	12/2005	FORD	8-761	110
	3.0 L (183) V6	01/2002	12/2005	FORD	1-761	110
		01/2002	12/2005	FORD	761	109
		01/2002	12/2005	FORD	8-761	110
XJ 6	4.0 com motor DOCH AJ6	09/1990	08/1994	BOSCH	474	009
	4.0 com motor DOCH AJ6 Kat.	09/1990	08/1994	BOSCH	474	009
JCB		de /from	until	M.Part./Starter	ZM	Pag.
Fastrac	3200 Xtra	-	-	ISKRA	826	129

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JCB		de /from	until	M.Part./Starter	ZM	Pag.
Fastrac	3230 Xtra	-	-	ISKRA	826	129
	8280	-	-	ISKRA	826	129
	8310	-	-	ISKRA	826	129
Teletruks TLT35		-	-	ISKRA	1-579	128
Teletruks TLT35-WM		-	-	ISKRA	1-579	128
JEEP		de /from	until	M.Part./Starter	ZM	Pag.
CJ	with 4 cylinders 2.5 engine	01/1987	-	BOSCH	779	049
Cherokee	2.5L	01/1986	12/1992	BOSCH	779	049
		01/1999	12/2000	MITSUBISHI	5-695	149
	2.5L (150)	01/1994	12/1997	MITSUBISHI	1-695	148
	2.5i com motor 4L	01/1988	08/1990	BOSCH	677	037
	3.6L V6	01/2014	-	DENSO	1-665	102
	4.0L (242) L6	01/1987	12/1993	MITSUBISHI	695	148
	4.0L V6	01/1999	12/2002	MITSUBISHI	5-695	149
		01/1999	12/2002	MITSUBISHI	6-695	150
Comanche	2.5L	01/1986	12/1992	BOSCH	779	049
	2.5L Pick-up with 4 cylinders engine	01/1986	-	BOSCH	779	049
	4.0 L (242) L6 Pick-up	01/1987	12/1992	MITSUBISHI	695	148
Grand Cherokee	4.0L	01/1999	12/2002	MITSUBISHI	5-695	149
		01/1999	12/2002	MITSUBISHI	6-695	150
	4.0L (242) L6	01/2003	12/2004	MITSUBISHI	695	148
	4.7L	01/2001	12/2001	MITSUBISHI	5-695	149
		01/2001	12/2001	MITSUBISHI	6-695	150
	with 4 cylinders 2.5 engine	01/1986	-	BOSCH	779	049
		01/2013	-	DENSO	665	101
Grand Wagoneer	5.9L (360) V8	01/1988	12/1991	MITSUBISHI	695	148
	with 4 cylinders 2.5 engine	01/1986	-	BOSCH	779	049
J	Serie Pick-up 5.9 L (360) V8	01/1988	-	MITSUBISHI	695	148
Renegade		-	-	BOSCH	1-381	003
Scrambler	with 4 cylinders 2.5 engine	01/1987	-	BOSCH	779	049
Wagoneer	2.5L	01/1986	12/1989	BOSCH	779	049
	4.0L (242) L6	01/1987	12/1990	MITSUBISHI	695	148
	with 4 cylinders 2.5 engine	01/1986	-	BOSCH	779	049
Wrangler	2.5 L (150) L4	01/1994	12/1997	MITSUBISHI	1-695	148
	2.5L	01/1987	12/1992	BOSCH	779	049
	4.0L	01/1999	12/2002	MITSUBISHI	5-695	149
		01/1999	12/2002	MITSUBISHI	6-695	150
	4.0L (242) L6	01/2003	12/2006	MITSUBISHI	695	148
	4.2L (258) L6	01/1987	-	MITSUBISHI	5-695	149
		01/1988	12/1990	MITSUBISHI	695	148
	TJ 2.5L	01/1999	12/2002	MITSUBISHI	5-695	149
	V6 3.6L 220 CID	01/2012	-	DENSO	4-665	102
	with 4 cylinders 2.5 engine	01/1987	-	BOSCH	779	049
YJ	with 4 cylinders 2.5 engine	01/1987	-	BOSCH	779	049
JOHN DEERE		de /from	until	M.Part./Starter	ZM	Pag.
6205		-	-	BOSCH	1-653	034
6505		-	-	BOSCH	1-653	034
6510		-	-	BOSCH	1-653	034
6515		-	-	BOSCH	1-653	034
6520		-	-	BOSCH	1-653	034
6610		-	-	BOSCH	1-653	034
6615		-	-	BOSCH	1-653	034
6620		-	-	BOSCH	1-653	034
6715		-	-	BOSCH	1-653	034
6810		-	-	BOSCH	1-653	034
6820		-	-	BOSCH	1-653	034
6910		-	-	BOSCH	1-653	034
6910S		-	-	BOSCH	1-653	034

TABELA DE APLICAÇÃO
APPLICATION CHART

JOHN DEERE		de /from	until	M.Part./Starter	ZM	Pag.
6920		-	-	BOSCH	1-653	034
7320		-	-	BOSCH	1-653	034
7420		-	-	BOSCH	1-653	034
7520		-	-	BOSCH	1-653	034
7820		-	-	BOSCH	1-653	034
Backhoes	210C 4-239 diesel	01/1985	12/1991	DELCO REMY	809	088
	210LE 4045 diesel	01/1997	12/1999	DELCO REMY	809	088
	300B diesel engine	01/1984	12/1997	DELCO REMY	809	088
	300D 4039 diesel	-	-	DELCO REMY	809	088
	310B diesel dngine	01/1983	12/1985	DELCO REMY	809	088
	310C diesel engine	01/1997	12/1991	DELCO REMY	809	088
	310D 4039 diesel	01/1990	12/1991	DELCO REMY	809	088
	315C 4039 diesel	01/1987	12/1991	DELCO REMY	809	088
	315D 4039 diesel	-	-	DELCO REMY	809	088
Colheitadeira	1165 com motor 4 cilindros 3.9 litros	-	-	PRESTOLITE	1-485	176
	1175 com motor 4 cilindros 3.9 litros	-	-	PRESTOLITE	1-485	176
	1450 com motor 4 cilindros 3.9 litros	-	-	PRESTOLITE	1-485	176
Colheitadeira CHT 2500B	com motor Scania	-	-	DELCO REMY	356	067
Colheitadeira CHW 2500B	com motor Scania	-	-	DELCO REMY	356	067
Combines	9880 STS	-	-	DELCO REMY	2-356	068
		-	-	DELCO REMY	2-456	081
Cosechadora	1165 with 4 cylinders 3.9 liters engine	-	-	PRESTOLITE	1-485	176
	1175 with 4 cylinders 3.9 liters engine	-	-	PRESTOLITE	1-485	176
	1450 with 4 cylinders 3.9 liters engine	-	-	PRESTOLITE	1-485	176
Cotton	Picker 7445 359 diesel	01/1987	12/1993	DELCO REMY	809	088
Engines	4039	-	-	DELCO REMY	811	089
		-	-	DELCO REMY	812	089
	4045	-	-	DELCO REMY	811	089
		-	-	DELCO REMY	812	089
Excavator 190E 4039	with diesel engine	-	-	DELCO REMY	460	082
Excavator 200LC	with diesel engine	-	-	DELCO REMY	460	082
Excavator 490E 4045	with diesel engine	-	-	DELCO REMY	460	082
Gator	AMT 600 with KF82 engine	01/1984	-	HITACHI	584	114
	AMT 622 with FE290D engine	01/1984	-	HITACHI	584	114
	AMT 626 with FE290D engine	01/1984	-	HITACHI	584	114
Grader 670C		-	-	DELCO REMY	460	082
Grader 672C		-	-	DELCO REMY	460	082
Harvesters	6710 All	-	-	DELCO REMY	2-356	068
		-	-	DELCO REMY	2-456	081
	6750	-	-	DELCO REMY	2-356	068
		-	-	DELCO REMY	2-456	081
	6850	-	-	DELCO REMY	2-356	068
		-	-	DELCO REMY	2-456	081
JD 50 D	com motor yanmar-BTD 33T	06/1989	-	BOSCH	531	014
		06/1989	-	BOSCH	531	015
		06/1989	-	BOSCH	631	027
		-	-	BOSCH	534	015
Loader	844 955 Diesel	-	-	DELCO REMY	2-950	098
Loader 344G		-	-	DELCO REMY	460	082
Misc. Lawn Equipment	various models Kawasaki 12.5HP	-	-	DENSO	705	103
	various models Kawasaki 14HP	-	-	DENSO	705	103
Mowers - Front	F510 Kawasaki 14HP	-	-	DENSO	705	103
Mowers - Riding	GX95 Kawasaki 12.5HP	01/1993	12/1996	DENSO	705	103
	RX95 Kawasaki 12.5HP	01/1987	12/1990	DENSO	705	103
	SRX95 Kawasaki 12.5HP	01/1991	12/1994	DENSO	705	103
	SX95 Kawasaki 12.5HP	01/1987	12/1990	DENSO	705	103
Mowers - Walk	GS25 Kawasaki 12.5HP	-	-	DENSO	705	103

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APPLICATION CHART

JOHN DEERE		de /from	until	M.Part./Starter	ZM	Pag.
Mowers - Walk Behind	GS45 Kawasaki 14HP	-	-	DENSO	705	103
	HD45 Kawasaki 14HP	-	-	DENSO	705	103
	comercial models Kohler 12.5HP	-	-	DENSO	705	103
	various models Kawasaki 12.5HP	-	-	DENSO	705	103
	various models Kawasaki 14HP	-	-	DENSO	705	103
Power Units	CD3029DF Genset - Code 3014	-	-	DELCO REMY	811	089
		-	-	DELCO REMY	812	089
Tractor	5210 with 320 Engine 2.9L Diesel.	01/1995	-	VALEO	1-591	197
	5310 with 320 Engine 2.9L Diesel.	01/1995	-	VALEO	1-591	197
	5410 with 320 Engine 2.9L Diesel.	01/1995	-	VALEO	1-591	197
	6300 SLC	01/1979	12/1982	PRESTOLITE	2-801	179
	6600 SLC	-	-	PRESTOLITE	2-801	179
	7500 SLC	-	-	PRESTOLITE	2-801	179
	7500 with 6068T 6 cylinders 6.8 liters engine	-	-	PRESTOLITE	1-485	176
	8760 6-619 diesel	01/1988	12/1991	DELCO REMY	2-356	068
		01/1988	12/1991	DELCO REMY	2-456	081
	with 3325 Yanmar 4NT82 diesel	-	-	HITACHI	689	118
	with 4 cylinders engine	01/1979	12/1982	PRESTOLITE	2-801	179
	with 6 cylinders engine	-	-	PRESTOLITE	2-801	179
	with LX176 Kawasaki engine	-	-	DENSO	705	103
Trator	5210 com motor 2.9L Diesel.	01/1995	-	VALEO	1-591	197
	5310 com motor 2.9L Diesel.	01/1995	-	VALEO	1-591	197
	5410 com motor 2.9L Diesel.	01/1995	-	VALEO	1-591	197
	6300 SLC	01/1979	12/1982	PRESTOLITE	2-801	179
	6600 SLC	-	-	PRESTOLITE	2-801	179
	7500 SLC	-	-	PRESTOLITE	2-801	179
	7500 com motor 6068T 6 cilindros 6.8 litros	-	-	PRESTOLITE	1-485	176
	com motor 4 cilindros	01/1979	12/1982	PRESTOLITE	2-801	179
	com motor 6 cilindros	-	-	PRESTOLITE	2-801	179

JPX		de /from	until	M.Part./Starter	ZM	Pag.
Jeep	com motor XUD9A	-	-	VALEO	1-496	193
		-	-	VALEO	496	193
		-	-	MITSUBISHI	993	165

KAWASAKI		de /from	until	M.Part./Starter	ZM	Pag.
UTV (Utility Terrain Vehicle)	with FE290D Engine	01/1984	-	HITACHI	584	114
		-	-	DENSO	705	103
	with KF82 Engine	01/1984	-	HITACHI	584	114
		-	-	DENSO	705	103
	with FC400V Engine	-	-	DENSO	705	103
	with FC401V Engine	-	-	DENSO	705	103
	with FC420V Engine	-	-	DENSO	705	103
	with FE250D Engine	-	-	DENSO	705	103
	with FE350D Engine	-	-	DENSO	705	103
	with FE400D Engine	-	-	DENSO	705	103
	with FG300 Engine	01/1984	-	HITACHI	584	114
		-	-	DENSO	705	103
	with FZ340D Engine	01/1983	-	HITACHI	584	114
		-	-	DENSO	705	103
	with GE0500AS Engine	-	-	DENSO	705	103
	with GE4000A Engine	-	-	DENSO	705	103
	with GE4500A Engine	-	-	DENSO	705	103

KENWORTH		de /from	until	M.Part./Starter	ZM	Pag.
13.210	com motor 6 CT	12/1986	-	BOSCH	831	049
	com motor 6 CT 8.3 litros	12/1986	12/1996	BOSCH	1-831	049
	with 6 CT 8.3 liters engine	12/1986	12/1996	BOSCH	1-831	049
22.210	com motor 6 CT	12/1988	-	BOSCH	831	049
	com motor 6 CT 8.3 litros	02/1988	12/1998	BOSCH	1-831	049
	with 6 CT 8.3 liters engine	02/1988	12/1998	BOSCH	1-831	049
K 100		-	-	DELCO REMY	1-950	098

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KENWORTH		de /from	until	M.Part./Starter	ZM	Pag.
K 300	5.9 L CID	01/1994	-	DELCO REMY	3-818	091
L 700		-	-	DELCO REMY	1-950	098
T 300	com motor Cummins ISB 5.9 litros	01/2004	12/2007	DELCO REMY	818	090
	with 5.9 liters Cummins ISB engine	01/1998	-	DELCO REMY	3-818	091
		01/2004	12/2007	DELCO REMY	818	090
	with 7.2 liters Caterpillar CID engine	01/1994	-	DELCO REMY	3-818	091
	with Cummins C engine	-	-	PRESTOLITE	486	177
T 400	with Cummins C 8.3L engine	-	-	PRESTOLITE	486	177
Truck		01/1997	12/2008	MITSUBISHI	2-842	158
Truck-450	with Cummins C 8.3L engine	-	-	PRESTOLITE	486	177
Truck-C500	with Caterpillar 3306 engine	-	-	PRESTOLITE	486	177
Truck-L700	with Caterpillar 3306 engine	-	-	PRESTOLITE	486	177
W 900		-	-	DELCO REMY	1-950	098
KHD		de /from	until	M.Part./Starter	ZM	Pag.
KHD	com motor BF 4 L1011	06/1989	-	BOSCH	1-975	061
	com motor F 2 L1011	06/1989	-	BOSCH	1-975	061
	com motor F 3 L1011	06/1989	-	BOSCH	1-975	061
	com motor F 4 L1011	06/1989	-	BOSCH	1-975	061
	with BF 4 L1011 engine	06/1989	-	BOSCH	1-975	061
	with F 2 L1011 engine	06/1989	-	BOSCH	1-975	061
	with F 3 L1011 engine	06/1989	-	BOSCH	1-975	061
	with F 4 L1011 engine	06/1989	-	BOSCH	1-975	061
		-	-	BOSCH	1-973	059
KIA MOTORS		de /from	until	M.Part./Starter	ZM	Pag.
Amanti	3.8L	01/2008	-	DELCO REMY	9-860	094
		01/2008	12/2009	DELCO REMY	9-860	094
Besta	2.2L com Motor de Partida Mando	01/2007	-	MITSUBISHI	1-891	159
	2.2L with Mando Starter Motor	01/2007	-	MITSUBISHI	1-891	159
Bongo K2500	Com motor de partida Mando	01/2007	-	MITSUBISHI	1-891	159
	I	-	-	VALEO	4-491	186
		-	-	VALEO	5-491	186
	With Starter motor Mando	01/2007	-	MITSUBISHI	1-891	159
Bongo K2700	Com motor de partida Mando	01/2007	-	MITSUBISHI	1-891	159
	With Starter motor Mando	01/2007	-	MITSUBISHI	1-891	159
Borrego	4.6 L V8	01/2009	-	DELCO REMY	2-866	097
Carens		-	-	DELCO REMY	1-261	065
		01/2012	-	VALEO	2-391	183
Carnival		07/2002	-	VALEO	2-392	184
Cee'd	2.0L	01/2007	-	VALEO	392	184
		-	-	MITSUBISHI	2-995	168
Cerato		01/2011	-	DELCO REMY	1-261	065
		-	-	MITSUBISHI	2-995	168
		03/2011	-	VALEO	391	183
Forte	1.6L	03/2011	-	VALEO	391	183
	2.0 LX	03/2011	-	VALEO	391	183
	2.0L	01/2010	-	DELCO REMY	866	097
	2.4L	01/2010	-	DELCO REMY	866	097
		03/2011	-	VALEO	391	183
		01/2011	-	DELCO REMY	1-261	065
		-	-	MITSUBISHI	2-995	168
Forte Koup	2.0L	01/2010	-	DELCO REMY	866	097
	2.4L	01/2010	-	DELCO REMY	866	097
Magentis	2.4L	01/2007	-	DELCO REMY	866	097
	2.5L	01/2001	12/2006	VALEO	2-392	184
	2.7L	01/2001	12/2006	VALEO	2-392	184
		-	-	DELCO REMY	1-261	065
Optima	2.4L	01/2006	12/2009	DELCO REMY	866	097
	2.4L L4	01/2012	12/2014	VALEO	8-492	188

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KIA MOTORS		de /from	until	M.Part./Starter	ZM	Pag.
Optima	2.5L	01/2002	12/2006	VALEO	2-392	184
	2.7L	01/2002	12/2005	VALEO	2-392	184
		01/2012	-	DELCO REMY	1-261	065
Picanto		01/2004	-	VALEO	1-391	183
Pregio 2.7 D	With Mando starter motor	01/1997	-	MITSUBISHI	1-891	159
Pride	1.3L 16V with B3 engine	01/1990	-	MITSUBISHI	697	150
Rio	1.6L	-	-	VALEO	3-391	183
Rondo	2.4L	01/2007	12/2009	DELCO REMY	866	097
		01/2010	-	DELCO REMY	1-261	065
		01/2013	-	VALEO	2-391	183
Sedona	3.5L	01/2011	-	DELCO REMY	9-860	094
		01/2002	12/2005	VALEO	2-392	184
	3.8L	01/2006	12/2012	DELCO REMY	9-860	094
Sorento	2.4L L4	01/2011	12/2014	VALEO	8-492	188
	3.5L V6	01/2011	-	DELCO REMY	9-860	094
		01/2009	-	DELCO REMY	1-261	065
Soul		-	-	MITSUBISHI	2-995	168
		01/2013	-	VALEO	2-391	183
		01/2010	-	VALEO	391	183
Spectra	2.0L	01/2007	-	VALEO	392	184
Sportage	2.0L	01/2007	-	VALEO	392	184
	2.7L	01/2005	12/2009	VALEO	2-392	184
		-	-	DELCO REMY	9-860	094
		01/2011	-	DELCO REMY	1-261	065

KOMATSU		de /from	until	M.Part./Starter	ZM	Pag.
A 835	com motor Cummins 6BT 5.9	03/1990	-	BOSCH	536	016
		03/1990	-	BOSCH	636	028
		03/1990	-	BOSCH	9-636	028
D 30 E	com motor MBB OM 352	11/1978	-	BOSCH	537	016
D 50 A	com motor MBB OM 366 A	05/1975	-	BOSCH	537	016
D85E	Cummins Dsl.	-	-	DELCO REMY	2-950	098
Forklift	with 4D94E engine	-	-	HITACHI	5-981	126
GD 523 A	com motor Cummins 6BT 5.9 litros	06/1991	-	BOSCH	536	016
		06/1991	-	BOSCH	636	028
		06/1991	-	BOSCH	9-636	028
GD 523 R	com motor Cummins 6BT 5.9 litros	06/1991	-	BOSCH	536	016
		06/1991	-	BOSCH	636	028
		06/1991	-	BOSCH	9-636	028
PC 150	SE com motor Cummins 6BT 5.9	04/1993	-	BOSCH	550	019
Retro-escavadeira	PC 150 Modelo 3 com motor Cummins 6BT 5.9	04/1993	-	BOSCH	550	019
		01/1981	-	BOSCH	537	016

KUBOTA		de /from	until	M.Part./Starter	ZM	Pag.
Carriers	KC5 with ZH600B engine	-	-	DENSO	706	105
Misc. Equipment	with E60-NB1 engine	-	-	DENSO	703	103
	with E70-NB1 engine	-	-	DENSO	703	103
	with E85-NB engine	01/1980	-	DENSO	703	103
	with ZB500C-1K engine	-	-	DENSO	706	105
Tractor	B1550DT with Kubota D850-5B 17HP diesel	01/1988	12/1996	DENSO	706	105
	B1550DTEX with Kubota D850-5B 17HP diesel	01/1988	12/1996	DENSO	706	105
	B1550HSD with Kubota D850-5B 17HP diesel	01/1988	12/1997	DENSO	706	105
	B1550HSDT with Kubota D850-5B 17HP diesel	01/1988	12/1997	DENSO	706	105
	B1550HSE with Kubota D850-5B 17HP diesel	01/1988	12/1996	DENSO	706	105
	B1750DT with Kubota D950-5B 20HP diesel	01/1988	12/1996	DENSO	706	105
	B5100DT with Kubota Z500-B 12HP diesel	01/1983	12/1995	DENSO	706	105
	B5100E with Kubota Z500-B 12HP diesel	01/1977	12/1986	DENSO	706	105
	B5200DT with Kubota D750 13HP diesel	01/1983	12/1996	DENSO	706	105
	B5200E with Kubota D750 13HP diesel	01/1983	12/1995	DENSO	706	105
	B7100DT with Kubota D750-B 16HP diesel	01/1977	12/1984	DENSO	706	105

TABELA DE APLICAÇÃO
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KUBOTA		de /from	until	M.Part./Starter	ZM	Pag.
Tractor	B7100E with Kubota D750-B 16HP diesel	01/1977	12/1984	DENSO	706	105
	T1460-40 GH410V 12.5HP gasoline	-	-	DENSO	705	103
	T1460A-40 GH410V 12.5HP gasoline	-	-	DENSO	705	103
	T1460B-40 GH410V 12.5HP gasoline	-	-	DENSO	705	103
	T1560-40 GH420V 14HP gasoline	-	-	DENSO	705	103
	T1560-44 GH420V 14HP gasoline	-	-	DENSO	705	103
	T1560A-40 GH420V 14HP gasoline	-	-	DENSO	705	103
	T1560A-44 GH420V 14HP gasoline	-	-	DENSO	705	103
LADA		de /from	until	M.Part./Starter	ZM	Pag.
GAZ	cars with ZMZ 402.10 engine	-	-	KZATE	6-619	130
	cars with ZMZ 4021.10 engine	-	-	KZATE	6-619	130
	cars with ZMZ 405.10 engine	-	-	KZATE	6-619	130
	cars with ZMZ 406.10 engine	-	-	KZATE	6-619	130
Laika	1.5	02/1993	-	BOSCH	2-773	044
	1.6	02/1993	-	BOSCH	2-773	044
Niva	1.5	02/1993	12/1999	BOSCH	2-773	044
	1.6	02/1993	12/1999	BOSCH	2-773	044
Samara	1.3 (2108, 2109)	01/1986	-	ISKRA	579	128
	1.3 com motor Kat.	01/1986	12/1988	BOSCH	575	022
	1.5 (2108, 2109)	01/1986	-	ISKRA	579	128
	Fun 1.3	09/1988	09/2000	BOSCH	575	022
	Fun 1.5	09/1988	09/2000	BOSCH	575	022
UAZ	cars with 409.10 engine	-	-	KZATE	6-619	130
VAZ	111 OKA car	-	-	KZATE	5-619	130
	21043 vehicles and their modifications	-	-	KZATE	5-619	130
	21045 (diesel) cars and their modifications	-	-	KZATE	5-619	130
	21053 vehicles and their modifications	-	-	KZATE	5-619	130
	2106 vehicles and their modifications	-	-	KZATE	5-619	130
	2107 vehicles and their modifications	-	-	KZATE	5-619	130
	21083 cars and their modifications	-	-	KZATE	5-619	130
	21093 cars and their modifications	-	-	KZATE	5-619	130
	2110 and its modifications	-	-	KZATE	5-619	130
	2120 vehicles and their modifications	-	-	KZATE	5-619	130
	21213 vehicles and their modifications	-	-	KZATE	5-619	130
	21214 cars and its modifications	-	-	KZATE	5-619	130
	2123 cars and its modifications	-	-	KZATE	5-619	130
	2131 vehicles and their modifications	-	-	KZATE	5-619	130
LAMBORDINI		de /from	until	M.Part./Starter	ZM	Pag.
Tractor		-	-	BOSCH	733	040
LAMBORGHINI		de /from	until	M.Part./Starter	ZM	Pag.
100		01/1989	12/1999	BOSCH	743	042
115 Formula	with 1000.6W engine	12/1989	-	BOSCH	643	032
135 Formula	with 1000.6W engine	12/1989	-	BOSCH	643	032
1356	DT with H1106-1 engine	12/1980	12/1984	BOSCH	643	032
	with H1106-1 engine	12/1980	12/1984	BOSCH	643	032
165 Racing	with 1000.6WTI engine	05/1991	-	BOSCH	643	032
190 Racing	with 1000.6WTI engine	05/1991	-	BOSCH	643	032
345 F		07/1977	-	BOSCH	643	032
573.60 N		02/1988	-	BOSCH	643	032
574.60 N		02/1988	-	BOSCH	643	032
600		06/1987	12/1999	BOSCH	743	042
654 DT		07/1977	12/1981	BOSCH	643	032
674.70, 674.70 N, Bosso		06/1986	-	BOSCH	643	032
684 DT		01/1982	12/1985	BOSCH	643	032
754 DT		11/1976	01/1972	BOSCH	643	032
775		07/1977	-	BOSCH	643	032
874.90		07/1977	-	BOSCH	643	032

TABELA DE APLICAÇÃO
APPLICATION CHART

LAMBORGHINI		de /from	until	M.Part./Starter	ZM	Pag.
916.3 W		12/1980	12/1984	BOSCH	643	032
916.4 W		12/1980	12/1984	BOSCH	643	032
C 653		-	-	BOSCH	643	032
C 684		01/1980	-	BOSCH	643	032
C 754		01/1980	-	BOSCH	643	032
C 774		01/1980	-	BOSCH	643	032
C 784 L		01/1980	-	BOSCH	643	032
Miura P400 S		01/1969	12/1972	BOSCH	740	042
R 1056 DT		02/1977	07/1979	BOSCH	643	032
R 613 DT		11/1976	02/1988	BOSCH	643	032
R 653 F		11/1976	02/1988	BOSCH	643	032
R 684 F		11/1976	02/1988	BOSCH	643	032
R 714 DT, 2 RM		11/1976	02/1988	BOSCH	643	032
R 724 F		11/1976	02/1988	BOSCH	643	032
R 754		11/1976	02/1988	BOSCH	643	032
R1056 DT		-	-	BOSCH	643	032
R654 DT		-	-	BOSCH	643	032
R754DT		-	-	BOSCH	643	032
R854 DT		-	-	BOSCH	643	032
LANCIA		de /from	until	M.Part./Starter	ZM	Pag.
Beta	1400	-	-	MARELLI	4-651	141
	1600	-	-	MARELLI	4-651	141
	1800	-	-	MARELLI	4-651	141
Dedra	1.6i.e.	05/1998	-	MARELLI	6-395	135
	1.6i.e. 16V	05/1998	-	MARELLI	6-395	135
	1.6i.e. SPI	-	-	MARELLI	3-651	141
	1.6i.e. with 835 A1.000 engine	08/1989	06/1994	MARELLI	1-595	138
		08/1989	06/1994	MARELLI	4-595	139
	1.6i.e. with 835 A1.046 engine	08/1989	03/1993	MARELLI	1-595	138
		08/1989	03/1993	MARELLI	4-595	139
Delta	1.3	09/1979	04/1986	ISKRA	2-579	128
		09/1979	04/1986	ISKRA	3-579	128
	1.3 with 831... engine	09/1979	-	MARELLI	650	140
	1.4	09/2008	-	VALEO	8-495	193
	1.4 Bi-Fuel	07/2011	-	MARELLI	9-395	136
	1.4 Gasoline	09/2008	-	MARELLI	9-395	136
	1.6i.e.	04/1996	-	MARELLI	6-395	135
	1.6i.e. 16V	04/1996	-	MARELLI	6-395	135
	I 1.5 with 831 A 1.000 engine	09/1979	12/1992	MARELLI	1-595	138
		09/1979	12/1992	MARELLI	4-595	139
	I 1.5 with 831 B 1.000 engine	09/1979	12/1992	MARELLI	1-595	138
		09/1979	12/1992	MARELLI	4-595	139
	II 1.8i.e. 16V with 182 A 2.000 engine	03/1996	08/1999	MARELLI	2-595	139
		03/1996	08/1999	MARELLI	9-595	140
	III 1.4 Bifuel	07/2011	-	VALEO	8-495	193
		09/2008	-	HITACHI	3-710	119
Gamma	2.0 with 830.AB2A.. engine	09/1979	12/1984	MARELLI	650	140
	Berlina 2000	09/1979	12/1984	ISKRA	2-579	128
		09/1979	12/1984	ISKRA	3-579	128
Lybra	1.6 16V Cambio C513	09/1999	-	MARELLI	6-395	135
	1.9 JTD	-	-	MITSUBISHI	3-993	166
	SW	07/1999	-	BOSCH	1-381	003
	Station Wagon 1.6 16V Cambio C513	09/1999	-	MARELLI	6-395	135
		07/1999	-	BOSCH	1-381	003
Musa	1.3 Multijet com motor 188 A9.000	10/2004	-	VALEO	1-495	191
	1.3 Multijet with 188 A9.000 engine	10/2004	-	VALEO	1-495	191
	1.4	09/2005	-	VALEO	8-495	193
	1.4 LPG	11/2010	-	VALEO	8-495	193

TABELA DE APLICAÇÃO
APPLICATION CHART

LANCIA		de /from	until	M.Part./Starter	ZM	Pag.
Musa	1.6 D	-	-	MITSUBISHI	3-993	166
	1.9 Multijet com motor 188 B2.000	10/2004	-	VALEO	1-495	191
	1.9 Multijet with 188 B2.000 engine	10/2004	-	VALEO	1-495	191
		09/2005	-	HITACHI	3-710	119
		10/2004	-	BOSCH	1-381	003
		09/2005	-	MARELLI	9-395	136
Phedra	2.0 (179AXA11)	09/2002	-	MITSUBISHI	5-993	167
	2.0 (179AXC1A)	09/2002	-	MITSUBISHI	5-993	167
	2.0 JTD with RHM engine	07/2003	-	BOSCH	376	002
	2.0 JTD with RHW (DW10ATED4) engine	09/2002	-	BOSCH	376	002
	2.2 JTD with 4HW (DW10ATED4) engine	09/2002	-	BOSCH	376	002
		09/2002	-	BOSCH	4-382	007
Prisma	1.3	12/1982	12/1989	ISKRA	2-579	128
		12/1982	12/1989	ISKRA	3-579	128
	1.3 with 831.. engine	12/1982	-	MARELLI	650	140
	1.5 with 831 B1.000 engine	08/1986	02/1992	MARELLI	5-651	141
Thema	2.5 TD	11/1984	07/1994	MARELLI	6-651	142
Trevi	2.0	-	-	MARELLI	4-651	141
Y	1.1 Elefantino Blu	05/1997	-	MARELLI	6-595	139
	1.1 with 176 B2.000 engine	11/1995	-	MARELLI	3-595	139
		11/1995	-	MARELLI	7-595	140
	1.2 16V with 176 B9.000 engine	04/1997	-	MARELLI	3-595	139
		04/1997	-	MARELLI	7-595	140
	1.2 with 188 A4.000 engine	03/1996	-	MARELLI	3-595	139
		03/1996	-	MARELLI	7-595	140
	1.2 with 840 A3.000 engine	03/1996	-	MARELLI	3-595	139
		03/1996	-	MARELLI	7-595	140
	1.2i	01/1996	-	MARELLI	6-595	139
	1.2i Elefantino Blu	01/1998	-	MARELLI	6-595	139
Y10	1.0 Fire 4WD with 156 A2.246 engine	12/1987	02/1992	MARELLI	7-651	142
	1.0 Fire Cat with 156 A2.246 engine	10/1987	02/1992	MARELLI	7-651	142
	1.0 Fire with 156 A2.000 engine	03/1985	06/1989	MARELLI	7-651	142
	1.0 Fire with 156 A2.100 engine	06/1985	06/1991	MARELLI	7-651	142
	1.1 Avenue 4WD with 176 B2.000 engine	01/1995	12/1995	MARELLI	3-595	139
		01/1995	12/1995	MARELLI	7-595	140
	1.1 Avenue with 176 B2.000 engine	01/1995	12/1995	MARELLI	3-595	139
		01/1995	12/1995	MARELLI	7-595	140
	1.1i.e. 4WD with 156 C.000 engine	08/1989	06/1992	MARELLI	7-651	142
	1.1i.e. Fire	01/1993	-	MARELLI	6-595	139
	1.1i.e. Fire 4WD with 156 C.046 engine	09/1992	12/1995	MARELLI	3-595	139
		09/1992	12/1995	MARELLI	7-595	140
		09/1992	12/1995	MARELLI	7-651	142
	1.1i.e. Fire with 156 C.046 engine	07/1989	09/1995	MARELLI	3-595	139
		07/1989	09/1995	MARELLI	7-595	140
		07/1989	09/1995	MARELLI	7-651	142
	1.1i.e. with 156 C.000 engine	08/1989	06/1992	MARELLI	7-651	142
	1.3i.e. Fire with 146 A5.046 engine	02/1989	12/1995	MARELLI	3-595	139
		02/1989	12/1995	MARELLI	7-595	140
	1.3i.e. Fire with 156 B.000 engine	02/1989	12/1995	MARELLI	3-595	139
		02/1989	12/1995	MARELLI	7-595	140
Ypsilon	1.2	10/2003	-	VALEO	8-495	193
	1.3 JTD	10/2003	-	VALEO	1-495	191
	1.4	10/2003	-	VALEO	8-495	193
		10/2003	-	HITACHI	3-710	119
		10/2008	-	MARELLI	9-395	136
Zeta	2.0 16V (220AQ5)	07/2000	09/2002	MITSUBISHI	5-993	167
	2.0 JTD with RHW engine	09/1999	09/2002	BOSCH	376	002
	2.0 JTD with RHZ engine	09/1999	09/2002	BOSCH	376	002
	2.0 Turbo with RZX engine	05/1995	09/2002	BOSCH	376	002

TABELA DE APLICAÇÃO
APPLICATION CHART

LANCIA		de /from	until	M.Part./Starter	ZM	Pag.
Zeta	2.1 TD with P8C engine	05/1996	09/1999	BOSCH	376	002
		04/2000	-	BOSCH	4-382	007
LAND ROVER / ROVER GROUP		de /from	until	M.Part./Starter	ZM	Pag.
Land Rover 88/109	2.3 D	09/1963	12/1986	VALEO	1-597	200
Land Rover 90/110	2.5	09/1985	09/1990	VALEO	1-597	200
	2.5 TD	09/1986	09/1990	VALEO	1-597	200
Land Rover Defender	2.5 90 TDI with 23 L engine	09/1990	-	BOSCH	976	062
		09/1990	-	VALEO	1-597	200
	2.5 Turbo diesel com motor Gemini TCI D.I. 23L	08/1990	12/2001	BOSCH	975	061
	2.5 Turbo diesel com motor Maxion HS4TCC	08/1998	-	BOSCH	975	061
	3.5 com motor V8	01/1993	12/1998	BOSCH	1-575	023
	3.5 with V8 engine	01/1993	12/1998	BOSCH	1-575	023
	Station Wagon 2.5 90, 110 TDI with 23 L engine	09/1990	12/1998	BOSCH	976	062
		09/1990	12/1998	VALEO	1-597	200
	Station Wagon 2.5 Td5 4WD	06/1998	-	VALEO	1-597	200
Land Rover Discovery	2.5 TDi com motor 12 L	09/1989	09/1994	BOSCH	975	061
	2.5 TDi com motor 19 L	10/1993	12/1998	BOSCH	975	061
	2.5 TDi com motor 21 L	09/1989	09/1994	BOSCH	975	061
	3.9i V8 com motor V8 3.9 litros	10/1993	12/1998	BOSCH	1-575	023
	3.9i V8 with V8 3.9 liters engine	10/1993	12/1998	BOSCH	1-575	023
	4.0i com motor V8 OHV	01/1999	-	BOSCH	1-575	023
	4.0i with V8 OHV engine	01/1999	-	BOSCH	1-575	023
	I 2.5 TDI with 12 L engine	09/1989	06/1994	BOSCH	976	062
		09/1989	06/1994	VALEO	1-597	200
	I 2.5 TDI with 21 L engine	09/1989	06/1994	BOSCH	976	062
		09/1989	06/1994	VALEO	1-597	200
	II 2.5 TDI with 12 L engine	08/1996	-	VALEO	1-597	200
	II 2.5 TDI with 21 L engine	09/1996	-	VALEO	1-597	200
Land Rover Freelander	2.0 L DSL	-	-	BOSCH	9-381	005
Range Rover	I 2.5 TDi Classic com motor 14 L	10/1992	09/1994	BOSCH	975	061
	I 2.5 TDi Classic com motor 300 TDi	10/1994	04/1996	BOSCH	975	061
	I 3.5i com motor 24D / 25D	10/1985	09/1990	BOSCH	1-575	023
	I 3.5i with 24D / 25D engine	10/1985	09/1990	BOSCH	1-575	023
	I 3.9i Classic com motor 35D / 36D	09/1994	04/1996	BOSCH	1-575	023
	I 3.9i Classic with 35D / 36D engine	09/1944	04/1996	BOSCH	1-575	023
	I 3.9i com motor 37D / 38D	11/1988	08/1994	BOSCH	1-575	023
	I 3.9i with 37D / 38D engine	11/1988	08/1994	BOSCH	1-575	023
	I 4.2 Vogue LSD com motor 40D	09/1992	04/1996	BOSCH	1-575	023
	I 4.2 Vogue LSD with 40D engine	09/1992	04/1996	BOSCH	1-575	023
	II 4.0i V8 SE com motor 42D	09/1994	09/2002	BOSCH	1-575	023
	II 4.0i V8 SE with 42D engine	09/1994	09/2002	BOSCH	1-575	023
	II 4.6i V8 HSE com motor 46D	09/1994	09/2002	BOSCH	1-575	023
	II 4.6i V8 HSE with 46D engine	09/1994	09/2002	BOSCH	1-575	023
Rover 100	Metro	03/1990	12/1998	MARELLI	1-395	134
Rover 110	2.5 TD	09/1986	07/1990	BOSCH	976	062
Rover 114	1.4	03/1990	-	MARELLI	1-395	134
Rover 200 216	1.6 16V	07/1995	-	MARELLI	1-395	134
Rover 214	GSi	10/1989	03/2000	MARELLI	1-395	134
	Si	10/1989	03/2000	MARELLI	1-395	134
	i	10/1989	03/2000	MARELLI	1-395	134
Rover 216	Si	11/1995	03/2000	MARELLI	1-395	134
Rover 25	1.4	10/1999	-	MARELLI	1-395	134
	1.6 16V	10/1999	-	MARELLI	1-395	134
Rover 400 416	1.6 16V	07/1995	-	MARELLI	1-395	134
Rover 414		04/1990	03/2000	MARELLI	1-395	134
Rover 45	1.6	02/2000	-	MARELLI	1-395	134
	1.8i 16V	02/2000	-	MARELLI	1-395	134
Rover 75	1.8 L 16V	-	-	DENSO	709	107

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LAND ROVER / ROVER GROUP		de /from	until	M.Part./Starter	ZM	Pag.
Rover 800	820 16V I with 20 HD engine	10/1986	10/1998	MARELLI	7-651	142
	820 16V I with 20 T4H engine	01/1992	02/1999	MARELLI	7-651	142
	820 16V SI with 20 HD M 16 engine	10/1988	12/1991	MARELLI	7-651	142
	820 16V SI with 20 HD engine	10/1986	10/1998	MARELLI	7-651	142
	820 16V SI with 20 T4H engine	01/1992	02/1999	MARELLI	7-651	142
	820e with 20 HS engine	10/1986	10/1991	MARELLI	7-651	142
	Hatchback 820 Si with 20 HD engine	10/1988	12/1991	MARELLI	7-651	142
	Hatchback 820i with 20 HD engine	10/1988	12/1991	MARELLI	7-651	142
Rover 90	2.5 TD	09/1986	07/1990	BOSCH	976	062
LANDINI - ARGO TRACTOR		de /from	until	M.Part./Starter	ZM	Pag.
Atlantis	100 - Perkins 1004-40T	-	-	ISKRA	1-825	129
Atlas	100 - Perkins 1004	-	-	ISKRA	1-825	129
	70 - Perkins 1004	-	-	ISKRA	1-825	129
	80 - Perkins 1004	-	-	ISKRA	1-825	129
	85 - Perkins 1004	-	-	ISKRA	1-825	129
	90 - Perkins 1004	-	-	ISKRA	1-825	129
Frutteto	R. Foot-Step RT40	-	-	ISKRA	1-825	129
Ghibli	100 - Perkins 1004	-	-	ISKRA	1-825	129
	105 - Perkins 1004	-	-	ISKRA	1-825	129
	80 - Perkins 1004	-	-	ISKRA	1-825	129
	85 - Perkins 1004	-	-	ISKRA	1-825	129
	90 - Perkins 1004	-	-	ISKRA	1-825	129
	95 - Perkins 1004	-	-	ISKRA	1-825	129
GlobalFarm	105 - 1104C-44T	-	-	ISKRA	1-825	129
	95 - 1104C-44T	-	-	ISKRA	1-825	129
Globus	65 - Perkins 1004	-	-	ISKRA	1-825	129
	75 - Perkins 1004	-	-	ISKRA	1-825	129
	80 - Perkins 1004	-	-	ISKRA	1-825	129
Mythos	100- Perkins 1004-40T	-	-	ISKRA	1-825	129
	90- Perkins 1004-40T	-	-	ISKRA	1-825	129
Rex	100 - Perkins 1004	-	-	ISKRA	1-825	129
	105 - 1104C-44	-	-	ISKRA	1-825	129
	70 - Perkins 1004	-	-	ISKRA	1-825	129
	75 - 1104C-44	-	-	ISKRA	1-825	129
	80 - Perkins 1004	-	-	ISKRA	1-825	129
	85 - 1104C-44	-	-	ISKRA	1-825	129
	90 - Perkins 1004	-	-	ISKRA	1-825	129
	95 - 1104C-44	-	-	ISKRA	1-825	129
Vigneto	Cabinato - Perkins 1004	-	-	ISKRA	1-825	129
	R. Foot-Step - Perkins 1004	-	-	ISKRA	1-825	129
Vision	100 - 1104D	-	-	ISKRA	1-825	129
	105 - 1104D	-	-	ISKRA	1-825	129
	85 - 1104C	-	-	ISKRA	1-825	129
	95 - 1104C	-	-	ISKRA	1-825	129
LIFAN		de /from	until	M.Part./Starter	ZM	Pag.
X60		-	-	ESPECIAIS	1-992	212
LISTER PETTERS		de /from	until	M.Part./Starter	ZM	Pag.
Tractor JA6		-	-	PRESTOLITE	486	177
Tractor JAS6 Series		-	-	PRESTOLITE	486	177
Tractors HL4 Series		01/1986	12/1988	DELCO REMY	450	078
Tractors HL6 Series		01/1986	12/1988	DELCO REMY	450	078
Tractors ST1 Series		01/1986	12/1988	DELCO REMY	459	082
Tractors ST2 Series		01/1986	12/1988	DELCO REMY	459	082
Tractors ST3 Series		01/1986	12/1988	DELCO REMY	459	082
Tractors TL2 Series		01/1986	12/1988	DELCO REMY	459	082
Tractors TL3 Series		01/1986	12/1988	DELCO REMY	459	082
Tractors TS1 Series		01/1986	12/1988	DELCO REMY	459	082
Tractors TS2 Series		01/1986	12/1988	DELCO REMY	459	082

TABELA DE APLICAÇÃO
APPLICATION CHART

LISTER PETTERS		de /from	until	M.Part./Starter	ZM	Pag.
Tractors TS3 Series		01/1986	12/1988	DELCO REMY	459	082
Tractors TX2		-	-	DELCO REMY	811	089
		-	-	DELCO REMY	812	089
Tractors TX3		-	-	DELCO REMY	811	089
		-	-	DELCO REMY	812	089
LOMBARDINI		de /from	until	M.Part./Starter	ZM	Pag.
Lombardini Diesel		-	-	VALEO	492	186
MACK		de /from	until	M.Part./Starter	ZM	Pag.
CH Series		01/2001	12/2007	MITSUBISHI	2-842	158
CL Series		01/1998	12/2007	MITSUBISHI	2-842	158
CM Series	with Cummins C 8.3L engine	-	-	PRESTOLITE	486	177
		-	-	DELCO REMY	1-950	098
CT Series		01/2006	12/2007	MITSUBISHI	2-842	158
CTP Series		01/2006	12/2007	MITSUBISHI	2-842	158
CV Series		01/2001	12/2007	MITSUBISHI	2-842	158
CX Series		01/2004	12/2005	MITSUBISHI	2-842	158
CX Series (Vision)	with E7, Mack diesel engine	01/2004	12/2005	MITSUBISHI	2-842	158
	with Mack Engs, Mack diesel engine	01/2000	12/2003	MITSUBISHI	2-842	158
DM		01/1998	12/2007	MITSUBISHI	2-842	158
		-	-	DELCO REMY	1-950	098
DM Series	with E7, Mack diesel engine	01/2000	12/2007	MITSUBISHI	2-842	158
	with EM7, Mack diesel engine	01/2000	12/2002	MITSUBISHI	2-842	158
	with Mack Engs, Mack diesel engine	01/2000	12/2003	MITSUBISHI	2-842	158
DMM Series		01/1998	12/2007	MITSUBISHI	2-842	158
FCM Series		01/2000	12/2003	MITSUBISHI	2-842	158
FDM Series		-	-	DELCO REMY	1-950	098
Granite Series		01/2001	12/2007	MITSUBISHI	2-842	158
Heavy-Duty Trucks		-	-	DELCO REMY	841	092
LE Models		01/1998	12/2003	MITSUBISHI	2-842	158
LE Series	with E7, Mack diesel engine	01/2000	12/2002	MITSUBISHI	2-842	158
	with E7G, Mack diesel engine	01/2000	12/2002	MITSUBISHI	2-842	158
MR Series		01/1998	12/2007	MITSUBISHI	2-842	158
R Models		01/1998	12/2003	MITSUBISHI	2-842	158
RB Models		01/1998	12/2007	MITSUBISHI	2-842	158
RB Series	with E7, Mack diesel engine	01/2004	12/2007	MITSUBISHI	2-842	158
	with Mack Engs, Mack diesel engine	01/2000	12/2003	MITSUBISHI	2-842	158
RD Models		01/1998	12/2007	MITSUBISHI	2-842	158
RD Series	with E7, Mack diesel engine	01/2004	12/2007	MITSUBISHI	2-842	158
	with Mack Engs, Mack diesel engine	01/2000	12/2003	MITSUBISHI	2-842	158
RL Models		01/1998	12/2003	MITSUBISHI	2-842	158
RM		-	-	DELCO REMY	1-950	098
RM Models		01/1998	12/2003	MITSUBISHI	2-842	158
RS Models		01/1998	12/2003	MITSUBISHI	2-842	158
RW Models		01/1998	-	MITSUBISHI	2-842	158
MAHINDRA		de /from	until	M.Part./Starter	ZM	Pag.
M4530	4WD	-	-	BOSCH	3-631	027
M7030	4WD	-	-	BOSCH	3-631	027
M8000	4WD	-	-	BOSCH	3-631	027
MARCOPOLO		de /from	until	M.Part./Starter	ZM	Pag.
Volare	com motor 4.07 TCA	10/1998	-	BOSCH	3-972	058
MASERATI		de /from	until	M.Part./Starter	ZM	Pag.
Ghibli	4.7	01/1967	12/1973	BOSCH	741	042
	Spider 4.7	06/1968	12/1973	BOSCH	741	042
Indy	4.7	01/1972	12/1974	BOSCH	741	042
	4.9	01/1972	12/1974	BOSCH	741	042
Mexico	4.7	01/1967	12/1972	BOSCH	741	042
MASSEY FERGUSON		de /from	until	M.Part./Starter	ZM	Pag.

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MASSEY FERGUSON		de /from	until	M.Part./Starter	ZM	Pag.
Agco	Dicumar 6BT-F700	-	-	DELCO REMY	805	087
Apiladora	Maxion 3000 with 4000 4.1 liters Perkins engine	-	-	PRESTOLITE	2-485	176
Colheitadeira	MF 34 com motor Cummins 6CT	-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
	MF 34 com motor Cummins 6CTA	-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
	MF 34 com motor Cummins 6CTAA 8.3 litros	-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
	MF 3640 com motor Perkins 1006 - 6 6.0 litros	-	-	PRESTOLITE	1-485	176
	MF 38 com motor Cummins 6CT	-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
	MF 38 com motor Cummins 6CTA	-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
	MF 38 com motor Cummins 6CTAA 8.3 litros	-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
	MF 5650 com motor Perkins 1006 - 6 6.0 litros	-	-	PRESTOLITE	1-485	176
	MF 86HS com motor Perkins 4.236 4.0 litros	-	-	PRESTOLITE	2-485	176
	MF 96 com motor Perkins 4000 4.1 litros	-	-	PRESTOLITE	2-485	176
Colheitadeira 220		-	-	WAPSA	501	201
		-	-	WAPSA	506	202
Combines	MF-550 Perkins A6-354 diesel	01/1986	12/1991	DELCO REMY	2-352	066
		01/1986	12/1991	DELCO REMY	2-452	079
	MF-850 Perkins AT6-354	01/1986	12/1989	DELCO REMY	2-352	066
		01/1986	12/1989	DELCO REMY	2-452	079
	MF-855 Perkins AT6-354	01/1986	12/1989	DELCO REMY	2-352	066
		01/1986	12/1989	DELCO REMY	2-452	079
	MF-860 Perkins AT6-354	01/1986	12/1989	DELCO REMY	2-352	066
		01/1986	12/1989	DELCO REMY	2-452	079
	MF-865 Perkins AT6-354	01/1986	12/1989	DELCO REMY	2-352	066
		01/1986	12/1989	DELCO REMY	2-452	079
Cosechadora	MF 3640 with 1006 - 6 6.0 liters Perkins engine	-	-	PRESTOLITE	1-485	176
	MF 5650 with 1006 - 6 6.0 liters Perkins engine	-	-	PRESTOLITE	1-485	176
	MF 86HS with 4.236 4.0 liters Perkins engine	-	-	PRESTOLITE	2-485	176
	MF 96 with 4000 4.1 liters Perkins engine	-	-	PRESTOLITE	2-485	176
Empilhadeira	Maxion 3000 com motor Perkins 4000 4.1 litros	-	-	PRESTOLITE	2-485	176
MF 102		01/1972	-	LUCAS	1-610	131
MF 105		01/1977	-	LUCAS	1-610	131
MF 11		01/1977	-	LUCAS	1-610	131
MF 1100		01/1977	-	LUCAS	1-610	131
MF 1104		01/1977	-	LUCAS	1-610	131
MF 12500		01/1977	-	LUCAS	1-610	131
MF 14		01/1977	-	LUCAS	1-610	131
MF 1630	com motor A 6.354-4	12/1986	-	BOSCH	531	014
		12/1986	-	BOSCH	531	015
		12/1986	-	BOSCH	631	027
	com motor A.4248	01/1981	-	BOSCH	531	014
		01/1981	-	BOSCH	531	015
		01/1981	-	BOSCH	631	027
MF 186		01/1969	01/1971	LUCAS	1-610	131
MF 201		01/1972	01/1977	LUCAS	1-610	131
MF 206		01/1973	-	LUCAS	1-610	131
MF 235	com motor 3.152 A	04/1976	-	BOSCH	531	014
		04/1976	-	BOSCH	531	015

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MASSEY FERGUSON		de /from	until	M.Part./Starter	ZM	Pag.
MF 235	com motor 3.152 A	04/1976	-	BOSCH	631	027
	com motor Perkins A 3.152	-	12/1986	BOSCH	534	015
MF 265	com motor D 4.203 A	04/1976	-	BOSCH	531	014
		04/1976	-	BOSCH	531	015
		04/1976	-	BOSCH	631	027
		01/1981	12/1982	LUCAS	1-610	131
MF 265/4	com motor D 4.203 A	06/1987	-	BOSCH	531	014
		06/1987	-	BOSCH	531	015
		06/1987	-	BOSCH	631	027
MF 275	com motor 4.236 A	04/1976	-	BOSCH	531	014
		04/1976	-	BOSCH	531	015
		04/1976	-	BOSCH	631	027
		01/1981	12/1982	LUCAS	1-610	131
MF 275/4	com motor 4.236 A	04/1976	-	BOSCH	531	014
		04/1976	-	BOSCH	531	015
		04/1976	-	BOSCH	631	027
MF 283	com motor A 4.248	01/1980	-	BOSCH	531	014
		01/1980	-	BOSCH	531	015
		01/1980	-	BOSCH	631	027
MF 290	com motor 4.248 A	04/1976	-	BOSCH	531	014
		04/1976	-	BOSCH	531	015
		04/1976	-	BOSCH	631	027
		-	-	ISKRA	1-825	129
MF 290/4	com motor 4.248 A	04/1976	-	BOSCH	531	014
		04/1976	-	BOSCH	531	015
		04/1976	-	BOSCH	631	027
MF 292	Turbo com motor T 4.236 A	01/1984	-	BOSCH	531	014
		01/1984	-	BOSCH	531	015
		01/1984	-	BOSCH	631	027
MF 292/4	Turbo com motor T 4.236 A	01/1984	-	BOSCH	531	014
		01/1984	-	BOSCH	531	015
		01/1984	-	BOSCH	631	027
MF 295	com motor Perkins 6.358 A	11/1983	-	BOSCH	531	014
		11/1983	-	BOSCH	531	015
		11/1983	-	BOSCH	631	027
MF 295/4	com motor Perkins 6.358 A	04/1976	-	BOSCH	531	014
		04/1976	-	BOSCH	531	015
		04/1976	-	BOSCH	631	027
MF 296	com motor Perkins 6.354-4 A	01/1984	-	BOSCH	531	014
		01/1984	-	BOSCH	531	015
		01/1984	-	BOSCH	631	027
MF 296/4	com motor Perkins 6.354-4 A	01/1984	-	BOSCH	531	014
		01/1984	-	BOSCH	531	015
		01/1984	-	BOSCH	631	027
MF 298		01/1983	-	LUCAS	1-610	131
MF 307		01/1973	-	LUCAS	1-610	131
MF 30D		01/1982	-	LUCAS	1-610	131
MF 32		-	-	ISKRA	826	129
MF 34		-	-	ISKRA	826	129
MF 3640	com motor 6358 A	01/1973	-	BOSCH	531	014
		01/1973	-	BOSCH	531	015
		01/1973	-	BOSCH	631	027
	com motor Perkins 1006-6	05/1996	-	BOSCH	531	014
		05/1996	-	BOSCH	531	015
		05/1996	-	BOSCH	631	027
MF 390T		01/1992	01/1996	LUCAS	1-610	131
MF 399		01/1987	01/1996	LUCAS	1-610	131
MF 4292		-	-	ISKRA	826	129
MF 4297		-	-	ISKRA	826	129

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MF 4299		-	-	ISKRA	826	129
MF 460 XTRA		-	-	ISKRA	826	129
MF 470 XTRA		-	-	ISKRA	826	129
MF 480 XTRA		-	-	ISKRA	826	129
MF 487		01/1969	01/1973	LUCAS	1-610	131
MF 506		01/1975	-	LUCAS	1-610	131
MF 50B		01/1976	01/1986	LUCAS	1-610	131
MF 50D		01/1976	01/1986	LUCAS	1-610	131
MF 510		01/1969	-	LUCAS	1-610	131
MF 520		01/1969	-	LUCAS	1-610	131
MF 525		01/1969	-	LUCAS	1-610	131
MF 5650	Turbo com motor AT 6.354-4	03/1988	-	BOSCH	531	014
		03/1988	-	BOSCH	531	015
		03/1988	-	BOSCH	631	027
	com motor A 6.354-4	01/1982	-	BOSCH	531	014
		01/1982	-	BOSCH	531	015
		01/1982	-	BOSCH	631	027
	com motor Perkins 1006-6T	05/1996	-	BOSCH	531	014
		05/1996	-	BOSCH	531	015
		05/1996	-	BOSCH	631	027
		-	-	ISKRA	826	129
MF 595		01/1976	01/1982	LUCAS	1-610	131
MF 620		01/1970	01/1982	LUCAS	1-610	131
MF 625		01/1970	01/1982	LUCAS	1-610	131
MF 675		01/1982	01/1986	LUCAS	1-610	131
MF 6845	com motor Perkins 1006-6T	12/1994	-	BOSCH	531	014
		12/1994	-	BOSCH	531	015
		12/1994	-	BOSCH	631	027
MF 6855	com motor Perkins 1006-6TW	10/1993	-	BOSCH	531	014
		10/1993	-	BOSCH	531	015
		10/1993	-	BOSCH	631	027
MF 6865	com motor Perkins 1006-6T	09/1994	-	BOSCH	531	014
		09/1994	-	BOSCH	531	015
		09/1994	-	BOSCH	631	027
MF 690		01/1982	01/1986	LUCAS	1-610	131
MF 8560	with Perkins ATG-360 engine	-	-	PRESTOLITE	486	177
MF 8590		-	-	PRESTOLITE	486	177
MF 860	with Perkins AV8-540 engine	-	-	PRESTOLITE	486	177
MF 865	with Perkins AV8-540 engine	-	-	PRESTOLITE	486	177
MF 9500		01/1973	-	LUCAS	1-610	131
MF 9720	with Detroit Diesel 8-640 engine	-	-	PRESTOLITE	486	177
Perkins Motor Industrial		-	-	WAPSA	501	201
		-	-	WAPSA	506	202
Tractor	Industrial MF 60E with Perkins diesel engine	01/1989	12/1991	DELCO REMY	805	087
	MF 1010 with Toyosha diesel engine	01/1982	12/1994	HITACHI	1-784	124
		01/1982	12/1994	HITACHI	581	114
		01/1982	12/1994	HITACHI	680	115
		01/1982	12/1994	HITACHI	682	116
		01/1982	12/1994	HITACHI	685	117
		01/1982	12/1994	HITACHI	784	124
	MF 1020 with Toyosha diesel engine	01/1982	12/1994	HITACHI	1-784	124
		01/1982	12/1994	HITACHI	581	114
		01/1982	12/1994	HITACHI	680	115
		01/1982	12/1994	HITACHI	682	116
		01/1982	12/1994	HITACHI	685	117
		01/1982	12/1994	HITACHI	784	124
	MF 1030 with Toyosha 3 -87 diesel engine	01/1984	12/1991	HITACHI	1-784	124
		01/1984	12/1991	HITACHI	581	114

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MASSEY FERGUSON		de /from	until	M.Part./Starter	ZM	Pag.
Tractor	MF 1030 with Toyosha 3 -87 diesel engine	01/1984	12/1991	HITACHI	680	115
		01/1984	12/1991	HITACHI	682	116
		01/1984	12/1991	HITACHI	685	117
		01/1984	12/1991	HITACHI	784	124
	MF 1035 with Toyosha 3 -92 diesel engine	01/1986	12/1991	HITACHI	1-784	124
		01/1986	12/1991	HITACHI	581	114
		01/1986	12/1991	HITACHI	680	115
		01/1986	12/1991	HITACHI	682	116
		01/1986	12/1991	HITACHI	685	117
		01/1986	12/1991	HITACHI	784	124
	MF 205 Toyosha 2-77 diesel	01/1979	12/1984	HITACHI	682	116
		01/1979	12/1984	HITACHI	685	117
	MF 216GTX with Kohler engine	01/1991	12/1994	DENSO	705	103
	MF 218GTX with Kohler engine	01/1991	12/1994	DENSO	705	103
	MF 250X with 2.5 liters AD 3.152 Perkins engine	-	-	PRESTOLITE	2-485	176
	MF 265 with 3.9 liters A 4.236 Perkins engine	-	-	PRESTOLITE	2-485	176
	MF 275 with 4.1 liters P4000 Perkins engine	-	-	PRESTOLITE	2-485	176
	MF 283 with 4.1 liters P4000 Perkins engine	-	-	PRESTOLITE	2-485	176
	MF 290 with 4.1 liters P4000 Perkins engine	-	-	PRESTOLITE	2-485	176
	MF 292 with 4.1 liters P4000 Perkins engine	-	-	PRESTOLITE	2-485	176
	MF 297 with 6.0 liters 1000 series Perkins engine	-	-	PRESTOLITE	1-485	176
	MF 299 with 6.0 liters 1000 T series Perkins engine	-	-	PRESTOLITE	1-485	176
	MF 5285 with 4.1 liters 4.41 series Perkins engine	-	-	PRESTOLITE	2-485	176
	MF 52902 with 4.1 liters 4.41 series Perkins engine	-	-	PRESTOLITE	2-485	176
	MF 5300 with 4.0 liters 1004 4T Perkins engine	-	-	PRESTOLITE	2-485	176
	MF 5310 with 4.0 liters 1004 4T Perkins engine	-	-	PRESTOLITE	2-485	176
	MF 5320 with 6.0 liters 1006.6T Perkins engine	-	-	PRESTOLITE	1-485	176
	MF 640 with 6.0 liters 1006.6T Perkins engine	-	-	PRESTOLITE	1-485	176
	MF 650 with 6.0 liters 1006.6T Perkins engine	-	-	PRESTOLITE	1-485	176
	MF 660 with 6.0 liters 1006.6T Perkins engine	-	-	PRESTOLITE	1-485	176
	MF 680 with 6.0 liters 1006.6T Perkins engine	-	-	PRESTOLITE	1-485	176
	with 3.152 Perkins engine	-	-	PRESTOLITE	2-485	176
	with 4.203 Perkins engine	-	-	PRESTOLITE	2-485	176
	with 4.236 Perkins engine	-	-	PRESTOLITE	2-485	176
	with 6.305 Perkins engine	-	-	PRESTOLITE	2-485	176
	with 6.354 Perkins engine	-	-	PRESTOLITE	2-485	176
		-	-	DELCO REMY	551	085
Trator	235	11/1971	-	WAPSA	501	201
	2360 com motor Cummins	-	-	DELCO REMY	365	070
	250	11/1971	-	WAPSA	501	201
	265	11/1971	-	WAPSA	501	201
	275	-	-	WAPSA	501	201
		-	-	WAPSA	506	202
	285	-	-	WAPSA	501	201
		-	-	WAPSA	506	202
	290	-	-	WAPSA	501	201
		-	-	WAPSA	506	202
	50 X	11/1971	-	WAPSA	501	201
		-	12/1970	WAPSA	504	202
	55 X	11/1971	-	WAPSA	501	201
		-	12/1970	WAPSA	504	202
	65 R	11/1971	-	WAPSA	501	201
		-	12/1970	WAPSA	504	202
	65 X	11/1971	-	WAPSA	501	201
		-	12/1970	WAPSA	504	202
	85 X	-	-	WAPSA	501	201
		-	-	WAPSA	506	202
	95 I com motor estacionário Perkins 6 cilindros	-	-	WAPSA	501	201
		-	-	WAPSA	506	202
	95 X com motor estacionário Perkins 6 cilindros	-	-	WAPSA	501	201

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MASSEY FERGUSON		de /from	until	M.Part./Starter	ZM	Pag.
Trator	95 X com motor estacionário Perkins 6 cilindros	-	-	WAPSA	506	202
	MF 250X com motor Perkins AD 3.152 2.5 litros	-	-	PRESTOLITE	2-485	176
	MF 265 com motor Perkins A 4.236 3.9 litros	-	-	PRESTOLITE	2-485	176
	MF 275 com motor Perkins 4000 4.1 litros	-	-	PRESTOLITE	2-485	176
	MF 283 com motor Perkins 4000 4.1 litros	-	-	PRESTOLITE	2-485	176
	MF 290 com motor Perkins 4000 4.1 litros	-	-	PRESTOLITE	2-485	176
	MF 290 com motor a álcool	-	-	WAPSA	503	201
	MF 292 com motor Perkins 4000 4.1 litros	-	-	PRESTOLITE	2-485	176
	MF 295 com motor Perkins 6-354 6 cilindros	-	-	WAPSA	519	206
	MF 296 com motor a álcool	-	-	WAPSA	503	201
	MF 297 com motor Perkins Série 1000 6.0 litros	-	-	PRESTOLITE	1-485	176
	MF 299 com motor Perkins Série 1000 T 6.0 litros	-	-	PRESTOLITE	1-485	176
	MF 3366	-	-	WAPSA	501	201
	MF 400	-	-	WAPSA	501	201
	MF 5275 com motor Perkins série 4.41 4.1 litros	-	-	PRESTOLITE	2-485	176
	MF 5285 com motor Perkins série 4.41 4.1 litros	-	-	PRESTOLITE	2-485	176
	MF 5300 com motor Perkins 1004 4T 4.0 litros	-	-	PRESTOLITE	2-485	176
	MF 5310 com motor Perkins 1004 4T 4.0 litros	-	-	PRESTOLITE	2-485	176
	MF 5320 com motor Perkins 1006.6T 6.0 litros	-	-	PRESTOLITE	1-485	176
	MF 640 com motor Perkins 1006.6T 6.0 litros	-	-	PRESTOLITE	1-485	176
	MF 650 com motor Perkins 1006.6T 6.0 litros	-	-	PRESTOLITE	1-485	176
	MF 660 com motor Perkins 1006.6T 6.0 litros	-	-	PRESTOLITE	1-485	176
	MF 680 com motor Perkins 1006.6T 6.0 litros	-	-	PRESTOLITE	1-485	176
	com motor Perkins 3.152	-	-	PRESTOLITE	2-485	176
	com motor Perkins 4.203	-	-	PRESTOLITE	2-485	176
	com motor Perkins 4.236	-	-	PRESTOLITE	2-485	176
	com motor Perkins 6.305	-	-	PRESTOLITE	2-485	176
	com motor Perkins 6.354	-	-	PRESTOLITE	2-485	176
		-	-	DELCO REMY	551	085

MAXION		de /from	until	M.Part./Starter	ZM	Pag.
9110	com motor A 6.354-4	08/1989	-	BOSCH	531	014
		08/1989	-	BOSCH	531	015
		08/1989	-	BOSCH	631	027
9130	com motor AT 6.354-4	08/1989	-	BOSCH	531	014
		08/1989	-	BOSCH	531	015
		08/1989	-	BOSCH	631	027
9150	com motor AT 6.354-4	08/1989	-	BOSCH	531	014
		08/1989	-	BOSCH	531	015
		08/1989	-	BOSCH	631	027
9170	com motor AT 6.354-4	08/1989	-	BOSCH	531	014
		08/1989	-	BOSCH	531	015
		08/1989	-	BOSCH	631	027
Ideal 9070	com motor A 6.354-4	08/1992	-	BOSCH	531	014
		08/1992	-	BOSCH	531	015
		08/1992	-	BOSCH	631	027
Ideal 9075	com motor A 6.354-4	10/1990	-	BOSCH	531	014
		10/1990	-	BOSCH	531	015
		10/1990	-	BOSCH	631	027
	com motor Perkins 1006-6	09/1993	-	BOSCH	531	014
		09/1993	-	BOSCH	531	015
		09/1993	-	BOSCH	631	027
Ideal 9090	com motor Perkins 1006-6T	10/1993	-	BOSCH	531	014
		10/1993	-	BOSCH	531	015
		10/1993	-	BOSCH	631	027
	com motor Perkins 1006-6TW	12/1994	-	BOSCH	531	014
		12/1994	-	BOSCH	531	015
		12/1994	-	BOSCH	631	027

MAYBACH		de /from	until	M.Part./Starter	ZM	Pag.
57	5.5	09/2002	-	BOSCH	5-973	060

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MAYBACH		de /from	until	M.Part./Starter	ZM	Pag.
57	S 6.0	09/2005	-	BOSCH	5-973	060
62	5.5	07/2002	-	BOSCH	5-973	060
	S 6.0	09/2005	-	BOSCH	5-973	060
MAZDA		de /from	until	M.Part./Starter	ZM	Pag.
121	1.3i	-	-	MARELLI	395	134
	I 1.1 with B1, B116 engine	10/1987	10/1990	MITSUBISHI	697	150
	I 1.3 with B3 engine	10/1987	10/1990	MITSUBISHI	697	150
	II 1.3 16V with B3 (16V) engine	11/1990	03/1996	MITSUBISHI	1-691	147
		11/1990	03/1996	MITSUBISHI	697	150
	III 1.2	03/1996	-	MITSUBISHI	697	150
	III 1.25 with DHF engine	03/1996	-	MARELLI	395	134
	III 1.25 with DHG engine	03/1996	-	MARELLI	395	134
	III 1.3	03/1996	-	MARELLI	395	134
		03/1996	-	MITSUBISHI	697	150
		-	-	BOSCH	675	036
323	C IV 1.7 D	08/1989	07/1994	MITSUBISHI	697	150
	I 1.3 with T, TC engine	01/1977	05/1980	MITSUBISHI	693	148
	II 1.1 with E1 engine	01/1980	10/1985	MITSUBISHI	693	148
	II 1.5	01/1980	12/1983	MITSUBISHI	693	148
	II 1.5 Lim with E5, E5 OHC engine	05/1981	06/1984	MITSUBISHI	693	148
	III Station Wagon 1.7 D with PN26 engine	10/1989	03/1993	MITSUBISHI	697	150
	S IV 1.7 D with PN46, PN62 engine	09/1989	07/1994	MITSUBISHI	697	150
	S V 1.6 TD with 4EE1-T engine	02/1995	09/1998	MITSUBISHI	697	150
324	I 1.4 with UC engine	05/1978	08/1982	MITSUBISHI	693	148
325	I 1.5 with D5 engine	04/1982	05/1986	MITSUBISHI	693	148
626	2.0 L Diesel engine	-	-	MITSUBISHI	699	152
		01/1983	12/1985	MITSUBISHI	893	160
	II 2.2	11/1987	07/1991	MITSUBISHI	697	150
	IV 2.5 24V with KL engine	01/1992	04/1997	MITSUBISHI	690	147
929	III 3.0 with JE engine	06/1987	06/1991	MITSUBISHI	697	150
B 2200	2.0 L Diesel engine	-	-	MITSUBISHI	699	152
	Pick-up with S2 diesel engine	01/1982	12/1984	MITSUBISHI	891	159
B 2500		09/1998	-	FORD	769	111
B series	Pick-up 2.2 L diesel	01/1982	12/1983	MITSUBISHI	891	159
	Pick-up 2.3 L	01/2001	12/2006	FORD	1-761	110
		01/2001	12/2006	FORD	761	109
		01/2001	12/2006	FORD	8-761	110
		-	-	FORD	769	111
BT-50		12/2006	-	FORD	769	111
E 2200	2.0 L Diesel engine	-	-	MITSUBISHI	699	152
Luce		01/1990	12/1996	MITSUBISHI	6-698	151
MPV	2.5 L D-TD	05/1996	-	FORD	769	111
MX-3	1.6 16v dohc	-	-	DENSO	706	105
	1.8 L	01/1994	12/1996	MITSUBISHI	694	148
Parkway		-	-	MITSUBISHI	898	163
Savana	RX-7	01/1990	12/1992	MITSUBISHI	6-698	151
Titan	2500	-	-	MITSUBISHI	898	163
	3000	-	-	MITSUBISHI	898	163
	3700	-	-	MITSUBISHI	898	163
	4100	-	-	MITSUBISHI	898	163
Xedos 6	2.0 V6 with KF1 engine	01/1992	-	MITSUBISHI	690	147
MCCORMICK - ARGO TRACTOR		de /from	until	M.Part./Starter	ZM	Pag.
80	V - 1104D	-	-	ISKRA	1-825	129
90	V - 1104D	-	-	ISKRA	1-825	129
B-Max	90 - 1104A	-	-	ISKRA	1-825	129
C-Max	100 - 1104D	-	-	ISKRA	1-825	129
	105 - 1104D	-	-	ISKRA	1-825	129
	80 - 1104D	-	-	ISKRA	1-825	129

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MCCORMICK - ARGO TRACTOR		de /from	until	M.Part./Starter	ZM	Pag.
C-Max	90 - 1104D	-	-	ISKRA	1-825	129
C-Serie	1103D	-	-	ISKRA	1-825	129
	1104D	-	-	ISKRA	1-825	129
CX	100 - 1104D	-	-	ISKRA	1-825	129
	110 - 1104D	-	-	ISKRA	1-825	129
	90 - 1104D	-	-	ISKRA	1-825	129
F		-	-	ISKRA	1-825	129
T-Max	100 - 1104D	-	-	ISKRA	1-825	129
	110 - 1104D	-	-	ISKRA	1-825	129
	80 - 1104D	-	-	ISKRA	1-825	129
	90 - 1104D	-	-	ISKRA	1-825	129
TELE-TRAC		-	-	ISKRA	826	129
MERCEDES-BENZ		de /from	until	M.Part./Starter	ZM	Pag.
1017	A	08/1979	03/1987	BOSCH	645	033
		08/1979	03/1987	BOSCH	645	033
1114		03/1984	03/1987	BOSCH	645	033
1117		03/1984	03/1987	BOSCH	645	033
1120		03/1984	03/1987	BOSCH	645	033
1214	C com motor OM 364 LA	06/1997	-	BOSCH	531	014
		06/1997	-	BOSCH	531	015
		06/1997	-	BOSCH	631	027
		06/1997	-	BOSCH	3-571	021
	C with OM 364 LA engine	06/1997	-	BOSCH	3-571	021
1215	C com motor 904 LA	05/1999	-	BOSCH	1-639	029
		05/1999	-	DELCO REMY	5-409	076
	com motor OM 904 eletrônico 24V	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	815	089
	com motor OM 906 eletrônico 24V	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	815	089
	com motor OM 924 eletrônico 24V	-	-	DELCO REMY	2-818	091
	com motor OM 926 eletrônico 24V	-	-	DELCO REMY	2-818	091
	com motor eletrônico 24V	-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	with 24V electronic OM 904 engine	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091
	with 24V electronic OM 906 engine	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091
	with 24V electronic OM 924 engine	-	-	DELCO REMY	2-818	091
	with 24V electronic OM 926 engine	-	-	DELCO REMY	2-818	091
	with 24V electronic engine	-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
1218	EL com motor OM 904 eletrônico 24V	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
		-	-	DELCO REMY	815	089
	EL com motor OM 906 eletrônico 24V	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
		-	-	DELCO REMY	815	089
	EL com motor OM 924 eletrônico 24V	-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	EL com motor OM 926 eletrônico 24V	-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075

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MERCEDES-BENZ		de /from	until	M.Part./Starter	ZM	Pag.
1218	EL with 24V electronic OM 904 engine	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	EL with 24V electronic OM 906 engine	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	EL with 24V electronic OM 924 engine	-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	EL with 24V electronic OM 926 engine	-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	L com motor OM 904 eletrônico 24V	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
		-	-	DELCO REMY	815	089
	L com motor OM 906 eletrônico 24V	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
		-	-	DELCO REMY	815	089
	L com motor OM 924 eletrônico 24V	-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	L com motor OM 926 eletrônico 24V	-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	L with 24V electronic OM 904 engine	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	L with 24V electronic OM 906 engine	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	L with 24V electronic OM 924 engine	-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	L with 24V electronic OM 926 engine	-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
123 Series	250	-	-	BOSCH	772	043
	250T	-	-	BOSCH	772	043
129 series	SL 280	06/1998	08/2001	BOSCH	5-973	060
	SL 320	06/1998	08/2001	BOSCH	5-973	060
	SL 500	06/1998	08/2001	BOSCH	5-973	060
1314		07/1984	03/1987	BOSCH	645	033
1317		07/1984	03/1987	BOSCH	645	033
1320		07/1984	03/1987	BOSCH	645	033
1414		04/1984	03/1987	BOSCH	645	033
1417	C	04/1984	03/1987	BOSCH	645	033
1418	EL com motor OM 904 eletrônico 24V	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
		-	-	DELCO REMY	815	089
	EL com motor OM 906 eletrônico 24V	-	-	DELCO REMY	2-409	075

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MERCEDES-BENZ		de /from	until	M.Part./Starter	ZM	Pag.
1418	EL com motor OM 906 eletrônico 24V	-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
		-	-	DELCO REMY	815	089
	EL com motor OM 924 eletrônico 24V	-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	EL com motor OM 926 eletrônico 24V	-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	EL with 24V electronic OM 904 engine	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	EL with 24V electronic OM 906 engine	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	EL with 24V electronic OM 924 engine	-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	EL with 24V electronic OM 926 engine	-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	L com motor OM 904 eletrônico 24V	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
		-	-	DELCO REMY	815	089
	L com motor OM 906 eletrônico 24V	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
		-	-	DELCO REMY	815	089
	L com motor OM 924 eletrônico 24V	-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	L com motor OM 926 eletrônico 24V	-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	L with 24V electronic OM 904 engine	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	L with 24V electronic OM 906 engine	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	L with 24V electronic OM 924 engine	-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	L with 24V electronic OM 926 engine	-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	R com motor OM 364 12V	-	-	DELCO REMY	2-407	071
		-	-	DELCO REMY	3-407	071
		-	-	DELCO REMY	805	087
		-	-	DELCO REMY	818	090
	R com motor OM 366 12V	-	-	DELCO REMY	2-407	071
		-	-	DELCO REMY	3-407	071

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MERCEDES-BENZ		de /from	until	M.Part./Starter	ZM	Pag.
1418	R com motor OM 366 12V	-	-	DELCO REMY	805	087
		-	-	DELCO REMY	818	090
	R with 12V OM 364 engine	-	-	DELCO REMY	2-407	071
		-	-	DELCO REMY	3-407	071
		-	-	DELCO REMY	818	090
	R with 12V OM 366 engine	-	-	DELCO REMY	2-407	071
		-	-	DELCO REMY	3-407	071
		-	-	DELCO REMY	818	090
1419	C	05/1983	03/1987	BOSCH	645	033
1420		05/1983	03/1987	BOSCH	645	033
1614		06/1983	03/1987	BOSCH	645	033
1617	C	06/1983	03/1987	BOSCH	645	033
1619	C	06/1983	03/1987	BOSCH	645	033
1620	L	07/1985	03/1987	BOSCH	645	033
1625	com motor OM 449 A	-	-	DELCO REMY	3-452	079
	with OM 449 A engine	-	-	DELCO REMY	3-452	079
163 series	ML 320	03/1998	07/2002	BOSCH	5-973	060
	ML 350	08/2002	06/2005	BOSCH	5-973	060
	ML 430	06/1998	07/2002	BOSCH	5-973	060
	ML 500	09/2001	06/2005	BOSCH	5-973	060
	ML 55 AMG	03/2000	06/2005	BOSCH	5-973	060
1630	com motor OM 449 A	-	-	DELCO REMY	3-452	079
	with OM 449 A engine	-	-	DELCO REMY	3-452	079
1632	L	06/2002	-	DELCO REMY	1-362	069
		06/2002	-	DELCO REMY	369	070
		-	-	DELCO REMY	6-408	074
		-	-	DELCO REMY	7-408	074
	LS	06/2002	-	DELCO REMY	1-362	069
		-	-	DELCO REMY	360	068
		06/2002	-	DELCO REMY	369	070
		-	-	DELCO REMY	6-408	074
		-	-	DELCO REMY	7-408	074
		-	-	DELCO REMY	360	068
1634	LS	06/2002	-	DELCO REMY	1-362	069
		-	-	DELCO REMY	360	068
		06/2002	-	DELCO REMY	369	070
		-	-	DELCO REMY	6-408	074
		-	-	DELCO REMY	7-408	074
170 series	SLK 32 AMG Kompressor	06/1999	03/2004	BOSCH	5-973	060
	SLK 32 AMG Roadster	06/1999	03/2004	BOSCH	5-973	060
171 series	SLK 55 AMG Roadster	04/2004	-	BOSCH	5-973	060
1714	K com motor OM 366	12/1994	-	BOSCH	531	014
		12/1994	-	BOSCH	531	015
		12/1994	-	BOSCH	631	027
		02/1991	-	BOSCH	3-571	021
	K with OM 366 engine	02/1991	-	BOSCH	3-571	021
1717	K com motor OM 366 A	07/1995	-	BOSCH	531	014
		07/1995	-	BOSCH	531	015
		07/1995	-	BOSCH	631	027
1718	A com motor OM 366 A	05/1999	-	BOSCH	3-571	021
	A with OM 366 A engine	05/1999	-	BOSCH	3-571	021
	K com motor OM 366 A	12/1994	-	BOSCH	531	014
		12/1994	-	BOSCH	531	015
		12/1994	-	BOSCH	631	027
		07/1990	-	BOSCH	3-571	021
	com motor OM 366 A	12/1994	-	BOSCH	531	014
		12/1994	-	BOSCH	531	015
		12/1994	-	BOSCH	631	027
		07/1990	-	BOSCH	3-571	021

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MERCEDES-BENZ		de /from	until	M.Part./Starter	ZM	Pag.
1718	com motor OM 904 eletrônico 24V	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
		-	-	DELCO REMY	815	089
	com motor OM 906 eletrônico 24V	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
		-	-	DELCO REMY	815	089
	com motor OM 924 eletrônico 24V	-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	com motor OM 926 eletrônico 24V	-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	with 24V electronic OM 904 engine	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	with 24V electronic OM 906 engine	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	with 24V electronic OM 924 engine	-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	with 24V electronic OM 926 engine	-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	with OM 366 A engine	07/1990	-	BOSCH	3-571	021
1720	A com motor OM 364 24V	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	A with 24V OM 364 engine	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	A with 24V OM 366 engine	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	K com motor OM 364 12V	-	-	DELCO REMY	2-407	071
		-	-	DELCO REMY	3-407	071
		-	-	DELCO REMY	805	087
		-	-	DELCO REMY	818	090
	K com motor OM 366 12V	-	-	DELCO REMY	2-407	071
		-	-	DELCO REMY	3-407	071
		-	-	DELCO REMY	805	087
		-	-	DELCO REMY	818	090
	K with 12V OM 364 engine	-	-	DELCO REMY	2-407	071
		-	-	DELCO REMY	3-407	071
		-	-	DELCO REMY	818	090
	K with 12V OM 366 engine	-	-	DELCO REMY	2-407	071
		-	-	DELCO REMY	3-407	071
		-	-	DELCO REMY	818	090
	com motor OM 364 12V	-	-	DELCO REMY	2-407	071
		-	-	DELCO REMY	3-407	071
		-	-	DELCO REMY	805	087

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MERCEDES-BENZ		de /from	until	M.Part./Starter	ZM	Pag.
1720	com motor OM 364 12V	-	-	DELCO REMY	818	090
	com motor OM 366 12V	-	-	DELCO REMY	2-407	071
		-	-	DELCO REMY	3-407	071
		-	-	DELCO REMY	805	087
		-	-	DELCO REMY	818	090
	com motor OM 366 LA	02/1998	-	BOSCH	531	014
		02/1998	-	BOSCH	531	015
		02/1998	-	BOSCH	631	027
		02/1998	-	BOSCH	3-571	021
	com motor OM 366LA 24V	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	with 12V OM 364 engine	-	-	DELCO REMY	2-407	071
		-	-	DELCO REMY	3-407	071
		-	-	DELCO REMY	818	090
	with 12V OM 366 engine	-	-	DELCO REMY	2-407	071
		-	-	DELCO REMY	3-407	071
		-	-	DELCO REMY	818	090
	with OM 366 LA engine	02/1998	-	BOSCH	3-571	021
1721	S com motor OM 366 LA	12/1994	-	BOSCH	531	014
		12/1994	-	BOSCH	531	015
		12/1994	-	BOSCH	631	027
		12/1994	-	BOSCH	3-571	021
	S with OM 366 LA engine	12/1994	-	BOSCH	3-571	021
1722	S com motor OM 366 LA	05/1998	-	BOSCH	531	014
		05/1998	-	BOSCH	531	015
		05/1998	-	BOSCH	631	027
		05/1998	-	BOSCH	3-571	021
	S with OM 366 LA engine	05/1998	-	BOSCH	3-571	021
1723	com motor OM 366 LA 24V	02/1998	-	BOSCH	531	014
		02/1998	-	BOSCH	531	015
		02/1998	-	BOSCH	631	027
		02/1998	-	BOSCH	3-571	021
	with OM 366 LA engine	02/1998	-	BOSCH	3-571	021
1725	com motor OM 904 eletrônico 24V	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
		-	-	DELCO REMY	815	089
	com motor OM 906 eletrônico 24V	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
		-	-	DELCO REMY	815	089
	com motor OM 924 eletrônico 24V	-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	com motor OM 926 eletrônico 24V	-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	with 24V electronic OM 904 engine	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	with 24V electronic OM 906 engine	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	with 24V electronic OM 924 engine	-	-	DELCO REMY	2-818	091

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MERCEDES-BENZ		de /from	until	M.Part./Starter	ZM	Pag.
1725	with 24V electronic OM 924 engine	-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	with 24V electronic OM 926 engine	-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
180	1.6	05/2002	-	MARELLI	3-397	138
	1.8	05/2002	-	MARELLI	3-397	138
		01/2002	-	BOSCH	5-381	004
1825	com motor OM 449 A	-	-	DELCO REMY	3-452	079
	with OM 449 A engine	-	-	DELCO REMY	3-452	079
1831	AK Actros com motor OM 541.926	04/1997	-	BOSCH	835	051
		04/1997	09/2003	MITSUBISHI	842	157
		04/1997	09/2003	DELCO REMY	3-428	077
	Actros com motor OM 541.920	09/1996	-	BOSCH	835	051
		09/1996	09/2003	MITSUBISHI	842	157
		09/1996	09/2003	DELCO REMY	3-428	077
	L Actros com motor OM 541.920	09/1996	-	BOSCH	835	051
		09/1996	09/2003	MITSUBISHI	842	157
		09/1996	09/2003	DELCO REMY	3-428	077
1835	AK Actros com motor OM 541.927	09/1996	-	BOSCH	835	051
		09/1996	09/2003	MITSUBISHI	842	157
		09/1996	09/2003	DELCO REMY	3-428	077
	Actros com motor OM 541.922	09/1996	-	BOSCH	835	051
		09/1996	09/2003	MITSUBISHI	842	157
		09/1996	09/2003	DELCO REMY	3-428	077
	L Actros com motor OM 541.922	04/1997	-	BOSCH	835	051
		04/1997	09/2003	MITSUBISHI	842	157
		04/1997	09/2003	DELCO REMY	3-428	077
1840	AK Actros com motor OM 541.924	09/1996	-	BOSCH	835	051
		09/1996	09/2003	MITSUBISHI	842	157
		09/1996	09/2003	DELCO REMY	3-428	077
	Actros com motor OM 541.923	09/1996	-	BOSCH	835	051
		09/1996	09/2003	MITSUBISHI	842	157
		09/1996	09/2003	DELCO REMY	3-428	077
	L Actros com motor OM 541.923	04/1997	-	BOSCH	835	051
		04/1997	09/2003	MITSUBISHI	842	157
		04/1997	09/2003	DELCO REMY	3-428	077
1843	AK Actros com motor OM 541.921	04/1997	-	BOSCH	835	051
		04/1997	09/2003	MITSUBISHI	842	157
		04/1997	09/2003	DELCO REMY	3-428	077
	Actros com motor OM 541.925	09/1996	-	BOSCH	835	051
		09/1996	09/2003	MITSUBISHI	842	157
		09/1996	09/2003	DELCO REMY	3-428	077
	L Actros com motor OM 541.925	09/1996	-	BOSCH	835	051
		09/1996	09/2003	MITSUBISHI	842	157
		09/1996	09/2003	DELCO REMY	3-428	077
1848	AK Actros com motor OM 542.925	04/1997	-	BOSCH	835	051
		04/1997	09/2003	MITSUBISHI	842	157
		04/1997	09/2003	DELCO REMY	3-428	077
	Actros com motor OM 542.921	09/1996	-	BOSCH	835	051
		09/1996	09/2003	MITSUBISHI	842	157
		09/1996	09/2003	DELCO REMY	3-428	077
	L Actros com motor OM 542.921	09/1996	-	BOSCH	835	051
		09/1996	09/2003	MITSUBISHI	842	157
		09/1996	09/2003	DELCO REMY	3-428	077
1853	Actros com motor OM 542.920	09/1996	-	BOSCH	835	051
		09/1996	09/2003	MITSUBISHI	842	157
		09/1996	09/2003	DELCO REMY	3-428	077
	L Actros com motor OM 542.920	09/1996	-	BOSCH	835	051

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MERCEDES-BENZ		de /from	until	M.Part./Starter	ZM	Pag.
1853	L Actros com motor OM 542.920	09/1996	09/2003	MITSUBISHI	842	157
		09/1996	09/2003	DELCO REMY	3-428	077
1857	L Actros com motor OM 542.922	04/1997	-	BOSCH	835	051
		04/1997	09/2003	MITSUBISHI	842	157
		04/1997	09/2003	DELCO REMY	3-428	077
190 (W201)	D 2.0 with OM 601.911 engine	08/1983	08/1993	VALEO	590	196
	D 2.5 with OM 602.911 engine	04/1985	08/1993	VALEO	590	196
	Turbo D 2.5 with OM 602.961 engine	02/1988	08/1993	VALEO	590	196
190 series	1.9L with gasoline engine	01/1961	12/1965	BOSCH	629	026
	2.0L with gasoline engine	01/1965	-	BOSCH	629	026
1935	com motor OM 449 A	-	-	DELCO REMY	3-452	079
	with OM 449 A engine	-	-	DELCO REMY	3-452	079
1938	L	06/2002	-	DELCO REMY	1-362	069
		-	-	DELCO REMY	360	068
		06/2002	-	DELCO REMY	369	070
		-	-	DELCO REMY	6-408	074
		-	-	DELCO REMY	7-408	074
	LS	-	-	DELCO REMY	1-362	069
		-	-	DELCO REMY	360	068
		-	-	DELCO REMY	369	070
		-	-	DELCO REMY	6-408	074
		-	-	DELCO REMY	7-408	074
	S	-	-	DELCO REMY	1-362	069
		-	-	DELCO REMY	360	068
		-	-	DELCO REMY	369	070
		-	-	DELCO REMY	6-408	074
		-	-	DELCO REMY	7-408	074
1941	com motor OM 449 A	-	-	DELCO REMY	3-452	079
	with OM 449 A engine	-	-	DELCO REMY	3-452	079
1944	L	06/2002	-	DELCO REMY	1-362	069
		-	-	DELCO REMY	360	068
		06/2002	-	DELCO REMY	369	070
		-	-	DELCO REMY	6-408	074
		-	-	DELCO REMY	7-408	074
199 series	SLR 5.4 Roadster	04/2004	-	BOSCH	5-973	060
200	1.8	02/2002	-	MARELLI	3-397	138
	2.0 L with gasoline engine	01/1966	12/1967	BOSCH	629	026
		02/2003	-	MARELLI	3-397	138
	2.2 L with gasoline engine	01/1958	12/1965	BOSCH	629	026
		01/2002	-	BOSCH	5-381	004
202 series	C 240 2.4	06/1997	04/2000	BOSCH	5-973	060
	C 240 2.4 T-Modell	06/1997	02/2001	BOSCH	5-973	060
	C 280	06/1997	04/2000	BOSCH	5-973	060
	C 280 T-Modell	06/1997	02/2001	BOSCH	5-973	060
	C 43 AMG	11/1997	04/2000	BOSCH	5-973	060
	C 43 AMG T-Modell	10/1997	02/2001	BOSCH	5-973	060
203 series	C 240 2.6	05/2000	05/2005	BOSCH	5-973	060
	C 240 2.6 4MATIC	09/2002	06/2005	BOSCH	5-973	060
	C 240 2.6 T-Modell	01/2001	05/2005	BOSCH	5-973	060
	C 32 AMG Kompressor	01/2001	01/2004	BOSCH	5-973	060
	C 320	05/2000	05/2005	BOSCH	5-973	060
	C 320 4MATIC	09/2002	06/2005	BOSCH	5-973	060
	C 320 Sportcoupe	09/2002	05/2005	BOSCH	5-973	060
	C 320 T-Modell	01/2001	05/2005	BOSCH	5-973	060
	C 350	06/2005	-	BOSCH	5-973	060
	C 350 4MATIC	07/2005	-	BOSCH	5-973	060
	C 350 Sportcoupe	06/2005	-	BOSCH	5-973	060
	C 350 T-Modell	06/2005	-	BOSCH	5-973	060
2031	A Actros com motor OM 541.926	09/1996	-	BOSCH	835	051

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MERCEDES-BENZ		de /from	until	M.Part./Starter	ZM	Pag.
2031	A Actros com motor OM 541.926	09/1996	09/2003	MITSUBISHI	842	157
		09/1996	09/2003	DELCO REMY	3-428	077
	Actros com motor OM 541.920	09/1996	-	BOSCH	835	051
		09/1996	09/2003	MITSUBISHI	842	157
		09/1996	09/2003	DELCO REMY	3-428	077
2035	Actros com motor OM 541.927	04/1997	-	BOSCH	835	051
		04/1997	09/2003	MITSUBISHI	842	157
		04/1997	09/2003	DELCO REMY	3-428	077
2040	A Actros com motor OM 541.924	09/1996	-	BOSCH	835	051
		09/1996	09/2003	MITSUBISHI	842	157
		09/1996	09/2003	DELCO REMY	3-428	077
	Actros com motor OM 541.923	09/1996	-	BOSCH	835	051
		09/1996	09/2003	MITSUBISHI	842	157
		09/1996	09/2003	DELCO REMY	3-428	077
2053	Actros com motor OM 542.920	09/1996	-	BOSCH	835	051
		09/1996	09/2003	MITSUBISHI	842	157
		09/1996	09/2003	DELCO REMY	3-428	077
208 series	CLK 320 Cabrio	06/1998	01/2003	BOSCH	5-973	060
	CLK 320 Coupe	01/1997	06/2002	BOSCH	5-973	060
	CLK 430 Cabrio	09/1998	01/2003	BOSCH	5-973	060
	CLK 430 Coupe	08/1998	04/2002	BOSCH	5-973	060
	CLK 55 AMG Cabrio	09/2000	04/2002	BOSCH	5-973	060
	CLK 55 AMG Coupe	05/1999	04/2002	BOSCH	5-973	060
209 series	CLK 240 2.6 Cabrio	02/2003	-	BOSCH	5-973	060
	CLK 240 2.6 Coupe	05/2002	-	BOSCH	5-973	060
	CLK 320 Cabrio	02/2003	-	BOSCH	5-973	060
	CLK 320 Coupe	05/2002	-	BOSCH	5-973	060
	CLK 500 Cabrio	02/2003	07/2006	BOSCH	5-973	060
	CLK 500 Coupe	05/2002	07/2006	BOSCH	5-973	060
	CLK 55 AMG Cabrio	02/2003	-	BOSCH	5-973	060
	CLK 55 AMG Coupe	09/2002	-	BOSCH	5-973	060
210 series	E 240 2.4	09/1997	06/1999	BOSCH	5-973	060
	E 240 2.4 T-Modell	09/1997	06/1999	BOSCH	5-973	060
	E 240 2.6	09/2000	03/2002	BOSCH	5-973	060
	E 240 2.6 T-Modell	06/1999	01/2003	BOSCH	5-973	060
	E 280	06/1995	01/2003	BOSCH	5-973	060
	E 280 4MATIC	03/1997	01/2003	BOSCH	5-973	060
	E 280 4MATIC T-Modell	03/1997	01/2003	BOSCH	5-973	060
	E 280 T-Modell	07/1996	01/2003	BOSCH	5-973	060
	E 320	03/1997	03/2002	BOSCH	5-973	060
	E 320 4MATIC	09/1997	03/2002	BOSCH	5-973	060
	E 320 4MATIC T-Modell	06/1997	02/2001	BOSCH	5-973	060
	E 320 T-Modell	03/1997	01/2003	BOSCH	5-973	060
	E 430	09/1997	03/2002	BOSCH	5-973	060
	E 430 4MATIC	06/1999	03/2002	BOSCH	5-973	060
	E 430 4MATIC T-Modell	06/1997	01/2003	BOSCH	5-973	060
	E 430 T-Modell	09/1997	01/2003	BOSCH	5-973	060
	E 55 AMG	09/1997	03/2003	BOSCH	5-973	060
	E 55 AMG T-Modell	03/1998	01/2003	BOSCH	5-973	060
211 series	E 240 2.6 T-Modell	02/2003	03/2005	BOSCH	5-973	060
	E 320	03/2002	03/2005	BOSCH	5-973	060
	E 320 4MATIC	09/2003	03/2005	BOSCH	5-973	060
	E 320 4MATIC T-Modell	09/2003	03/2005	BOSCH	5-973	060
	E 320 T-Modell	02/2003	03/2005	BOSCH	5-973	060
	E 500	03/2002	03/2006	BOSCH	5-973	060
	E 500 4MATIC	09/2003	08/2006	BOSCH	5-973	060
	E 500 T-Modell	09/2003	03/2006	BOSCH	5-973	060
	E 55 AMG Kompressor	09/2003	05/2006	BOSCH	5-973	060
215 series	CL 500 Coupe	09/1999	05/2006	BOSCH	5-973	060

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215 series	CL 55 AMG Coupe	09/1999	08/2002	BOSCH	5-973	060
	CL 55 AMG Kompressor	09/2002	08/2006	BOSCH	5-973	060
	CL 600 5.5 Coupe	09/2002	08/2006	BOSCH	5-973	060
	CL 65 AMG Coupe	09/2003	08/2006	BOSCH	5-973	060
	E 240 2.6	03/2002	03/2005	BOSCH	5-973	060
	E 240 2.6 4MATIC	09/2003	-	BOSCH	5-973	060
216 series	CL 600 5.5 Coupe	09/2006	-	BOSCH	5-973	060
220 series	S 280	01/1999	08/2005	BOSCH	5-973	060
	S 320	10/1998	08/2002	BOSCH	5-973	060
	S 350 3.7	09/2002	08/2005	BOSCH	5-973	060
	S 350 3.7 4MATIC	06/2003	08/2005	BOSCH	5-973	060
	S 430	10/1998	08/2005	BOSCH	5-973	060
	S 430 4MATIC	09/2002	08/2005	BOSCH	5-973	060
	S 500	10/1998	08/2005	BOSCH	5-973	060
	S 500 4MATIC	09/2002	08/2005	BOSCH	5-973	060
	S 55 5.4 AMG	08/2000	08/2002	BOSCH	5-973	060
	S 55 AMG Kompressor	09/2002	08/2005	BOSCH	5-973	060
	S 600 5.5	09/2002	08/2005	BOSCH	5-973	060
	S 65 6.0 AMG	02/2004	08/2005	BOSCH	5-973	060
221 series	S 600 5.5	12/2005	-	BOSCH	5-973	060
	S 65 6.0 AMG	07/2006	-	BOSCH	5-973	060
2219		02/1983	03/1987	BOSCH	645	033
2220		02/1983	03/1987	BOSCH	645	033
230	1.8	05/2002	-	MARELLI	3-397	138
	2.3 L with gasoline engine	01/1965	12/1967	BOSCH	629	026
	SL 350 3.7	03/2003	12/2005	BOSCH	5-973	060
	SL 500	10/2001	12/2005	BOSCH	5-973	060
	SL 55 AMG	10/2001	12/2005	BOSCH	5-973	060
	SL 600 5.5	03/2003	-	BOSCH	5-973	060
	SL 65 AMG	09/2004	-	BOSCH	5-973	060
		01/2002	-	BOSCH	5-381	004
2325	com motor OM 449 A	-	-	DELCO REMY	3-452	079
	with OM 449 A engine	-	-	DELCO REMY	3-452	079
2418	com motor OM 366 A	03/1991	-	BOSCH	531	014
		03/1991	-	BOSCH	531	015
		03/1991	-	BOSCH	631	027
		03/1991	-	BOSCH	3-571	021
	with OM 366 A engine	03/1991	-	BOSCH	3-571	021
2423	B com motor OM 904 eletrônico 24V	-	-	DELCO REMY	2-818	091
	B com motor OM 906 eletrônico 24V	-	-	DELCO REMY	2-818	091
	B com motor OM 924 eletrônico 24V	-	-	DELCO REMY	2-818	091
	B com motor OM 926 eletrônico 24V	-	-	DELCO REMY	2-818	091
	B with 24V electronic OM 904 engine	-	-	DELCO REMY	2-818	091
	B with 24V electronic OM 906 engine	-	-	DELCO REMY	2-818	091
	B with 24V electronic OM 924 engine	-	-	DELCO REMY	2-818	091
	B with 24V electronic OM 926 engine	-	-	DELCO REMY	2-818	091
	K com motor OM 904 eletrônico 24V	-	-	DELCO REMY	2-818	091
	K com motor OM 906 eletrônico 24V	-	-	DELCO REMY	2-818	091
	K com motor OM 924 eletrônico 24V	-	-	DELCO REMY	2-818	091
	K com motor OM 926 eletrônico 24V	-	-	DELCO REMY	2-818	091
	K with 24V electronic OM 904 engine	-	-	DELCO REMY	2-818	091
	K with 24V electronic OM 906 engine	-	-	DELCO REMY	2-818	091
	K with 24V electronic OM 924 engine	-	-	DELCO REMY	2-818	091
	K with 24V electronic OM 926 engine	-	-	DELCO REMY	2-818	091
	com motor OM 904 eletrônico 24V	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
		-	-	DELCO REMY	815	089

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MERCEDES-BENZ		de /from	until	M.Part./Starter	ZM	Pag.
2423	com motor OM 906 LA	05/1999	-	BOSCH	1-639	029
		05/1999	-	DELCO REMY	5-409	076
	com motor OM 906 eletrônico 24V	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
		-	-	DELCO REMY	815	089
	com motor OM 924 eletrônico 24V	-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	com motor OM 926 eletrônico 24V	-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	with 24V electronic OM 904 engine	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	with 24V electronic OM 906 engine	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	with 24V electronic OM 924 engine	-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	with 24V electronic OM 926 engine	-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
2428	com motor OM 904 eletrônico 24V	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
		-	-	DELCO REMY	815	089
	com motor OM 906 eletrônico 24V	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
		-	-	DELCO REMY	815	089
	com motor OM 924 eletrônico 24V	-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	com motor OM 926 eletrônico 24V	-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	with 24V electronic OM 904 engine	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	with 24V electronic OM 906 engine	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	with 24V electronic OM 924 engine	-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	with 24V electronic OM 926 engine	-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
250	1.8	01/2009	-	MARELLI	3-397	138
		01/2011	-	BOSCH	5-381	004
2531	Actros com motor OM 541.920	07/1998	-	BOSCH	835	051

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2531	Actros com motor OM 541.920	07/1998	09/2003	MITSUBISHI	842	157
		07/1998	09/2003	DELCO REMY	3-428	077
	L Actros com motor OM 541.920	09/1996	-	BOSCH	835	051
		09/1996	09/2003	MITSUBISHI	842	157
		09/1996	09/2003	DELCO REMY	3-428	077
2535	L Actros com motor OM 541.922	09/1996	-	BOSCH	835	051
		09/1996	09/2003	MITSUBISHI	842	157
		09/1996	09/2003	DELCO REMY	3-428	077
2540	Actros com motor OM 541.923	09/1996	-	BOSCH	835	051
		09/1996	09/2003	MITSUBISHI	842	157
		09/1996	09/2003	DELCO REMY	3-428	077
2543	Actros com motor OM 541.925	09/1996	-	BOSCH	835	051
		09/1996	09/2003	MITSUBISHI	842	157
		09/1996	09/2003	DELCO REMY	3-428	077
	L Actros com motor OM 541.925	09/1996	-	BOSCH	835	051
		09/1996	09/2003	MITSUBISHI	842	157
		09/1996	09/2003	DELCO REMY	3-428	077
2548	Actros com motor OM 542.921	09/1996	-	BOSCH	835	051
		09/1996	09/2003	MITSUBISHI	842	157
		09/1996	09/2003	DELCO REMY	3-428	077
	L Actros com motor OM 542.921	09/1996	-	BOSCH	835	051
		09/1996	09/2003	MITSUBISHI	842	157
		09/1996	09/2003	DELCO REMY	3-428	077
2553	Actros com motor OM 542.920	09/1996	-	BOSCH	835	051
		09/1996	09/2003	MITSUBISHI	842	157
		09/1996	09/2003	DELCO REMY	3-428	077
	L Actros com motor OM 542.920	09/1996	-	BOSCH	835	051
		09/1996	09/2003	MITSUBISHI	842	157
		09/1996	09/2003	DELCO REMY	3-428	077
2557	L Actros com motor OM 542.922	04/1997	-	BOSCH	835	051
		04/1997	09/2003	MITSUBISHI	842	157
		04/1997	09/2003	DELCO REMY	3-428	077
2631	Actros com motor OM 541.920	04/1997	-	BOSCH	835	051
		04/1997	09/2003	MITSUBISHI	842	157
		04/1997	09/2003	DELCO REMY	3-428	077
	L Actros com motor OM 541.920	04/1997	-	BOSCH	835	051
		04/1997	09/2003	MITSUBISHI	842	157
		04/1997	09/2003	DELCO REMY	3-428	077
2635	Actros com motor OM 541.922	04/1997	-	BOSCH	835	051
		04/1997	09/2003	MITSUBISHI	842	157
		04/1997	09/2003	DELCO REMY	3-428	077
	L Actros com motor OM 541.922	04/1997	-	BOSCH	835	051
		04/1997	09/2003	MITSUBISHI	842	157
		04/1997	09/2003	DELCO REMY	3-428	077
2638 L, LS, LK	LK	06/2002	-	DELCO REMY	1-362	069
		-	-	DELCO REMY	360	068
		06/2002	-	DELCO REMY	369	070
	LS	-	-	DELCO REMY	360	068
		-	-	DELCO REMY	360	068
		-	-	DELCO REMY	6-408	074
		-	-	DELCO REMY	7-408	074
2640	Actros com motor OM 541.923	09/1996	-	BOSCH	835	051
		09/1996	09/2003	MITSUBISHI	842	157
		09/1996	09/2003	DELCO REMY	3-428	077
	L Actros com motor OM 541.923	04/1997	-	BOSCH	835	051
		04/1997	09/2003	MITSUBISHI	842	157
		04/1997	09/2003	DELCO REMY	3-428	077
2643	Actros com motor OM 541.925	09/1996	-	BOSCH	835	051
		09/1996	09/2003	MITSUBISHI	842	157

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MERCEDES-BENZ		de /from	until	M.Part./Starter	ZM	Pag.
2643	Actros com motor OM 541.925	09/1996	09/2003	DELCO REMY	3-428	077
	L Actros com motor OM 541.925	04/1997	-	BOSCH	835	051
		04/1997	09/2003	MITSUBISHI	842	157
		04/1997	09/2003	DELCO REMY	3-428	077
2648	Actros com motor OM 542.921	09/1996	-	BOSCH	835	051
		09/1996	09/2003	MITSUBISHI	842	157
		09/1996	09/2003	DELCO REMY	3-428	077
	L Actros com motor OM 542.921	04/1997	-	BOSCH	835	051
		04/1997	09/2003	MITSUBISHI	842	157
		04/1997	09/2003	DELCO REMY	3-428	077
2653	Actros com motor OM 542.920	09/1996	-	BOSCH	835	051
		09/1996	09/2003	MITSUBISHI	842	157
		09/1996	09/2003	DELCO REMY	3-428	077
	L Actros com motor OM 542.920	04/1997	-	BOSCH	835	051
		04/1997	09/2003	MITSUBISHI	842	157
		04/1997	09/2003	DELCO REMY	3-428	077
2657	Actros com motor OM 542.922	04/1997	-	BOSCH	835	051
		04/1997	09/2003	MITSUBISHI	842	157
		04/1997	09/2003	DELCO REMY	3-428	077
	L Actros com motor OM 542.922	04/1997	-	BOSCH	835	051
		04/1997	09/2003	MITSUBISHI	842	157
		04/1997	09/2003	DELCO REMY	3-428	077
320 TE		09/1992	06/1993	BOSCH	874	052
3235	Actros com motor OM 541.922	04/1997	-	BOSCH	835	051
		04/1997	09/2003	MITSUBISHI	842	157
		04/1997	09/2003	DELCO REMY	3-428	077
3240	Actros com motor OM 541.923	04/1997	-	BOSCH	835	051
		04/1997	09/2003	MITSUBISHI	842	157
		04/1997	09/2003	DELCO REMY	3-428	077
3243	Actros com motor OM 541.925	04/1997	-	BOSCH	835	051
		04/1997	09/2003	MITSUBISHI	842	157
		04/1997	09/2003	DELCO REMY	3-428	077
3331	A Actros com motor OM 541.926	04/1997	-	BOSCH	835	051
		04/1997	09/2003	MITSUBISHI	842	157
		04/1997	09/2003	DELCO REMY	3-428	077
	Actros com motor OM 541.920	04/1997	-	BOSCH	835	051
		04/1997	09/2003	MITSUBISHI	842	157
		04/1997	09/2003	DELCO REMY	3-428	077
	L Actros com motor OM 541.920	04/1997	-	BOSCH	835	051
		04/1997	09/2003	MITSUBISHI	842	157
		04/1997	09/2003	DELCO REMY	3-428	077
3335	Actros com motor OM 541.922	04/1997	-	BOSCH	835	051
		04/1997	09/2003	MITSUBISHI	842	157
		04/1997	09/2003	DELCO REMY	3-428	077
3340	A Actros com motor OM 541.924	04/1997	-	BOSCH	835	051
		04/1997	09/2003	MITSUBISHI	842	157
		04/1997	09/2003	DELCO REMY	3-428	077
	Actros com motor OM 541.923	04/1997	-	BOSCH	835	051
		04/1997	09/2003	MITSUBISHI	842	157
		04/1997	09/2003	DELCO REMY	3-428	077
3343	A Actros com motor OM 541.921	04/1997	-	BOSCH	835	051
		04/1997	09/2003	MITSUBISHI	842	157
		04/1997	09/2003	DELCO REMY	3-428	077
	Actros com motor OM 541.925	04/1997	-	BOSCH	835	051
		04/1997	09/2003	MITSUBISHI	842	157
		04/1997	09/2003	DELCO REMY	3-428	077
3348	A Actros com motor OM 542.925	04/1997	-	BOSCH	835	051
		04/1997	09/2003	MITSUBISHI	842	157
		04/1997	09/2003	DELCO REMY	3-428	077

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MERCEDES-BENZ		de /from	until	M.Part./Starter	ZM	Pag.
3348	Actros com motor OM 542.921	04/1997	-	BOSCH	835	051
		04/1997	09/2003	MITSUBISHI	842	157
		04/1997	09/2003	DELCO REMY	3-428	077
3353	Actros com motor OM 542.920	04/1997	-	BOSCH	835	051
		04/1997	09/2003	MITSUBISHI	842	157
		04/1997	09/2003	DELCO REMY	3-428	077
3357	Actros com motor OM 542.922	04/1997	-	BOSCH	835	051
		04/1997	09/2003	MITSUBISHI	842	157
		04/1997	09/2003	DELCO REMY	3-428	077
4140	A Actros com motor OM 541.924	04/1997	-	BOSCH	835	051
		04/1997	09/2003	MITSUBISHI	842	157
		04/1997	09/2003	DELCO REMY	3-428	077
	Actros com motor OM 541.923	04/1997	-	BOSCH	835	051
		04/1997	09/2003	MITSUBISHI	842	157
		04/1997	09/2003	DELCO REMY	3-428	077
4143	A Actros com motor OM 541.921	04/1997	-	BOSCH	835	051
		04/1997	09/2003	MITSUBISHI	842	157
		04/1997	09/2003	DELCO REMY	3-428	077
	Actros com motor OM 541.925	04/1997	-	BOSCH	835	051
		04/1997	09/2003	MITSUBISHI	842	157
		04/1997	09/2003	DELCO REMY	3-428	077
4148	Actros com motor OM 542.921	04/1997	-	BOSCH	835	051
		04/1997	09/2003	MITSUBISHI	842	157
		04/1997	09/2003	DELCO REMY	3-428	077
463 series	G 500	04/1998	09/2005	BOSCH	5-973	060
	G 55 AMG	04/1999	03/2004	BOSCH	5-973	060
	G 55 AMG Kompressor	04/2004	-	BOSCH	5-973	060
609	D	02/1973	03/1987	BOSCH	645	033
709	D	-	-	BOSCH	645	033
	com motor OM 364	03/1988	-	BOSCH	531	014
		03/1988	-	BOSCH	531	015
		03/1988	-	BOSCH	631	027
		03/1988	-	BOSCH	3-571	021
	with OM 364 engine	03/1988	-	BOSCH	3-571	021
710	com motor OM 364 12V	-	-	DELCO REMY	2-407	071
		-	-	DELCO REMY	3-407	071
		-	-	DELCO REMY	805	087
		-	-	DELCO REMY	818	090
	com motor OM 364 A	09/1995	-	BOSCH	531	014
		09/1995	-	BOSCH	531	015
		09/1995	-	BOSCH	631	027
		09/1995	-	BOSCH	3-571	021
	com motor OM 366 12V	-	-	DELCO REMY	2-407	071
		-	-	DELCO REMY	3-407	071
		-	-	DELCO REMY	805	087
		-	-	DELCO REMY	818	090
	with 12V OM 364 engine	-	-	DELCO REMY	2-407	071
		-	-	DELCO REMY	3-407	071
		-	-	DELCO REMY	818	090
	with 12V OM 366 engine	-	-	DELCO REMY	2-407	071
		-	-	DELCO REMY	3-407	071
		-	-	DELCO REMY	818	090
	with OM 364 A engine	09/1995	-	BOSCH	3-571	021
711	D	11/1977	03/1987	BOSCH	645	033
712	C com motor OM 904 LA	10/1998	-	BOSCH	1-639	029
		10/1998	-	DELCO REMY	5-409	076
	C com motor OM 904 eletrônico 24V	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075

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MERCEDES-BENZ		de /from	until	M.Part./Starter	ZM	Pag.
712	C com motor OM 904 eletrônico 24V	-	-	DELCO REMY	409	075
		-	-	DELCO REMY	815	089
	C com motor OM 906 eletrônico 24V	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
		-	-	DELCO REMY	815	089
	C com motor OM 924 eletrônico 24V	-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	C com motor OM 926 eletrônico 24V	-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	C with 24V electronic OM 904 engine	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	C with 24V electronic OM 906 engine	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	C with 24V electronic OM 924 engine	-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	C with 24V electronic OM 926 engine	-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	E com motor OM 364 12V	-	-	DELCO REMY	2-407	071
		-	-	DELCO REMY	3-407	071
		-	-	DELCO REMY	818	090
	E com motor OM 366 12V	-	-	DELCO REMY	2-407	071
		-	-	DELCO REMY	3-407	071
		-	-	DELCO REMY	818	090
	E with 12V OM 364 engine	-	-	DELCO REMY	2-407	071
		-	-	DELCO REMY	3-407	071
		-	-	DELCO REMY	818	090
	E with 12V OM 366 engine	-	-	DELCO REMY	2-407	071
		-	-	DELCO REMY	3-407	071
		-	-	DELCO REMY	818	090
	com motor OM 364 A	04/1992	-	BOSCH	531	014
		04/1992	-	BOSCH	531	015
		04/1992	-	BOSCH	631	027
		04/1992	-	BOSCH	3-571	021
	with OM 364 A engine	04/1992	-	BOSCH	3-571	021
715	com motor OM 904 eletrônico 24V	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
		-	-	DELCO REMY	815	089
	com motor OM 906 eletrônico 24V	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
		-	-	DELCO REMY	815	089
	com motor OM 924 eletrônico 24V	-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	com motor OM 926 eletrônico 24V	-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075

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MERCEDES-BENZ		de /from	until	M.Part./Starter	ZM	Pag.
715	with 24V electronic OM 904 engine	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	with 24V electronic OM 906 engine	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	with 24V electronic OM 924 engine	-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	with 24V electronic OM 926 engine	-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
8 (W115)	200 D with OM 615.913 engine	01/1968	01/1977	BOSCH	544	018
		01/1968	01/1977	BOSCH	744	043
	220 D with OM 615.912 engine	01/1968	01/1977	BOSCH	544	018
		01/1968	01/1977	BOSCH	744	043
	240 D 3.0 with OM 617.910 engine	08/1974	11/1976	BOSCH	544	018
		08/1974	11/1976	BOSCH	744	043
	240 D with OM 616.916 engine	08/1973	01/1977	BOSCH	544	018
		08/1973	01/1977	BOSCH	744	043
809		03/1984	02/1987	BOSCH	645	033
811	D	03/1984	02/1987	BOSCH	645	033
814	D	03/1984	02/1987	BOSCH	645	033
	L	-	-	BOSCH	645	033
817		01/1986	01/1987	BOSCH	645	033
912	com motor OM 364 A	03/1988	-	BOSCH	531	014
		03/1988	-	BOSCH	531	015
		03/1988	-	BOSCH	631	027
		03/1988	-	BOSCH	3-571	021
	with OM 364 A engine	03/1988	-	BOSCH	3-571	021
914	C com motor OM 904 eletrônico 24V	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	815	089
	C com motor OM 906 eletrônico 24V	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	815	089
	C com motor OM 924 eletrônico 24V	-	-	DELCO REMY	2-818	091
	C com motor OM 926 eletrônico 24V	-	-	DELCO REMY	2-818	091
	C with 24V electronic OM 904 engine	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091
	C with 24V electronic OM 906 engine	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091
	C with 24V electronic OM 924 engine	-	-	DELCO REMY	2-818	091
	C with 24V electronic OM 926 engine	-	-	DELCO REMY	2-818	091
	C/LO com motor OM 904 LA	10/1998	-	BOSCH	1-639	029
		10/1998	-	DELCO REMY	5-409	076
	com motor OM 364 LA	12/1994	-	BOSCH	531	014
		12/1994	-	BOSCH	531	015
		12/1994	-	BOSCH	631	027
		12/1994	-	BOSCH	3-571	021
	with OM 364 LA engine	12/1994	-	BOSCH	3-571	021
915	C com motor OM 904 eletrônico 24V	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	815	089
	C com motor OM 906 eletrônico 24V	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	815	089

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MERCEDES-BENZ		de /from	until	M.Part./Starter	ZM	Pag.
915	C com motor OM 924 eletrônico 24V	-	-	DELCO REMY	2-818	091
	C com motor OM 926 eletrônico 24V	-	-	DELCO REMY	2-818	091
	C com motor eletrônico 24v.	-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	C with 24V electronic OM 904 engine	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091
	C with 24V electronic OM 906 engine	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091
	C with 24V electronic OM 924 engine	-	-	DELCO REMY	2-818	091
	C with 24V electronic OM 926 engine	-	-	DELCO REMY	2-818	091
	C with 24V electronic engine.	-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	com motor 915 A	02/1998	-	BOSCH	1-639	029
		02/1998	-	DELCO REMY	5-409	076
917	com motor OM 366 A	09/1987	-	BOSCH	531	014
		09/1987	-	BOSCH	531	015
		09/1987	-	BOSCH	631	027
A-Class	140	10/1997	-	BOSCH	874	052
		10/1997	-	VALEO	495	191
		10/1997	-	VALEO	5-495	192
	160	05/1999	-	BOSCH	1-973	059
		10/1997	-	BOSCH	874	052
		10/1997	-	VALEO	495	191
		10/1997	-	VALEO	5-495	192
	168 Séries	-	-	VALEO	5-495	192
	190 com motor M 166.990	06/1999	-	BOSCH	2-973	059
	W168 A 160 CDI with OM 668.940 engine	02/2001	-	BOSCH	2-371	001
	W168 A 160 CDI with OM 668.941 engine	07/1998	02/2001	BOSCH	2-371	001
	W168 A 170 CDI with OM 668.940 engine	07/1998	02/2001	BOSCH	2-371	001
	W168 A 170 CDI with OM 668.942 engine	02/2001	-	BOSCH	2-371	001
Accelo	815	-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	915 C com motor OM 904 eletrônico 24V	-	-	DELCO REMY	2-818	091
	915 C com motor OM 906 eletrônico 24V	-	-	DELCO REMY	2-818	091
	915 C com motor OM 924 eletrônico 24V	-	-	DELCO REMY	2-818	091
	915 C com motor OM 926 eletrônico 24V	-	-	DELCO REMY	2-818	091
	915 C with 24V electronic OM 904 engine	-	-	DELCO REMY	2-818	091
	915 C with 24V electronic OM 906 engine	-	-	DELCO REMY	2-818	091
	915 C with 24V electronic OM 924 engine	-	-	DELCO REMY	2-818	091
	915 C with 24V electronic OM 926 engine	-	-	DELCO REMY	2-818	091
Actros	Blue Tec with OM 541 engine	02/2005	-	MITSUBISHI	842	157
		02/2005	-	DELCO REMY	3-428	077
	with OM 541 engine	04/2003	-	MITSUBISHI	842	157
		06/2003	-	MITSUBISHI	842	157
		04/2003	-	DELCO REMY	3-428	077
		06/2003	-	DELCO REMY	3-428	077
	with OM 542 engine	04/2003	-	MITSUBISHI	842	157
		04/2003	-	DELCO REMY	3-428	077
Atego	1315 with 24V electronic OM 906 engine	-	-	DELCO REMY	2-818	091
	1315 with 24V electronic OM 924 engine	-	-	DELCO REMY	2-818	091
	1315 com motor OM 904 eletrônico 24V	-	-	DELCO REMY	2-818	091
	1315 com motor OM 906 eletrônico 24V	-	-	DELCO REMY	2-818	091
	1315 com motor OM 924 eletrônico 24V	-	-	DELCO REMY	2-818	091
	1315 com motor OM 926 eletrônico 24V	-	-	DELCO REMY	2-818	091
	1315 with 24V electronic OM 904 engine	-	-	DELCO REMY	2-818	091
	1315 with 24V electronic OM 926 engine	-	-	DELCO REMY	2-818	091
	1418 com motor OM 904 eletrônico 24V	-	-	DELCO REMY	2-818	091
	1418 com motor OM 906 eletrônico 24V	-	-	DELCO REMY	2-818	091
	1418 com motor OM 924 eletrônico 24V	-	-	DELCO REMY	2-818	091

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MERCEDES-BENZ		de /from	until	M.Part./Starter	ZM	Pag.
Atego	1418 com motor OM 926 eletrônico 24V	-	-	DELCO REMY	2-818	091
	1418 with 24V electronic OM 904 engine	-	-	DELCO REMY	2-818	091
	1418 with 24V electronic OM 906 engine	-	-	DELCO REMY	2-818	091
	1418 with 24V electronic OM 924 engine	-	-	DELCO REMY	2-818	091
	1418 with 24V electronic OM 926 engine	-	-	DELCO REMY	2-818	091
	1419	-	-	MITSUBISHI	5-898	164
	1518 com motor OM 904 eletrônico 24V	-	-	DELCO REMY	2-818	091
	1518 com motor OM 906 eletrônico 24V	-	-	DELCO REMY	2-818	091
	1518 com motor OM 924 eletrônico 24V	-	-	DELCO REMY	2-818	091
	1518 com motor OM 926 eletrônico 24V	-	-	DELCO REMY	2-818	091
	1518 with 24V electronic OM 904 engine	-	-	DELCO REMY	2-818	091
	1518 with 24V electronic OM 906 engine	-	-	DELCO REMY	2-818	091
	1518 with 24V electronic OM 924 engine	-	-	DELCO REMY	2-818	091
	1518 with 24V electronic OM 926 engine	-	-	DELCO REMY	2-818	091
	1718 com motor OM 904 eletrônico 24V	-	-	DELCO REMY	2-818	091
	1718 com motor OM 906 eletrônico 24V	-	-	DELCO REMY	2-818	091
	1718 com motor OM 924 eletrônico 24V	-	-	DELCO REMY	2-818	091
	1718 com motor OM 926 eletrônico 24V	-	-	DELCO REMY	2-818	091
	1718 with 24V electronic OM 904 engine	-	-	DELCO REMY	2-818	091
	1718 with 24V electronic OM 906 engine	-	-	DELCO REMY	2-818	091
	1718 with 24V electronic OM 924 engine	-	-	DELCO REMY	2-818	091
	1718 with 24V electronic OM 926 engine	-	-	DELCO REMY	2-818	091
	1719	-	-	MITSUBISHI	5-898	164
	1725 com motor OM 904 eletrônico 24V	-	-	DELCO REMY	2-818	091
	1725 com motor OM 906 eletrônico 24V	-	-	DELCO REMY	2-818	091
	1725 com motor OM 924 eletrônico 24V	-	-	DELCO REMY	2-818	091
	1725 com motor OM 926 eletrônico 24V	-	-	DELCO REMY	2-818	091
	1725 with 24V electronic OM 904 engine	-	-	DELCO REMY	2-818	091
	1725 with 24V electronic OM 906 engine	-	-	DELCO REMY	2-818	091
	1725 with 24V electronic OM 924 engine	-	-	DELCO REMY	2-818	091
	1725 with 24V electronic OM 926 engine	-	-	DELCO REMY	2-818	091
	1726	-	-	MITSUBISHI	5-898	164
	1729	-	-	MITSUBISHI	5-898	164
	2425 com motor OM 904 eletrônico 24V	-	-	DELCO REMY	2-818	091
	2425 com motor OM 906 eletrônico 24V	-	-	DELCO REMY	2-818	091
	2425 com motor OM 924 eletrônico 24V	-	-	DELCO REMY	2-818	091
	2425 com motor OM 926 eletrônico 24V	-	-	DELCO REMY	2-818	091
	2425 with 24V electronic OM 904 engine	-	-	DELCO REMY	2-818	091
	2425 with 24V electronic OM 906 engine	-	-	DELCO REMY	2-818	091
	2425 with 24V electronic OM 924 engine	-	-	DELCO REMY	2-818	091
	2425 with 24V electronic OM 926 engine	-	-	DELCO REMY	2-818	091
	2426	-	-	MITSUBISHI	5-898	164
	2429	-	-	MITSUBISHI	5-898	164
	I 1017 A with OM 904.911 engine	01/1998	-	BOSCH	1-639	029
		01/1998	-	DELCO REMY	5-409	076
	I 1017 AK with OM 904.911 engine	01/1998	-	BOSCH	1-639	029
		01/1998	-	DELCO REMY	5-409	076
	I 1017 K with OM 904.911 engine	01/1998	-	BOSCH	1-639	029
		01/1998	-	DELCO REMY	5-409	076
	I 1017 KO with OM 904.911 engine	01/1998	-	BOSCH	1-639	029
		01/1998	-	DELCO REMY	5-409	076
	I 1017 L with OM 904.911 engine	01/1998	-	BOSCH	1-639	029
		01/1998	-	DELCO REMY	5-409	076
	I 1017 with OM 904.911 engine	01/1998	-	BOSCH	1-639	029
		01/1998	-	DELCO REMY	5-409	076
	I 1023 L with OM 906.910 engine	01/1998	-	BOSCH	1-639	029
		01/1998	-	DELCO REMY	5-409	076
	I 1023 with OM 906.910 engine	01/1998	-	BOSCH	1-639	029
		01/1998	-	DELCO REMY	5-409	076

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MERCEDES-BENZ		de /from	until	M.Part./Starter	ZM	Pag.
Atego	I 1215 K with OM 904.922 engine	01/1998	-	BOSCH	1-639	029
		01/1998	-	DELCO REMY	5-409	076
	I 1215 L with OM 904.922 engine	01/1998	-	BOSCH	1-639	029
		01/1998	-	DELCO REMY	5-409	076
	I 1215 with OM 904.922 engine	01/1998	-	BOSCH	1-639	029
		01/1998	-	DELCO REMY	5-409	076
	I 1217 K with OM 904.911 engine	01/1998	-	BOSCH	1-639	029
		01/1998	-	DELCO REMY	5-409	076
	I 1217 KO with OM 904.911 engine	01/1998	-	BOSCH	1-639	029
		01/1998	-	DELCO REMY	5-409	076
	I 1217 L with OM 904.911 engine	01/1998	-	BOSCH	1-639	029
		01/1998	-	DELCO REMY	5-409	076
	I 1217 with OM 904.911 engine	01/1998	-	BOSCH	1-639	029
		01/1998	-	DELCO REMY	5-409	076
	I 1223 L with OM 906.910 engine	01/1998	-	BOSCH	1-639	029
		01/1998	-	DELCO REMY	5-409	076
	I 1223 with OM 906.910 engine	01/1998	-	BOSCH	1-639	029
		01/1998	-	DELCO REMY	5-409	076
	I 1225 AF with OM 906.919 engine	01/1998	-	BOSCH	1-639	029
		01/1998	-	DELCO REMY	5-409	076
	I 1225 F with OM 906.919 engine	01/1998	-	BOSCH	1-639	029
		01/1998	-	DELCO REMY	5-409	076
	I 1228 L with OM 906.911 engine	01/1998	-	BOSCH	1-639	029
		01/1998	-	DELCO REMY	5-409	076
	I 1228 with OM 906.911 engine	01/1998	-	BOSCH	1-639	029
		01/1998	-	DELCO REMY	5-409	076
	I 1317 A with OM 904.911 engine	01/1998	-	BOSCH	1-639	029
		01/1998	-	DELCO REMY	5-409	076
	I 1317 AK with OM 904.911 engine	01/1998	-	BOSCH	1-639	029
		01/1998	-	DELCO REMY	5-409	076
	I 1317 K with OM 904.911 engine	01/1998	-	BOSCH	1-639	029
		01/1998	-	DELCO REMY	5-409	076
	I 1317 KO with OM 904.911 engine	01/1998	-	BOSCH	1-639	029
		01/1998	-	DELCO REMY	5-409	076
	I 1317 L with OM 904.911 engine	01/1998	-	BOSCH	1-639	029
		01/1998	-	DELCO REMY	5-409	076
	I 1317 with OM 904.911 engine	01/1998	-	BOSCH	1-639	029
		01/1998	-	DELCO REMY	5-409	076
	I 1323 KO with OM 906.910 engine	01/1998	-	BOSCH	1-639	029
		01/1998	-	DELCO REMY	5-409	076
	I 1323 L with OM 906.910 engine	01/1998	-	BOSCH	1-639	029
		01/1998	-	DELCO REMY	5-409	076
	I 1323 LS with OM 906.910 engine	01/1998	-	BOSCH	1-639	029
		01/1998	-	DELCO REMY	5-409	076
	I 1323 with OM 906.910 engine	01/1998	-	BOSCH	1-639	029
		01/1998	-	DELCO REMY	5-409	076
	I 1325 AF with OM 906.919 engine	01/1998	-	BOSCH	1-639	029
		01/1998	-	DELCO REMY	5-409	076
	I 1325 F with OM 906.919 engine	01/1998	-	BOSCH	1-639	029
		01/1998	-	DELCO REMY	5-409	076
	I 1328 AF with OM 906.919 engine	01/1998	-	BOSCH	1-639	029
		01/1998	-	DELCO REMY	5-409	076
	I 1328 F with OM 906.911 engine	01/1998	-	BOSCH	1-639	029
		01/1998	-	DELCO REMY	5-409	076
	I 1328 L with OM 906.911 engine	01/1998	-	BOSCH	1-639	029
		01/1998	-	DELCO REMY	5-409	076
	I 1328 LS with OM 906.911 engine	01/1998	-	BOSCH	1-639	029
		01/1998	-	DELCO REMY	5-409	076
	I 1328 with OM 906.911 engine	01/1998	-	BOSCH	1-639	029
		01/1998	-	DELCO REMY	5-409	076

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MERCEDES-BENZ		de /from	until	M.Part./Starter	ZM	Pag.
Atego	I 1517 A with OM 904.911 engine	01/1998	-	BOSCH	1-639	029
		01/1998	-	DELCO REMY	5-409	076
	I 1517 K with OM 904.911 engine	01/1998	-	BOSCH	1-639	029
		01/1998	-	DELCO REMY	5-409	076
	I 1517 L with OM 904.911 engine	01/1998	-	BOSCH	1-639	029
		01/1998	-	DELCO REMY	5-409	076
	I 1517 with OM 904.911 engine	01/1998	-	BOSCH	1-639	029
		01/1998	-	DELCO REMY	5-409	076
	I 1523 A with OM 906.910 engine	01/1998	-	BOSCH	1-639	029
		01/1998	-	DELCO REMY	5-409	076
	I 1523 AK with OM 906.910 engine	01/1998	-	BOSCH	1-639	029
		01/1998	-	DELCO REMY	5-409	076
	I 1523 K with OM 906.910 engine	01/1998	-	BOSCH	1-639	029
		01/1998	-	DELCO REMY	5-409	076
	I 1523 KO with OM 906.910 engine	01/1998	-	BOSCH	1-639	029
		01/1998	-	DELCO REMY	5-409	076
	I 1523 L with OM 906.910 engine	01/1998	-	BOSCH	1-639	029
		01/1998	-	DELCO REMY	5-409	076
	I 1523 with OM 906.910 engine	01/1998	-	BOSCH	1-639	029
		01/1998	-	DELCO REMY	5-409	076
Atron	1319	-	-	MITSUBISHI	5-898	164
	2324	-	-	MITSUBISHI	5-898	164
	2729B	-	-	MITSUBISHI	5-898	164
	2729K	-	-	MITSUBISHI	5-898	164
	2729P	-	-	MITSUBISHI	5-898	164
		-	-	MITSUBISHI	3-898	163
Axor	1933 com motor OM 926 eletrônico 24V	-	-	MITSUBISHI	5-898	164
	2533 com motor OM 926 eletrônico 24V	-	-	MITSUBISHI	5-898	164
	2831	-	-	MITSUBISHI	5-898	164
		-	-	MITSUBISHI	3-898	163
C-Class	C 123 Coupè 230 C with M 115.954 engine	05/1977	04/1980	BOSCH	628	026
	C 123 Coupè 280 C with M 110.923 engine	03/1977	03/1980	BOSCH	628	026
	C 123 Coupè 280 CE with M 110.988 engine	03/1977	11/1985	BOSCH	628	026
	C 160 Coupe Kompressor with M 271.921 engine	05/2002	-	BOSCH	2-371	001
	C 180 CGI (204.048)	01/2007	12/2014	MARELLI	3-397	138
	C 180 CGI (204.049)	01/2007	12/2014	MARELLI	3-397	138
	C 180 Coupe Kompressor with M 271.946 engine	05/2002	-	BOSCH	2-371	001
	C 180 Kompressor	01/2007	12/2014	MARELLI	3-397	138
		01/2011	-	DENSO	3-708	106
	C 180 Kompressor (203.046)	01/2002	12/2014	MARELLI	3-397	138
	C 180 Kompressor (203.246)	01/2002	12/2007	MARELLI	3-397	138
	C 180 Kompressor (203.746)	01/2002	12/2011	MARELLI	3-397	138
	C 180 Kompressor (204.044 e 204.045)	01/2008	12/2014	MARELLI	3-397	138
	C 180 Kompressor (204.245)	01/2008	12/2014	MARELLI	3-397	138
	C 180 Kompressor (204.246)	01/2007	12/2014	MARELLI	3-397	138
	C 180 Kompressor W203 with M 271.946 engine	05/2002	-	BOSCH	2-371	001
	C 180 T-Model Kompressor with M 271.946 engine	05/2002	-	BOSCH	2-371	001
	C 200 d	02/1994	-	VALEO	1-590	197
	C 200 CDI	03/1998	05/2000	VALEO	590	196
	C 200 CDI (203.004) with OM 611.962 engine	09/2000	-	BOSCH	6-973	060
		09/2000	-	VALEO	590	196
	C 200 CDI (203.007) with OM 646.962 engine	04/2003	-	BOSCH	6-973	060
	C 200 CDI T-Model (203.204) with OM 611.962	03/2001	-	BOSCH	6-973	060
	C 200 CDI T-Model (203.207) with OM 646.962	04/2003	-	BOSCH	6-973	060
	C 200 CDI T-Model with OM 646.962	03/2001	-	BOSCH	6-973	060
	C 200 CDI T-Modell with OM 611.960 engine	09/1997	03/2001	VALEO	590	196
	C 200 CDI with OM 646.962 engine	02/2001	-	BOSCH	6-973	060
	C 200 CGI Coupe Kompressor w/ M271.942 engine	07/2003	-	BOSCH	2-371	001
	C 200 CGI Kompressor (203.043)	01/2003	12/2014	MARELLI	3-397	138

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MERCEDES-BENZ		de /from	until	M.Part./Starter	ZM	Pag.
C-Class	C 200 CGI Kompressor (203.243)	01/2003	12/2007	MARELLI	3-397	138
	C 200 CGI Kompressor (203.743)	01/2003	12/2011	MARELLI	3-397	138
	C 200 CGI Kompressor W203 w/ M 271.942 engine	07/2003	-	BOSCH	2-371	001
	C 200 CGI T-Model Kompressor w/ M271.942 engine	07/2003	-	BOSCH	2-371	001
	C 200 Coupe Kompressor with M 271.940 engine	05/2002	-	BOSCH	2-371	001
	C 200 D with OM 601.913 engine	03/1993	05/2000	VALEO	590	196
	C 200 D with OM 601.915 engine	03/1993	05/2000	VALEO	590	196
	C 200 DT	02/1994	-	VALEO	1-590	197
	C 200 Kompressor	01/2007	-	DENSO	2-708	106
		01/2009	-	DENSO	3-708	106
	C 200 Kompressor (203.042)	01/2002	12/2014	MARELLI	3-397	138
	C 200 Kompressor (203.242)	01/2002	12/2007	MARELLI	3-397	138
	C 200 Kompressor (203.730)	01/2002	12/2011	MARELLI	3-397	138
	C 200 Kompressor (203.742)	01/2002	12/2011	MARELLI	3-397	138
	C 200 Kompressor (204.041)	01/2007	12/2014	MARELLI	3-397	138
	C 200 Kompressor (204.248)	01/2007	12/2014	MARELLI	3-397	138
	C 200 Kompressor W203 with M 271.940 engine	05/2002	-	BOSCH	2-371	001
	C 200 T-Model Kompressor with M271.940 engine	05/2002	-	BOSCH	2-371	001
	C 220 CDI (203.006) with OM 611.962 engine	05/2000	-	BOSCH	6-973	060
	C 220 CDI (203.008) with OM 646.963 engine	02/2004	-	BOSCH	6-973	060
	C 220 CDI Coupe (203.706) with OM 611.962 engine	03/2001	-	BOSCH	6-973	060
	C 220 CDI T-Model (203.206) with OM 611.962	03/2001	-	BOSCH	6-973	060
	C 220 CDI T-Model (203.208) with OM 646.963	02/2004	-	BOSCH	6-973	060
	C 220 CDI with OM 611.960 engine	09/1997	05/2000	VALEO	590	196
	C 220 D	02/1994	06/1999	VALEO	1-590	197
	C 220 D with OM 604.910 engine	08/1993	05/2000	VALEO	590	196
	C 220 DT	02/1994	06/1999	VALEO	1-590	197
	C 220 Kompressor	03/2003	12/2008	DENSO	2-708	106
		12/2008	-	DENSO	3-708	106
	C 230 Coupe Kompressor with M 271.948 engine	05/2002	-	BOSCH	2-371	001
	C 230 Kompressor (203.040)	01/2004	12/2014	MARELLI	3-397	138
	C 230 Kompressor (203.240)	01/2004	12/2007	MARELLI	3-397	138
	C 230 Kompressor (203.740)	01/2002	12/2011	MARELLI	3-397	138
	C 230 Kompressor W203 with M 271.948 engine	02/2004	-	BOSCH	2-371	001
	C 230 T-Model Kompressor with M271.948 engine	02/2004	-	BOSCH	2-371	001
	C 250 Kompressor	08/2008	-	DENSO	3-708	106
	C 250 CGI (204.047)	01/2009	12/2014	MARELLI	3-397	138
	C 250 CGI (204.247)	01/2009	12/2014	MARELLI	3-397	138
	C 250 D with OM 605.910 engine	05/1993	05/2000	VALEO	590	196
	C 250 DT	01/1996	-	VALEO	1-590	197
	C 270 CDI (203.016) with OM 612.962 engine	12/2000	-	BOSCH	6-973	060
	C 270 CDI T-Model (203.216) with OM 612.962	03/2001	-	BOSCH	6-973	060
	C 280	05/1993	05/1997	BOSCH	874	052
	C 30 CDI AMG (203.018) with OM 612.990 engine	01/2003	-	BOSCH	6-973	060
	C 30 CDI AMG Coupe (203.718) with OM 612.990 engine	09/2002	-	BOSCH	6-973	060
	C 30 CDI AMG T-Model (203.218) with OM 612.990	01/2003	-	BOSCH	6-973	060
	C 320	07/1989	05/1996	BOSCH	874	052
	C 36 AMG	01/1994	05/1997	BOSCH	874	052
CLC-Class	CLC 180 Kompressor (203.746)	01/2008	12/2014	MARELLI	3-397	138
	CLC 200	-	-	DENSO	2-708	106
	CLC 200 Kompressor (203.741)	01/2008	12/2014	MARELLI	3-397	138
	CLC 220	05/2008	06/2011	DENSO	2-708	106
CLK-Class	CLK 200 CGI	07/2003	-	BOSCH	2-371	001
	CLK 200 CGI (209.343)	01/2003	12/2014	MARELLI	3-397	138
	CLK 200 CGI Convertible with M 271.942 engine	07/2003	-	BOSCH	2-371	001
	CLK 200 Kompressor	09/2002	-	BOSCH	2-371	001
	CLK 200 Kompressor (209.341)	01/2006	12/2014	MARELLI	3-397	138
	CLK 200 Kompressor (209.342)	01/2002	12/2014	MARELLI	3-397	138
	CLK 200 Kompressor (209.441)	01/2006	12/2014	MARELLI	3-397	138

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CLK-Class	CLK 200 Kompressor (209.442)	01/2003	12/2014	MARELLI	3-397	138
	CLK 200 Kompressor Convertible with M 271.940 engine	02/2003	-	BOSCH	2-371	001
	CLK 220	01/2005	05/2009	DENSO	2-708	106
	CLK 270 CDI (209.316) with OM 612.962 e 612.967	10/2002	-	BOSCH	6-973	060
Caminhão	com motor 0321-H	12/1973	-	WAPSA	504	202
	com motor 0321-H2	12/1973	-	WAPSA	504	202
	com motor CP-312	12/1973	-	WAPSA	504	202
	com motor CP-321	12/1973	-	WAPSA	504	202
E-Class	E 190 2.3 com motor M 102.985	09/1986	08/1992	BOSCH	1-474	009
	E 200 Kompressor	04/2006	-	DENSO	2-708	106
	E 200 CDI	06/1993	06/1995	VALEO	590	196
	E 200 CDI (211.004) with OM 646.951	07/2002	-	BOSCH	6-973	060
	E 200 CGI (212.048 e 212.148)	01/2009	12/2014	MARELLI	3-397	138
	E 200 CGI (212.248)	01/2009	12/2014	MARELLI	3-397	138
	E 200 CGI (212.448)	01/2010	12/2012	MARELLI	3-397	138
	E 200 D	03/1997	01/2002	VALEO	1-590	197
	E 200 Kompressor (211.041)	01/2006	12/2008	MARELLI	3-397	138
	E 200 Kompressor (211.042)	01/2002	12/2008	MARELLI	3-397	138
	E 200 Kompressor (211.241)	01/2006	12/2009	MARELLI	3-397	138
	E 200 Kompressor T-Model with M 271.941 engine	03/2003	-	BOSCH	2-371	001
	E 200 Kompressor W211 with M 271.941 engine	11/2002	-	BOSCH	2-371	001
	E 200 NGT (211.041)	01/2004	12/2008	MARELLI	3-397	138
	E 200 T Kompressor (211.242)	01/2003	12/2009	MARELLI	3-397	138
	E 220 CDI (211.006) with OM 646.961	03/2002	-	BOSCH	6-973	060
	E 220 Kompressor	03/2003	12/2008	DENSO	2-708	106
		12/2008	-	DENSO	3-708	106
	E 220 CDI T-Model (211.206) with OM 646.961	03/2003	-	BOSCH	6-973	060
	E 220 D	03/1996	01/2002	VALEO	1-590	197
	E 220 T CDI	06/1998	-	VALEO	590	196
	E 220 T CDI T-Model (211.206) with OM 646.961	03/2003	-	BOSCH	6-973	060
	E 250 Kompressor	01/2009	-	DENSO	3-708	106
	E 250 CGI (207.347)	01/2009	12/2014	MARELLI	3-397	138
	E 250 CGI (212.047 e 212.147)	01/2009	12/2014	MARELLI	3-397	138
	E 250 CGI (212.247)	01/2009	12/2014	MARELLI	3-397	138
	E 250 CGI (212.447)	01/2010	12/2012	MARELLI	3-397	138
	E 250 D	01/1996	01/2002	VALEO	1-590	197
	E 250 DT	01/1996	01/2002	VALEO	1-590	197
	E 250 T D with OM 605.911 engine	06/1993	06/1996	VALEO	590	196
	E 270 CDI (210.016) with OM 612.961	07/1999	03/2002	BOSCH	6-973	060
	E 270 CDI (211.016) with OM 647.961	03/2002	-	BOSCH	6-973	060
	E 270 T CDI Estate (210.216) with OM 612.961	07/1999	03/2003	BOSCH	6-973	060
	E 270 T CDI T-Model (211.216) with OM 647.961	03/2003	-	BOSCH	6-973	060
	E 280	07/1993	05/1996	BOSCH	874	052
	E 280 CDI (211.023) with OM 648.961	05/2004	-	BOSCH	6-973	060
	E 280 T CDI T-Model (211.223) with OM 648.961	05/2004	-	BOSCH	6-973	060
	E 290 TD	01/1996	01/2002	VALEO	1-590	197
	E 300 D (124.131) with OM 606.910	07/1993	06/1995	BOSCH	6-973	060
	E 300 D (210.020) with OM 606.912	06/1995	06/1997	BOSCH	6-973	060
	E 300 T D Estate (124.191) with OM 606.910	06/1993	06/1996	BOSCH	6-973	060
	E 300 T D with OM 606.910 engine	06/1993	06/1996	VALEO	590	196
	E 300 T Turbo D Estate (210.225) with OM 606.962	12/1996	07/1999	BOSCH	6-973	060
	E 300 T Turbo D with OM 603.960 engine	06/1993	06/1996	VALEO	590	196
	E 300 T Turbo D with OM 603.963 engine	06/1993	06/1996	VALEO	590	196
	E 300 Turbo D (210.025) with OM 606.962	12/1996	07/1999	BOSCH	6-973	060
	E 320 CDI (210.026) with OM 613.961	07/1999	03/2002	BOSCH	6-973	060
	E 320 CDI (211.026) with OM 648.961	11/2002	-	BOSCH	6-973	060
	E 320 T CDI Estate (210.226) with OM 613.961	07/1999	03/2003	BOSCH	6-973	060
	E 320 T CDI T-Model (211.226) with OM 648.961	03/2003	-	BOSCH	6-973	060
	E 36 AMG	03/1994	06/1998	BOSCH	874	052

TABELA DE APLICAÇÃO
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MERCEDES-BENZ		de /from	until	M.Part./Starter	ZM	Pag.
G-Class	G 230 GE Cabrio with M 102.989 engine	06/1990	02/1993	BOSCH	1-674	036
	G 230 with M 115.973 engine	03/1979	07/1993	BOSCH	1-674	036
		03/1979	07/1993	BOSCH	628	026
	G 270 CDI (463.322, 463.323) with OM 612.966	10/2001	-	BOSCH	6-973	060
	G 290 D with OM 602.942 engine	04/1992	-	BOSCH	1-674	036
	G 290 TD with OM 602.983 engine	07/1997	-	BOSCH	1-674	036
	G 300 GD Cabrio with OM 603.931 engine	12/1990	09/1997	BOSCH	1-674	036
	G 300 GE Cabrio with M 103.987 engine	09/1989	09/1997	BOSCH	1-674	036
	G 300 TD (463.308) Cabrio with OM 606.964	09/1996	-	BOSCH	6-973	060
	G 300 TD (463.330, 463.331) with OM 606.964	08/1996	-	BOSCH	6-973	060
	G 320	08/1993	11/1997	BOSCH	874	052
	G 350 Turbo-D Cabrio with OM 603.972 engine	09/1991	09/1997	BOSCH	1-674	036
	G 350 Turbo-D with OM 603.972 engine	09/1991	-	BOSCH	1-674	036
	GD 240 with OM 616.936 engine	12/1979	12/1991	BOSCH	544	018
		12/1979	12/1991	BOSCH	744	043
	GD 250 with OM 602.930 engine	10/1987	12/1992	BOSCH	1-674	036
	GD 250 with OM 602.931 engine	06/1990	-	BOSCH	1-674	036
	GD 290 with OM 602.942 engine	04/1992	-	BOSCH	544	018
		04/1992	-	BOSCH	744	043
	GD 300 with OM 603.931 engine	09/1989	-	BOSCH	1-674	036
	GD 300 with OM 617.931 engine	12/1979	12/1991	BOSCH	544	018
		12/1979	12/1991	BOSCH	744	043
	GE 230 with M 102.979 engine	05/1987	-	BOSCH	1-674	036
	GE 230 with M 102.981 engine	04/1982	08/1992	BOSCH	1-674	036
	GE 230 with M 102.987 engine	05/1987	08/1992	BOSCH	1-674	036
	GE 230 with M 102.989 engine	06/1990	06/1993	BOSCH	1-674	036
	GE 230 with M 102.996 engine	06/1993	-	BOSCH	1-674	036
	GE 230 with M 102.997 engine	06/1993	-	BOSCH	1-674	036
	GE 280	-	-	BOSCH	772	043
	GE 280 with M 110.994 engine	11/1979	08/1989	BOSCH	772	043
	GE 300 with M 103.987 engine	06/1990	-	BOSCH	1-674	036
GLK-Class	GLK 200 Kompressor	07/2010	-	DENSO	3-708	106
	GLK 220 Kompressor	12/2008	-	DENSO	3-708	106
	GLK 250 Kompressor	09/2009	-	DENSO	3-708	106
Heavy Duty Trucks	2000 MBE900 (6.4L)	-	-	DELCO REMY	817	090
Henshel	2 t 206 D 2.2 with OM 615.917 engine	02/1973	12/1977	BOSCH	544	018
		02/1973	12/1977	BOSCH	744	043
	2 t 206 D 2.2 with OM 615.937 engine	02/1973	12/1977	BOSCH	544	018
		02/1973	12/1977	BOSCH	744	043
	2 t 206 D 2.2 with OM 615.939 engine	02/1973	12/1977	BOSCH	544	018
		02/1973	12/1977	BOSCH	744	043
Kombi	Estate 240 TD with OM 616.912 engine	09/1977	12/1985	BOSCH	544	018
		09/1977	12/1985	BOSCH	744	043
	Estate 300 T Turbo-D with OM 617.952 engine	10/1980	11/1985	BOSCH	544	018
		10/1980	11/1985	BOSCH	744	043
	Estate 300 TD with OM 617.912 engine	09/1977	12/1985	BOSCH	544	018
		09/1977	12/1985	BOSCH	744	043
L 1013	com motor OM 352	01/1974	05/1979	BOSCH	531	014
		01/1974	05/1979	BOSCH	531	015
		01/1974	05/1979	BOSCH	631	027
L 1111	com motor OM 352	10/1976	12/1980	BOSCH	531	014
		10/1976	12/1980	BOSCH	531	015
		10/1976	12/1980	BOSCH	631	027
L 1116	com motor OM 352 A	08/1978	-	BOSCH	531	014
		08/1978	-	BOSCH	531	015
		08/1978	-	BOSCH	631	027
		08/1978	-	BOSCH	3-571	021
	with OM 352 A engine	08/1978	-	BOSCH	3-571	021
L 1117	com motor OM 352 A	11/1983	-	BOSCH	531	014

TABELA DE APLICAÇÃO
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MERCEDES-BENZ		de /from	until	M.Part./Starter	ZM	Pag.
L 1117	com motor OM 352 A	11/1983	-	BOSCH	531	015
		11/1983	-	BOSCH	631	027
		08/1983	-	BOSCH	3-571	021
	with OM 352 A engine	08/1983	-	BOSCH	3-571	021
L 1215		-	-	PRESTOLITE	802	179
L 1217	com motor OM 366 A	07/1995	-	BOSCH	536	016
		07/1995	-	BOSCH	636	028
		07/1995	-	BOSCH	9-636	028
		07/1995	-	BOSCH	3-571	021
	with OM 366 A engine	07/1995	-	BOSCH	3-571	021
L 1414	com motor OM 366	04/1989	-	BOSCH	536	016
		04/1989	-	BOSCH	636	028
		04/1989	-	BOSCH	9-636	028
		04/1989	-	BOSCH	3-571	021
	with OM 366 engine	04/1989	-	BOSCH	3-571	021
L 1420	com motor OM 366 LA	06/2001	-	BOSCH	3-571	021
	with OM 366 LA engine	06/2001	-	BOSCH	3-571	021
L 1615		-	-	PRESTOLITE	802	179
L 1621	com motor OM 366 LA	04/1989	-	BOSCH	536	016
		04/1989	-	BOSCH	636	028
		04/1989	-	BOSCH	9-636	028
		08/1989	-	BOSCH	3-571	021
	with OM 366 LA engine	08/1989	-	BOSCH	3-571	021
L 1622	com motor OM 924 LA	07/2001	-	BOSCH	1-639	029
		07/2001	-	DELCO REMY	5-409	076
		-	-	PRESTOLITE	802	179
L 1717	com motor OM 366 A	07/1995	-	BOSCH	3-571	021
	with OM 366 A engine	07/1995	-	BOSCH	3-571	021
L 2635	com motor OM 447 LA	09/1992	-	BOSCH	832	050
L 408 DG		02/1973	12/1974	BOSCH	645	033
L 508 DG		02/1973	12/1987	BOSCH	645	033
L-1113	com motor OM 352	01/1974	-	BOSCH	531	014
		01/1974	-	BOSCH	531	015
		04/1975	09/1976	BOSCH	534	015
		01/1974	-	BOSCH	631	027
		01/1974	04/1987	BOSCH	3-571	021
	com motor OM 352 A	04/1975	06/1987	BOSCH	531	014
		04/1975	06/1987	BOSCH	531	015
		04/1975	06/1987	BOSCH	631	027
		01/1974	06/1987	BOSCH	3-571	021
	with OM 352 A engine	01/1974	06/1987	BOSCH	3-571	021
	with OM 352 engine	01/1974	04/1987	BOSCH	3-571	021
L-1114	com motor OM 352	06/1987	-	BOSCH	531	014
		06/1987	-	BOSCH	531	015
		06/1987	-	BOSCH	631	027
		06/1987	-	BOSCH	3-571	021
	com motor OM 352 A	07/1987	-	BOSCH	531	014
		07/1987	-	BOSCH	531	015
		07/1987	-	BOSCH	631	027
		07/1987	-	BOSCH	3-571	021
	com motor OM 364 LA	10/1994	-	BOSCH	531	014
		10/1994	-	BOSCH	531	015
		10/1994	-	BOSCH	631	027
		10/1994	-	BOSCH	3-571	021
	with OM 352 A engine	07/1987	-	BOSCH	3-571	021
	with OM 352 engine	06/1987	-	BOSCH	3-571	021
	with OM 364 LA engine	10/1994	-	BOSCH	3-571	021
		-	-	PRESTOLITE	802	179
L-1118	com motor OM 352 A	06/1987	-	BOSCH	531	014

TABELA DE APLICAÇÃO
APPLICATION CHART

MERCEDES-BENZ		de /from	until	M.Part./Starter	ZM	Pag.
L-1118	com motor OM 352 A	06/1987	-	BOSCH	531	015
		06/1987	-	BOSCH	631	027
		06/1987	-	BOSCH	3-571	021
	with OM 352 A engine	06/1987	-	BOSCH	3-571	021
L-1214	com motor OM 366	04/1989	-	BOSCH	536	016
		04/1989	-	BOSCH	636	028
		04/1989	-	BOSCH	9-636	028
		04/1989	-	BOSCH	3-571	021
	with OM 366 engine	04/1989	-	BOSCH	3-571	021
L-1218	com motor OM 366 A	05/1996	-	BOSCH	531	014
		05/1996	-	BOSCH	531	015
		04/1989	-	BOSCH	536	016
		05/1996	-	BOSCH	631	027
		04/1989	-	BOSCH	636	028
		04/1989	-	BOSCH	9-636	028
		04/1989	-	BOSCH	3-571	021
	com motor OM 366 A Euro 1	04/1998	-	BOSCH	536	016
		04/1998	-	BOSCH	636	028
		04/1998	-	BOSCH	9-636	028
		04/1998	-	BOSCH	3-571	021
	com motor OM 904 LA	07/2001	-	BOSCH	1-639	029
		07/2001	-	DELCO REMY	5-409	076
	with OM 366 A Euro 1 engine	04/1998	-	BOSCH	3-571	021
	with OM 366 A engine	04/1989	-	BOSCH	3-571	021
L-1313	A com motor OM 352 A	04/1975	-	BOSCH	531	014
		04/1975	-	BOSCH	531	015
		04/1975	-	BOSCH	631	027
		01/1974	-	BOSCH	3-571	021
	A with OM 352 A engine	01/1974	-	BOSCH	3-571	021
	com motor OM 352	01/1974	10/1983	BOSCH	531	014
		01/1974	10/1983	BOSCH	531	015
		04/1975	09/1976	BOSCH	534	015
		01/1974	10/1983	BOSCH	631	027
		01/1974	04/1987	BOSCH	3-571	021
	com motor OM 352 A	04/1975	06/1987	BOSCH	531	014
		04/1975	06/1987	BOSCH	531	015
		04/1975	06/1987	BOSCH	631	027
		01/1974	06/1987	BOSCH	3-571	021
	with OM 352 A engine	01/1974	06/1987	BOSCH	3-571	021
	with OM 352 engine	01/1974	04/1987	BOSCH	3-571	021
L-1314	com motor OM 352	07/1987	-	BOSCH	3-571	021
	com motor OM 352 A	07/1987	-	BOSCH	531	014
		07/1987	-	BOSCH	531	015
		07/1987	-	BOSCH	631	027
	with OM 352 engine	07/1987	-	BOSCH	3-571	021
L-1316	A com motor OM 352 A	03/1974	-	BOSCH	531	014
		03/1974	-	BOSCH	531	015
		03/1974	-	BOSCH	631	027
		01/1974	-	BOSCH	3-571	021
	A with OM 352 A engine	01/1974	-	BOSCH	3-571	021
	com motor OM 352 A	04/1975	-	BOSCH	531	014
		04/1975	-	BOSCH	531	015
		04/1975	09/1976	BOSCH	534	015
		04/1975	-	BOSCH	631	027
		03/1974	-	BOSCH	3-571	021
	with OM 352 A engine	03/1974	-	BOSCH	3-571	021
L-1317	com motor OM 352 A	08/1983	-	BOSCH	531	014
		08/1983	-	BOSCH	531	015
		12/1985	-	BOSCH	547	019
		08/1983	-	BOSCH	631	027

TABELA DE APLICAÇÃO
APPLICATION CHART

MERCEDES-BENZ		de /from	until	M.Part./Starter	ZM	Pag.
L-1317	com motor OM 352 A	12/1985	-	BOSCH	637	028
		12/1985	-	BOSCH	9-637	029
		08/1983	-	BOSCH	3-571	021
	with OM 352 A engine	08/1983	-	BOSCH	3-571	021
		-	-	BOSCH	5-671	035
L-1318	com motor OM 352 A	06/1987	-	BOSCH	531	014
		06/1987	-	BOSCH	531	015
		06/1987	-	BOSCH	631	027
		06/1987	-	BOSCH	3-571	021
	com motor OM 904 eletrônico 24V	-	-	DELCO REMY	2-818	091
	com motor OM 906 eletrônico 24V	-	-	DELCO REMY	2-818	091
	com motor OM 924 eletrônico 24V	-	-	DELCO REMY	2-818	091
	com motor OM 926 eletrônico 24V	-	-	DELCO REMY	2-818	091
	with 24V electronic OM 904 engine	-	-	DELCO REMY	2-818	091
	with 24V electronic OM 906 engine	-	-	DELCO REMY	2-818	091
	with 24V electronic OM 924 engine	-	-	DELCO REMY	2-818	091
	with 24V electronic OM 926 engine	-	-	DELCO REMY	2-818	091
	with OM 352 A engine	06/1987	-	BOSCH	3-571	021
L-1319	4x2 Motor OM 366 LA	12/1985	12/2001	BOSCH	3-571	021
	with OM 366 LA engine	12/1985	12/2001	BOSCH	3-571	021
L-1418	4x2 Motor OM 366 A TB	05/1996	-	BOSCH	531	014
		05/1996	-	BOSCH	531	015
		04/1989	-	BOSCH	536	016
		05/1996	-	BOSCH	631	027
		04/1989	-	BOSCH	636	028
		04/1989	-	BOSCH	9-636	028
		04/1989	-	BOSCH	3-571	021
	com motor OM 366 A Euro 1	04/1998	-	BOSCH	536	016
		04/1998	-	BOSCH	636	028
		04/1998	-	BOSCH	9-636	028
		04/1998	-	BOSCH	3-571	021
	com motor OM 904 LA	07/2001	-	BOSCH	1-639	029
		07/2001	-	DELCO REMY	5-409	076
	with OM 366 A Euro 1 engine	04/1998	-	BOSCH	3-571	021
	with OM 366 A engine	04/1989	-	BOSCH	3-571	021
L-1513	com motor OM 352	11/1983	04/1987	BOSCH	531	014
		11/1983	04/1987	BOSCH	531	015
		04/1975	09/1976	BOSCH	534	015
		11/1983	04/1987	BOSCH	631	027
		01/1974	04/1987	BOSCH	3-571	021
L-1516	com motor OM 352 A	03/1974	-	BOSCH	531	014
		03/1974	-	BOSCH	531	015
		04/1975	09/1976	BOSCH	534	015
		03/1974	-	BOSCH	631	027
		01/1974	-	BOSCH	3-571	021
	with OM 352 A engine	01/1974	-	BOSCH	3-571	021
L-1517	com motor OM 352 A	06/1986	05/1989	BOSCH	531	014
		06/1986	05/1989	BOSCH	531	015
		12/1985	05/1989	BOSCH	547	019
		06/1986	05/1989	BOSCH	631	027
		12/1985	05/1989	BOSCH	637	028
		12/1985	05/1989	BOSCH	9-637	029
		06/1986	05/1989	BOSCH	3-571	021
		-	-	BOSCH	5-671	035
L-1518	com motor OM 352 A	06/1987	-	BOSCH	531	014
		06/1987	-	BOSCH	531	015
		06/1987	-	BOSCH	631	027
		06/1987	12/1997	BOSCH	3-571	021
	with OM 352 A engine	06/1987	12/1997	BOSCH	3-571	021
L-1614	com motor OM 366					

TABELA DE APLICAÇÃO
APPLICATION CHART

MERCEDES-BENZ		de /from	until	M.Part./Starter	ZM	Pag.
L-1614	com motor OM 366	04/1989	-	BOSCH	536	016
		04/1989	-	BOSCH	636	028
		04/1989	-	BOSCH	9-636	028
		04/1989	-	BOSCH	3-571	021
	with OM 366 engine	04/1989	-	BOSCH	3-571	021
L-1618	4x2 Motor OM 366 A	04/1989	-	BOSCH	536	016
		04/1989	-	BOSCH	636	028
		04/1989	-	BOSCH	9-636	028
		04/1989	-	BOSCH	3-571	021
	M com motor OM 904 LA	10/1998	-	BOSCH	1-639	029
		10/1998	-	DELCO REMY	5-409	076
	with OM 366 A engine	04/1989	-	BOSCH	3-571	021
L-1620	4x2 Motor OM 366 LA TB	06/1996	-	BOSCH	531	014
		06/1996	-	BOSCH	531	015
		06/1996	-	BOSCH	631	027
		06/1996	-	BOSCH	3-571	021
	com motor OM 364 12V	-	-	DELCO REMY	3-407	071
		-	-	DELCO REMY	805	087
		-	-	DELCO REMY	818	090
	com motor OM 366 12V	-	-	DELCO REMY	3-407	071
		-	-	DELCO REMY	805	087
		-	-	DELCO REMY	818	090
	com motor OM 904 eletrônico 24V	-	-	DELCO REMY	2-818	091
	com motor OM 906 eletrônico 24V	-	-	DELCO REMY	2-818	091
	com motor OM 924 eletrônico 24V	-	-	DELCO REMY	2-818	091
	com motor OM 926 eletrônico 24V	-	-	DELCO REMY	2-818	091
	with 12V OM 364 engine	-	-	DELCO REMY	818	090
	with 12V OM 366 engine	-	-	DELCO REMY	818	090
	with 24V electronic OM 904 engine	-	-	DELCO REMY	2-818	091
	with 24V electronic OM 906 engine	-	-	DELCO REMY	2-818	091
	with 24V electronic OM 924 engine	-	-	DELCO REMY	2-818	091
	with 24V electronic OM 926 engine	-	-	DELCO REMY	2-818	091
	with OM 366 LA engine	06/1996	-	BOSCH	3-571	021
		-	-	PRESTOLITE	802	179
L-2013	com motor OM 352	01/1974	04/1987	BOSCH	531	014
		01/1974	04/1987	BOSCH	531	015
		04/1975	09/1976	BOSCH	534	015
		01/1974	04/1987	BOSCH	631	027
		01/1974	04/1987	BOSCH	3-571	021
	com motor OM 352 A	04/1975	06/1987	BOSCH	531	014
		04/1975	06/1987	BOSCH	531	015
		04/1975	06/1987	BOSCH	549	019
		04/1975	06/1987	BOSCH	631	027
		01/1974	06/1987	BOSCH	3-571	021
	with OM 352 A engine	01/1974	06/1987	BOSCH	3-571	021
	with OM 352 engine	01/1974	04/1987	BOSCH	3-571	021
L-2014	com motor OM 352 A	07/1987	-	BOSCH	531	014
		07/1987	-	BOSCH	531	015
		07/1987	-	BOSCH	631	027
		07/1987	-	BOSCH	3-571	021
	with OM 352 A engine	07/1987	-	BOSCH	3-571	021
L-2016	com motor OM 352 A	04/1975	-	BOSCH	531	014
		04/1975	-	BOSCH	531	015
		04/1975	09/1976	BOSCH	534	015
		04/1975	09/1976	BOSCH	549	019
		04/1975	-	BOSCH	631	027
		01/1974	-	BOSCH	3-571	021
	with OM 352 A engine	01/1974	-	BOSCH	3-571	021
L-2213	com motor OM 352	01/1974	04/1987	BOSCH	531	014

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MERCEDES-BENZ		de /from	until	M.Part./Starter	ZM	Pag.
L-2213	com motor OM 352	01/1974	04/1987	BOSCH	531	015
		04/1975	09/1976	BOSCH	534	015
		01/1974	04/1987	BOSCH	631	027
		01/1974	04/1987	BOSCH	3-571	021
	com motor OM 352 A	04/1975	06/1987	BOSCH	531	014
		04/1975	06/1987	BOSCH	531	015
		04/1975	09/1976	BOSCH	549	019
		04/1975	06/1987	BOSCH	631	027
		01/1974	06/1987	BOSCH	3-571	021
	with OM 352 A engine	01/1974	06/1987	BOSCH	3-571	021
	with OM 352 engine	01/1974	04/1987	BOSCH	3-571	021
L-2214	com motor OM 352	07/1987	-	BOSCH	531	014
		07/1987	-	BOSCH	531	015
		07/1987	-	BOSCH	631	027
		07/1987	-	BOSCH	3-571	021
	with OM 352 engine	07/1987	-	BOSCH	3-571	021
L-2215	com motor M 352-O álcool	01/1984	12/1998	BOSCH	531	014
		01/1984	12/1998	BOSCH	531	015
		01/1984	12/1986	BOSCH	549	019
		01/1984	12/1998	BOSCH	631	027
L-2216	com motor M 352-O álcool	01/1987	-	BOSCH	531	014
		01/1987	-	BOSCH	531	015
		01/1987	-	BOSCH	549	019
		01/1987	-	BOSCH	631	027
	com motor OM 352 A	03/1974	-	BOSCH	531	014
		03/1974	-	BOSCH	531	015
		04/1975	09/1976	BOSCH	534	015
		03/1974	09/1976	BOSCH	549	019
		03/1974	-	BOSCH	631	027
		01/1974	-	BOSCH	3-571	021
	with OM 352 A engine	01/1974	-	BOSCH	3-571	021
L-2217	com motor OM 352 A	04/1985	-	BOSCH	531	014
		04/1985	-	BOSCH	531	015
		04/1985	-	BOSCH	631	027
		11/1985	-	BOSCH	3-571	021
	with OM 352 A engine	11/1985	-	BOSCH	3-571	021
L-2314	com motor OM 366	09/1989	-	BOSCH	531	014
		09/1989	-	BOSCH	531	015
		09/1989	-	BOSCH	631	027
		09/1989	-	BOSCH	3-571	021
	with OM 366 engine	09/1989	-	BOSCH	3-571	021
L-2318	com motor OM 366 A	07/1989	-	BOSCH	3-571	021
	with OM 366 A engine	07/1989	-	BOSCH	3-571	021
L-608 D	com motor OM 314	09/1973	01/1987	BOSCH	531	014
		09/1973	01/1987	BOSCH	531	015
		09/1973	01/1987	BOSCH	631	027
		09/1973	01/1987	BOSCH	3-571	021
	with OM 314 engine	09/1973	01/1987	BOSCH	3-571	021
		02/1973	03/1987	BOSCH	645	033
		-	-	PRESTOLITE	802	179
L-610	com motor M 314-O álcool	01/1984	07/1989	BOSCH	531	014
		01/1984	07/1989	BOSCH	531	015
		01/1984	07/1989	BOSCH	631	027
L-708 E	com motor OM 314	02/1987	12/1990	BOSCH	531	014
		02/1987	12/1990	BOSCH	531	015
		02/1987	12/1990	BOSCH	631	027
		02/1987	12/1990	BOSCH	3-571	021
	with OM 314 engine	02/1987	12/1990	BOSCH	3-571	021
L-709		-	-	PRESTOLITE	802	179

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MERCEDES-BENZ		de /from	until	M.Part./Starter	ZM	Pag.
L-710		-	-	PRESTOLITE	802	179
L-912		-	-	PRESTOLITE	802	179
L-913		-	-	PRESTOLITE	802	179
LA-1113	com motor OM 352	11/1983	-	BOSCH	531	014
		11/1983	-	BOSCH	531	015
		11/1983	-	BOSCH	631	027
		01/1974	-	BOSCH	3-571	021
	with OM 352 engine	01/1974	-	BOSCH	3-571	021
LA-1117	com motor OM 352 A	11/1983	-	BOSCH	531	014
		11/1983	-	BOSCH	531	015
		11/1983	-	BOSCH	631	027
		08/1983	-	BOSCH	3-571	021
	with OM 352 A engine	08/1983	-	BOSCH	3-571	021
LA-1313	com motor OM 352	11/1983	04/1987	BOSCH	531	014
		11/1983	04/1987	BOSCH	531	015
		11/1983	04/1987	BOSCH	631	027
		01/1974	04/1987	BOSCH	3-571	021
LA-1513	com motor OM 352	01/1974	04/1987	BOSCH	531	014
		01/1974	04/1987	BOSCH	531	015
		01/1974	04/1987	BOSCH	631	027
		01/1974	04/1987	BOSCH	3-571	021
	with OM 352 engine	01/1974	04/1987	BOSCH	3-571	021
LA-2013	com motor OM 352	01/1974	04/1987	BOSCH	531	014
		01/1974	04/1987	BOSCH	531	015
		01/1974	04/1987	BOSCH	631	027
		01/1974	08/1987	BOSCH	3-571	021
	with OM 352 engine	01/1974	08/1987	BOSCH	3-571	021
LA-2213	com motor OM 352	01/1974	04/1987	BOSCH	531	014
		01/1974	04/1987	BOSCH	531	015
		01/1974	04/1987	BOSCH	631	027
		01/1974	04/1987	BOSCH	3-571	021
	with OM 352 engine	01/1974	04/1987	BOSCH	3-571	021
LB-2218	com motor OM 352 A	06/1987	-	BOSCH	531	014
		06/1987	-	BOSCH	531	015
		06/1987	-	BOSCH	631	027
		06/1987	-	BOSCH	3-571	021
	with OM 352 A engine	06/1987	-	BOSCH	3-571	021
LB-2318	com motor OM 366 A	05/1990	-	BOSCH	531	014
		05/1990	-	BOSCH	531	015
		05/1990	-	BOSCH	631	027
		05/1990	-	BOSCH	3-571	021
	with OM 366 A engine	05/1990	-	BOSCH	3-571	021
LK 2218	com motor OM 352 A	06/1987	-	BOSCH	3-571	021
	with OM 352 A engine	06/1987	-	BOSCH	3-571	021
LK 2318	com motor OM 366 A	02/1990	-	BOSCH	531	014
		02/1990	-	BOSCH	531	015
		02/1990	-	BOSCH	631	027
		02/1990	-	BOSCH	3-571	021
	with OM 366 A engine	02/1990	-	BOSCH	3-571	021
LO-708 E	com motor OM 314	02/1987	12/1990	BOSCH	531	014
		02/1987	12/1990	BOSCH	531	015
		02/1987	12/1990	BOSCH	631	027
		02/1987	12/1990	BOSCH	3-571	021
	with OM 314 engine	02/1987	12/1990	BOSCH	3-571	021
LO-712	com motor OM 364 12V	-	-	DELCO REMY	2-407	071
		-	-	DELCO REMY	3-407	071
		-	-	DELCO REMY	818	090
	com motor OM 366 12V	-	-	DELCO REMY	2-407	071
		-	-	DELCO REMY	3-407	071

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MERCEDES-BENZ		de /from	until	M.Part./Starter	ZM	Pag.
LO-712	com motor OM 366 12V	-	-	DELCO REMY	818	090
	with 12V OM 364 engine	-	-	DELCO REMY	2-407	071
		-	-	DELCO REMY	3-407	071
		-	-	DELCO REMY	818	090
	with 12V OM 366 engine	-	-	DELCO REMY	2-407	071
		-	-	DELCO REMY	3-407	071
		-	-	DELCO REMY	818	090
LO-809	com motor OM 364	03/1988	-	BOSCH	3-571	021
	com motor OM 374.907 (364)	03/1988	-	BOSCH	531	014
		03/1988	-	BOSCH	531	015
		03/1988	-	BOSCH	631	027
	with OM 364 engine	03/1988	-	BOSCH	3-571	021
LO-812	com motor OM 364 12V	-	-	DELCO REMY	2-407	071
		-	-	DELCO REMY	3-407	071
		-	-	DELCO REMY	818	090
	com motor OM 364 A	03/1988	-	BOSCH	531	014
		03/1988	-	BOSCH	531	015
		03/1988	-	BOSCH	631	027
		03/1988	-	BOSCH	3-571	021
	com motor OM 364 LA	01/2003	-	BOSCH	3-571	021
	com motor OM 366 12V	-	-	DELCO REMY	2-407	071
		-	-	DELCO REMY	3-407	071
		-	-	DELCO REMY	818	090
	with 12V OM 364 engine	-	-	DELCO REMY	2-407	071
		-	-	DELCO REMY	3-407	071
		-	-	DELCO REMY	818	090
	with 12V OM 366 engine	-	-	DELCO REMY	2-407	071
		-	-	DELCO REMY	3-407	071
		-	-	DELCO REMY	818	090
	with OM 364 A engine	03/1988	-	BOSCH	3-571	021
	with OM 364 LA engine	01/2003	-	BOSCH	3-571	021
LO-814	com motor OM 364 12V	-	-	DELCO REMY	2-407	071
		-	-	DELCO REMY	3-407	071
		-	-	DELCO REMY	805	087
		-	-	DELCO REMY	818	090
	com motor OM 364 LA	06/1997	-	BOSCH	531	014
		06/1997	-	BOSCH	531	015
		06/1997	-	BOSCH	631	027
		06/1997	-	BOSCH	3-571	021
	com motor OM 366 12V	-	-	DELCO REMY	2-407	071
		-	-	DELCO REMY	3-407	071
		-	-	DELCO REMY	805	087
		-	-	DELCO REMY	818	090
	with 12V OM 364 engine	-	-	DELCO REMY	2-407	071
		-	-	DELCO REMY	3-407	071
		-	-	DELCO REMY	818	090
	with 12V OM 366 engine	-	-	DELCO REMY	2-407	071
		-	-	DELCO REMY	3-407	071
		-	-	DELCO REMY	818	090
	with OM 364 LA engine	06/1997	-	BOSCH	3-571	021
LO-914	com motor OM 904 eletrônico 24V	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	815	089
	com motor OM 906 eletrônico 24V	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	815	089
	com motor OM 924 eletrônico 24V	-	-	DELCO REMY	2-818	091
	com motor OM 926 eletrônico 24V	-	-	DELCO REMY	2-818	091
	with 24V electronic OM 904 engine	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091

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MERCEDES-BENZ		de /from	until	M.Part./Starter	ZM	Pag.
LO-914	with 24V electronic OM 906 engine	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091
	with 24V electronic OM 924 engine	-	-	DELCO REMY	2-818	091
	with 24V electronic OM 926 engine	-	-	DELCO REMY	2-818	091
LP -60		02/1973	03/1987	BOSCH	645	033
LP 808		02/1973	10/1977	BOSCH	645	033
LP 809		02/1977	11/1984	BOSCH	645	033
LPKF 808		02/1973	10/1977	BOSCH	645	033
LPL 808		02/1977	11/1984	BOSCH	645	033
LPL 809		02/1977	11/1984	BOSCH	645	033
LPO-1113	com motor OM 352	11/1983	-	BOSCH	531	014
		11/1983	-	BOSCH	531	015
		11/1983	-	BOSCH	631	027
		06/1974	-	BOSCH	3-571	021
	with OM 352 engine	06/1974	-	BOSCH	3-571	021
LPO-808		02/1973	10/1977	BOSCH	645	033
LS 1313	A com motor OM 352 A	01/1985	01/1987	BOSCH	531	014
		01/1985	01/1987	BOSCH	531	015
		01/1985	01/1987	BOSCH	631	027
		01/1985	01/1987	BOSCH	3-571	021
LS 1518	com motor OM 352 A	06/1987	-	BOSCH	531	014
		06/1987	-	BOSCH	531	015
		06/1987	-	BOSCH	631	027
		06/1987	-	BOSCH	3-571	021
	with OM 352 A engine	06/1987	-	BOSCH	3-571	021
LS 1625	com motor OM 449 A	05/1990	-	BOSCH	832	050
LS 1630	com motor OM 449 LA	05/1990	-	BOSCH	832	050
LS 1935	com motor OM 447 LA	05/1990	-	BOSCH	832	050
LS 1941	com motor OM 447 LA	05/1990	-	BOSCH	832	050
M-Class	ML 270 CDI (163.113) with OM 612.963	12/1999	06/2005	BOSCH	6-973	060
MB 100 D	com motor OM 616.963	09/1991	01/1996	BOSCH	674	035
MB 180 D	com motor 616	04/1994	-	BOSCH	674	035
Medium Trucks	2000 MBE900 (6.4L)	-	-	DELCO REMY	817	090
		-	-	DELCO REMY	1-817	090
O 301		03/1986	05/1987	BOSCH	645	033
O 309 D		02/1973	03/1987	BOSCH	645	033
O 365	com motor OM 352	10/1987	-	BOSCH	531	014
		10/1987	-	BOSCH	531	015
		10/1987	-	BOSCH	631	027
		10/1987	-	BOSCH	3-571	021
	com motor OM 355-5	-	-	DELCO REMY	3-452	079
	with OM 352 engine	10/1987	-	BOSCH	3-571	021
	with OM 355-5 engine	-	-	DELCO REMY	3-452	079
O 370	com motor OM 355-5	-	-	DELCO REMY	3-452	079
	com motor OM 355-6	-	-	DELCO REMY	3-452	079
	com motor OM 355-6 A	-	-	DELCO REMY	3-452	079
	com motor OM 355-6 LA	-	-	DELCO REMY	3-452	079
	with OM 355-5 engine	-	-	DELCO REMY	3-452	079
	with OM 355-6 A engine	-	-	DELCO REMY	3-452	079
	with OM 355-6 LA engine	-	-	DELCO REMY	3-452	079
	with OM 355-6 engine	-	-	DELCO REMY	3-452	079
O 371	U com motor OM 366	09/1987	-	BOSCH	547	019
		09/1987	-	BOSCH	637	028
		09/1987	-	BOSCH	9-637	029
	UL com motor OM 366 LA	07/1993	-	BOSCH	547	019
		07/1993	-	BOSCH	637	028
		07/1993	-	BOSCH	9-637	029
	UL com motor OM 366 LA Euro 1	07/1993	-	BOSCH	547	019

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MERCEDES-BENZ		de /from	until	M.Part./Starter	ZM	Pag.
O 371	UL com motor OM 366 LA Euro 1	07/1993	-	BOSCH	637	028
		07/1993	-	BOSCH	9-637	029
	UP com motor OM 355-5	-	-	DELCO REMY	3-452	079
	UP with OM 355-5 engine	-	-	DELCO REMY	3-452	079
	com motor OM 355-5 A	-	-	DELCO REMY	3-452	079
	com motor OM 355-6 A	-	-	DELCO REMY	3-452	079
	com motor OM 355-6 LA	-	-	DELCO REMY	3-452	079
	with OM 355-5 A engine	-	-	DELCO REMY	3-452	079
	with OM 355-6 A engine	-	-	DELCO REMY	3-452	079
	with OM 355-6 LA engine	-	-	DELCO REMY	3-452	079
		-	-	DELCO REMY	460	082
		-	-	PRESTOLITE	802	179
O 371 U		-	-	BOSCH	5-671	035
O 371 UL		-	-	BOSCH	5-671	035
O 400	R com motor OM 449 A	03/1993	-	BOSCH	832	050
	RS com motor OM 447 LA	03/1993	-	BOSCH	832	050
	RSD com motor OM 447 LA	03/1993	-	BOSCH	832	050
	RSL com motor OM 447 LA	03/1993	-	BOSCH	832	050
	UP com motor OM 449 A	03/1993	-	BOSCH	832	050
	UP com motor OM 449 LA	10/1995	-	BOSCH	832	050
	UPA com motor OM 449 LA	07/1995	-	BOSCH	832	050
		-	-	DELCO REMY	460	082
O 400R	com motor OM 449 A	-	-	DELCO REMY	3-452	079
	with OM 449 A engine	-	-	DELCO REMY	3-452	079
O 400RS	com motor OM 449 A	-	-	DELCO REMY	3-452	079
	with OM 449 A engine	-	-	DELCO REMY	3-452	079
O 400RSD	com motor OM 449 A	-	-	DELCO REMY	3-452	079
	with OM 449 A engine	-	-	DELCO REMY	3-452	079
O 400RSL	com motor OM 449 A	-	-	DELCO REMY	3-452	079
	with OM 449 A engine	-	-	DELCO REMY	3-452	079
O 402		02/1986	-	BOSCH	645	033
O 500 M	com motor OM 904 eletrônico 24V	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	815	089
	com motor OM 906 LA	05/2001	-	BOSCH	1-639	029
		05/2001	-	DELCO REMY	5-409	076
	com motor OM 906 eletrônico 24V	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	815	089
	com motor OM 924 eletrônico 24V	-	-	DELCO REMY	2-818	091
	com motor OM 926 eletrônico 24V	-	-	DELCO REMY	2-818	091
	with 24V electronic OM 904 engine	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091
	with 24V electronic OM 906 engine	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091
	with 24V electronic OM 924 engine	-	-	DELCO REMY	2-818	091
	with 24V electronic OM 926 engine	-	-	DELCO REMY	2-818	091
O 500 R	com motor OM 904 eletrônico 24V	-	-	DELCO REMY	2-818	091
	com motor OM 906 eletrônico 24V	-	-	DELCO REMY	2-818	091
	com motor OM 924 eletrônico 24V	-	-	DELCO REMY	2-818	091
	com motor OM 926 LA	05/2001	-	BOSCH	1-639	029
		05/2001	-	DELCO REMY	5-409	076
	com motor OM 926 eletrônico 24V	-	-	DELCO REMY	2-818	091
	with 24V electronic OM 904 engine	-	-	DELCO REMY	2-818	091
	with 24V electronic OM 906 engine	-	-	DELCO REMY	2-818	091
	with 24V electronic OM 924 engine	-	-	DELCO REMY	2-818	091
	with 24V electronic OM 926 engine	-	-	DELCO REMY	2-818	091
O 500 U	com motor OM 904 eletrônico 24V	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091

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MERCEDES-BENZ		de /from	until	M.Part./Starter	ZM	Pag.
O 500 U	com motor OM 904 eletrônico 24V	-	-	DELCO REMY	815	089
	com motor OM 906 LA	05/2001	-	BOSCH	1-639	029
		05/2001	-	DELCO REMY	5-409	076
	com motor OM 906 eletrônico 24V	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	815	089
	com motor OM 924 eletrônico 24V	-	-	DELCO REMY	2-818	091
	com motor OM 926 eletrônico 24V	-	-	DELCO REMY	2-818	091
	with 24V electronic OM 904 engine	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091
	with 24V electronic OM 906 engine	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091
	with 24V electronic OM 924 engine	-	-	DELCO REMY	2-818	091
	with 24V electronic OM 926 engine	-	-	DELCO REMY	2-818	091
O-355	4x2 Motor OM 355 5 ou 6 cil.	-	-	DELCO REMY	3-452	079
	with OM 355-6 engine	-	-	DELCO REMY	3-452	079
O-362	com motor OM 344.934 (352) A	01/1975	-	BOSCH	531	014
		01/1975	-	BOSCH	531	015
		01/1975	10/1983	BOSCH	549	019
		01/1975	-	BOSCH	631	027
	com motor OM 352 A	01/1975	-	BOSCH	3-571	021
	with OM 352 A engine	01/1975	-	BOSCH	3-571	021
O-364	com motor OM 352	01/1980	-	BOSCH	531	014
		01/1980	-	BOSCH	531	015
		01/1980	-	BOSCH	631	027
		01/1980	-	BOSCH	3-571	021
	com motor OM 352 A	01/1980	-	BOSCH	531	014
		01/1980	-	BOSCH	531	015
		01/1980	-	BOSCH	631	027
		01/1980	-	BOSCH	3-571	021
	com motor OM 355-5	-	-	DELCO REMY	3-452	079
	com motor OM 355-6	-	-	DELCO REMY	3-452	079
	with OM 352 A engine	01/1980	-	BOSCH	3-571	021
	with OM 352 engine	01/1980	-	BOSCH	3-571	021
	with OM 355-5 engine	-	-	DELCO REMY	3-452	079
	with OM 355-6 engine	-	-	DELCO REMY	3-452	079
		-	-	PRESTOLITE	802	179
OF 1114	com motor OM 352	01/1987	-	BOSCH	531	014
		01/1987	-	BOSCH	531	015
		01/1987	-	BOSCH	631	027
		01/1987	-	BOSCH	3-571	021
	with OM 352 engine	01/1987	-	BOSCH	3-571	021
OF 1214		-	-	PRESTOLITE	802	179
OF 1314	com motor OM 352	01/1987	-	BOSCH	531	014
		01/1987	-	BOSCH	531	015
		01/1987	-	BOSCH	631	027
		01/1987	-	BOSCH	3-571	021
	with OM 352 engine	01/1987	-	BOSCH	3-571	021
OF 1316	com motor OM 352 A	04/1975	09/1976	BOSCH	534	015
		-	-	PRESTOLITE	802	179
OF 1319		-	-	PRESTOLITE	802	179
OF 1320		-	-	PRESTOLITE	802	179
OF 1419		-	-	PRESTOLITE	802	179
OF 1420		-	-	PRESTOLITE	802	179
OF 1518	com motor OM 904 eletrônico 24V	-	-	DELCO REMY	2-818	091
	com motor OM 906 eletrônico 24V	-	-	DELCO REMY	2-818	091
	com motor OM 924 eletrônico 24V	-	-	DELCO REMY	2-818	091
	com motor OM 926 eletrônico 24V	-	-	DELCO REMY	2-818	091
	with 24V electronic OM 904 engine	-	-	DELCO REMY	2-818	091

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OF 1518	with 24V electronic OM 906 engine	-	-	DELCO REMY	2-818	091
	with 24V electronic OM 924 engine	-	-	DELCO REMY	2-818	091
	with 24V electronic OM 926 engine	-	-	DELCO REMY	2-818	091
OF 812	com motor OM 364 A	05/1991	-	BOSCH	3-571	021
	with OM 364 A engine	05/1991	-	BOSCH	3-571	021
OF 814		01/1986	01/1987	BOSCH	645	033
OF 817		01/1986	01/1987	BOSCH	645	033
OF-1113	com motor OM 352	03/1988	-	BOSCH	531	014
		03/1988	-	BOSCH	531	015
		04/1975	09/1976	BOSCH	534	015
		03/1988	-	BOSCH	631	027
		03/1988	-	BOSCH	3-571	021
	com motor OM 366	09/1987	-	BOSCH	531	014
		09/1987	-	BOSCH	531	015
		09/1987	-	BOSCH	631	027
	with OM 352 engine	03/1988	-	BOSCH	3-571	021
OF-1115	com motor OM 366	09/1987	-	BOSCH	547	019
		09/1987	-	BOSCH	637	028
		09/1987	-	BOSCH	9-637	029
		-	-	BOSCH	5-671	035
OF-1313	com motor OM 352	03/1988	-	BOSCH	531	014
		03/1988	-	BOSCH	531	015
		04/1975	09/1976	BOSCH	534	015
		03/1988	-	BOSCH	631	027
		03/1988	-	BOSCH	3-571	021
	with OM 352 engine	03/1988	-	BOSCH	3-571	021
OF-1315	com motor OM 366	09/1987	-	BOSCH	547	019
		09/1987	-	BOSCH	637	028
		09/1987	-	BOSCH	9-637	029
		-	-	BOSCH	5-671	035
		-	-	PRESTOLITE	802	179
OF-1318	com motor OM 366 A	01/1988	-	BOSCH	536	016
		01/1988	-	BOSCH	547	019
		01/1988	-	BOSCH	636	028
		01/1988	-	BOSCH	637	028
		01/1988	-	BOSCH	9-636	028
		01/1988	-	BOSCH	9-637	029
OF-1417	com motor OM 904 eletrônico 24V	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	815	089
	com motor OM 906 eletrônico 24V	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091
		-	-	DELCO REMY	815	089
	com motor OM 924 eletrônico 24V	-	-	DELCO REMY	2-818	091
	com motor OM 926 eletrônico 24V	-	-	DELCO REMY	2-818	091
	with 24V electronic OM 904 engine	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091
	with 24V electronic OM 906 engine	-	-	DELCO REMY	2-409	075
		-	-	DELCO REMY	2-818	091
	with 24V electronic OM 924 engine	-	-	DELCO REMY	2-818	091
	with 24V electronic OM 926 engine	-	-	DELCO REMY	2-818	091
OF-1418	com motor OM 904 eletrônico 24V	-	-	DELCO REMY	2-818	091
	com motor OM 906 eletrônico 24V	-	-	DELCO REMY	2-818	091
	com motor OM 924 eletrônico 24V	-	-	DELCO REMY	2-818	091
	com motor OM 926 eletrônico 24V	-	-	DELCO REMY	2-818	091
	with 24V electronic OM 904 engine	-	-	DELCO REMY	2-818	091
	with 24V electronic OM 906 engine	-	-	DELCO REMY	2-818	091
	with 24V electronic OM 924 engine	-	-	DELCO REMY	2-818	091
	with 24V electronic OM 926 engine	-	-	DELCO REMY	2-818	091

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MERCEDES-BENZ		de /from	until	M.Part./Starter	ZM	Pag.
OF-1620	com motor OM 366 LA	10/1993	-	BOSCH	536	016
		10/1993	-	BOSCH	636	028
		10/1993	-	BOSCH	9-636	028
OF-1721	com motor OM 364 24V	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	com motor OM 366 LA	03/1998	-	BOSCH	547	019
		03/1998	-	BOSCH	637	028
		03/1998	-	BOSCH	9-637	029
	com motor OM 366LA 24V	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	com motor OM 904 eletrônico 24V	-	-	DELCO REMY	2-818	091
	com motor OM 906 eletrônico 24V	-	-	DELCO REMY	2-818	091
	com motor OM 924 eletrônico 24V	-	-	DELCO REMY	2-818	091
	com motor OM 926 eletrônico 24V	-	-	DELCO REMY	2-818	091
	with 24V OM 364 engine	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	with 24V OM 366 engine	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	with 24V electronic OM 904 engine	-	-	DELCO REMY	2-818	091
	with 24V electronic OM 906 engine	-	-	DELCO REMY	2-818	091
	with 24V electronic OM 924 engine	-	-	DELCO REMY	2-818	091
	with 24V electronic OM 926 engine	-	-	DELCO REMY	2-818	091
		-	-	BOSCH	5-671	035
OF-1722	com motor OM 904 eletrônico 24V	-	-	DELCO REMY	2-818	091
	com motor OM 906 eletrônico 24V	-	-	DELCO REMY	2-818	091
	com motor OM 924 eletrônico 24V	-	-	DELCO REMY	2-818	091
	com motor OM 926 eletrônico 24V	-	-	DELCO REMY	2-818	091
	with 24V electronic OM 904 engine	-	-	DELCO REMY	2-818	091
	with 24V electronic OM 906 engine	-	-	DELCO REMY	2-818	091
	with 24V electronic OM 924 engine	-	-	DELCO REMY	2-818	091
	with 24V electronic OM 926 engine	-	-	DELCO REMY	2-818	091
		06/2002	-	DELCO REMY	1-362	069
		-	-	DELCO REMY	360	068
		06/2002	-	DELCO REMY	369	070
OH 1113	com motor OM 352	04/1975	09/1976	BOSCH	534	015
	com motor OM 366 A	01/1988	-	BOSCH	531	014
		01/1988	-	BOSCH	531	015
		01/1988	-	BOSCH	631	027
OH 1313	com motor OM 352	10/1983	-	BOSCH	531	014
		10/1983	-	BOSCH	531	015
		04/1975	09/1976	BOSCH	534	015
		10/1983	-	BOSCH	631	027
		04/1982	-	BOSCH	3-571	021
	with OM 352 engine	04/1982	-	BOSCH	3-571	021
OH 1314	com motor OM 352	01/1987	-	BOSCH	531	014
		01/1987	-	BOSCH	531	015
		01/1987	-	BOSCH	631	027
		01/1987	-	BOSCH	3-571	021
	with OM 352 engine	01/1987	-	BOSCH	3-571	021
OH 1315	G M 366 G	04/1993	-	BOSCH	547	019
		10/1998	-	BOSCH	547	019

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MERCEDES-BENZ		de /from	until	M.Part./Starter	ZM	Pag.
OH 1315	G M 366 G	04/1993	-	BOSCH	637	028
		10/1998	-	BOSCH	637	028
		04/1993	-	BOSCH	9-637	029
		10/1998	-	BOSCH	9-637	029
		-	-	BOSCH	5-671	035
OH 1316	com motor OM 352 A	10/1983	-	BOSCH	531	014
		10/1983	-	BOSCH	531	015
		04/1975	09/1976	BOSCH	534	015
		10/1983	-	BOSCH	631	027
		10/1983	-	BOSCH	3-571	021
	with OM 352 A engine	10/1983	-	BOSCH	3-571	021
OH 1621	LG M 366 LAG	10/1997	-	BOSCH	547	019
		10/1997	-	BOSCH	637	028
		10/1997	-	BOSCH	9-637	029
OH 1621 LG		-	-	BOSCH	5-671	035
OH 1621L	com motor OM 364 24V	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	com motor OM 366LA 24V	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	with 24V OM 364 engine	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	with 24V OM 366 engine	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
OH 1623 LG		-	-	BOSCH	5-671	035
OH 1628	L	-	-	DELCO REMY	6-408	074
		06/2002	-	DELCO REMY	1-362	069
		-	-	DELCO REMY	360	068
		06/2002	-	DELCO REMY	369	070
		-	-	DELCO REMY	460	082
OH 1635L	com motor OM 447 LA	06/1993	-	BOSCH	832	050
OH 1636L		-	-	DELCO REMY	460	082
OH-1318		-	-	BOSCH	5-671	035
OH-1420	com motor OM 364 24V	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
	com motor OM 366LA 24V	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	with 24V OM 364 engine	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	with 24V OM 366 engine	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
OH-1623	com motor OM 364 24V	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	com motor OM 366LA 24V	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091

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MERCEDES-BENZ		de /from	until	M.Part./Starter	ZM	Pag.
OH-1623	com motor OM 366LA 24V	-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	with 24V OM 364 engine	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	with 24V OM 366 engine	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
OHL 1624G	com motor OM 447 HG	10/1997	-	BOSCH	832	050
Omnibus	1214	-	-	PRESTOLITE	3-485	176
	1414	-	-	PRESTOLITE	3-485	176
	1418	-	-	PRESTOLITE	3-485	176
	1614	-	-	PRESTOLITE	3-485	176
	OH	-	-	PRESTOLITE	3-485	176
	with 6 cylinders engine	-	-	PRESTOLITE	1-485	176
PUCH G-MODEL	G 300 TD with OM 606.964	08/1996	-	BOSCH	6-973	060
Plataforma O 400 RSD		06/2002	-	DELCO REMY	1-362	069
		-	06/2002	DELCO REMY	360	068
		06/2002	-	DELCO REMY	369	070
Plataforma O 400 SRE		06/2002	-	DELCO REMY	1-362	069
		-	06/2002	DELCO REMY	360	068
		06/2002	-	DELCO REMY	369	070
Plataforma O 400 UPA PLE		-	-	DELCO REMY	460	082
S-Class	S 123 300 T Turbo-D with OM 617.952 engine	10/1980	11/1985	BOSCH	544	018
		10/1980	11/1985	BOSCH	744	043
	S 123 T-Modell 230 TE with M 102.980 engine	09/1977	03/1980	BOSCH	628	026
	S 123 T-Modell 240 T D with OM 616.912 engine	09/1977	12/1985	BOSCH	544	018
		09/1977	12/1985	BOSCH	744	043
	S 123 T-Modell 250 T with M 123.921 engine	05/1978	10/1979	BOSCH	628	026
	S 123 T-Modell 280 TE with M 110.988 engine	09/1977	11/1985	BOSCH	628	026
	S 123 T-Modell 300 T D with OM 617.912 engine	09/1977	11/1985	BOSCH	544	018
		09/1977	11/1985	BOSCH	744	043
	S 124 300 T Turbo D with OM 603.960 engine	01/1989	06/1993	VALEO	590	196
	S 124 300 T Turbo D with OM 603.963 engine	09/1986	01/1989	VALEO	590	196
	S 124 T-Modell 200 T D with OM 601.912 engine	09/1985	08/1991	VALEO	590	196
	S 124 T-Modell 250 T D with OM 602.912 engine	09/1985	06/1993	VALEO	590	196
	S 124 T-Modell 300 T D with OM 603.912 engine	09/1986	06/1993	VALEO	590	196
	S 280	06/1993	09/1998	BOSCH	874	052
	S 280 SE (W116) with M 110.983 engine	08/1972	07/1980	BOSCH	628	026
	S 280 (W116) with M 110.922 engine	08/1972	07/1980	BOSCH	628	026
	S 280 (W140) with M 104.944 engine	02/1993	10/1998	VALEO	590	196
	S 280 S (W126) with M 110.924 engine	12/1979	07/1985	BOSCH	628	026
	S 280 S (W126) with M 110.926 engine	12/1979	07/1985	BOSCH	628	026
	S 280 SE	-	-	BOSCH	772	043
	S 280 SE (W116) with M 110.985 engine	08/1972	07/1980	BOSCH	628	026
	S 280 SEL	-	-	BOSCH	772	043
	S 280 SEL (W116) with M 110.983 engine	08/1972	07/1980	BOSCH	628	026
	S 280 SEL (W116) with M 110.985 engine	08/1972	07/1980	BOSCH	628	026
	S 280 T	-	-	BOSCH	772	043
	S 300 S320 (W140) with M 104.990 engine	03/1991	10/1998	VALEO	590	196
	S 300 S320 (W140) with M 104.994 engine	03/1991	10/1998	VALEO	590	196
	S 300 Turbo D (140.135) with OM 606.961	05/1996	10/1998	BOSCH	6-973	060
	S 320	06/1993	09/1998	BOSCH	874	052
	S 320 CDI (220.025, 220.125) with OM 648.960	09/2002	08/2005	BOSCH	6-973	060
	S 320 CDI (220.026, 220.126) with OM 613.960	08/1999	09/2002	BOSCH	6-973	060
	S 350 SE (W116) with M 116.985 engine	03/1976	03/1980	BOSCH	628	026
	S 350 SEL (W116) with M 116.985 engine	03/1976	03/1980	BOSCH	628	026

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MERCEDES-BENZ		de /from	until	M.Part./Starter	ZM	Pag.
S-Class	S 350 SEL (W116) with M 116.985 engine S 350 Turbo D (140.134) with OM 603.971	01/1993	10/1998	BOSCH	6-973	060
	S 380 SE (W126) with M 116.961 engine	12/1985	12/1986	BOSCH	628	026
	S 380 SE (W126) with M 116.963 engine	12/1979	08/1985	BOSCH	628	026
	S 380 SEC Coupe with M 116.963 engine	10/1981	07/1985	BOSCH	628	026
	S 380 SEL (W126) with M 116.961 engine	12/1985	12/1986	BOSCH	628	026
	S 380 SEL (W126) with M 116.963 engine	12/1979	08/1985	BOSCH	628	026
	S 420 (W140) with M 119.971 engine	01/1993	10/1998	VALEO	590	196
	S 420 SE (W126) with M 116.965 (CAT) engine	10/1985	06/1991	BOSCH	628	026
	S 420 SE (W126) with M 116.965 engine	10/1985	12/1987	BOSCH	628	026
	S 420 SEC Coupe with M 116.965 (CAT) engine	10/1985	06/1991	BOSCH	628	026
	S 420 SEC Coupe with M 116.965 engine	10/1985	12/1987	BOSCH	628	026
	S 420 SEL (W126) with M 116.965 (CAT) engine	10/1985	06/1991	BOSCH	628	026
	S 420 SEL (W126) with M 116.965 engine	10/1985	12/1987	BOSCH	628	026
	S 420 with M 119.971 engine	06/1993	09/1995	BOSCH	2-674	036
	S 450 SE (W116) with M 117.983 engine	01/1973	04/1980	BOSCH	628	026
	S 450 SE (W116) with M 117.986 engine	01/1973	04/1980	BOSCH	628	026
	S 450 SEL (W116) with M 117.983 engine	01/1973	04/1980	BOSCH	628	026
	S 450 SEL (W116) with M 117.986 engine	01/1973	04/1980	BOSCH	628	026
	S 450 SEL (W116) 6.9 with M 100.985 engine	07/1975	03/1980	BOSCH	628	026
	S 500 (W140) with M 119.970 engine	01/1993	10/1998	VALEO	590	196
	S 500 Coupe with M 119.970 engine	06/1993	09/1995	BOSCH	2-674	036
	S 500 SE (W126) with M 117.963 engine	12/1979	08/1985	BOSCH	628	026
	S 500 SE (W126) with M 117.965 engine	09/1985	06/1991	BOSCH	628	026
	S 500 SE (W126) with M 117.961 engine	12/1979	08/1985	BOSCH	628	026
	S 500 SEC Coupe with M 117.963 engine	10/1981	08/1985	BOSCH	628	026
	S 500 SEC Coupe with M 117.965 engine	09/1985	06/1991	BOSCH	628	026
	S 500 SEC Coupe with M 119.970 engine	10/1992	05/1993	BOSCH	2-674	036
	S 500 SEC with M 119.970 engine	09/1996	08/1999	BOSCH	2-674	036
	S 500 SEL (W126) with M 117.961 engine	12/1979	08/1985	BOSCH	628	026
	S 500 SEL (W126) with M 117.963 engine	12/1979	08/1985	BOSCH	628	026
	S 500 SEL (W126) with M 117.965 engine	09/1985	06/1991	BOSCH	628	026
	S 500 with M 119.970 engine	06/1993	09/1995	BOSCH	2-674	036
	S 500 with M 119.980 engine	09/1996	08/1999	BOSCH	2-674	036
	S 560 SE (W126) with M 117.968 engine	10/1985	12/1987	BOSCH	628	026
	S 560 SE (W126) with M 117.968 (CAT) engine	10/1985	06/1991	BOSCH	628	026
	S 560 SEC Coupe with M 117.968 (CAT) engine	10/1985	06/1999	BOSCH	628	026
	S 560 SEC Coupe with M 117.968 engine	10/1985	12/1987	BOSCH	628	026
	S 560 SEL (W126) with M 117.968 (CAT) engine	10/1985	06/1991	BOSCH	628	026
	S 560 SEL (W126) with M 117.968 engine	10/1985	12/1987	BOSCH	628	026
	S 600 (140.056, 140.057) with OM 120.980 e 120.982	01/1993	10/1998	BOSCH	6-973	060
	S 600 (W140) with M 120.980 engine	01/1993	10/1998	VALEO	590	196
	S 600 SE, SEL (140.056, 140.057) with OM 120.980 e 120.982	04/1991	12/1992	BOSCH	6-973	060
	S 600 SEC/CL with OM 120.980 e 120.960	09/1992	02/1999	BOSCH	6-973	060
SL-Class	280	07/1993	05/1998	BOSCH	874	052
	320	07/1993	05/1998	BOSCH	874	052
	450 SE	-	-	BOSCH	772	043
	450 SEL	-	-	BOSCH	772	043
	450 SL	-	-	BOSCH	772	043
	450 SLC	-	-	BOSCH	772	043
	500 SL	-	-	BOSCH	772	043
	500 with M 119.972 engine	09/1992	09/1995	BOSCH	2-674	036
	60 AMG (129.067) with OM 120.981	05/1997	10/2001	BOSCH	6-973	060
	600 (129.076) with OM 120.981 e 120.983	07/1992	10/2001	BOSCH	6-973	060
	Coupe 280 SLC with M 110.982 engine	08/1974	09/1981	BOSCH	628	026
	Coupe 280 SLC with M 110.986 engine	08/1974	09/1981	BOSCH	628	026
	Coupe 350 SLC with M 116.982 engine	01/1972	02/1980	BOSCH	628	026
	Coupe 350 SLC with M 116.984 engine	01/1972	02/1980	BOSCH	628	026
	Coupe 380 SLC with M 116.960 engine	07/1980	08/1981	BOSCH	628	026

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MERCEDES-BENZ		de /from	until	M.Part./Starter	ZM	Pag.
SL-Class	Coupe 450 SLC 5.0 with M 117.960 engine	06/1978	02/1980	BOSCH	628	026
	Coupe 450 SLC with M 117.982 engine	09/1975	08/1979	BOSCH	628	026
	Coupe 450 SLC with M 117.985 engine	09/1975	08/1979	BOSCH	628	026
	R107 280 SL with M 110.982 engine	06/1976	09/1981	BOSCH	628	026
	R107 280 SL with M 110.986 engine	06/1976	09/1981	BOSCH	628	026
	R107 280 SL with M 110.990 engine	06/1976	09/1981	BOSCH	628	026
	R107 350 SL with M 116.982 engine	05/1971	02/1980	BOSCH	628	026
	R107 350 SL with M 116.984 engine	05/1971	02/1980	BOSCH	628	026
	R107 380 SL with M 116.960 engine	09/1980	08/1981	BOSCH	628	026
	R107 380 SL with M 116.962 engine	09/1980	08/1985	BOSCH	628	026
	R107 420 SL with M 116.964 engine	01/1986	08/1989	BOSCH	628	026
	R107 450 SL with M 117.982 engine	09/1975	10/1980	BOSCH	628	026
	R107 450 SL with M 117.985 engine	09/1975	10/1980	BOSCH	628	026
	R107 500 SL with M 117.960 engine	05/1980	12/1985	BOSCH	628	026
	R107 500 SL with M 117.964 engine	01/1986	08/1989	BOSCH	628	026
SLK-Class	SLK 200 Kompressor (R171) 4 Cyl.	03/2004	-	BOSCH	2-371	001
		01/2008	12/2014	MARELLI	3-397	138
Sprinter	2 toneladas (901, 902) 208 CDI	04/2000	-	VALEO	590	196
	2 toneladas (901, 902) 211 CDI	04/2000	-	VALEO	590	196
	2 toneladas (901, 902) 213 CDI	04/2000	-	VALEO	590	196
	2-t Box (901, 902) 216 CDI with OM 612.981	04/2000	05/2006	BOSCH	6-973	060
	2-t Bus (901, 902) 216 CDI with OM 612.981	04/2000	05/2006	BOSCH	6-973	060
	2-t Flatbed / Chassis (901, 902) 216 CDI with OM 612.981	04/2000	05/2006	BOSCH	6-973	060
	2.1L	06/2006	-	DENSO	2-708	106
	2.5 L com motor Maxion HS 4 cil.	-	-	PRESTOLITE	480	172
	208 D	01/1996	-	VALEO	1-590	197
	210 D	01/1997	-	VALEO	1-590	197
	212 D	01/1996	-	VALEO	1-590	197
	216	01/2008	12/2014	MARELLI	3-397	138
		03/2009	-	DENSO	3-708	106
	216 (906.113 e 906.213)	01/2008	12/2014	MARELLI	3-397	138
	216 (906.613)	01/2008	12/2014	MARELLI	3-397	138
	3 toneladas (903) 308 CDI	04/2000	-	VALEO	590	196
	3 toneladas (903) 311 CDI	04/2000	-	VALEO	590	196
	3 toneladas (903) 313 CDI	04/2000	-	VALEO	590	196
	3-t Box (903) 316 CDI with OM 612.981	04/2000	05/2006	BOSCH	6-973	060
	3-t Bus (903) 316 CDI with OM 612.981	04/2000	05/2006	BOSCH	6-973	060
	3-t Flatbed / Chassis (903) 316 CDI with OM 612.981	04/2000	05/2006	BOSCH	6-973	060
	308 D	01/1996	-	VALEO	1-590	197
	310 D com motor OM 014 A	10/1996	-	BOSCH	975	061
		09/1996	-	VALEO	597	199
	312 D	01/1996	-	VALEO	1-590	197
	312 D com motor OM 014 LA	08/1999	-	BOSCH	975	061
	316	01/2008	12/2014	MARELLI	3-397	138
		03/2009	-	DENSO	3-708	106
		01/2008	-	BOSCH	5-381	004
	316 (906.133 - 906.135 - 906.233 - 906.235)	01/2008	12/2014	MARELLI	3-397	138
	316 (906.633 - 906.365 - 906.637)	01/2008	12/2014	MARELLI	3-397	138
	316 NGT (906.633 - 906.635)	01/2008	12/2014	MARELLI	3-397	138
	4 toneladas (904) 408 CDI	04/2000	-	VALEO	590	196
	4 toneladas (904) 411 CDI	04/2000	-	VALEO	590	196
	4 toneladas (904) 413 CDI	04/2000	-	VALEO	590	196
	4-t Box (904) 416 CDI with OM 612.981	04/2000	05/2006	BOSCH	6-973	060
	4-t Bus (904) 416 CDI with OM 612.981	04/2000	05/2006	BOSCH	6-973	060
	4-t Flatbed / Chassis (904) 416 CDI with OM 612.981	04/2000	05/2006	BOSCH	6-973	060
	408 D	01/1997	-	VALEO	1-590	197
	410 D	01/1997	-	VALEO	1-590	197
	412 D	01/1997	-	VALEO	1-590	197
	412 D com motor OM 014 LA	10/1999	-	BOSCH	975	061

TABELA DE APLICAÇÃO
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MERCEDES-BENZ		de /from	until	M.Part./Starter	ZM	Pag.
Sprinter	416	03/2009	-	DENSO	3-708	106
	516	03/2009	-	DENSO	3-708	106
	516 (906.153 - 906.155 - 906.253 - 906.255)	01/2008	12/2014	MARELLI	3-397	138
	516 NGT (906.153 - 906.155)	01/2008	12/2014	MARELLI	3-397	138
	616 CDI with OM 612.981	04/2001	-	BOSCH	6-973	060
Série 124	230 E	12/1984	06/1993	BOSCH	1-474	009
T1 (601)	207 D	-	-	BOSCH	4-744	043
	207 D 2.4 Bus	07/1982	01/1990	BOSCH	544	018
		07/1982	01/1990	BOSCH	744	043
	207 D 2.4 with OM 616.917 engine	04/1977	12/1982	BOSCH	544	018
		04/1977	12/1982	BOSCH	744	043
	207 D 2.4 with OM 616.934 engine	04/1977	12/1982	BOSCH	544	018
		04/1977	12/1982	BOSCH	744	043
	207 D 2.4 with OM 616.939 engine	12/1977	01/1990	BOSCH	544	018
		12/1977	01/1990	BOSCH	744	043
	208 D 2.3 with OM 601.940 engine	06/1989	02/1996	BOSCH	624	025
	209 D	-	-	BOSCH	4-744	043
	209 D 2.9 with OM 617.913 engine	12/1982	01/1990	BOSCH	544	018
		12/1982	01/1990	BOSCH	744	043
	210 2.3 with M 115.955 engine	04/1977	10/1989	BOSCH	628	026
	Box 207 D 2.4 with OM 616.937 engine	06/1982	01/1990	BOSCH	544	018
		06/1982	01/1990	BOSCH	744	043
	Box 207 D 2.4 with OM 616.939 engine	06/1982	01/1990	BOSCH	544	018
		06/1982	01/1990	BOSCH	744	043
	Box 209 D 2.9 with OM 617.913 engine	12/1982	01/1990	BOSCH	544	018
		12/1982	01/1990	BOSCH	744	043
	Bus 207 D 2.4 with OM 616.917 engine	05/1977	01/1990	BOSCH	544	018
		05/1977	01/1990	BOSCH	744	043
	Bus 207 D 2.4 with OM 616.934 engine	05/1977	01/1990	BOSCH	544	018
		05/1977	01/1990	BOSCH	744	043
	Bus 209 D 2.9 with OM 617.913 engine	12/1982	01/1990	BOSCH	544	018
		12/1982	01/1990	BOSCH	744	043
	Flatbed / Chassis 207 D 2.4 with OM 616.917 engine	04/1977	10/1989	BOSCH	544	018
		04/1977	10/1989	BOSCH	744	043
	Flatbed / Chassis 209 D 2.9 with OM 617.913 engine	12/1982	01/1990	BOSCH	544	018
		12/1982	01/1990	BOSCH	744	043
T1 (602)	307 D	-	-	BOSCH	4-744	043
	307 D 2.4	04/1977	01/1983	BOSCH	544	018
		04/1977	01/1983	BOSCH	744	043
	307 D 2.4 with OM 616.937 engine	06/1982	01/1990	BOSCH	544	018
		06/1982	01/1990	BOSCH	744	043
	307 D 2.4 with OM 616.939 engine	06/1982	01/1990	BOSCH	544	018
		06/1982	01/1990	BOSCH	744	043
	309 D 3.0 with OM 617.913 engine	10/1982	01/1990	BOSCH	544	018
		10/1982	01/1990	BOSCH	744	043
	407 D	-	-	BOSCH	4-744	043
	Box 307 D 2.4 with OM 616.937 engine	10/1982	01/1990	BOSCH	544	018
		10/1982	01/1990	BOSCH	744	043
	Box 307 D 2.4 with OM 616.939 engine	10/1982	01/1990	BOSCH	544	018
		10/1982	01/1990	BOSCH	744	043
	Box 309 D 3.0 with OM 617.913 engine	10/1982	01/1990	BOSCH	544	018
		10/1982	01/1990	BOSCH	744	043
	Flatbed / Chassis 307 D 2.4 with OM 616.937 engine	04/1977	01/1990	BOSCH	544	018
		04/1977	01/1990	BOSCH	744	043
	Flatbed / Chassis 307 D 2.4 with OM 616.939 engine	04/1977	01/1990	BOSCH	544	018
		04/1977	01/1990	BOSCH	744	043
	Flatbed / Chassis 309 D 3.0 with OM 617.913 engine	10/1982	01/1990	BOSCH	544	018
		10/1982	01/1990	BOSCH	744	043
T1/TN	407 D with OM 616.913 engine	07/1981	01/1989	BOSCH	544	018

TABELA DE APLICAÇÃO
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MERCEDES-BENZ		de /from	until	M.Part./Starter	ZM	Pag.
T1/TN	407 D with OM 616.913 engine	07/1981	01/1989	BOSCH	744	043
	407 D with OM 616.939 engine	07/1981	01/1989	BOSCH	544	018
		07/1981	01/1989	BOSCH	744	043
	409 D with OM 617.913 engine	04/1982	01/1989	BOSCH	544	018
		04/1982	01/1989	BOSCH	744	043
T2/L	L 405 D with OM 615 engine	01/1972	12/1980	BOSCH	544	018
		01/1972	12/1980	BOSCH	744	043
	L 405 D with OM 621 engine	01/1972	12/1980	BOSCH	544	018
		01/1972	12/1980	BOSCH	744	043
	L 405 D with OM 636 engine	01/1972	12/1980	BOSCH	544	018
		01/1972	12/1980	BOSCH	744	043
	L 406 DG with OM 615.910 engine	01/1968	12/1974	BOSCH	544	018
		01/1968	12/1974	BOSCH	744	043
	L 407 D with OM 616.910 engine	01/1975	12/1988	BOSCH	544	018
		01/1975	12/1988	BOSCH	744	043
T2/LN1	507 D with OM 616.914 engine	04/1986	04/1989	BOSCH	544	018
		04/1986	04/1989	BOSCH	744	043
	507 DK with OM 616.914 engine	04/1986	04/1989	BOSCH	544	018
		04/1986	04/1989	BOSCH	744	043
Traveg	with OM 942.900 LA engine	02/2001	02/2006	MITSUBISHI	842	157
		02/2001	02/2006	DELCO REMY	3-428	077
Truck		-	-	DELCO REMY	841	092
Unimog U	100L with OM 602.948 engine	11/1992	-	BOSCH	1-674	036
	34	01/1965	09/1975	BOSCH	543	017
	34,411 A	01/1965	09/1975	BOSCH	633	028
	34,411 B	01/1965	09/1975	BOSCH	633	028
	34,411 C	01/1965	09/1975	BOSCH	633	028
	411 A	01/1965	09/1975	BOSCH	543	017
	411 B	01/1965	09/1975	BOSCH	543	017
	411 C	01/1965	09/1975	BOSCH	543	017
	600 with OM 616.911 engine	01/1977	05/1988	BOSCH	544	018
		01/1977	05/1988	BOSCH	744	043
	600 with OM 616.915 engine	01/1977	05/1988	BOSCH	544	018
		01/1977	05/1988	BOSCH	744	043
	600 with OM 616.931 engine	01/1977	05/1988	BOSCH	544	018
		01/1977	05/1988	BOSCH	744	043
	600 with OM 616.932 engine	01/1977	05/1988	BOSCH	544	018
		01/1977	05/1988	BOSCH	744	043
	600 with OM 616.942 engine	05/1988	-	BOSCH	544	018
		05/1988	-	BOSCH	744	043
	600 with OM 616.943 engine	05/1988	-	BOSCH	544	018
		05/1988	-	BOSCH	744	043
	600L with OM 616.911 engine	01/1977	05/1988	BOSCH	544	018
		01/1977	05/1988	BOSCH	744	043
	600L with OM 616.915 engine	01/1977	05/1988	BOSCH	544	018
		01/1977	05/1988	BOSCH	744	043
	600L with OM 616.931 engine	01/1977	05/1988	BOSCH	544	018
		01/1977	05/1988	BOSCH	744	043
	600L with OM 616.932 engine	01/1977	05/1988	BOSCH	544	018
		01/1977	05/1988	BOSCH	744	043
	600T with OM 616.911 engine	01/1977	05/1988	BOSCH	544	018
		01/1977	05/1988	BOSCH	744	043
	600T with OM 616.915 engine	01/1977	05/1988	BOSCH	544	018
		01/1977	05/1988	BOSCH	744	043
	600T with OM 616.931 engine	01/1977	05/1988	BOSCH	544	018
		01/1977	05/1988	BOSCH	744	043
	600T with OM 616.932 engine	01/1977	05/1988	BOSCH	544	018
		01/1977	05/1988	BOSCH	744	043
	650 with OM 616.942 engine	05/1988	-	BOSCH	544	018

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MERCEDES-BENZ		de /from	until	M.Part./Starter	ZM	Pag.
Unimog U	650 with OM 616.942 engine	05/1988	-	BOSCH	744	043
	650 with OM 616.943 engine	05/1988	-	BOSCH	544	018
		05/1988	-	BOSCH	744	043
	650L with OM 616.942 engine	05/1988	-	BOSCH	544	018
		05/1988	-	BOSCH	744	043
	650L with OM 616.943 engine	05/1988	-	BOSCH	544	018
		05/1988	-	BOSCH	744	043
	90 with OM 602.941 engine	11/1992	-	BOSCH	1-674	036
V-Class	V 200 CDI	06/1999	-	VALEO	1-590	197
	V 220 CDI	06/1999	-	VALEO	1-590	197
	V 409 D	09/1982	01/1989	VALEO	1-590	197
	V 612 D	09/1996	-	VALEO	1-590	197
	V 812 D	09/1996	-	VALEO	1-590	197
Vaneo	1.7 CDI with OM 668.914 engine	02/2002	-	BOSCH	2-371	001
Viano	200 CDI	08/2010	-	DENSO	3-708	106
	220 CDI	07/2010	-	DENSO	3-708	106
Vito	108 CDI 2.2 with OM 611A (CDI) engine	03/1999	-	VALEO	590	196
	108 D 2.3L	02/1997	-	VALEO	1-590	197
	110 CDI 2.2 with OM 611LA (CDI) engine	03/1999	-	VALEO	590	196
	110 D 2.3L	02/1997	-	VALEO	1-590	197
	112 CDI 2.2 with OM 611.980 engine	03/1999	-	VALEO	590	196
	113 CDI	09/2010	-	DENSO	3-708	106
	116 CDI	09/2010	-	DENSO	3-708	106
	119	10/2003	-	BOSCH	5-973	060
	122	10/2003	-	BOSCH	5-973	060
W123	200 D with OM 615.940 engine	07/1976	11/1985	BOSCH	544	018
		07/1976	11/1985	BOSCH	744	043
	200 with M 102.920 engine	06/1980	11/1985	BOSCH	544	018
		06/1980	11/1985	BOSCH	744	043
	200 with M 102.939 engine	06/1980	11/1985	BOSCH	544	018
		06/1980	11/1985	BOSCH	744	043
	200 with M 115.938 engine	02/1976	08/1980	BOSCH	628	026
	200 with M 115.938. engine	02/1976	08/1980	BOSCH	544	018
		02/1976	08/1980	BOSCH	744	043
	200 with M 115.939 engine	02/1976	08/1980	BOSCH	628	026
	200 with M 115.939 engine.	02/1976	08/1980	BOSCH	544	018
		02/1976	08/1980	BOSCH	744	043
	220 D with OM 615.941 engine	01/1976	11/1985	BOSCH	544	018
		01/1976	11/1985	BOSCH	744	043
	230 with M 115.954 engine	02/1976	08/1980	BOSCH	628	026
	240 D with OM 616.912 engine	01/1976	11/1985	BOSCH	544	018
		01/1976	11/1985	BOSCH	744	043
	250 with M 123.921 engine	10/1979	08/1985	BOSCH	628	026
	280 E with M 110.984 engine	02/1976	11/1985	BOSCH	628	026
	280 E with M 110.988 engine	02/1976	11/1985	BOSCH	628	026
	280 with M 110.923 engine	02/1976	03/1981	BOSCH	628	026
	300 D with OM 617.912 engine	02/1976	11/1985	BOSCH	544	018
		02/1976	11/1985	BOSCH	744	043
	300 Turbo-D Saloon with OM 617.952 engine	02/1976	11/1985	BOSCH	544	018
		08/1981	07/1985	BOSCH	744	043
W124	200 D with OM 601.912 engine	12/1984	06/1993	VALEO	590	196
	250 D with OM 602.912 engine	04/1985	06/1993	VALEO	590	196
	250 Turbo D with OM 602.962 engine	09/1988	06/1993	VALEO	590	196
	300 D with OM 603.912 engine	06/1990	06/1993	VALEO	590	196
	300 Turbo D with OM 603.960 engine	09/1986	09/1988	VALEO	590	196
	300 Turbo D with OM 603.963 engine	09/1986	09/1988	VALEO	590	196
Ônibus	com motor 0321-H	12/1973	-	WAPSA	504	202
	com motor 0321-H2	12/1973	-	WAPSA	504	202
	com motor 6 cilindros	-	-	PRESTOLITE	1-485	176

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MERCEDES-BENZ		de /from	until	M.Part./Starter	ZM	Pag.
Ônibus	com motor CP-312	12/1973	-	WAPSA	504	202
	com motor CP-321	12/1973	-	WAPSA	504	202
MITSUBISHI		**de /from**	**until**	**M.Part./Starter**	**ZM**	**Pag.**
3000	GT 3.0i 24V 4x4 with 6G72 engine	06/1992	-	MITSUBISHI	1-698	151
		06/1992	-	MITSUBISHI	5-698	151
39MT Séries		-	-	MITSUBISHI	2-842	158
ASX		04/2010	-	MITSUBISHI	4-995	168
		04/2010	-	MITSUBISHI	7-995	169
Bus		01/1978	-	MITSUBISHI	2-898	163
		-	-	MITSUBISHI	4-898	164
		-	-	MITSUBISHI	898	163
Canter	FE 507	01/1995	-	MITSUBISHI	2-896	161
	FE 508	01/1995	-	MITSUBISHI	2-896	161
	FE 515	01/1995	-	MITSUBISHI	2-896	161
	FE 516	01/1995	-	MITSUBISHI	2-896	161
	FE 517	01/1995	-	MITSUBISHI	2-896	161
	FE 518	01/1995	-	MITSUBISHI	2-896	161
	FE 527	01/1995	-	MITSUBISHI	2-896	161
	FE 528	01/1995	-	MITSUBISHI	2-896	161
	FE 536	01/1995	-	MITSUBISHI	2-896	161
	FE 537	01/1995	-	MITSUBISHI	2-896	161
	FE 538	01/1995	-	MITSUBISHI	2-896	161
	FE 548	01/1995	-	MITSUBISHI	2-896	161
	FE 567	01/1995	-	MITSUBISHI	2-896	161
	FE 568	01/1995	-	MITSUBISHI	2-896	161
	FE 636	01/1995	-	MITSUBISHI	2-896	161
	FE 637	01/1995	-	MITSUBISHI	2-896	161
	FE 638	01/1995	-	MITSUBISHI	2-896	161
	FE 639	01/1995	-	MITSUBISHI	2-896	161
	FE 648	01/1995	-	MITSUBISHI	2-896	161
	FE 649	01/1995	-	MITSUBISHI	2-896	161
	FE 658	01/1995	-	MITSUBISHI	2-896	161
	FE 659	01/1995	-	MITSUBISHI	2-896	161
	FE 667	01/1995	-	MITSUBISHI	2-896	161
	FE 668	01/1995	-	MITSUBISHI	2-896	161
	FE 669	01/1995	-	MITSUBISHI	2-896	161
	FG 507	-	-	MITSUBISHI	2-896	161
	FG 508	-	-	MITSUBISHI	2-896	161
	FG 538	-	-	MITSUBISHI	2-896	161
	FG 638	-	-	MITSUBISHI	2-896	161
	Guts diesel with 4M40 engine	01/1995	12/2007	MITSUBISHI	6-698	151
	diesel with 4D30 engine	07/1983	-	MITSUBISHI	896	161
	diesel with 4D31 engine	07/1983	-	MITSUBISHI	896	161
Carisma	1.8L GDI	09/1997	06/2006	MITSUBISHI	7-698	152
	Saloon 1.8L GDI	09/1997	06/2006	MITSUBISHI	7-698	152
		-	-	MITSUBISHI	6-995	169
Celeste	1400	10/1975	05/1980	MITSUBISHI	1-699	152
		10/1975	05/1980	MITSUBISHI	2-699	153
		10/1975	05/1980	MITSUBISHI	4-699	153
		10/1975	05/1980	MITSUBISHI	699	152
	1600	10/1975	05/1980	MITSUBISHI	1-699	152
		10/1975	05/1980	MITSUBISHI	2-699	153
		10/1975	05/1980	MITSUBISHI	4-699	153
		10/1975	05/1980	MITSUBISHI	699	152
	1600 with 4G32 engine	01/1979	12/1982	MITSUBISHI	1-699	152
		01/1979	12/1982	MITSUBISHI	2-699	153
		01/1979	12/1982	MITSUBISHI	4-699	153
		01/1979	12/1982	MITSUBISHI	699	152
	2000	01/1979	12/1980	MITSUBISHI	796	156

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MITSUBISHI		de /from	until	M.Part./Starter	ZM	Pag.
Challenger	2.5 D with 4D56 engine	01/1994	12/2003	MITSUBISHI	6-698	151
Colt	1.2	03/1978	12/1987	MITSUBISHI	1-699	152
		03/1978	12/1987	MITSUBISHI	2-699	153
		03/1978	12/1987	MITSUBISHI	4-699	153
		03/1978	12/1987	MITSUBISHI	699	152
	1.3 with 4G13 engine	04/1988	-	MITSUBISHI	798	157
	1.3 with G13B engine	06/1986	04/1988	MITSUBISHI	1-699	152
		06/1986	04/1988	MITSUBISHI	2-699	153
		06/1986	04/1988	MITSUBISHI	4-699	153
		06/1986	04/1988	MITSUBISHI	699	152
	1.3i with 4G13 engine	12/1991	-	MITSUBISHI	798	157
	1.4 with 4G12 engine	07/1980	10/1983	MITSUBISHI	1-699	152
		07/1980	10/1983	MITSUBISHI	2-699	153
		07/1980	10/1983	MITSUBISHI	4-699	153
		07/1980	10/1983	MITSUBISHI	699	152
	1.5 with 4G15 engine	04/1988	05/1992	MITSUBISHI	798	157
	1.6i 4WD with 4G92 engine	12/1991	05/1992	MITSUBISHI	1-699	152
		12/1991	05/1992	MITSUBISHI	2-699	153
		12/1991	05/1992	MITSUBISHI	4-699	153
		12/1991	05/1992	MITSUBISHI	699	152
	1.6i with 4G61 engine	04/1988	05/1992	MITSUBISHI	798	157
	1.6i with 4G92 engine	12/1991	05/1992	MITSUBISHI	1-699	152
		12/1991	05/1992	MITSUBISHI	2-699	153
		12/1991	05/1992	MITSUBISHI	4-699	153
		12/1991	05/1992	MITSUBISHI	699	152
	1.8 D	04/1988	05/1992	MITSUBISHI	893	160
	1.8 GTi with 4G67 engine	11/1989	05/1992	MITSUBISHI	1-699	152
		11/1989	05/1992	MITSUBISHI	2-699	153
		11/1989	05/1992	MITSUBISHI	4-699	153
		11/1989	05/1992	MITSUBISHI	699	152
	1.8 GTi with 4G93 engine	12/1991	05/1992	MITSUBISHI	1-699	152
		12/1991	05/1992	MITSUBISHI	2-699	153
		12/1991	05/1992	MITSUBISHI	4-699	153
		12/1991	05/1992	MITSUBISHI	699	152
	1.8i with 4G37 engine	01/1990	06/1992	MITSUBISHI	798	157
	2.0 D with 4D68 engine	06/1992	-	MITSUBISHI	893	160
	II 1.8 GL Diesel with 4D65 (BJ84-86) engine	02/1984	09/1986	MITSUBISHI	692	147
	II 1.8 GL Diesel with 4D65 (BJ86-92) engine	09/1986	04/1988	MITSUBISHI	692	147
	III 1.8 Diesel GLX with 4D65 (BJ86-92) engine	04/1998	05/1992	MITSUBISHI	692	147
	III 1.8 GTi 16V with 4G67 engine	06/1990	05/1992	MITSUBISHI	691	147
	III 1.8 Gti	11/1989	05/1992	MITSUBISHI	696	150
	IV 1.8 GTi 16V with 4G93 engine	04/1992	04/1996	MITSUBISHI	691	147
	V 1.3L 16V	01/1995	12/2003	MITSUBISHI	7-698	152
	V 1.6L	01/1995	12/2003	MITSUBISHI	7-698	152
		-	-	MITSUBISHI	4-995	168
		-	-	MITSUBISHI	6-995	169
		-	-	MITSUBISHI	7-995	169
Cordia	2.0 L	01/1984	12/1985	MITSUBISHI	694	148
Delica	2.5L Diesel with 4D56 engine	01/1993	12/2003	MITSUBISHI	6-698	151
	2.8L Diesel with 4M40 engine	01/2000	12/2007	MITSUBISHI	6-698	151
	Cargo 2.5L Diesel with 4D56 engine	01/1994	12/2003	MITSUBISHI	6-698	151
	Space Gear 2.5L Diesel with 4D56 engine	01/1994	12/2003	MITSUBISHI	6-698	151
	Space Gear 2.8L Diesel with 4M40 engine	01/1995	12/2000	MITSUBISHI	6-698	151
	Truck 2.5L Diesel with 4D56 engine	01/1993	12/2003	MITSUBISHI	6-698	151
Eclipse	2.0 L	01/1995	12/1999	BOSCH	477	011
	2.0i 16V with 4G63 engine	04/1991	-	MITSUBISHI	1-699	152
		04/1991	-	MITSUBISHI	2-699	153
		04/1991	-	MITSUBISHI	4-699	153
		04/1991	-	MITSUBISHI	699	152
	I 2.0i 16V with 4G63 engine	04/1991	11/1995	MITSUBISHI	696	150

TABELA DE APLICAÇÃO
APPLICATION CHART

MITSUBISHI		de /from	until	M.Part./Starter	ZM	Pag.
Eclipse		01/2006	-	MITSUBISHI	3-995	168
Empilhadeira		-	-	MITSUBISHI	4-898	164
		-	-	MITSUBISHI	691	147
		-	-	MITSUBISHI	898	163
Fuso	6D10	-	-	MITSUBISHI	2-898	163
	6D11	-	-	MITSUBISHI	2-898	163
	6D14	-	-	MITSUBISHI	2-898	163
		-	-	MITSUBISHI	4-898	164
		-	-	MITSUBISHI	898	163
	6D15	-	-	MITSUBISHI	2-898	163
	FE Series 3.3L	01/1992	12/1995	DELCO REMY	6-407	072
	FE Series 3.9L	01/1992	12/1995	DELCO REMY	6-407	072
	FG Series 3.3L	01/1990	-	DELCO REMY	6-407	072
	FG Series 3.9L	01/1992	12/1995	DELCO REMY	6-407	072
	FH Series 4.9L	01/1988	12/1995	MITSUBISHI	1-898	163
	FK L6 6.6L 400cid	-	-	MITSUBISHI	1-842	158
	FK L6 7.5L 460cid	-	-	MITSUBISHI	1-842	158
	FK103J	-	-	MITSUBISHI	2-898	163
	FK115	-	-	MITSUBISHI	2-898	163
	FM L6 6.6L 400cid	-	-	MITSUBISHI	1-842	158
	FM L6 7.5L 460cid	-	-	MITSUBISHI	1-842	158
	FM215	-	-	MITSUBISHI	2-898	163
	Rosa	01/1978	12/1983	MITSUBISHI	2-898	163
		01/1978	-	MITSUBISHI	2-898	163
		-	-	MITSUBISHI	4-898	164
		-	-	MITSUBISHI	5-897	162
Fuso Canter		-	-	MITSUBISHI	4-898	164
		-	-	MITSUBISHI	5-897	162
		01/1990	-	MITSUBISHI	898	163
Galant	1.6	01/1985	12/1979	MITSUBISHI	798	157
	1.6 with 4G32 engine	11/1987	12/1991	MITSUBISHI	1-699	152
		11/1987	12/1991	MITSUBISHI	2-699	153
		11/1987	12/1991	MITSUBISHI	4-699	153
		11/1987	12/1991	MITSUBISHI	699	152
	1.8 with 4G37 engine	01/1990	-	MITSUBISHI	1-699	152
		01/1990	-	MITSUBISHI	2-699	153
		01/1990	-	MITSUBISHI	4-699	153
		01/1990	-	MITSUBISHI	699	152
		12/1987	12/1989	MITSUBISHI	798	157
	1600	06/1975	12/1987	MITSUBISHI	1-699	152
		06/1975	12/1987	MITSUBISHI	2-699	153
		06/1975	12/1987	MITSUBISHI	4-699	153
		06/1975	12/1987	MITSUBISHI	699	152
		06/1975	12/1979	MITSUBISHI	798	157
	1850	06/1975	12/1987	MITSUBISHI	1-699	152
		06/1975	12/1987	MITSUBISHI	2-699	153
		06/1975	12/1987	MITSUBISHI	4-699	153
		06/1975	12/1987	MITSUBISHI	699	152
		06/1975	12/1979	MITSUBISHI	798	157
	2.0 4WD	11/1922	-	MITSUBISHI	1-699	152
		11/1922	-	MITSUBISHI	2-699	153
		11/1922	-	MITSUBISHI	4-699	153
		11/1922	-	MITSUBISHI	699	152
	2.0 4WD AT	11/1922	-	MITSUBISHI	1-699	152
		11/1922	-	MITSUBISHI	2-699	153
		11/1922	-	MITSUBISHI	4-699	153
		11/1922	-	MITSUBISHI	699	152
	2.0 4WD with 4G63 engine	11/1992	-	MITSUBISHI	798	157
	2.0 AT	06/1986	12/1987	MITSUBISHI	1-699	152
		06/1986	12/1987	MITSUBISHI	2-699	153

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APPLICATION CHART

MITSUBISHI		de /from	until	M.Part./Starter	ZM	Pag.
Galant	2.0 AT	06/1986	12/1987	MITSUBISHI	4-699	153
		06/1986	12/1987	MITSUBISHI	699	152
		11/1984	05/1986	MITSUBISHI	796	156
	2.0 TD with 4D68 engine	11/1992	-	MITSUBISHI	893	160
	2.0 with 4G63 engine	11/1984	12/1979	MITSUBISHI	798	157
	2.0i	11/1987	10/1992	MITSUBISHI	1-699	152
		11/1987	10/1992	MITSUBISHI	2-699	153
		11/1987	10/1992	MITSUBISHI	4-699	153
		11/1987	10/1992	MITSUBISHI	699	152
	2.0i with 4G63 engine	11/1987	10/1992	MITSUBISHI	798	157
	2.3 TD	09/1980	01/1986	MITSUBISHI	893	160
	2.4i	06/1986	-	MITSUBISHI	1-699	152
		06/1986	-	MITSUBISHI	2-699	153
		06/1986	-	MITSUBISHI	4-699	153
		06/1986	-	MITSUBISHI	699	152
	2.4i with G64B engine	11/1984	05/1986	MITSUBISHI	796	156
	2000	01/1985	12/1979	MITSUBISHI	798	157
	2000 AT	01/1980	12/1987	MITSUBISHI	796	156
	2600 AT	09/1980	-	MITSUBISHI	796	156
	II 2.0 GLS with 4G63 engine	09/1980	05/1984	MITSUBISHI	691	147
	II 2.0 Turbo ECi with 4G63 T (ECI) engine	05/1982	05/1984	MITSUBISHI	691	147
	II Station Wagon 2.0 GLX with 4G63 engine	09/1980	06/1983	MITSUBISHI	691	147
	III 1.8 Turbo-D with 4D65 T engine	06/1984	12/1987	MITSUBISHI	692	147
	III 2.0	06/1986	12/1988	MITSUBISHI	696	150
	III 2.0 Turbo ECi with 4G63 T engine	06/1984	05/1985	MITSUBISHI	691	147
	III 2.3 GLS with G64B engine	07/1985	12/1987	MITSUBISHI	691	147
	IV 1.8	01/1990	-	MITSUBISHI	696	150
		01/1996	12/2000	MITSUBISHI	7-698	152
	IV 1.8 Turbo-D with 4D65 (Turbo) engine	12/1987	10/1992	MITSUBISHI	692	147
	IV 2.0 4X4 with 4G63 engine	04/1989	10/1992	MITSUBA	607	145
	IV 2.0 GTI 16V 4X4 Cat Lim with 4G63 engine	09/1991	10/1992	MITSUBISHI	691	147
	IV 2.0 GTI 16V with 4G63 engine	11/1988	10/1992	MITSUBISHI	691	147
	IV 2.0 GTi 16V 4X4 with 4G63 engine	11/1987	12/1992	MITSUBISHI	691	147
	IV 2.0i	11/1987	-	MITSUBISHI	696	150
	IV 2.4i	06/1986	-	MITSUBISHI	696	150
	V 2.5 V6-24 4x4 with 6G73 engine	11/1992	08/1996	MITSUBISHI	1-698	151
		11/1992	08/1996	MITSUBISHI	5-698	151
	V Saloon 2.5 V6-24 4x4 with 6G73 engine	11/1992	08/1996	MITSUBISHI	1-698	151
		11/1992	08/1996	MITSUBISHI	5-698	151
		-	-	MITSUBISHI	4-698	151
		-	-	MITSUBISHI	698	150
		01/2004	-	MITSUBISHI	3-995	168
L 200	2.5 D	-	-	MITSUBISHI	4-993	166
	2.5 TD 4X4	-	-	MITSUBISHI	4-993	166
	4WD	-	-	MITSUBISHI	4-993	166
	Cold Climate	01/1981	-	MITSUBISHI	1-699	152
		01/1981	-	MITSUBISHI	2-699	153
		01/1981	-	MITSUBISHI	4-699	153
		01/1981	-	MITSUBISHI	699	152
	D	01/1981	01/1990	MITSUBISHI	893	160
	Triton 2.5 D with 4D56 engine	01/2006	-	MITSUBISHI	6-698	151
		01/1981	-	MITSUBISHI	798	157
L 300	1.6 with 4G32 engine	09/1979	12/1990	MITSUBISHI	1-699	152
		09/1979	12/1990	MITSUBISHI	2-699	153
		09/1979	12/1990	MITSUBISHI	4-699	153
		09/1979	12/1990	MITSUBISHI	699	152
	1.8 with 4G62 engine	01/1981	12/1985	MITSUBISHI	798	157
	2.0	11/1986	12/1990	MITSUBISHI	1-699	152
		11/1986	12/1990	MITSUBISHI	2-699	153
		11/1986	12/1990	MITSUBISHI	4-699	153

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MITSUBISHI		de /from	until	M.Part./Starter	ZM	Pag.
L 300	2.0	11/1986	12/1990	MITSUBISHI	699	152
		01/1985	11/1986	MITSUBISHI	796	156
	2.0 with 4G63 engine	01/1981	05/1985	MITSUBISHI	798	157
	2.3 D with 4D55 engine	04/1983	02/1987	MITSUBISHI	893	160
	2.4	01/1991	-	MITSUBISHI	1-699	152
		01/1991	-	MITSUBISHI	2-699	153
		01/1991	-	MITSUBISHI	4-699	153
		01/1991	-	MITSUBISHI	699	152
	2.4 with 4G64 engine	11/1990	-	MITSUBISHI	798	157
	2.5 D	-	-	MITSUBISHI	4-993	166
	2.5 D with 4D56 engine	11/1986	-	MITSUBISHI	893	160
	2.5 TD	-	-	MITSUBISHI	4-993	166
	4X4	-	-	MITSUBISHI	4-993	166
	Box 1.6 with 4G32 engine	05/1980	-	MITSUBISHI	1-691	147
	Bus 1.6 with 4G32 engine	09/1981	02/1987	MITSUBISHI	1-691	147
	Flatbed / Chassis 1.6 with 4G32 engine	04/1983	04/1994	MITSUBISHI	1-691	147
L 400	2.5 D	-	-	MITSUBISHI	4-993	166
Lancer	1.2 with 4G16 engine	11/1983	12/1987	MITSUBISHI	1-699	152
		11/1983	12/1987	MITSUBISHI	2-699	153
		11/1983	12/1987	MITSUBISHI	4-699	153
		11/1983	12/1987	MITSUBISHI	699	152
	1.3 with 4G13 engine	04/1988	12/1991	MITSUBISHI	798	157
	1.3 with G13B engine	06/1986	04/1988	MITSUBISHI	1-699	152
		06/1986	04/1988	MITSUBISHI	2-699	153
		06/1986	04/1988	MITSUBISHI	4-699	153
		06/1986	04/1988	MITSUBISHI	699	152
	1.4 with 4G12 engine	07/1980	10/1983	MITSUBISHI	1-699	152
		07/1980	10/1983	MITSUBISHI	2-699	153
		07/1980	10/1983	MITSUBISHI	4-699	153
		07/1980	10/1983	MITSUBISHI	699	152
	1.5 with 4G15 engine	11/1983	04/1988	MITSUBISHI	1-699	152
		11/1983	04/1988	MITSUBISHI	2-699	153
		11/1983	04/1988	MITSUBISHI	4-699	153
		11/1983	04/1988	MITSUBISHI	699	152
	1.6 with 4G32 engine	06/1975	10/1983	MITSUBISHI	1-699	152
		06/1975	10/1983	MITSUBISHI	2-699	153
		06/1975	10/1983	MITSUBISHI	4-699	153
		06/1975	10/1983	MITSUBISHI	699	152
	1.6 with 4G61 engine	04/1988	05/1992	MITSUBISHI	798	157
	1.8 4WD	11/1986	-	MITSUBISHI	798	157
	1.8 GTi with 4G61 engine	01/1988	12/1991	MITSUBISHI	1-699	152
		01/1988	12/1991	MITSUBISHI	2-699	153
		01/1988	12/1991	MITSUBISHI	4-699	153
		01/1988	12/1991	MITSUBISHI	699	152
	1.8i	01/1990	-	MITSUBISHI	798	157
	1200	06/1975	10/1983	MITSUBISHI	1-699	152
		06/1975	10/1983	MITSUBISHI	2-699	153
		06/1975	10/1983	MITSUBISHI	4-699	153
		06/1975	10/1983	MITSUBISHI	699	152
	1400	06/1975	10/1983	MITSUBISHI	1-699	152
		06/1975	10/1983	MITSUBISHI	2-699	153
		06/1975	10/1983	MITSUBISHI	4-699	153
		06/1975	10/1983	MITSUBISHI	699	152
	1600	06/1975	10/1983	MITSUBISHI	1-699	152
		06/1975	10/1983	MITSUBISHI	2-699	153
		06/1975	10/1983	MITSUBISHI	4-699	153
		06/1975	10/1983	MITSUBISHI	699	152
	2.0L Diesel with 4D68 engine	01/1995	12/1998	MITSUBISHI	6-698	151
	Estate 1.6L	09/2003	-	MITSUBISHI	7-698	152
	I 2.0 Turbo ECi with 4G32 T (ECI) engine	03/1981	02/1983	MITSUBISHI	691	147

TABELA DE APLICAÇÃO
APPLICATION CHART

MITSUBISHI		de /from	until	M.Part./Starter	ZM	Pag.
Lancer	III 1.8 Diesel with 4D65 (BJ84-86) engine	01/1984	09/1986	MITSUBISHI	692	147
	III 1.8 Diesel with 4D65 (BJ86-92) engine	09/1986	04/1998	MITSUBISHI	692	147
	III 1.8 Gti	01/1988	12/1992	MITSUBISHI	696	150
	III Station Wagon 1.8 4x4 with G37B engine	01/1987	08/1989	MITSUBISHI	692	147
	IV 1.6 16V	12/1995	08/2003	MITSUBISHI	7-698	152
	IV 1.8 GLXi 4X4 with 4G37 engine	09/1989	06/1992	MITSUBA	607	145
	IV 1.8 GTi 16V with 4G67 engine	11/1989	05/1992	MITSUBISHI	691	147
	IV 1.8 GTi 16V with 4G93 engine	06/1992	12/1993	MITSUBISHI	691	147
	Saloon 1.3 L	09/2003	-	MITSUBISHI	7-698	152
	Saloon 1.6 L	09/2003	-	MITSUBISHI	7-698	152
		01/2004	-	MITSUBISHI	3-995	168
		01/2009	-	MITSUBISHI	4-995	168
		-	-	MITSUBISHI	6-995	169
		01/2009	-	MITSUBISHI	7-995	169
Lift	Truck	-	-	MITSUBISHI	898	163
		-	-	MITSUBISHI	4-898	164
		-	-	MITSUBISHI	691	147
Mirage	2.0 D with 4D68 engine	01/1995	12/1998	MITSUBISHI	6-698	151
		-	-	MITSUBISHI	6-995	169
Montero	2.6 L	01/1984	12/1986	MITSUBISHI	694	148
OSGR Starters motor Series		-	-	DELCO REMY	6-407	072
Onan	with DL3 engine	-	-	MITSUBISHI	894	160
	with L317D engine	-	-	MITSUBISHI	894	160
	with L423 engine	-	-	MITSUBISHI	894	160
	with L634 engine	-	-	MITSUBISHI	894	160
	with MDL3 engine	-	-	MITSUBISHI	894	160
	with MDL4 engine	-	-	MITSUBISHI	894	160
Outlander		08/2007	-	BOSCH	4-382	007
		01/2004	-	MITSUBISHI	3-995	168
		01/2006	12/2012	MITSUBISHI	4-995	168
		01/2006	12/2012	MITSUBISHI	7-995	169
Pajero	2.0	12/1982	-	MITSUBISHI	1-699	152
		12/1982	-	MITSUBISHI	2-699	153
		12/1982	-	MITSUBISHI	4-699	153
		12/1982	-	MITSUBISHI	699	152
	2.3 D with 4D55 engine	04/1983	05/1986	MITSUBISHI	893	160
	2.3 TD with 4D55 engine	12/1990	-	MITSUBISHI	893	160
	2.4 with 4G64 engine	12/1990	05/1994	MITSUBISHI	798	157
	2.5 D with 4D56 engine	06/1986	11/1989	MITSUBISHI	893	160
	2.5 TD	-	-	MITSUBISHI	4-993	166
	2.6	05/1986	-	MITSUBISHI	1-699	152
		05/1986	-	MITSUBISHI	2-699	153
		05/1986	-	MITSUBISHI	4-699	153
		05/1986	-	MITSUBISHI	699	152
		01/1982	10/1988	MITSUBISHI	796	156
	2.6 with 4G53 engine	01/1982	-	MITSUBISHI	798	157
	2.8 D	07/1998	01/2001	MITSUBISHI	4-993	166
	2.8 Diesel with 4M40 engine	01/1995	12/2007	MITSUBISHI	6-698	151
	3.2 Diesel with 4M40 engine	01/1995	12/2007	MITSUBISHI	6-698	151
	I 2.0	11/1988	-	MITSUBISHI	696	150
	I 2.5 TD with 4D56 T engine	11/1989	11/1990	MITSUBA	607	145
	I 2.6	05/1986	-	MITSUBISHI	696	150
	I 3.0 V6 with 6G72 engine	11/1988	11/1990	MITSUBISHI	1-698	151
		11/1988	11/1990	MITSUBISHI	5-698	151
	II 3.0 V6 24V with 6G72 engine	06/1997	04/2000	MITSUBISHI	1-698	151
		06/1997	04/2000	MITSUBISHI	5-698	151
	II 3.0 V6 with 6G72 engine	12/1990	12/1995	MITSUBISHI	1-698	151
		12/1990	12/1995	MITSUBISHI	5-698	151
	II 3.5 V6 24V	06/1994	04/2000	MITSUBISHI	1-698	151

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MITSUBISHI		de /from	until	M.Part./Starter	ZM	Pag.
Pajero	II 3.5 V6 24V	06/1994	04/2000	MITSUBISHI	5-698	151
	II Open Off-Road Vehicle 1.8 GDI	06/1998	04/2000	MITSUBISHI	7-698	152
	II Open Off-Road Vehicle 3.0 V6 with 6G72 engine	12/1990	12/1995	MITSUBISHI	1-698	151
		12/1990	12/1995	MITSUBISHI	5-698	151
	Sport 3.0 V6	11/1998	-	MITSUBISHI	1-698	151
		11/1998	-	MITSUBISHI	5-698	151
		-	-	MITSUBISHI	698	150
		-	-	MITSUBISHI	4-698	151
Pajero Pinin	1.8 GDI	10/1999	-	MITSUBISHI	7-698	152
	1.8 L	11/2001	-	MITSUBISHI	7-698	152
	2.0 GDI	10/2000	-	MITSUBISHI	7-698	152
Pajero TR4	2.0 16V	01/2002	-	MITSUBISHI	7-698	152
		-	-	MITSUBISHI	6-995	169
Pick-up	2.0 L	01/1983	12/1984	MITSUBISHI	694	148
		01/1984	12/1986	MITSUBISHI	796	156
	2.3 L diesel	01/1983	-	MITSUBISHI	893	160
	2.6 L	01/1983	12/1984	MITSUBISHI	694	148
		01/1984	12/1986	MITSUBISHI	796	156
Rosa	BE 436	01/1995	-	MITSUBISHI	2-896	161
	BE 438	01/1995	-	MITSUBISHI	2-896	161
	BE 439	01/1995	-	MITSUBISHI	2-896	161
	BE 449	01/1995	-	MITSUBISHI	2-896	161
	BE 459	01/1995	-	MITSUBISHI	2-896	161
	BG 438	01/1995	-	MITSUBISHI	2-896	161
Sapporo	1600	11/1976	11/1984	MITSUBISHI	1-699	152
		11/1976	11/1984	MITSUBISHI	2-699	153
		11/1976	11/1984	MITSUBISHI	4-699	153
		11/1976	11/1984	MITSUBISHI	699	152
	2000	11/1976	11/1984	MITSUBISHI	1-699	152
		11/1976	11/1984	MITSUBISHI	2-699	153
		11/1976	11/1984	MITSUBISHI	4-699	153
		11/1976	11/1984	MITSUBISHI	699	152
	2000i Turbo	11/1976	11/1984	MITSUBISHI	1-699	152
		11/1976	11/1984	MITSUBISHI	2-699	153
		11/1976	11/1984	MITSUBISHI	4-699	153
		11/1976	11/1984	MITSUBISHI	699	152
Sigma	3.0 V6 with 6G72 engine	12/1990	07/1996	MITSUBISHI	1-698	151
		12/1990	07/1996	MITSUBISHI	5-698	151
	Station Wagon 3.0 V6 with 6G72 engine	01/1993	07/1996	MITSUBISHI	1-698	151
		01/1993	07/1996	MITSUBISHI	5-698	151
		-	-	MITSUBISHI	4-698	151
		-	-	MITSUBISHI	698	150
Space	Gear 2.0i AT	01/1995	08/1996	MITSUBISHI	1-699	152
		01/1995	08/1996	MITSUBISHI	2-699	153
		01/1995	08/1996	MITSUBISHI	4-699	153
		01/1995	08/1996	MITSUBISHI	699	152
	Gear 2.0i with 4G63 engine	01/1995	09/1996	MITSUBISHI	798	157
	Gear 2.4i with 4G64 engine	01/1995	08/1996	MITSUBISHI	1-699	152
		01/1995	08/1996	MITSUBISHI	2-699	153
		01/1995	08/1996	MITSUBISHI	4-699	153
		01/1995	08/1996	MITSUBISHI	699	152
	Gear 2.5 D	-	-	MITSUBISHI	4-993	166
	Gear 2.5 TD 4x4 with 4D56 TD engine	05/1995	-	MITSUBISHI	692	147
	Gear 2.5 TD with 4D56 TD engine	05/1995	-	MITSUBISHI	692	147
	Runner 1.8i with 4G93 engine	06/1991	05/1992	MITSUBISHI	798	157
	Runner 2.0 TD	05/1996	-	MITSUBISHI	893	160
	Wagon 1.8	06/1987	05/1991	MITSUBISHI	1-699	152
		06/1987	05/1991	MITSUBISHI	2-699	153
		06/1987	05/1991	MITSUBISHI	4-699	153

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MITSUBISHI		de /from	until	M.Part./Starter	ZM	Pag.
Space	Wagon 1.8	06/1987	05/1991	MITSUBISHI	696	150
		06/1987	05/1991	MITSUBISHI	699	152
	Wagon 1.8 TD	06/1987	05/1991	MITSUBISHI	893	160
	Wagon 1.8 TD with 4D65 (Turbo) engine	06/1986	-	MITSUBISHI	692	147
	Wagon 1.8 TD with 4D65 engine	05/1991	05/1992	MITSUBISHI	893	160
	Wagon 1.8 with 4G37 engine	10/1983	05/1991	MITSUBISHI	798	157
	Wagon 1.8 with 4G93 engine	05/1991	-	MITSUBISHI	1-699	152
		05/1991	-	MITSUBISHI	2-699	153
		05/1991	-	MITSUBISHI	4-699	153
		05/1991	-	MITSUBISHI	699	152
	Wagon 2.0	06/1987	05/1991	MITSUBISHI	1-699	152
		06/1987	05/1991	MITSUBISHI	2-699	153
		06/1987	05/1991	MITSUBISHI	4-699	153
		06/1987	05/1991	MITSUBISHI	696	150
		06/1987	05/1991	MITSUBISHI	699	152
		02/1985	05/1991	MITSUBISHI	796	156
	Wagon 2.0 AT	10/1992	-	MITSUBISHI	1-699	152
		10/1992	-	MITSUBISHI	2-699	153
		10/1992	-	MITSUBISHI	4-699	153
		10/1992	-	MITSUBISHI	699	152
	Wagon 2.0 TD	05/1996	-	MITSUBISHI	893	160
	Wagon 2.0 with 4G63 engine	02/1985	05/1991	MITSUBISHI	798	157
	Wagon 2.0i	02/1985	05/1991	MITSUBISHI	796	156
	Wagon 2.0i wit 4G63 engine	02/1985	05/1991	MITSUBISHI	798	157
	Wagon 2.4	06/1992	-	MITSUBISHI	696	150
	Wagon 2.4 AT	06/1992	-	MITSUBISHI	1-699	152
		06/1992	-	MITSUBISHI	2-699	153
		06/1992	-	MITSUBISHI	4-699	153
		06/1992	-	MITSUBISHI	699	152
	Wagon 2.4 with 4G64 engine	06/1992	-	MITSUBISHI	1-699	152
		06/1992	-	MITSUBISHI	2-699	153
		06/1992	-	MITSUBISHI	4-699	153
		06/1992	-	MITSUBISHI	699	152
Space Star		-	-	MITSUBISHI	6-995	169
Starion	2.6	12/1989	-	MITSUBISHI	696	150
	2.6 L	01/1984	12/1989	MITSUBISHI	694	148
	2.6 Turbo ECi with G54B T/C engine	09/1987	06/1990	MITSUBISHI	691	147
	2.6i	12/1989	-	MITSUBISHI	1-699	152
		12/1989	-	MITSUBISHI	2-699	153
		12/1989	-	MITSUBISHI	4-699	153
		12/1989	-	MITSUBISHI	699	152
	2.6i with G54B engine	06/1986	12/1989	MITSUBISHI	796	156
	2000i Turbo	03/1982	05/1988	MITSUBISHI	1-699	152
		03/1982	05/1988	MITSUBISHI	2-699	153
		03/1982	05/1988	MITSUBISHI	4-699	153
		03/1982	05/1988	MITSUBISHI	699	152
	2000i Turbo AT	05/1982	05/1988	MITSUBISHI	796	156
Strada	2.5 D with 4D56 engine	01/1995	12/2003	MITSUBISHI	6-698	151
Tredia	1.4	10/1982	10/1985	MITSUBISHI	798	157
	1.5	10/1982	10/1985	MITSUBISHI	798	157
	1.8 with 4G37 engine	09/1984	11/1987	MITSUBISHI	798	157
	2.0 L	01/1984	12/1985	MITSUBISHI	694	148
Truck		01/1980	-	MITSUBISHI	2-898	163
		-	-	MITSUBISHI	4-898	164
		-	-	MITSUBISHI	898	163

MIURA		de /from	until	M.Part./Starter	ZM	Pag.
Top Sport	2.0	04/1990	12/2000	BOSCH	571	020

MOTOR TIETÊ		de /from	until	M.Part./Starter	ZM	Pag.
RD 900		-	05/1981	BOSCH	521	012

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MOTOR TIETÊ		de /from	until	M.Part./Starter	ZM	Pag.
RD 900		09/1992	-	BOSCH	580	024
RD 900L		-	05/1981	BOSCH	521	012
		09/1992	-	BOSCH	571	020
		09/1992	-	BOSCH	580	024
RD 950		-	05/1981	BOSCH	521	012
		09/1992	-	BOSCH	571	020
		09/1992	-	BOSCH	580	024
RD 950L		-	05/1981	BOSCH	521	012
		09/1992	-	BOSCH	571	020
		09/1992	-	BOSCH	580	024
MUZZI		de /from	until	M.Part./Starter	ZM	Pag.
MD 100		06/1979	-	BOSCH	643	032
MD 20		06/1979	-	BOSCH	643	032
MDS 110		03/1982	-	BOSCH	643	032
MDS 44		03/1982	-	BOSCH	643	032
MDV 35		01/1988	-	BOSCH	643	032
MWM		de /from	until	M.Part./Starter	ZM	Pag.
RHS 518	Diesel engine 8.3L 3 cil.	01/1965	07/1970	BOSCH	4-903	056
MÜLLER		de /from	until	M.Part./Starter	ZM	Pag.
RT 62 H	com motor D 229-3	01/1995	-	BOSCH	531	014
		01/1995	-	BOSCH	531	015
		01/1995	-	BOSCH	631	027
RT 82 H	com motor D 229-3	07/1990	-	BOSCH	531	014
		07/1990	-	BOSCH	531	015
		07/1990	-	BOSCH	631	027
TM 12	com motor TD 229 EC-6	04/1989	-	BOSCH	632	027
TM 14	com motor TD 229 EC-4	04/1989	-	BOSCH	632	027
VAP 55	com motor D 229-4	03/1990	-	BOSCH	531	014
		03/1990	-	BOSCH	531	015
		03/1990	-	BOSCH	631	027
	com motor TD 229 EC-4	04/1992	-	BOSCH	531	014
		04/1992	-	BOSCH	531	015
		04/1992	-	BOSCH	631	027
VIBRO RT 62	com motor D 229-3	01/1981	-	BOSCH	531	014
		01/1981	-	BOSCH	531	015
		01/1981	-	BOSCH	631	027
VIBRO RT 82	com motor D 229-3	01/1981	-	BOSCH	531	014
		01/1981	-	BOSCH	531	015
		01/1981	-	BOSCH	631	027
NEW HOLLAND		de /from	until	M.Part./Starter	ZM	Pag.
1100		01/1985	12/1989	LUCAS	1-610	131
1116		01/1982	12/1987	LUCAS	1-610	131
8040	com motor OM 352	01/1984	07/1989	BOSCH	531	014
		01/1984	07/1989	BOSCH	531	015
		01/1984	07/1989	BOSCH	631	027
8055	com motor OM 352 A	01/1984	07/1989	BOSCH	531	014
		01/1984	07/1989	BOSCH	531	015
		01/1984	07/1989	BOSCH	631	027
Backhoes	LB110 with 4-304 engine	-	-	BOSCH	8-640	032
	LB75 with 4-304 engine	-	-	BOSCH	8-640	032
	LB90 with 4-304 engine	-	-	BOSCH	8-640	032
Balers	1426 with Caterpillar engine	01/1986	12/1988	DELCO REMY	805	087
	1426 with Perkins engine	01/1982	12/1984	DELCO REMY	805	087
	1495 with Perkins engine	01/1982	12/1984	DELCO REMY	805	087
Colheitadeira	TF42 with 678 HTA Ford engine	12/1986	12/2001	BOSCH	1-831	049
	TR86 with 678 HTA Ford engine	01/1989	01/2004	BOSCH	1-831	049
	TR96 with 678 HTA Ford engine	01/1986	01/2001	BOSCH	1-831	049
	TX34 with 678 HTA Ford engine	06/1986	06/2001	BOSCH	1-831	049

TABELA DE APLICAÇÃO
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NEW HOLLAND		de /from	until	M.Part./Starter	ZM	Pag.
Colheitadeira	TX36 with 678 HTA Ford engine	12/1986	12/2001	BOSCH	1-831	049
	TX66 with 6-456 Ford diesel engine	01/1994	12/1996	DELCO REMY	2-352	066
		01/1995	12/1996	DELCO REMY	2-352	066
		01/1994	12/1996	DELCO REMY	2-452	079
		01/1995	12/1996	DELCO REMY	2-452	079
Crawlers	TK76 with 4-220 Ford diesel engine	-	-	BOSCH	8-640	032
	TK85 with 4-238 Ford diesel engine	-	-	BOSCH	8-640	032
Escavadeira	LB110 com motor 4-304	-	-	BOSCH	8-640	032
	LB75 com motor 4-304	-	-	BOSCH	8-640	032
	LB90 com motor 4-304	-	-	BOSCH	8-640	032
Grader RG 140.B	com motor Cummins B 4 cilindros	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
	com motor Cummins B 6 cilindros	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
	with 4 cylinders Cummins B engine	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	with 6 cylinders Cummins B engine	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
Grader RG 170.B	com motor Cummins B 4 cilindros	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
	com motor Cummins B 6 cilindros	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
	with 4 cylinders Cummins B engine	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	with 6 cylinders Cummins B engine	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
Harvester 1900	with Caterpillar 3306 engine	-	-	PRESTOLITE	486	177
Motoniveladora RG 140.B	com motor Cummins B 4 cilindros	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	com motor Cummins B 6 cilindros	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	with 4 cylinders Cummins B engine	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
	with 6 cylinders Cummins B engine	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
Motoniveladora RG 170.B	com motor Cummins B 4 cilindros	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	com motor Cummins B 6 cilindros	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	with 4 cylinders Cummins B engine	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
	with 6 cylinders Cummins B engine	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
Pá Carregadeira	com motor Cummins B 4 cilindros					

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NEW HOLLAND		de /from	until	M.Part./Starter	ZM	Pag.
Pá Carregadeira W130	com motor Cummins B 4 cilindros	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
	com motor Cummins B 6 cilindros	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
	with 4 cylinders Cummins B engine	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
	with 6 cylinders Cummins B engine	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
Série (Series) TL	TL 100 com motor 8045.25K.214	09/1997	-	BOSCH	8-640	032
	TL 100 with 8045.25K.214 engine	09/1997	-	BOSCH	8-640	032
	TL 70 com motor 8045.06.220	09/1997	-	BOSCH	8-640	032
	TL 70 with 8045.06.220 engine	09/1997	-	BOSCH	8-640	032
	TL 80 com motor 8045.25.214	09/1997	-	BOSCH	8-640	032
	TL 80 with 8045.25.214 engine	09/1997	-	BOSCH	8-640	032
	TL 90 com motor 8045.25.210	09/1997	-	BOSCH	8-640	032
	TL 90 with 8045.25.210 engine	09/1997	-	BOSCH	8-640	032
TL 60E	MWM D229-3	03/2012	-	DELCO REMY	3-818	091
TL 75E	MWM D229-4	03/2012	-	DELCO REMY	3-818	091
TL 85E	MWM TD229-4 Low Turbo	03/2012	-	DELCO REMY	3-818	091
TL 95E	MWM TD229 EC-4	03/2012	-	DELCO REMY	3-818	091
TM120		-	-	ISKRA	825	129
TM125		-	-	ISKRA	825	129
TM150		-	-	ISKRA	825	129
TM165		-	-	ISKRA	825	129
TR 86	with Caterpillar 3208 engine	-	-	PRESTOLITE	486	177
TR 96	with Caterpillar 3208 engine	-	-	PRESTOLITE	486	177
TS115		-	-	ISKRA	825	129
TV140		-	-	ISKRA	825	129
Tractor	1910 with 3-104 Shibaura diesel engine	01/1983	12/1986	HITACHI	687	117
		01/1983	12/1986	HITACHI	783	123
	2110 with 4-138 Shibaura diesel engine	01/1983	12/1987	HITACHI	687	117
		01/1983	12/1987	HITACHI	783	123
	3010S with 3-165 Ford diesel engine	01/1996	01/2000	BOSCH	6-640	031
	3830N with 3-165 Ford diesel engine	01/1992	01/1999	BOSCH	6-640	031
	4010S	01/1996	01/2000	BOSCH	6-640	031
	4030N with 3-179 Ford diesel engine	01/1992	01/1997	BOSCH	6-640	031
	4610 with 3-201 Ford diesel engine	01/1982	12/1989	HITACHI	687	117
		01/1982	12/1989	HITACHI	783	123
	5010S	01/1996	01/2000	BOSCH	6-640	031
	8670 with 6-456 Ford diesel engine	01/1993	12/1999	DELCO REMY	2-352	066
		01/1993	12/1999	DELCO REMY	2-452	079
	8770 with 6-456 Ford diesel engine	01/1993	12/1999	DELCO REMY	2-352	066
		01/1993	12/1999	DELCO REMY	2-452	079
	8870 with 6-456 Ford diesel engine	01/1993	12/1999	DELCO REMY	2-352	066
		01/1993	12/1999	DELCO REMY	2-452	079
	8970 with 6-456 Ford diesel engine	01/1993	12/1999	DELCO REMY	2-352	066
		01/1993	12/1999	DELCO REMY	2-452	079
	9280 with Cummins LT-10A engine	01/1994	12/1996	DELCO REMY	2-356	068
		01/1994	12/1996	DELCO REMY	2-456	081
	9282 with Cummins 6CTA engine	01/1996	12/1997	DELCO REMY	2-356	068
		01/1996	12/1997	DELCO REMY	2-456	081
	9480 with Cummins NTA-855 engine	01/1994	12/1996	DELCO REMY	2-356	068
		01/1994	12/1996	DELCO REMY	2-456	081
	9482 with Cummins M11 engine	01/1996	12/1997	DELCO REMY	2-356	068
		01/1996	12/1997	DELCO REMY	2-456	081
	9680 with Cummins NTA-855 engine	01/1994	12/1996	DELCO REMY	2-356	068
		01/1994	12/1996	DELCO REMY	2-456	081
	9682 with Cummins N14 engine	01/1996	12/1997	DELCO REMY	2-356	068
		01/1996	12/1997	DELCO REMY	2-456	081

TABELA DE APLICAÇÃO
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NEW HOLLAND		de /from	until	M.Part./Starter	ZM	Pag.
Tractor	9880 with Cummins NTA-855 engine	01/1994	12/1996	DELCO REMY	2-356	068
		01/1994	12/1996	DELCO REMY	2-456	081
	TN55	-	-	BOSCH	6-640	031
	TN60 2.9L with 3 cylinders engine	-	-	BOSCH	6-640	031
		-	-	BOSCH	1-640	031
Trator	4230N com motor Ford 4-220 diesel	01/1992	01/1997	BOSCH	8-640	032
	4330V com motor Ford 6-220 diesel	01/1997	01/2000	BOSCH	8-640	032
	Esteira TK76 com motor Ford 4-220 diesel	-	-	BOSCH	8-640	032
	Esteira TK85 com motor Ford 4-238 diesel	-	-	BOSCH	8-640	032
	Gamalta	-	-	BOSCH	632	027
		-	-	BOSCH	1-640	031
W130	com motor Cummins B 4 cilindros	-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	com motor Cummins B 6 cilindros	-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
Wheel Loader W130	com motor Cummins B 4 cilindros	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
	com motor Cummins B 6 cilindros	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
	with 4 cylinders Cummins B engine	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075
	with 6 cylinders Cummins B engine	-	-	DELCO REMY	1-818	090
		-	-	DELCO REMY	1-818	091
		-	-	DELCO REMY	3-409	075
		-	-	DELCO REMY	409	075

NISSAN		de /from	until	M.Part./Starter	ZM	Pag.
0	1.6 16V	01/1993	12/2003	BOSCH	4-777	048
		01/1993	12/2003	BOSCH	5-775	047
	Automatic	01/1993	-	BOSCH	6-473	009
100	NX 1.6 (Autom) with GA16DS engine	03/1990	10/1994	MITSUBISHI	4-792	154
		03/1990	10/1994	MITSUBISHI	792	154
	NX 1.6 with GA16 engine	10/1990	-	MITSUBISHI	799	157
	NX 2.0 GTI with SR20DE engine	03/1991	10/1994	MITSUBISHI	4-793	155
		03/1991	10/1994	MITSUBISHI	793	154
200	L	01/1972	12/1980	HITACHI	711	119
	SX 1.8 L	01/1984	12/1988	HITACHI	682	116
		01/1984	12/1988	HITACHI	685	117
		01/1984	12/1986	HITACHI	710	118
	SX 2.0 L	01/1981	-	HITACHI	1-782	123
		01/1977	12/1980	HITACHI	1-784	124
		01/1995	12/1997	HITACHI	2-719	122
		01/1977	12/1980	HITACHI	581	114
		01/1977	12/1980	HITACHI	680	115
		01/1980	12/1986	HITACHI	682	116
		01/1980	12/1986	HITACHI	685	117
		01/1984	12/1986	HITACHI	710	118
		01/1981	-	HITACHI	782	123
		01/1977	12/1980	HITACHI	784	124
	SX 2.2 L	01/1982	12/1983	HITACHI	1-782	123
		01/1982	12/1983	HITACHI	782	123
210	1.2 L	01/1979	12/1982	HITACHI	682	116
		01/1979	12/1982	HITACHI	685	117
	1.4 L	01/1979	12/1982	HITACHI	682	116
		01/1979	12/1982	HITACHI	685	117
	1.5 L	01/1980	12/1982	HITACHI	682	116
		01/1980	12/1982	HITACHI	685	117
2300	Pick-up D with SD23 engine	09/1985	10/1987	HITACHI	980	125

TABELA DE APLICAÇÃO
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NISSAN		de /from	until	M.Part./Starter	ZM	Pag.
240	L	01/1977	12/1980	HITACHI	711	119
	SX 2.4 L	01/1989	12/1995	MITSUBISHI	4-793	155
		01/1989	12/1995	MITSUBISHI	793	154
	Z	01/1972	12/1977	HITACHI	711	119
2400	Pick-up with KA24E engine	04/1992	-	MITSUBISHI	794	155
2500	Pick-up D with SD25 engine	09/1985	10/1987	HITACHI	980	125
260	Z	01/1972	12/1977	HITACHI	711	119
280	C	01/1978	12/1983	HITACHI	711	119
	Z 2.8 L	01/1978	12/1983	HITACHI	1-784	124
		01/1978	12/1983	HITACHI	581	114
		01/1978	12/1983	HITACHI	680	115
		01/1978	12/1983	HITACHI	682	116
		01/1978	12/1983	HITACHI	685	117
		01/1978	12/1983	HITACHI	784	124
	ZX 2.8 L	01/1978	12/1983	HITACHI	1-784	124
		01/1978	12/1983	HITACHI	581	114
		01/1978	12/1983	HITACHI	680	115
		01/1978	12/1983	HITACHI	682	116
		01/1978	12/1983	HITACHI	685	117
		01/1978	12/1983	HITACHI	784	124
310	1.4 L	01/1979	12/1980	HITACHI	682	116
		01/1979	12/1980	HITACHI	685	117
	1.5 L	01/1981	-	HITACHI	682	116
		01/1981	-	HITACHI	685	117
		01/1982	-	HITACHI	710	118
510	1.6 L	01/1968	12/1973	HITACHI	1-684	116
		01/1968	12/1973	HITACHI	1-784	124
		01/1968	12/1973	HITACHI	582	114
		01/1968	12/1973	HITACHI	681	115
		01/1968	12/1973	HITACHI	683	116
		01/1968	12/1973	HITACHI	684	116
		01/1968	12/1973	HITACHI	784	124
	2.0 L	01/1980	12/1981	HITACHI	1-782	123
		01/1978	12/1979	HITACHI	1-784	124
		01/1978	12/1979	HITACHI	581	114
		01/1978	12/1979	HITACHI	680	115
		01/1980	12/1981	HITACHI	682	116
		01/1980	12/1981	HITACHI	685	117
		01/1980	12/1981	HITACHI	782	123
		01/1978	12/1979	HITACHI	784	124
610	1.8 L	01/1973	-	HITACHI	1-684	116
		01/1973	-	HITACHI	1-784	124
		01/1973	-	HITACHI	581	114
		01/1973	-	HITACHI	582	114
		01/1973	-	HITACHI	680	115
		01/1973	-	HITACHI	681	115
		01/1973	-	HITACHI	683	116
		01/1973	-	HITACHI	684	116
		01/1973	-	HITACHI	784	124
	2.0 L	01/1974	12/1976	HITACHI	1-684	116
		01/1974	01/1976	HITACHI	1-784	124
		01/1974	12/1976	HITACHI	1-784	124
		01/1974	01/1976	HITACHI	581	114
		01/1974	12/1976	HITACHI	582	114
		01/1974	01/1976	HITACHI	680	115
		01/1974	12/1976	HITACHI	681	115
		01/1974	12/1976	HITACHI	683	116
		01/1974	12/1976	HITACHI	684	116
		01/1974	01/1976	HITACHI	784	124
		01/1974	12/1976	HITACHI	784	124

TABELA DE APLICAÇÃO
APPLICATION CHART

NISSAN		de /from	until	M.Part./Starter	ZM	Pag.
620	Pick-up 1.8 L	01/1974	-	HITACHI	1-684	116
		01/1974	-	HITACHI	1-784	124
		01/1974	-	HITACHI	581	114
		01/1974	-	HITACHI	582	114
		01/1974	-	HITACHI	680	115
		01/1974	-	HITACHI	681	115
		01/1974	-	HITACHI	683	116
		01/1974	-	HITACHI	684	116
		01/1974	-	HITACHI	784	124
	Pick-up 2.0 L	01/1975	12/1979	HITACHI	1-684	116
		01/1975	12/1979	HITACHI	1-784	124
		01/1975	12/1979	HITACHI	581	114
		01/1975	12/1979	HITACHI	582	114
		01/1975	12/1979	HITACHI	680	115
		01/1975	12/1979	HITACHI	681	115
		01/1975	12/1979	HITACHI	683	116
		01/1975	12/1979	HITACHI	684	116
		01/1975	12/1979	HITACHI	784	124
710	1.8 L	01/1974	-	HITACHI	1-684	116
		01/1974	-	HITACHI	1-784	124
		01/1974	-	HITACHI	581	114
		01/1974	-	HITACHI	582	114
		01/1974	-	HITACHI	680	115
		01/1974	-	HITACHI	681	115
		01/1974	-	HITACHI	683	116
		01/1974	-	HITACHI	684	116
		01/1974	-	HITACHI	784	124
	2.0 L	01/1975	12/1977	HITACHI	1-684	116
		01/1975	12/1977	HITACHI	1-784	124
		01/1975	12/1977	HITACHI	582	114
		01/1975	12/1977	HITACHI	681	115
		01/1975	12/1977	HITACHI	683	116
		01/1975	12/1977	HITACHI	684	116
		01/1975	12/1977	HITACHI	784	124
720	Pick-up 2.2 L with diesel engine	01/1981	12/1983	HITACHI	1-782	123
		01/1981	12/1983	HITACHI	782	123
	Pick-up 2.4 L with diesel engine	01/1983	12/1986	HITACHI	1-782	123
		01/1983	12/1986	HITACHI	782	123
Almera	1.4i with CA14DE engine	07/1995	-	MITSUBISHI	799	157
	1.5L T DSL N16E	01/2002	-	MITSUBISHI	6-993	167
	1.6i with GA16DE engine	07/1995	-	MITSUBISHI	799	157
		04/1996	-	HITACHI	2-719	122
		01/2003	12/2009	MITSUBISHI	1-698	151
Altima	2.4 L	01/1998	12/2001	MITSUBISHI	3-695	149
	2.4 L A/T	01/1991	12/1991	MITSUBISHI	3-695	149
	2.5 L A/T	01/2002	12/2003	MITSUBISHI	4-695	149
	2.5 L M/T	01/1998	12/2001	MITSUBISHI	3-695	149
Bluebird	1.8 Coupe with L18T engine	01/1980	05/1984	HITACHI	1-784	124
		01/1980	05/1984	HITACHI	581	114
		01/1980	05/1984	HITACHI	680	115
		01/1980	05/1984	HITACHI	784	124
		01/1980	05/1984	MITSUBISHI	692	147
	1.8 with L18 engine	07/1974	11/1979	HITACHI	1-784	124
		07/1974	11/1979	HITACHI	581	114
		07/1974	11/1979	HITACHI	680	115
		07/1974	11/1979	HITACHI	784	124
		07/1974	11/1979	MITSUBISHI	692	147
	1.8 with L18S engine	01/1980	05/1984	HITACHI	1-784	124
		01/1980	05/1984	HITACHI	581	114
		01/1980	05/1984	HITACHI	680	115

TABELA DE APLICAÇÃO
APPLICATION CHART

NISSAN		de /from	until	M.Part./Starter	ZM	Pag.
Bluebird	1.8 with L18S engine	01/1980	05/1984	HITACHI	784	124
		01/1980	05/1984	MITSUBISHI	692	147
Bus		-	-	SAWAFUJI	1-855	182
Caball	YC340 with ED30 diesel engine	-	-	HITACHI	2-689	118
Cabstar	2.5 D	02/1986	-	HITACHI	980	125
	F20 2.0	01/1979	01/1981	MITSUBISHI	690	147
	F22 1.6 with Z16 engine	01/1982	-	HITACHI	711	119
	F22 2.0 with Z20 engine	01/1982	12/1988	HITACHI	711	119
		-	-	HITACHI	583	114
Cedric	200C	01/1970	-	HITACHI	711	119
	240C	01/1970	12/1972	HITACHI	711	119
	240K	01/1970	12/1972	HITACHI	711	119
	240K GT	01/1970	12/1972	HITACHI	711	119
	240Z	01/1970	12/1972	HITACHI	711	119
	260C	01/1973	-	HITACHI	711	119
	260Z	01/1973	-	HITACHI	711	119
Cherry	1.3 with E13 engine	05/1982	10/1986	HITACHI	710	118
	1.3 with L13 engine	05/1982	10/1986	MITSUBISHI	4-698	151
		05/1982	10/1986	MITSUBISHI	692	147
		05/1982	10/1986	MITSUBISHI	698	150
	1.5 with E15S engine	11/1983	11/1986	HITACHI	710	118
		11/1983	10/1986	MITSUBISHI	690	147
Civilian	K-MC341 with ED33 diesel engine	-	-	HITACHI	2-689	118
Clipper	YC341 with ED30 diesel engine	-	-	HITACHI	2-689	118
Condor	Truck CK25 (FD6)	-	-	HITACHI	1-982	127
	Truck CN90	-	-	HITACHI	1-982	127
	Truck RK90	-	-	HITACHI	1-982	127
Cube	1.8 L	01/2009	-	HITACHI	1-710	119
D21	Pick-up 2.4 L	01/1986	12/1989	HITACHI	1-782	123
		01/1986	12/1987	HITACHI	682	116
		01/1986	12/1987	HITACHI	685	117
		01/1988	12/1995	HITACHI	713	120
		01/1986	12/1989	HITACHI	782	123
		01/1996	12/1997	MITSUBISHI	4-793	155
		01/1996	12/1997	MITSUBISHI	793	154
		01/1990	12/1995	MITSUBISHI	794	155
	Pick-up 2.5 D 4WD with TD25 engine	08/1987	02/1998	HITACHI	1-981	125
	Pick-up 2.5 TD 4WD with TD25TI engine	05/1998	-	HITACHI	1-981	125
	Pick-up 3.0 L	01/1986	12/1988	HITACHI	1-713	120
		01/1990	12/1998	MITSUBISHI	1-794	155
Datsun	160 J 1.6 with L16T engine	01/1973	02/1982	HITACHI	1-784	124
		01/1973	02/1982	HITACHI	581	114
		01/1973	02/1982	HITACHI	680	115
		01/1973	02/1982	HITACHI	784	124
		01/1973	02/1982	MITSUBISHI	692	147
	160 J 1.6i.e. with L16 engine	01/1978	02/1982	HITACHI	1-784	124
		01/1978	02/1982	HITACHI	581	114
		01/1978	02/1982	HITACHI	680	115
		01/1978	02/1982	HITACHI	784	124
		01/1978	02/1982	MITSUBISHI	692	147
	180 B 1.8	05/1977	01/1981	HITACHI	1-784	124
		05/1977	01/1981	HITACHI	581	114
		05/1977	01/1981	HITACHI	680	115
		05/1977	01/1981	HITACHI	784	124
		05/1977	01/1981	MITSUBISHI	692	147
Entra	1.5 L	01/1982	12/1983	HITACHI	710	118
	1.6 L	01/1989	12/1990	MITSUBISHI	4-792	154
		01/1989	12/1990	MITSUBISHI	792	154
Estaquitas		01/1994	12/2006	BOSCH	4-777	048

TABELA DE APLICAÇÃO
APPLICATION CHART

NISSAN		de /from	until	M.Part./Starter	ZM	Pag.
Excavator	EX60 with ED6 diesel engine	-	-	HITACHI	2-689	118
	EX60 with FD33 diesel engine	-	-	HITACHI	2-689	118
	EX60 with FD6 diesel engine	-	-	HITACHI	2-689	118
	EX60 with FE6 diesel engine	-	-	HITACHI	2-689	118
	EX60 with SD33T diesel engine	-	-	HITACHI	2-689	118
F10	1.4 L	01/1978	-	HITACHI	682	116
		01/1978	-	HITACHI	685	117
Frontier	2.8 diesel com motor 4.07 TCA	06/2002	-	BOSCH	2-972	058
		01/2002	07/2005	BOSCH	5-972	058
	2.8 with 4.07 TCA diesel engine	01/2002	07/2005	BOSCH	5-972	058
	Pick-up 2.4 L	01/1998	12/2001	MITSUBISHI	4-793	155
		01/1998	12/2001	MITSUBISHI	793	154
	SEL	01/2008	-	HITACHI	2-710	119
		-	-	HITACHI	1-981	125
Hikari	E16 Estándar	01/1984	12/1993	BOSCH	4-777	048
		01/1984	12/1993	BOSCH	5-775	047
	E16 STD	01/1984	12/1993	BOSCH	4-777	048
		01/1984	12/1993	BOSCH	5-775	047
Infiniti	G20 2.0 L	01/1999	-	HITACHI	2-719	122
	I30 3.0 L	01/1996	-	HITACHI	719	121
	Q45 4.5 L	01/1990	12/1994	MITSUBISHI	4-792	154
		01/1990	12/1994	MITSUBISHI	792	154
	QX4 3-3 L	01/1991	12/2000	MITSUBISHI	4-695	149
		-	-	MITSUBISHI	1-794	155
		-	-	MITSUBISHI	794	155
Interstar	2.2 DT	01/2002	-	VALEO	2-496	193
	Box dCi 120	07/2002	-	VALEO	2-496	193
	Box dCi 90	07/2002	-	VALEO	2-496	193
	Bus dCi 100	04/2006	-	VALEO	2-496	193
		01/2003	12/2011	HITACHI	3-719	122
	Bus dCi 120	09/2006	-	VALEO	2-496	193
	Bus dCi 90	07/2002	-	VALEO	2-496	193
	Flatbed/Chassis dCi 100	02/2004	-	VALEO	2-496	193
King Cab		-	-	HITACHI	583	114
King Cap	2.3 D with SD23 engine	09/1985	04/1992	HITACHI	980	125
	2.4 Diesel D21	01/1992	12/1995	MITSUBISHI	1-794	155
	2.4 with KA24E engine	04/1992	-	MITSUBISHI	794	155
	2.5 D with SD25 engine	09/1985	10/1987	HITACHI	980	125
King Van	2.0 with Z20S engine	11/1986	10/1988	HITACHI	711	119
King Vanette	2.0 with Z20S engine	03/1988	05/1990	HITACHI	711	119
Kubistar	Box 1.6 16V	-	-	VALEO	6-492	188
		-	-	VALEO	7-492	188
		-	-	VALEO	2-498	195
Laurel	2.4 with L24E/ L24S engine	01/1985	12/1987	HITACHI	1-784	124
		01/1985	12/1987	HITACHI	581	114
		01/1985	12/1987	HITACHI	680	115
		01/1981	12/1984	HITACHI	711	119
		01/1985	12/1987	HITACHI	784	124
		01/1985	12/1987	MITSUBISHI	690	147
	200 L with L20 engine	01/1971	12/1980	HITACHI	711	119
	3.0	11/1984	-	HITACHI	711	119
	3.0i	03/1986	-	HITACHI	711	119
Lift Trucks	CEF SD22 with diesel engine	-	-	HITACHI	583	114
		-	-	HITACHI	688	117
	CEF SD25 with diesel engine	-	-	HITACHI	583	114
		-	-	HITACHI	688	117
	CF SD22 with diesel engine	-	-	HITACHI	583	114
		-	-	HITACHI	688	117
	CPF SD22 with diesel engine	-	-	HITACHI	583	114

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APPLICATION CHART

NISSAN		de /from	until	M.Part./Starter	ZM	Pag.
Lift Trucks	CPF SD22 with diesel engine	-	-	HITACHI	688	117
	CPF SD25 with diesel engine	-	-	HITACHI	583	114
		-	-	HITACHI	688	117
	CQF SD22 with diesel engine	-	-	HITACHI	583	114
		-	-	HITACHI	688	117
	F01 SD22 with diesel engine	-	-	HITACHI	583	114
		-	-	HITACHI	688	117
	F02 SD25 with diesel engine	-	-	HITACHI	583	114
		-	-	HITACHI	688	117
	H01 SD25 with diesel engine	-	-	HITACHI	583	114
		-	-	HITACHI	688	117
	H02 SD25 with diesel engine	-	-	HITACHI	583	114
		-	-	HITACHI	688	117
	QF02 SD22 with diesel engine	-	-	HITACHI	583	114
		-	-	HITACHI	688	117
	QF02 SD23 with diesel engine	-	-	HITACHI	583	114
		-	-	HITACHI	688	117
Livina		-	-	HITACHI	1-710	119
March		-	-	VALEO	2-498	195
		-	-	MITSUBISHI	4-995	168
		-	-	MITSUBISHI	7-995	169
Maxima	2.0 with VQ20 engine	10/1994	-	HITACHI	719	121
	2.0 with VQ30 engine	10/1994	-	HITACHI	719	121
	3.0 L	01/1985	12/1988	HITACHI	1-585	115
		01/1989	12/1993	HITACHI	1-719	121
		01/1985	12/1988	HITACHI	585	115
		01/1989	12/1994	HITACHI	718	121
	3.0 with VQ20 engine	10/1994	-	HITACHI	719	121
	3.0 with VQ30 engine	10/1994	-	HITACHI	719	121
	3.0i with VG30E engine	10/1988	-	HITACHI	718	121
Micra	1.0i	12/1982	01/1993	HITACHI	710	118
		12/1982	01/1993	MITSUBISHI	690	147
	1.0i with MA10S engine	12/1982	12/1989	HITACHI	710	118
		12/1982	12/1989	MITSUBISHI	4-698	151
		12/1982	12/1989	MITSUBISHI	692	147
		12/1982	12/1989	MITSUBISHI	698	150
	1.2	01/1989	01/1993	HITACHI	710	118
		01/1989	01/1993	MITSUBISHI	690	147
	1.2 L	01/1984	12/1991	HITACHI	710	118
	1.2 with MA12S engine	07/1986	-	HITACHI	710	118
		07/1986	-	MITSUBISHI	4-698	151
		07/1986	-	MITSUBISHI	692	147
		07/1986	-	MITSUBISHI	698	150
	1.5L T DSL	01/2003	-	MITSUBISHI	6-993	167
Multi	2.0 L	01/1986	12/1988	HITACHI	682	116
		01/1986	12/1988	HITACHI	685	117
NX	1.6 L	01/1991	12/1992	HITACHI	1-719	121
		01/1991	12/1992	HITACHI	710	118
	2.0 L	01/1991	12/1992	HITACHI	2-719	122
Pathfinder	3.0 L	01/1988	12/1988	HITACHI	1-713	120
	3.3 L	01/1996	12/2000	MITSUBISHI	4-695	149
Patrol	2.8 diesel	10/1984	03/1989	BOSCH	3-674	036
	2.8 with L28 engine	07/1980	08/1988	HITACHI	1-784	124
		07/1980	08/1988	HITACHI	581	114
		07/1980	08/1988	HITACHI	680	115
		07/1980	08/1988	HITACHI	784	124
		07/1980	08/1988	MITSUBISHI	690	147
	Hardtop 2.8 with L28 engine	07/1980	08/1988	HITACHI	1-784	124
		07/1980	08/1988	HITACHI	581	114

TABELA DE APLICAÇÃO
APPLICATION CHART

NISSAN		de /from	until	M.Part./Starter	ZM	Pag.
Patrol	Hardtop 2.8 with L28 engine	07/1980	08/1988	HITACHI	680	115
		07/1980	08/1988	HITACHI	710	118
		07/1980	08/1988	HITACHI	784	124
		07/1980	08/1988	MITSUBISHI	4-698	151
		07/1980	-	MITSUBISHI	690	147
		07/1980	08/1988	MITSUBISHI	692	147
		07/1980	08/1988	MITSUBISHI	698	150
	Station Wagon 2.8 with L28 engine	07/1980	08/1988	HITACHI	1-784	124
		07/1980	08/1988	HITACHI	581	114
		07/1980	08/1988	HITACHI	680	115
		07/1980	08/1988	HITACHI	784	124
		07/1980	08/1988	MITSUBISHI	690	147
		-	-	HITACHI	2-982	127
		-	-	HITACHI	982	127
Pick-up	2.2 D with SD22 engine	01/1982	01/1984	HITACHI	2-981	125
		01/1982	01/1984	HITACHI	7-981	127
	2.3 D with SD23 engine	04/1983	03/1986	HITACHI	2-981	125
		04/1983	03/1986	HITACHI	7-981	127
	2.4	01/1994	12/1998	BOSCH	4-777	048
		01/1996	12/2006	BOSCH	5-777	048
		01/1994	12/1998	BOSCH	6-775	047
	2.4 with D21 engine	01/1999	12/2004	BOSCH	4-777	048
		01/1999	12/2004	BOSCH	6-775	047
	2.5 D 4WD with SD25 engine	04/1983	03/1983	HITACHI	2-981	125
		04/1983	03/1983	HITACHI	7-981	127
	King Cab 2.4	01/1995	12/1998	BOSCH	6-775	047
	with SD33 Diesel engine	-	-	HITACHI	2-982	127
		-	-	HITACHI	982	127
	with SD33T Diesel engine	-	-	HITACHI	2-982	127
		-	-	HITACHI	982	127
		-	-	HITACHI	583	114
		01/1990	12/1998	MITSUBISHI	1-794	155
Prairie	1.5 S with E15S engine	01/1984	12/1987	HITACHI	710	118
		01/1984	12/1987	MITSUBISHI	4-698	151
		01/1984	12/1987	MITSUBISHI	692	147
		01/1984	12/1987	MITSUBISHI	698	150
	1.5 with M10 engine	02/1982	09/1989	MITSUBISHI	4-792	154
		02/1982	09/1989	MITSUBISHI	792	154
	1.8 SGL with CA18S engine	07/1983	12/1985	HITACHI	710	118
		07/1983	12/1985	MITSUBISHI	690	147
Primastar	Box 2.0	02/2002	-	BOSCH	1-379	003
	Box dCi 140	07/2003	-	VALEO	2-496	193
	Box dCi 150	09/2006	-	VALEO	2-496	193
	Bus 2.0	03/2001	-	BOSCH	1-379	003
	Bus dCi 140	07/2003	-	VALEO	2-496	193
	Bus dCi 150	09/2006	-	VALEO	2-496	193
Primera	1.6	04/1996	-	MARELLI	8-395	136
	1.6 16V with GA16DE engine	09/1996	-	MITSUBISHI	4-792	154
		09/1996	-	MITSUBISHI	792	154
	Traveller 1.6 16V with GA16DE engine	04/1998	-	MITSUBISHI	4-792	154
		04/1998	-	MITSUBISHI	792	154
	Traveller 1.6i with GA16DE engine	03/1994	03/1998	MITSUBISHI	4-792	154
		03/1994	03/1998	MITSUBISHI	792	154
	Traveller 1.6i with GA16DS engine	07/1990	03/1998	MITSUBISHI	4-792	154
		07/1990	03/1998	MITSUBISHI	792	154
	Traveller 2.0 16V with SR20DE (MPI) engine	04/1998	-	MITSUBISHI	4-793	155
		04/1998	-	MITSUBISHI	793	154
	Traveller 2.0 16V with SR20DI (SPI) engine	04/1998	-	MITSUBISHI	4-793	155
		04/1998	-	MITSUBISHI	793	154
	Traveller 2.0i with SR20DI (SPI) engine	07/1990	12/1995	MITSUBISHI	4-793	155

TABELA DE APLICAÇÃO
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NISSAN		de /from	until	M.Part./Starter	ZM	Pag.
Primera	Traveller 2.0i with SR20DI (SPI) engine	07/1990	12/1995	MITSUBISHI	793	154
		04/1996	-	HITACHI	2-719	122
		01/2002	12/2007	MITSUBISHI	1-698	151
Pulsar	1.6L	01/1989	12/1989	HITACHI	1-719	121
		01/1985	12/1988	HITACHI	682	116
		01/1985	12/1988	HITACHI	685	117
		01/1983	12/1988	HITACHI	710	118
		01/1987	-	MITSUBISHI	1-792	154
		01/1989	12/1990	MITSUBISHI	4-792	154
		01/1989	12/1990	MITSUBISHI	792	154
		01/1989	12/1990	MITSUBISHI	799	157
	1.8L	01/1988	-	MITSUBISHI	1-792	154
Qashqai		-	-	HITACHI	1-710	119
SX	2.0 L	01/1995	12/1998	HITACHI	2-719	122
Safari	Turbo N-BRG161 (SD33)	-	-	HITACHI	2-982	127
		-	-	HITACHI	982	127
	Turbo N-BRG161 (SD33T)	-	-	HITACHI	2-982	127
		-	-	HITACHI	982	127
	Turbo N-VR161 (SD33)	-	-	HITACHI	2-982	127
		-	-	HITACHI	982	127
	Turbo N-VR161 (SD33T)	-	-	HITACHI	2-982	127
		-	-	HITACHI	982	127
	Van NVRG161 (SD33)	-	-	HITACHI	2-982	127
		-	-	HITACHI	982	127
	Van NVRG161 (SD33T)	-	-	HITACHI	2-982	127
		-	-	HITACHI	982	127
		-	-	HITACHI	2-982	127
		-	-	HITACHI	982	127
Sentra	1.5 L	01/1982	12/1983	HITACHI	710	118
	1.6 16V	01/1996	12/2000	BOSCH	4-777	048
		01/1996	12/2000	BOSCH	5-775	047
	1.6 L	01/1989	12/1993	HITACHI	1-719	121
		01/1985	12/1988	HITACHI	682	116
		01/1985	12/1988	HITACHI	685	117
		01/1983	12/1988	HITACHI	710	118
		01/1989	12/1990	MITSUBISHI	4-792	154
		01/1989	12/1990	MITSUBISHI	792	154
		01/1989	12/1990	MITSUBISHI	799	157
	1.6 L 16V automatic	01/1996	12/1998	BOSCH	3-777	048
	1.8 L	01/2003	12/2005	DELCO REMY	5-860	093
	160i com motor GA16DE	05/1995	06/1997	BOSCH	3-775	046
	2.0 L	01/1991	12/1998	HITACHI	2-719	122
	2.5 L M/T	01/2002	12/2002	MITSUBISHI	3-695	149
		01/1996	12/2008	BOSCH	6-473	009
		01/2007	-	HITACHI	1-710	119
Skyline		01/1972	12/1976	HITACHI	711	119
Stanza	2.0 L	01/1982	12/1989	HITACHI	682	116
		01/1982	12/1989	HITACHI	685	117
		01/1982	12/1987	HITACHI	710	118
	2.4 L	01/1990	12/1992	MITSUBISHI	4-793	155
		01/1990	12/1992	MITSUBISHI	793	154
Sunny	1.4i with GA14 engine	10/1990	-	MITSUBISHI	799	157
	1.5 with A15 engine	06/1979	02/1982	HITACHI	1-784	124
		06/1979	02/1982	HITACHI	582	114
		06/1979	02/1982	HITACHI	681	115
		06/1979	02/1982	HITACHI	784	124
	1.6i with GA16 engine	11/1990	-	MITSUBISHI	799	157
	2.0 GTI-R 4x4 with SR20DET engine	10/1990	05/1995	MITSUBISHI	4-793	155
		10/1990	05/1995	MITSUBISHI	793	154

TABELA DE APLICAÇÃO
APPLICATION CHART

NISSAN		de /from	until	M.Part./Starter	ZM	Pag.
Sunny	I 1.3 Lim with E13 engine	03/1982	09/1987	HITACHI	710	118
		03/1982	09/1987	MITSUBISHI	4-698	151
		03/1982	09/1987	MITSUBISHI	692	147
		03/1982	09/1987	MITSUBISHI	698	150
	I 1.3 with B11 engine	08/1982	01/1986	MITSUBISHI	4-792	154
		08/1982	01/1986	MITSUBISHI	792	154
	I 1.3 with N13 engine	01/1986	05/1989	HITACHI	710	118
		01/1986	05/1989	MITSUBISHI	690	147
	I 1.5 with B11 engine	03/1982	08/1986	HITACHI	710	118
		03/1982	08/1986	MITSUBISHI	4-792	154
		03/1982	08/1986	MITSUBISHI	690	147
		03/1982	08/1986	MITSUBISHI	792	154
	I 1.5 with E15S engine	03/1982	10/1986	HITACHI	710	118
		03/1982	10/1986	MITSUBISHI	4-698	151
		03/1982	10/1986	MITSUBISHI	692	147
		03/1982	10/1986	MITSUBISHI	698	150
	I 1.6 with N13 engine	01/1986	12/1991	MITSUBISHI	4-792	154
		01/1986	12/1991	MITSUBISHI	792	154
	II 1.0 with N13 engine	01/1986	12/1991	MITSUBISHI	4-792	154
		01/1986	12/1991	MITSUBISHI	792	154
	II 1.3 with E13S engine	06/1986	-	HITACHI	710	118
		06/1986	-	MITSUBISHI	4-698	151
		06/1986	-	MITSUBISHI	692	147
		06/1986	-	MITSUBISHI	698	150
	II 1.3 with N13 engine	01/1986	03/1989	MITSUBISHI	4-792	154
		01/1986	03/1989	MITSUBISHI	792	154
	II 1.4 LX with GA14S engine	10/1988	08/1991	HITACHI	710	118
		10/1988	08/1991	MITSUBISHI	4-698	151
		10/1988	08/1991	MITSUBISHI	692	147
		10/1988	08/1991	MITSUBISHI	698	150
	II 1.4 with N13 engine	10/1988	12/1991	MITSUBISHI	4-792	154
		10/1988	12/1991	MITSUBISHI	792	154
	II 1.6i 12V with GA16i engine	06/1986	-	HITACHI	685	117
		06/1986	-	MITSUBISHI	690	147
	II 1.6i 4x4 with E16i engine	06/1986	-	HITACHI	685	117
		06/1986	-	MITSUBISHI	690	147
	II 1.6i Kombi with E16i engine	08/1986	-	HITACHI	685	117
		06/1986	-	MITSUBISHI	690	147
	II Coupè 1.6i 4X4 with E16i engine	06/1986	-	MITSUBISHI	690	147
	II Coupè 1.6i Coupè with E16i engine	06/1986	-	MITSUBISHI	690	147
	III 1.6 i 16V 4WD with GA16DS engine	10/1990	05/1995	MITSUBISHI	4-792	154
		10/1990	05/1995	MITSUBISHI	792	154
	III 2.0 GTI 16V with SR20DE engine	10/1990	05/1995	MITSUBISHI	4-793	155
		10/1990	05/1995	MITSUBISHI	793	154
	III 2.0i 16V with SR20DE engine	10/1990	05/1995	MITSUBISHI	4-793	155
		10/1990	05/1995	MITSUBISHI	793	154
Terrano	2.4	05/1996	-	MITSUBISHI	794	155
	2.4 with KA24E engine	02/1993	05/1996	MITSUBISHI	794	155
	3.0 V6	-	-	HITACHI	1-713	120
		-	-	HITACHI	3-719	122
	I 2.7 TD 4WD with TD27T engine	02/1989	02/1996	HITACHI	1-981	125
		01/1993	12/1996	MITSUBISHI	1-794	155
Tiida		01/2007	-	HITACHI	1-710	119
Truck		-	-	HITACHI	6-981	126
		-	-	SAWAFUJI	1-855	182
Tsuru	B13 1.6 16V	01/1994	12/2004	BOSCH	4-777	048
		01/1994	12/2004	BOSCH	5-775	047
	Estándar	01/1984	12/1993	BOSCH	4-777	048
		01/1984	12/1993	BOSCH	5-775	047
	GS	01/1993	-	BOSCH	6-473	009

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NISSAN		de /from	until	M.Part./Starter	ZM	Pag.
Tsuru	II Estándar	01/1984	12/1993	BOSCH	4-777	048
		01/1984	12/1993	BOSCH	5-775	047
	II STD	01/1984	12/1993	BOSCH	4-777	048
		01/1984	12/1993	BOSCH	5-775	047
	III	01/1993	12/2000	BOSCH	6-473	009
	STD	01/1984	12/1993	BOSCH	4-777	048
		01/1984	12/1993	BOSCH	5-775	047
UD	CM80 with ED6 diesel engine	-	-	HITACHI	2-689	118
	CM80 with FD33 diesel engine	-	-	HITACHI	2-689	118
	CM80 with FD6 diesel engine	-	-	HITACHI	2-689	118
	CM80 with FE6 diesel engine	-	-	HITACHI	2-689	118
	CM80 with SD33T diesel engine	-	-	HITACHI	2-689	118
	CM85 with ED6 diesel engine	-	-	HITACHI	2-689	118
	CM85 with FD33 diesel engine	-	-	HITACHI	2-689	118
	CM85 with FD6 diesel engine	-	-	HITACHI	2-689	118
	CM85 with FE6 diesel engine	-	-	HITACHI	2-689	118
	CM85 with SD33T diesel engine	-	-	HITACHI	2-689	118
	CM87 with ED6 diesel engine	-	-	HITACHI	2-689	118
	CM87 with FD33 diesel engine	-	-	HITACHI	2-689	118
	CM87 with FD6 diesel engine	-	-	HITACHI	2-689	118
	CM87 with FE6 diesel engine	-	-	HITACHI	2-689	118
	CM87 with SD33T diesel engine	-	-	HITACHI	2-689	118
	CM90 with ED6 diesel engine	-	-	HITACHI	2-689	118
	CM90 with FD33 diesel engine	-	-	HITACHI	2-689	118
	CM90 with FD6 diesel engine	-	-	HITACHI	2-689	118
	CM90 with FE6 diesel engine	-	-	HITACHI	2-689	118
	CM90 with SD33T diesel engine	-	-	HITACHI	2-689	118
	CMA87 with ED6 diesel engine	-	-	HITACHI	2-689	118
	CMA87 with FD33 diesel engine	-	-	HITACHI	2-689	118
	CMA87 with FD6 diesel engine	-	-	HITACHI	2-689	118
	CMA87 with FE6 diesel engine	-	-	HITACHI	2-689	118
	CMA87 with SD33T diesel engine	-	-	HITACHI	2-689	118
	N1630 with ED6 diesel engine	-	-	HITACHI	2-689	118
	N1630 with FD33 diesel engine	-	-	HITACHI	2-689	118
	N1630 with FE6 diesel engine	-	-	HITACHI	2-689	118
	N1630 with SD33T diesel engine	-	-	HITACHI	2-689	118
	RM80 with ED6 diesel engine	-	-	HITACHI	2-689	118
	RM80 with FD33 diesel engine	-	-	HITACHI	2-689	118
	RM80 with FD6 diesel engine	-	-	HITACHI	2-689	118
	RM80 with FE6 diesel engine	-	-	HITACHI	2-689	118
	RM80 with SD33T diesel engine	-	-	HITACHI	2-689	118
	RM90 with ED6 diesel engine	-	-	HITACHI	2-689	118
	RM90 with FD33 diesel engine	-	-	HITACHI	2-689	118
	RM90 with FD6 diesel engine	-	-	HITACHI	2-689	118
	RM90 with FE6 diesel engine	-	-	HITACHI	2-689	118
	RM90 with SD33T diesel engine	-	-	HITACHI	2-689	118
		-	-	HITACHI	6-981	126
		-	-	SAWAFUJI	1-855	182
UD 1300		-	-	HITACHI	6-981	126
UD 1400	Truck 4.2L Diesel	-	-	HITACHI	6-981	126
Urvan	2.0	01/1981	01/1982	MITSUBISHI	690	147
	2.0 with Z20 engine	04/1982	-	HITACHI	711	119
	Box 2.2 D	07/1981	11/1982	HITACHI	2-981	125
		07/1981	11/1982	HITACHI	7-981	127
	Box 2.3 D with SD23 engine	11/1982	05/1987	HITACHI	2-981	125
		11/1982	05/1987	HITACHI	7-981	127
	Box 2.3 D with TD23 engine	01/1988	-	HITACHI	1-981	125
	Box 2.5 D with TD25 engine	12/1988	-	HITACHI	1-981	125
	Bus 2.3 D with SD23 engine	04/1985	11/1988	HITACHI	1-981	125

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APPLICATION CHART

NISSAN		de /from	until	M.Part./Starter	ZM	Pag.
Urvan	Bus 2.3 D with SD23 engine	04/1985	11/1988	HITACHI	2-981	125
		04/1985	11/1988	HITACHI	7-981	127
	Bus 2.5 D with TD25 engine	05/1989	-	HITACHI	1-981	125
Ute	XFN	01/1988	12/1991	BOSCH	1-372	001
Van	2.4 L	01/1987	12/1990	HITACHI	713	120
		-	-	HITACHI	583	114
Versa		01/2007	-	HITACHI	1-710	119
X terra	2.4 L	01/2000	12/2001	MITSUBISHI	4-793	155
		01/2000	12/2001	MITSUBISHI	793	154
	2.8 diesel com motor 4.07 TCA	06/2001	-	BOSCH	2-972	058
		02/2003	07/2005	BOSCH	5-972	058
	2.8 with 4.07 TCA diesel engine	02/2003	07/2005	BOSCH	5-972	058
OMC		de /from	until	M.Part./Starter	ZM	Pag.
Marine	all models 2.5 L	01/1984	12/1985	DELCO REMY	1-860	093
	all models 3.0 L	01/1984	12/1995	DELCO REMY	1-860	093
	all models 3.8 L	01/1984	12/1984	DELCO REMY	1-860	093
	all models 4.3 L	01/1987	12/1995	DELCO REMY	1-860	093
	all models 5.0 L	01/1986	12/1987	DELCO REMY	1-860	093
	all models 5.7 L	01/1986	12/1995	DELCO REMY	1-860	093
	all models 7.4 L	01/1990	12/1995	DELCO REMY	1-860	093
	all models 8.2 L	01/1998	12/1991	DELCO REMY	1-860	093
ONAN		de /from	until	M.Part./Starter	ZM	Pag.
Outdoor, OPE Marine /Industrial / Agriculture	with DL3 engine	01/1983	-	MITSUBISHI	895	160
	with L317D engine	01/1983	-	MITSUBISHI	895	160
	with L423 engine	01/1983	-	MITSUBISHI	895	160
	with L634 engine	01/1983	-	MITSUBISHI	895	160
	with MDL3 engine	01/1983	-	MITSUBISHI	895	160
	with MDL4 engine	01/1983	-	MITSUBISHI	895	160
PERKINS		de /from	until	M.Part./Starter	ZM	Pag.
1004-40	4.0	-	-	ISKRA	1-825	129
		-	-	ISKRA	826	129
1004-42	4.0	-	-	ISKRA	1-825	129
		-	-	ISKRA	826	129
Industrial	with 4-108 engine	01/1989	-	DELCO REMY	805	087
	with 4-154 engine	01/1989	-	DELCO REMY	805	087
Marine Engines	various models diesel engines	-	-	DELCO REMY	805	087
Perkins 504		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
Perkins 510 V8		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
Perkins 540 V8		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
Tractor 2-110	with 6-354 Perkins engine	01/1985	12/1986	DELCO REMY	450	078
Tractor 2-88	with 6-354 Perkins engine	01/1985	12/1986	DELCO REMY	450	078
PETERBILT		de /from	until	M.Part./Starter	ZM	Pag.
13.210	com motor 6 CT 8.3 litros	12/1986	12/1996	BOSCH	1-831	049
		12/1986	-	BOSCH	831	049
	with 6 CT 8.3 liters engine	12/1986	12/1996	BOSCH	1-831	049
22.210	com motor 6 CT 8.3 litros	02/1988	12/1999	BOSCH	1-831	049
		02/1988	-	BOSCH	831	049
	with 6 CT 8.3 liters engine	02/1988	12/1999	BOSCH	1-831	049
23.210	com motor 6 CT 8.3 litros	12/1986	-	BOSCH	1-831	049
		12/1986	-	BOSCH	831	049
	with 6 CT 8.3 liters engine	12/1986	-	BOSCH	1-831	049
320	with Caterpillar C10 engine	-	-	PRESTOLITE	486	177

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PETERBILT		de /from	until	M.Part./Starter	ZM	Pag.
320	with Caterpillar C12 engine	-	-	PRESTOLITE	486	177
	with Cummins C 8.3L engine	-	-	PRESTOLITE	486	177
357 Series	Caterpillar 3406	-	-	DELCO REMY	2-950	098
	with Caterpillar C10 engine	-	-	PRESTOLITE	486	177
	with Caterpillar C12 engine	-	-	PRESTOLITE	486	177
	with Cummins C 8.3L engine	-	-	PRESTOLITE	486	177
359 Series	Caterpillar 3406	-	-	DELCO REMY	2-950	098
375 Series	with Caterpillar C10 engine	-	-	PRESTOLITE	486	177
	with Caterpillar C12 engine	-	-	PRESTOLITE	486	177
	with Cummins C 8.3L engine	-	-	PRESTOLITE	486	177
Truck	320 com motor Cummins ISC 8.3 litros	01/1991	01/2003	DELCO REMY	1-407	071
		01/1991	01/2003	DELCO REMY	407	071
	320 with 8.3 liters Cummins ISC engine	01/1991	01/2003	DELCO REMY	1-407	071
		01/1991	01/2003	DELCO REMY	407	071
	330 with 8.3 liters Cummins ISC engine	01/1996	01/2007	DELCO REMY	1-407	071
		01/1996	01/2007	DELCO REMY	407	071
	335 with 8.3 liters Cummins ISC engine	01/2005	01/2007	DELCO REMY	1-407	071
		01/2005	01/2007	DELCO REMY	407	071
	340 with 8.3 liters Cummins ISC engine	01/2006	01/2007	DELCO REMY	1-407	071
		01/2006	01/2007	DELCO REMY	407	071
		01/1997	12/2007	MITSUBISHI	2-842	158

PEUGEOT		de /from	until	M.Part./Starter	ZM	Pag.
1007		01/2005	-	VALEO	3-497	194
104	all models with X engine	10/1972	06/1988	BOSCH	672	035
		10/1972	06/1988	VALEO	561	196
106	1.0	09/1991	04/1996	VALEO	491	185
	1.0 i with CDY engine	07/1992	04/1996	BOSCH	377	002
	1.0 i with CDZ engine	05/1996	-	BOSCH	377	002
	1.0i com motor CDY	07/1992	04/1996	BOSCH	679	037
		07/1992	04/1996	BOSCH	377	002
	1.0i com motor CDZ	05/1996	-	BOSCH	679	037
		05/1996	-	BOSCH	377	002
	1.0i with TU9, TU9M engine	01/2003	-	VALEO	3-494	190
		09/1991	-	VALEO	491	185
	1.1 i with HDZ engine	09/1991	-	BOSCH	377	002
	1.1 i with HFX engine	03/2000	-	BOSCH	377	002
	1.1 with HDZ (TU1M) engine	09/1991	04/1996	VALEO	491	185
	1.1 with TU1, TU1M engine	09/1991	-	VALEO	491	185
	1.1i com motor HDZ	09/1991	-	BOSCH	679	037
		09/1991	-	BOSCH	377	002
	1.1i com motor HFX	03/2000	-	BOSCH	679	037
		03/2000	-	BOSCH	377	002
	1.1i with TU1, TU1M engine	09/1991	-	VALEO	491	185
	1.3 with TU2J2 engine	09/1991	04/1996	VALEO	491	185
	1.4 with KDX (TU3MC), KDY (TU3M) engine	09/1991	04/1996	VALEO	491	185
	1.4 with KFZ (TU3J2/Z) engine	09/1991	04/1996	VALEO	491	185
	1.4 with TU3, TU32 engine	09/1991	-	VALEO	491	185
	1.6 with NFY (TU5J2) engine	01/1994	04/1996	VALEO	491	185
	1.6 with NFZ (TU5JP) engine	06/1993	04/1996	VALEO	491	185
	I 1.0 with CDY (TU9M) engine	09/1991	04/1996	VALEO	491	185
	I 1.0 with TU9, TU9M engine	09/1991	-	VALEO	491	185
	I 1.5 D	03/1994	05/1996	VALEO	490	184
	II 1.0i	09/2000	-	MITSUBISHI	1-993	166
	II 1.0i with CDZ (TU9M) engine	01/1997	-	VALEO	491	185
	II 1.1i	05/1996	-	MITSUBISHI	1-993	166
	II 1.1i with HDY (TU1M) engine	01/1997	-	VALEO	491	185
	II 1.1i with HDZ (TU1M), HFX engine	05/1996	-	VALEO	491	185
	II 1.4i	05/1996	-	MITSUBISHI	1-993	166
	II 1.4i with KFW/ KFX (TU3JP) engine	05/1996	-	VALEO	491	185

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PEUGEOT		de /from	until	M.Part./Starter	ZM	Pag.
106	II 1.4i with TU3FM, TU3M, TU3FJ engine	09/1991	-	VALEO	491	185
	II 1.6 S16	05/1996	-	MITSUBISHI	1-993	166
	II 1.6 S16 with NFX (TU5J4) engine	05/1996	-	VALEO	491	185
	II 1.6i	05/1996	-	MITSUBISHI	1-993	166
	II 1.6i with NFW (TU5J2), NFY (TU5J2) engine	05/1996	-	VALEO	491	185
	II 1.6i with NFZ (TU5JP) engine	05/1996	-	VALEO	491	185
107		01/2005	-	VALEO	3-497	194
205	1.4i com motor KDX	10/1994	09/1998	BOSCH	679	037
		10/1994	09/1998	BOSCH	377	002
	1.4i com motor KDY	10/1994	09/1998	BOSCH	679	037
		10/1994	09/1998	BOSCH	377	002
	1.4i com motor KDZ	07/1988	10/1990	BOSCH	679	037
		07/1988	10/1990	BOSCH	377	002
	1.4i with KDX engine	10/1994	09/1998	BOSCH	377	002
	1.4i with KDY engine	10/1994	09/1998	BOSCH	377	002
	1.4i with KDZ engine	07/1988	10/1990	BOSCH	377	002
	1.6 CTI with XU5 engine	03/1987	-	ISKRA	3-579	128
	1.6 GTI with XU5 engine	03/1987	-	ISKRA	3-579	128
	1.6 com motor XU7 4 cilindros	-	-	PRESTOLITE	485	175
	1.6 with 4 cylinders XU7 engine	-	-	PRESTOLITE	485	175
	1.9 CTI with XU9 engine	07/1990	-	ISKRA	3-579	128
	1.9 GTI with XU9 engine	07/1990	-	ISKRA	3-579	128
	1.9 com motor diesel XUD9 4 cilindros	-	-	PRESTOLITE	485	175
	1.9 with 4 cylinders XUD9 diesel engine	-	-	PRESTOLITE	485	175
	I 1.0 with TU9 engine	10/1987	-	VALEO	491	185
	I 1.0 with XV8 engine	02/1983	09/1987	BOSCH	672	035
		02/1983	09/1987	VALEO	561	196
	I 1.1 with XW7 engine	02/1983	09/1987	BOSCH	672	035
		02/1983	09/1987	VALEO	561	196
	I Cabriolet 1.0 with TU9 engine	10/1987	-	VALEO	491	185
	I Cabriolet 1.1 CJ with HDZ (TU1M) engine	10/1989	12/1994	VALEO	491	185
	I Cabriolet 1.1 with XW7 engine	02/1983	09/1987	BOSCH	672	035
		02/1983	09/1987	VALEO	561	196
	I Cabriolet 1.4 CJ with 150D (XY7) engine	03/1988	05/1989	VALEO	491	185
	I Cabriolet 1.4 CJ with 150G (XY7) engine	03/1988	05/1989	VALEO	491	185
	I Cabriolet 1.4 CJ with K1D (TU3A) engine	03/1989	12/1994	VALEO	491	185
	I Cabriolet 1.4 CJ with KAY (TU3CP) engine	01/1989	09/1993	VALEO	491	185
	I Cabriolet 1.4 CJ with KDY (TU3M) engine	05/1991	12/1994	VALEO	491	185
	I Cabriolet 1.4 CJ with KDZ (TU3M) engine	05/1991	12/1994	VALEO	491	185
	I Cabriolet 1.4 with XY7, XY6B, XY8, XY7CP engine	02/1983	10/1990	VALEO	561	196
	I Convertible 1.6 CJ with BDY (XU5M3Z) engine	08/1992	09/1999	BOSCH	376	002
	I Convertible 1.9 CTI with DFZ (XU9J1) engine	10/1987	12/1994	BOSCH	376	002
	II 1.0 with TU9 engine	10/1987	09/1998	VALEO	491	185
	II 1.1 with H1B (TU1) engine	10/1987	10/1990	VALEO	491	185
	II 1.1 with HDZ (TU1M) engine	07/1989	09/1998	VALEO	491	185
	II 1.1 with TU1 engine	01/1987	-	VALEO	491	185
	II 1.3 Rallye with TU24 engine	01/1987	10/1990	VALEO	491	185
	II 1.3 with TU24 engine	01/1987	-	VALEO	491	185
	II 1.4 with K1D (TU3A) engine	01/1987	10/1990	VALEO	491	185
	II 1.4 with K2B (TU3S) engine	06/1987	12/1989	VALEO	491	185
	II 1.4 with KDY (TU3M) engine	07/1988	09/1998	VALEO	491	185
	II 1.4 with KDZ (TU3M) engine	07/1988	09/1998	VALEO	491	185
	II 1.4 with KFX (TU3JP) engine	07/1988	09/1998	VALEO	491	185
	II 1.4 with TU3 engine	10/1987	-	VALEO	491	185
	II 1.4 with TU3S engine	10/1987	-	VALEO	491	185
	II 1.6 Aut. with BDY (XU5M2Z) engine	05/1990	09/1998	BOSCH	376	002
	II 1.6 Aut. with BDY (XU5M3Z) engine	05/1990	09/1998	BOSCH	376	002
	II 1.6 with B1E (XU51C) engine	10/1987	12/1994	BOSCH	376	002
	II 1.9 GTI Cat with DFZ (XU9J1) engine	10/1987	07/1994	BOSCH	376	002

TABELA DE APLICAÇÃO
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PEUGEOT		de /from	until	M.Part./Starter	ZM	Pag.
205	II 1.9 GTI with DKZ (XU9JAZ) engine	10/1987	09/1998	BOSCH	376	002
	II Cabriolet 1.4 with 3S engine	10/1987	-	VALEO	491	185
	II Cabriolet 1.4 with TU3 engine	10/1987	-	VALEO	491	185
	II Cabriolet 1.4 with TU3CP engine	10/1987	-	VALEO	491	185
	II Cabriolet 1.4i with TU3M engine	07/1988	-	VALEO	491	185
	diesel	10/1983	-	MITSUBISHI	993	165
206	1.0 16V com motor D4D	02/2001	-	VALEO	2-492	187
		02/2001	-	VALEO	3-492	187
	1.1i with HFX (TU1JP) engine	09/1998	-	VALEO	491	185
	1.1i with HFZ (TU1JP) engine	09/1998	-	VALEO	491	185
	1.4	11/2000	-	VALEO	2-494	189
	1.4 HDi	-	-	VALEO	497	194
	1.4 HDi eco	-	-	VALEO	497	194
	1.4i with KFX (TU3JP) engine	09/1998	-	VALEO	491	185
	1.6	11/2000	-	VALEO	2-494	189
	1.6 16V	11/2000	-	VALEO	2-494	189
	1.6i com motor TU5Jp4	-	-	BOSCH	679	037
		-	-	BOSCH	377	002
	1.6i with TU5Jp4 engine	-	-	BOSCH	377	002
	1.9 D with DW8. engine	09/1998	-	MITSUBISHI	993	165
	1.9 D with DW8/L3 engine	09/1998	11/2001	VALEO	599	200
	1.9 D with DW8B/L4 engine	09/1998	11/2001	VALEO	599	200
	1.9 L Diesel	-	-	DELCO REMY	8-860	094
	2.0	04/1999	-	MITSUBISHI	5-993	167
	2.0 HDi 90 with DW10TD/L3 engine	12/1999	-	VALEO	599	200
	2.0 HDi with DW10. engine	09/1998	-	MITSUBISHI	993	165
	CC 1.6 16V with 2D engine	09/2000	-	MITSUBISHI	1-993	166
	Fastback 1.1i with 2A/C engine	09/1998	-	MITSUBISHI	1-993	166
	Fastback 1.4 16V with 2A/C engine	10/2003	-	MITSUBISHI	1-993	166
	Fastback 1.4i with 2A/C engine	09/1998	-	MITSUBISHI	1-993	166
	Fastback 1.6 16V with 2A/C engine	12/2000	-	MITSUBISHI	1-993	166
	Fastback 1.6i with 2A/C engine	09/1998	-	MITSUBISHI	1-993	166
	SW 1.1with 2E/K engine	07/2002	-	MITSUBISHI	1-993	166
	SW 1.4 16V with 2E/K engine	10/2003	-	MITSUBISHI	1-993	166
	SW 1.4 with 2E/K engine	07/2002	-	MITSUBISHI	1-993	166
	SW 2.0 HDi with DW10TD/L4 engine	07/2002	-	VALEO	599	200
		01/2001	-	MARELLI	2-397	138
		01/2001	-	VALEO	3-497	194
		-	-	VALEO	497	194
		09/1998	-	BOSCH	4-382	007
207		01/2006	-	MARELLI	2-397	138
		01/2006	-	VALEO	3-497	194
		-	-	VALEO	497	194
305	1.1 L	01/1977	12/1988	PRESTOLITE	471	172
	1.3 L	01/1977	12/1986	PRESTOLITE	471	172
	1.5 L	01/1978	12/1988	PRESTOLITE	471	172
	GLS	07/1987	07/1990	ISKRA	3-579	128
	GR	10/1985	06/1987	ISKRA	3-579	128
	GT	03/1987	07/1990	ISKRA	3-579	128
	GTX	03/1987	07/1990	ISKRA	3-579	128
	I 1.1 with XK5 engine	11/1977	06/1988	VALEO	597	199
	I 1.3 with XL5 engine	11/1977	06/1980	VALEO	597	199
	I 1.3 with XL5TR engine	11/1977	06/1980	VALEO	597	199
	I 1.5 with XR5 engine	11/1977	11/1982	VALEO	597	199
	I 1.5 with XR5A engine	11/1977	11/1982	VALEO	597	199
	I 1.5 with XR5S engine	11/1977	11/1982	VALEO	597	199
	II 1.3 with XL5 engine	01/1982	07/1990	VALEO	597	199
	II 1.5 with XR5 engine	11/1982	07/1990	VALEO	597	199
	II 1.5 with XR5A engine	11/1982	07/1990	VALEO	597	199

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PEUGEOT		de /from	until	M.Part./Starter	ZM	Pag.
305	SR	10/1985	06/1987	ISKRA	3-579	128
	diesel	10/1982	-	MITSUBISHI	993	165
	with XU engine	-	-	VALEO	492	186
306	1.1 with HDZ (TU1M) engine	05/1993	-	VALEO	491	185
	1.1i with TU1M engine	01/1993	-	VALEO	491	185
	1.4 SL with KDX (TU3MC) engine	06/1994	-	VALEO	491	185
	1.4 SL with KFW engine	06/1994	-	VALEO	491	185
	1.4 SL with KFX (TU3JP) engine	06/1994	-	VALEO	491	185
	1.4 with KDX (TU3MC) engine	05/1993	-	VALEO	491	185
	1.4 with KFW engine	05/1993	-	VALEO	491	185
	1.4 with KFX (TU3JP) engine	05/1993	-	VALEO	491	185
	1.4 with TU3 engine	01/1993	-	VALEO	491	185
	1.4 with TU32 engine	01/1993	-	VALEO	491	185
	1.4 with TU3M/C engine	01/1993	-	VALEO	491	185
	1.4i with TU3 engine	01/1993	-	VALEO	491	185
	1.4i with TU32 engine	01/1993	-	VALEO	491	185
	1.4i with TU3M/C engine	01/1993	-	VALEO	491	185
	1.6 SR with NFZ (TU5JP) engine	06/1994	10/2000	VALEO	491	185
	1.6 com motor TU5JP	-	-	VALEO	3-494	190
	1.6 com motor XU7 4 cilindros	-	-	PRESTOLITE	485	175
	1.6 with 4 cylinders XU7 engine	-	-	PRESTOLITE	485	175
	1.6 with NFZ (TU5JP) engine	05/1993	10/2000	VALEO	491	185
	1.6i Cabriolet com motor NFZ	05/1997	-	BOSCH	679	037
		05/1997	-	BOSCH	377	002
	1.6i com motor NFZ	01/1993	04/1997	BOSCH	679	037
		01/1993	05/1997	BOSCH	377	002
	1.6i with NFZ engine	01/1993	05/1997	BOSCH	377	002
	1.6i with TU5JP engine	01/1993	-	VALEO	491	185
	1.8	02/1993	-	MITSUBISHI	993	165
	1.8 16V with LFY (XU7JP4) engine	03/1997	-	BOSCH	376	002
	1.8 ST with LFZ (XU7JP) engine	06/1994	-	BOSCH	376	002
	1.8 com motor XUD7	01/1995	-	VALEO	1-496	193
		01/1995	-	VALEO	496	193
	1.8i 16V com motor XU7JP4	10/1999	-	BOSCH	679	037
	1.8i 16V with XU7JP4 engine	10/1999	-	BOSCH	377	002
	1.8i 16Vcom motor XU7JP4	03/2000	-	BOSCH	3-973	059
		03/2000	-	BOSCH	971	057
		10/1999	-	BOSCH	377	002
	1.8i com motor XU7JP	03/2000	-	BOSCH	3-973	059
		03/2000	-	BOSCH	971	057
	1.9 D	09/1997	-	BOSCH	873	052
	1.9 D with DW8/L3 engine	09/1998	-	VALEO	599	200
	1.9 TD	02/1993	-	MITSUBISHI	993	165
	1.9 com motor diesel	10/1999	-	BOSCH	4-473	008
		10/1999	-	BOSCH	4-973	060
	1.9 com motor diesel XUD9 4 cilindros	-	-	PRESTOLITE	485	175
	1.9 with 4 cylinders XUD9 diesel engine	-	-	PRESTOLITE	485	175
	1.9 with diesel engine	10/1999	-	BOSCH	4-473	008
		10/1999	-	BOSCH	4-973	060
	2.0 16V com motor XU10J4/J4R/J4RS	01/1994	-	VALEO	1-497	194
		01/1994	-	VALEO	497	194
	2.0 HDi	06/1999	-	MITSUBISHI	993	165
	2.0 HDi 90 with DW10TD/L4 engine	06/1999	-	VALEO	599	200
	2.0 ST with RFX (XU10J2) engine	07/1994	-	BOSCH	376	002
	2.0 com motor XU10J2/J2C/J4R/J4RS	01/1994	-	VALEO	1-496	193
		01/1994	-	VALEO	496	193
	2.0 with RFZ (XU10J4R) engine	03/1997	-	BOSCH	376	002
	Break 1.4 with KFW/ KFX (TU3JP) engine	03/1997	10/2000	VALEO	491	185
	Break 1.6 with NFZ (TU5JP) engine	03/1997	-	VALEO	491	185

TABELA DE APLICAÇÃO
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PEUGEOT		de /from	until	M.Part./Starter	ZM	Pag.
306	Break 1.8 16V with LFY (XU7JP4) engine	03/1997	-	BOSCH	376	002
	Break 1.8 with LFZ (XU7JP) engine	03/1997	-	BOSCH	376	002
	Break 2.0 HDi 90 with DW10TD/L4 engine	06/1999	-	VALEO	599	200
	Cabriolet 1.6 with NFZ (TU5JP) engine	04/1996	10/2000	VALEO	491	185
	Cabriolet 1.6i with NFZ engine	05/1997	-	BOSCH	377	002
	Convertible 1.8 16V with LFY (XU7JP4) engine	07/2000	-	BOSCH	376	002
	Convertible 1.8 with LFZ (XU7JP) engine	03/1994	-	BOSCH	376	002
	Convertible 2.0 16V with RFV (XU10J4R) engine	03/1997	-	BOSCH	376	002
	Convertible 2.0 with RFX (XU10J2) engine	03/1994	-	BOSCH	376	002
	Hatcback 1.8 16V with LFY (XU7JP4) engine	03/1997	-	BOSCH	376	002
	Hatcback 1.8 with LFZ (XU7JP) engine	05/1993	-	BOSCH	376	002
	Hatcback 2.0 16V with RFV (XU10J4R) engine	03/1997	-	BOSCH	376	002
	Hatcback 2.0 XSi with RFX (XU10J2) engine	05/1993	-	BOSCH	376	002
	Hatchback 2.0 HDi 90 with DW10TD/L4 engine	06/1999	-	VALEO	599	200
		06/1994	-	BOSCH	4-382	007
307	1.4 16V with 3A/C engine	11/2003	-	MITSUBISHI	1-993	166
	1.4 with 3A/C engine	08/2000	-	MITSUBISHI	1-993	166
	1.6 16V with 3A/C engine	08/2000	-	MITSUBISHI	1-993	166
	2.0 16V	08/2000	-	MITSUBISHI	5-993	167
	2.0 16V with EW10A engine	03/2005	-	VALEO	599	200
	2.0 16V with EW10J4S/L4 engine	06/2005	-	VALEO	599	200
	2.0 HDi	05/2001	-	MITSUBISHI	993	165
	2.0 HDi 110 FAP with DW10ATED/L4 engine	08/2000	-	VALEO	599	200
	2.0 HDi 135 FAP with DW10BTED4/F engine	10/2003	-	VALEO	599	200
	2.0 HDi 90 with DW10TD/L4 engine	08/2000	-	VALEO	599	200
	2.0 HDi 90 with DW10TD/L4 engine.	03/2002	-	VALEO	599	200
	2.0 L	-	-	DELCO REMY	8-860	094
		03/2000	-	MITSUBISHI	5-993	167
	2.0 L Diesel	-	-	DELCO REMY	8-860	094
		08/2000	-	BOSCH	4-382	007
	Break 1.6 16V with 3E engine	03/2002	-	MITSUBISHI	1-993	166
	Break 2.0 16V with EW10A engine	03/2005	-	VALEO	599	200
	Break 2.0 HDi 135 FAP with DW10BTED4/F engine	02/2004	-	VALEO	599	200
	CC 2.0 16V with EW10A engine	03/2005	-	VALEO	599	200
	CC 2.0 16V with EW10J4S/L4 engine	10/2003	-	VALEO	599	200
	SW 1.4 16V with 3H engine	11/2003	-	MITSUBISHI	1-993	166
	SW 1.6 16V with 3H engine	03/2003	-	MITSUBISHI	1-993	166
	SW 2.0 16V with EW10A engine	03/2005	-	VALEO	599	200
	SW 2.0 HDi 110 FAP with DW10ATED/L4 engine	03/2002	-	VALEO	599	200
	SW 2.0 HDi 135 FAP with DW10ATED/L4 engine	02/2004	-	VALEO	599	200
	SW 2.0 HDi 90 with DW10TD/L4 engine	03/2002	-	VALEO	599	200
		01/2002	-	MARELLI	2-397	138
		-	-	VALEO	2-494	189
		01/2001	-	VALEO	3-497	194
		-	-	VALEO	497	194
308		01/2007	-	VALEO	3-497	194
		-	-	VALEO	497	194
		04/2012	-	BOSCH	4-382	007
309	1.6i with XU5 engine	09/1985	12/1993	ISKRA	3-579	128
	1.8 with XUD7 engine	08/1986	12/1993	MITSUBISHI	993	165
	1.9 D with XUD9 engine	08/1986	12/1993	MITSUBISHI	993	165
	1.9 GTI	08/1989	12/1993	ISKRA	3-579	128
	1.9i 16V with XU9 engine	09/1985	12/1993	ISKRA	3-579	128
	1.9i with XU9 engine	09/1985	12/1993	ISKRA	3-579	128
	I 1.4 with K1D (TU3A) engine	03/1989	07/1989	VALEO	491	185
	I 1.4 with K2B (TU3S) engine	03/1989	07/1989	VALEO	491	185
	I 1.4 with KDY (TU3M) engine	03/1989	07/1989	VALEO	491	185
	I 1.4 with KDZ (TU3M) engine	03/1989	07/1989	VALEO	491	185
	II 1.1 with HDZ (TU1M) engine	08/1990	12/1993	VALEO	491	185

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309	II 1.1 with TU1 engine	07/1989	12/1992	VALEO	491	185
	II 1.4 with K1D (TU3A) engine	07/1990	12/1993	VALEO	491	185
	II 1.4 with KDY (TU3M)/ KDZ (TU3M) engine	07/1989	12/1993	VALEO	491	185
	II 1.4 with TU3 engine	01/1991	06/1993	VALEO	491	185
	II 1.4i with TU3 engine	01/1991	06/1993	VALEO	491	185
4007		02/2007	-	BOSCH	4-382	007
404	1.6 with XC6 engine	04/1963	12/1971	VALEO	1-492	187
		10/1968	07/1979	ISKRA	3-579	128
		01/1961	12/1968	VALEO	560	196
405	1.6 GL	06/1987	09/1992	ISKRA	3-579	128
	1.6 GR	06/1987	09/1992	ISKRA	3-579	128
	1.6 SR	06/1987	09/1992	ISKRA	3-579	128
	1.6 com motor XU52C	-	-	VALEO	3-494	190
	1.6 com motor XU5JP	-	-	VALEO	3-494	190
	1.6 com motor XU5M	-	-	VALEO	3-494	190
	1.6 com motor XU7 4 cilindros	-	-	PRESTOLITE	485	175
	1.6 with 4 cylinders XU7 engine	-	-	PRESTOLITE	485	175
	1.8 D	06/1988	12/1992	MITSUBISHI	993	165
	1.8 com motor XU7JP/PPR	-	-	VALEO	1-496	193
		-	-	VALEO	496	193
	1.8i com motor XU7UP	03/2000	-	BOSCH	3-973	059
		03/2000	-	BOSCH	971	057
	1.9 D	03/1995	-	BOSCH	873	052
		01/1993	-	MITSUBISHI	993	165
		08/1992	-	BOSCH	4-382	007
	1.9 GR	03/1988	09/1992	ISKRA	3-579	128
		06/1987	09/1992	ISKRA	3-579	128
	1.9 GRI	06/1987	09/1992	ISKRA	3-579	128
	1.9 SR	06/1987	09/1992	ISKRA	3-579	128
	1.9 SRI	03/1988	09/1992	ISKRA	3-579	128
	1.9 TD	01/1993	-	MITSUBISHI	993	165
	1.9 com motor XU9	-	-	VALEO	1-496	193
		-	-	VALEO	496	193
	1.9 com motor diesel XUD9 4 cilindros diesel	-	-	PRESTOLITE	485	175
	1.9 com motor diesel XUD9A	10/1999	-	BOSCH	4-473	008
		10/1999	-	BOSCH	4-973	060
	1.9 com motor diesel XUD9TE	10/1999	-	BOSCH	4-473	008
		10/1999	-	BOSCH	4-973	060
	1.9 with 4 cylinders XUD9 diesel engine	-	-	PRESTOLITE	485	175
	1.9 with XUD9A diesel engine	10/1999	-	BOSCH	4-473	008
		10/1999	-	BOSCH	4-973	060
	1.9 with XUD9TE diesel engine	10/1999	-	BOSCH	4-473	008
		10/1999	-	BOSCH	4-973	060
	1.9i com motor DDZ	09/1988	12/1992	BOSCH	873	052
	2.0 com motor XU10J4/J4TE	-	-	VALEO	1-497	194
		-	-	VALEO	497	194
	Break 1.4 with KDX (TU3MC) engine	08/1992	10/1996	VALEO	491	185
	I 1.4 with TU3 engine	07/1987	08/1993	VALEO	491	185
	I 1.4 with TU3A engine	07/1987	08/1993	VALEO	491	185
	I 1.4i with TU3 engine	07/1987	08/1993	VALEO	491	185
	I 1.4i with TU3A engine	07/1987	08/1993	VALEO	491	185
	I 1.6 with B1E (XU51C) engine	07/1987	12/1992	BOSCH	376	002
	I 1.6 with BAZ (XU5CP) engine	07/1987	06/1988	BOSCH	376	002
	I 1.6 with BDY (XU5M2Z) engine	07/1987	12/1992	BOSCH	376	002
	I 1.6 with BDZ (XU5M) engine	10/1989	12/1992	BOSCH	376	002
	I 1.9 with D2C (XU92C (U-KAT)) engine	07/1987	12/1992	BOSCH	376	002
	I Break 1.6 with B1E (XU51C) engine	10/1988	08/1992	BOSCH	376	002
	I Break 1.6 with BDY (XU5M2Z) engine	10/1988	08/1992	BOSCH	376	002
	I Break 1.6 with BDY (XU5M3Z) engine	10/1988	08/1992	BOSCH	376	002

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PEUGEOT		de /from	until	M.Part./Starter	ZM	Pag.
405	I Break 1.6 with BDZ (XU5M) engine	10/1988	08/1992	BOSCH	376	002
	I Break 1.9 with D2C (XU92C (U-KAT)) engine	10/1988	08/1992	BOSCH	376	002
	II 1.4 with KDX (TU3MC) engine	08/1992	10/1995	VALEO	491	185
	II 1.6 with BDY (XU5M2Z) engine	08/1992	10/1995	BOSCH	376	002
	II 1.6 with BDY (XU5M3Z) engine	08/1992	10/1995	BOSCH	376	002
	II 1.6 with BDZ (XU5M) engine	08/1992	10/1995	BOSCH	376	002
	II 1.6 with BFZ (XU5JP) engine	08/1992	10/1995	BOSCH	376	002
	II 1.8 with LFZ (XU7JP) engine	08/1992	10/1995	BOSCH	376	002
	II 2.0 4x4 with RFX (XU10J2) engine	08/1992	10/1995	BOSCH	376	002
	II 2.0 with RFX (XU10J2) engine	08/1992	10/1995	BOSCH	376	002
	II Break 1.6 with BDY (XU5M2Z) engine	08/1992	10/1996	BOSCH	376	002
	II Break 1.6 with BDY (XU5M3Z) engine	08/1992	10/1996	BOSCH	376	002
	II Break 1.6 with BDZ (XU5M) engine	08/1992	10/1996	BOSCH	376	002
	II Break 1.6 with BFZ (XU5JP) engine	08/1992	10/1996	BOSCH	376	002
	II Break 1.8 with LFZ (XU7JP) engine	08/1992	10/1996	BOSCH	376	002
	II Break 2.0 4x4 with RFX (XU10J2) engine	08/1992	10/1996	BOSCH	376	002
	II Break 2.0 with RFX (XU10J2) engine	08/1992	10/1996	BOSCH	376	002
	MI 16	06/1987	12/1992	ISKRA	3-579	128
	with XU engine	-	-	VALEO	492	186
406	1.6 com motor XU5JP	-	-	VALEO	1-496	193
		-	-	VALEO	496	193
	1.6 with BFZ (XU5JP) engine	11/1995	05/2004	BOSCH	376	002
	1.8 16V with LFY (XU7JP4) engine	11/1995	10/2000	BOSCH	376	002
	1.8 com motor EW7J4	-	-	VALEO	1-496	193
		-	-	VALEO	496	193
	1.8 with LFX (XU7JP) engine	05/1997	05/2004	BOSCH	376	002
	1.9	01/1996	-	MITSUBISHI	993	165
	1.9 D	01/1996	-	MITSUBISHI	993	165
		01/1996	-	BOSCH	4-382	007
	1.9 TD	01/1996	-	MITSUBISHI	993	165
	2.0 16V com motor EW10D/J4	01/1997	-	VALEO	1-496	193
		01/1997	-	VALEO	496	193
	2.0 16V with RFU (XU10J4R) engine	11/1995	05/2004	BOSCH	376	002
	2.0 HDi	04/1999	-	MITSUBISHI	993	165
	2.0 Turbo with RGX (XU10J2TE) engine	04/1996	05/2004	BOSCH	376	002
	2.1 D	01/1996	-	MITSUBISHI	993	165
		01/1996	-	BOSCH	4-382	007
	2.1 TD	01/1996	-	MITSUBISHI	993	165
	2.2 HDi 16V	03/2000	-	MITSUBISHI	993	165
	Break 1.8 16V with LFY (XU7JP4) engine	10/1996	10/2000	BOSCH	376	002
	Break 1.8 with LFX (XU7JP) engine	05/1997	-	BOSCH	376	002
	Break 2.0 16V with RFU (XU10J4R) engine	10/1996	-	BOSCH	376	002
	Break 2.0 Turbo with RGX (XU10J2TE) engine	10/1996	-	BOSCH	376	002
	Coupe 2.0 16V with RFV (XU10J4R) engine	03/1997	-	BOSCH	376	002
		01/1999	12/2004	MITSUBISHI	5-993	167
407		01/2004	-	VALEO	3-497	194
		-	-	VALEO	497	194
		05/2004	-	BOSCH	4-382	007
504	1.6	10/1971	12/1977	ISKRA	3-579	128
	1.6 L	01/1979	12/1986	PRESTOLITE	471	172
	1.6 Pick-up	10/1979	12/1990	BOSCH	873	052
	1.8	10/1971	12/1977	ISKRA	3-579	128
	1.8 L	01/1971	12/1986	PRESTOLITE	471	172
	1.8 Pick-up com motor 105	07/1984	12/1989	BOSCH	873	052
	1.9 D (M20) with XD88 engine	03/1973	07/1986	VALEO	597	199
	1.9 D Pick-up with XD4.88 engine	03/1981	06/1987	BOSCH	653	034
	2.0	10/1971	12/1977	ISKRA	3-579	128
	2.0 L	01/1971	12/1986	PRESTOLITE	471	172
	2.0 L I	01/1971	12/1983	PRESTOLITE	471	172

TABELA DE APLICAÇÃO
APPLICATION CHART

PEUGEOT		de /from	until	M.Part./Starter	ZM	Pag.
504	2.1 D (A20, M20) with XD90 engine	02/1971	07/1986	VALEO	597	199
	2.1 D Pick-up with XD4.90 engine	08/1981	-	BOSCH	653	034
	2.1 D with XD4.90 engine	08/1981	-	BOSCH	653	034
	2.3 D Pick-up with XD2 engine	07/1984	-	BOSCH	653	034
	2.3 D with XD2 engine	07/1984	-	BOSCH	653	034
	2.3 Pick-up diesel com motor 134	07/1984	12/1989	BOSCH	653	034
	2.5 D Pick-up with XD3 engine	07/1987	-	BOSCH	653	034
	Break 1.8 with XM7 engine	04/1971	07/1986	VALEO	1-492	187
	Break 2.0 with XN1 engine	04/1971	07/1986	VALEO	1-492	187
	Break 2.1 D (E20, F20) with XD90 engine	04/1971	07/1986	VALEO	597	199
	Break 2.3 D (D20, F20) with XD2 engine	07/1975	07/1986	VALEO	597	199
	Convertible 2.0 with 107 (XN2) engine	08/1982	08/1984	VALEO	1-492	187
	Coupe 2.0 with 107 (XN2) engine	08/1982	08/1984	VALEO	1-492	187
	Coupe 2.7 with 140 (ZMJ) engine	10/1977	08/1984	VALEO	1-492	187
	D (A40, A45) with XD2 engine	07/1975	12/1983	VALEO	597	199
	Diesel	09/1976	01/1983	ISKRA	3-579	128
	Pick-up 1.6 L	01/1984	12/1986	PRESTOLITE	471	172
	Pick-up 1.6 with XC7P engine	01/1980	06/1987	VALEO	1-492	187
	Pick-up 1.8 L	01/1984	12/1986	PRESTOLITE	471	172
	Pick-up 1.8 with XM7 engine	07/1987	12/1989	VALEO	1-492	187
	Pick-up 1.9 D with XD88 engine	01/1980	12/1989	VALEO	597	199
	Pick-up 2.0 L	01/1979	12/1990	PRESTOLITE	471	172
	Pick-up 2.3 D with XD2 engine	01/1980	12/1989	VALEO	597	199
	Pick-up 2.3 D with XD3 engine	01/1980	12/1989	VALEO	597	199
	Pick-up com motor diesel XD2	-	-	PRESTOLITE	801	179
	Pick-up with XD2 diesel engine	-	-	PRESTOLITE	801	179
	Ti	10/1971	09/1979	ISKRA	3-579	128
	com motor diesel Indenor XD2L	-	-	PRESTOLITE	2-485	176
	com motor diesel XD2	01/1994	-	PRESTOLITE	1-803	180
		-	-	PRESTOLITE	801	179
	i	09/1977	06/1983	ISKRA	3-579	128
	with Indenor XD2L diesel engine	-	-	PRESTOLITE	2-485	176
	with XD2 diesel engine	01/1994	-	PRESTOLITE	1-803	180
		-	-	PRESTOLITE	801	179
505	(551A) 2.3 Turbo diesel with XD2 engine	09/1980	06/1986	VALEO	597	199
	(551A) 2.3 Turbo diesel with XD2S engine	09/1980	06/1986	VALEO	597	199
	(551A) 2.5 diesel with XD3 engine	06/1981	12/1996	VALEO	597	199
	1.6L	-	-	VALEO	597	199
	1.8 L	01/1979	12/1992	PRESTOLITE	471	172
		-	-	VALEO	597	199
	1.8 with 105 (XM7) engine	01/1982	10/1985	VALEO	1-492	187
	2.0 L	01/1979	12/1992	PRESTOLITE	471	172
		-	-	VALEO	597	199
	2.0 L I	01/1979	12/1982	PRESTOLITE	471	172
	2.0 with 106 (XN1) engine	11/1980	12/1985	VALEO	1-492	187
	2.0 with 106E (XN1A) engine	09/1985	09/1991	VALEO	1-492	187
	2.3 D with XD2, XD2S engine	03/1981	06/1986	BOSCH	653	034
	2.3 TD with XD2, XD2S engine	03/1981	06/1986	BOSCH	653	034
	2.5 D with XD3, XD3.. engine	06/1981	-	BOSCH	653	034
	2.5 TD with XD3, XD3.. engine	06/1981	-	BOSCH	653	034
	Break 2.0 with 106 (XN1) engine	08/1983	12/1985	VALEO	1-492	187
	Break 2.0 with 106E (XN1A) engine	09/1985	11/1987	VALEO	1-492	187
	GL	05/1979	12/1993	ISKRA	3-579	128
	GR	05/1979	12/1993	ISKRA	3-579	128
	SR	05/1979	12/1993	ISKRA	3-579	128
	com motor diesel Indenor XD3	-	-	PRESTOLITE	2-485	176
	com motor diesel XD2	01/1994	-	PRESTOLITE	1-803	180
	with Indenor XD3 diesel engine	-	-	PRESTOLITE	2-485	176
	with XD2 diesel engine	01/1994	-	PRESTOLITE	1-803	180

TABELA DE APLICAÇÃO
APPLICATION CHART

PEUGEOT		de /from	until	M.Part./Starter	ZM	Pag.
508		11/2010	-	BOSCH	4-382	007
604	2.0 L	01/1981	12/1984	PRESTOLITE	471	172
	2.3 TD with XD2S engine	03/1981	06/1983	BOSCH	653	034
		09/1979	05/1983	VALEO	597	199
	2.3 TD with XD2SC engine	09/1979	05/1983	VALEO	597	199
	2.5 TD with XD3T engine	06/1983	06/1986	BOSCH	653	034
		08/1983	12/1986	VALEO	597	199
605	2.0 16V with RFV (XU10J4R) engine	07/1994	09/1999	BOSCH	376	002
	2.0 Turbo with RGX (XU10J2TE) engine	07/1991	09/1999	BOSCH	376	002
	2.0 Turbo with RGY (XU10J2TE) engine	07/1992	09/1999	BOSCH	376	002
	2.0 with RFZ (XU10J2Z) engine	02/1990	09/1999	BOSCH	376	002
	2.0 with RSA (XU102C) engine	06/1989	09/1999	BOSCH	376	002
	2.1 D	03/1990	-	MITSUBISHI	993	165
	2.1 TD	03/1990	-	MITSUBISHI	993	165
		06/1989	-	BOSCH	4-382	007
607	2.2 16V with EW12J4/L4 engine	02/2000	-	VALEO	599	200
	2.2 HDi	03/2000	-	MITSUBISHI	993	165
		02/2000	-	BOSCH	4-382	007
		02/2000	-	MITSUBISHI	5-993	167
806	1.8 with LFW (XU7JP) engine	07/1995	08/2002	BOSCH	376	002
	1.9 D	10/1991	-	MITSUBISHI	993	165
		07/1995	-	BOSCH	4-382	007
	2.0 16V with RFU (XU10J4R) engine	05/1998	09/2000	BOSCH	376	002
	2.0 HDi	08/1999	-	MITSUBISHI	993	165
	2.0 Turbo with RGX (XU10J2TE) engine	06/1994	08/2002	BOSCH	376	002
	2.0 with RFU (XU10J2) engine	06/1994	08/2002	BOSCH	376	002
	2.0i	06/1994	-	MITSUBISHI	993	165
	2.0i Turbo	06/1994	-	MITSUBISHI	993	165
	2.1 D	04/1996	08/1999	MITSUBISHI	993	165
		06/1996	-	BOSCH	4-382	007
		09/2000	08/2002	MITSUBISHI	5-993	167
807	2.0	06/2002	-	MITSUBISHI	993	165
		06/2002	-	BOSCH	4-382	007
	2.2 HDi	06/2002	-	MITSUBISHI	993	165
		06/2002	-	MITSUBISHI	5-993	167
Bipper	1.4 HDi	01/2008	-	VALEO	3-497	194
		-	-	VALEO	497	194
Boxer	1.9L com motor diesel XUD9 4 cilindros	-	-	PRESTOLITE	485	175
	1.9L with 4 cylinders XUD9 diesel engine	-	-	PRESTOLITE	485	175
	2.0 Bus with RFL (XU10J2U) engine	04/2002	-	BOSCH	376	002
	2.0L Box	04/2002	-	BOSCH	376	002
	2.0i 4x4 Bus with RFW (XU10J2) engine	08/1996	04/2002	BOSCH	376	002
	2.0i Box with RFW (XU10J2) engine	06/1994	04/2002	BOSCH	376	002
	2.0i Bus with RFW (XU10J2) engine	03/1994	04/2002	BOSCH	376	002
	2.0i Flatbad / Chassis with RFW (XU10J2) engine	06/1994	04/2002	BOSCH	376	002
	2.2 HDi Box	04/2006	-	BOSCH	3-381	004
	2.2 HDi Bus	04/2006	-	BOSCH	3-381	004
	2.2 HDi Flatbed	04/2006	-	BOSCH	3-381	004
	2.5 D com motor Peugeot	01/1999	12/2002	PRESTOLITE	484	174
	2.5 D with XUD engine	02/1994	-	MITSUBISHI	993	165
	2.5 TD with XUD engine	02/1994	-	MITSUBISHI	993	165
	2.8 D com motor Peugeot	01/1999	12/2002	PRESTOLITE	484	174
	2.8 HDi Box	04/2002	-	BOSCH	2-381	004
	2.8 HDi Bus	04/2002	-	BOSCH	2-381	004
	2.8 TD com motor Peugeot	01/1999	12/2002	PRESTOLITE	484	174
		-	-	BOSCH	1-381	003
Expert	1.9 D	04/1995	-	MITSUBISHI	993	165
	1.9 TD	04/1995	-	MITSUBISHI	993	165
	2.0 HDi with DW10ATED4 engine	07/2000	-	VALEO	599	200

TABELA DE APLICAÇÃO
APPLICATION CHART

PEUGEOT		de /from	until	M.Part./Starter	ZM	Pag.
Expert	Box 1.9 D 70 with DW8/L3 engine	12/1998	-	VALEO	599	200
	Box 2.0 HDi with DW10ATED/L3 engine	07/2000	-	VALEO	599	200
	Box 2.0 HDi with DW10ATED4 engine	07/2000	-	VALEO	599	200
	Box 2.0 HDi with DW10BTED/W3 engine	07/2000	-	VALEO	599	200
		01/2007	-	VALEO	3-497	194
		07/2000	-	MITSUBISHI	5-993	167
J 5	1.8	09/1981	-	ISKRA	3-579	128
	1.8 L	01/1981	12/1984	PRESTOLITE	471	172
	1.9 D	11/1987	-	MITSUBISHI	993	165
	2.0	09/1981	-	ISKRA	3-579	128
	2.0 L (CAT)	01/1981	12/1994	PRESTOLITE	471	172
	Box 1.8 with 169B (XM7T) engine	01/1983	11/1988	VALEO	1-492	187
	Box 2.5 D 4x4 with CRD93 (U25/661) engine	10/1990	-	VALEO	1-592	198
	Box 2.5 TD 4x4 with CRD93LS (U25/673) engine	10/1990	-	VALEO	1-592	198
	Bus 2.0 with 170 (XN1T) engine	01/1983	09/1990	VALEO	1-492	187
	Bus 2.0 with 170B (XN1T) engine	09/1981	09/1990	VALEO	1-492	187
	Bus 2.0 with 170D (XN1TACP) engine	10/1990	-	VALEO	1-492	187
	Bus 2.5 D 4x4 with CRD93 (U25/661) engine	10/1990	-	VALEO	1-592	198
	Bus 2.5 D with CRD93 (U25/661) engine	09/1981	-	VALEO	1-592	198
	Bus 2.5 TD 4x4 with CRD93LS (U25/673) engine	10/1990	-	VALEO	1-592	198
	Bus 2.5 TD with CRD93LS (U25/673) engine	10/1990	-	VALEO	1-592	198
	Flatbed / Chassis 2.0 with 170 (XN1T) engine	01/1983	11/1988	VALEO	1-492	187
	Flatbed / Chassis 2.0 with 170B (XN1T) engine	01/1986	11/1988	VALEO	1-492	187
	Flatbed / Chassis 2.0 with 170D (XN1TACP) engine	10/1990	-	VALEO	1-492	187
	Flatbed / Chassis 2.5 D 4x4x with CRD93 (U25/661) engine	10/1990	-	VALEO	1-592	198
	Flatbed / Chassis 2.5 D with CRD93 (U25/661) engine	09/1981	-	VALEO	1-592	198
	Flatbed / Chassis 2.5 TD 4x4x with CRD93LS (U25/673) engine	-	-	VALEO	1-592	198
	Flatbed / Chassis 2.5 TD with CRD93LS (U25/673) engine	10/1990	-	VALEO	1-592	198
J 7	1.6 with XC7P, XM7P engine	10/1971	06/1988	VALEO	595	199
	1.8 with XC7P, XM7P engine	10/1971	06/1988	VALEO	595	199
J 9	1.6	10/1980	-	VALEO	595	199
	2.0	10/1980	-	VALEO	595	199
	Box 2.1 D with XDP90 engine	03/1980	06/1987	VALEO	597	199
	Box 2.5 D with XD3P engine	07/1982	06/1987	VALEO	597	199
	Bus 2.5 D with XD3P engine	08/1982	06/1987	VALEO	597	199
	Flatbed / Chassis 2.5 D with XD3P engine	07/1982	06/1987	VALEO	597	199
Partner	1.1L Combispace with HDZ (TU1M)/ HFX engine	06/1996	-	VALEO	491	185
	1.1L with HDZ (TU1M) engine	06/1996	-	VALEO	491	185
	1.1i GLP	12/2002	-	VALEO	2-494	189
		06/1996	11/2002	VALEO	3-494	190
	1.4L Combispace with KFX (TU3JP) engine	06/1996	-	VALEO	491	185
	1.4L with KFX (TU3JP) engine	06/1996	-	VALEO	491	185
	1.4i GLP	06/1996	11/2002	VALEO	2-494	189
		06/1996	11/2002	VALEO	3-494	190
	1.4i com motor KFX	07/1996	-	BOSCH	679	037
		07/1996	-	BOSCH	377	002
	1.4i with KFX engine	07/1996	-	BOSCH	377	002
	1.6L 16V Combispace with 5F engine	07/2001	08/2002	MITSUBISHI	1-993	166
	1.6L com motor XU7 4 cilindros	-	-	PRESTOLITE	485	175
	1.6L with 4 cylinders XU7 engine	-	-	PRESTOLITE	485	175
	1.6i 16V	09/2000	11/2002	VALEO	2-494	189
		09/2000	11/2002	VALEO	3-494	190
	1.8 D with XUD7 engine	09/1996	-	MITSUBISHI	993	165
	1.8L Combispace with LFX (XU7JB) engine	05/1997	-	BOSCH	376	002
	1.9 D	12/1998	-	BOSCH	4-382	007
	1.9 D 4x4 Box with DW8B/L4 engine	04/2004	-	VALEO	599	200
	1.9 D Combispace with DW8B/L4 engine	12/1998	-	VALEO	599	200
	1.9 D with XUD9 engine	09/1996	-	MITSUBISHI	993	165
	2.0 HDi 4x4 Box with RHY (DW10TD) engine	04/2004	-	VALEO	599	200

TABELA DE APLICAÇÃO
APPLICATION CHART

PEUGEOT		de /from	until	M.Part./Starter	ZM	Pag.
Partner	2.0 HDi Box with DW10TD/L4 engine	04/2000	-	VALEO	599	200
	2.0 HDi Combispace with DW10TD/L4 engine	02/2000	-	VALEO	599	200
	2.0 HDi with RHY engine	02/2000	-	MITSUBISHI	993	165
		01/2006	-	VALEO	3-497	194
		-	-	VALEO	497	194
Pick-up	T5B com motor diesel Indenor XD2L	-	-	PRESTOLITE	2-485	176
	T5B with Indenor XD2L diesel engine	-	-	PRESTOLITE	2-485	176
Ranch	1.4i	06/1996	11/2002	VALEO	2-494	189
		06/1996	11/2002	VALEO	3-494	190
PORSCHE		de /from	until	M.Part./Starter	ZM	Pag.
911	2.3 L	01/1972	12/1973	BOSCH	527	014
	2.7 L	01/1974	12/1977	BOSCH	527	014
	3.0 L	01/1976	12/1983	BOSCH	527	014
	3.2 Carrera	08/1983	08/1989	BOSCH	528	014
		-	-	BOSCH	729	039
	3.2 L	01/1984	12/1989	BOSCH	527	014
	3.3 L	01/1981	12/1989	BOSCH	527	014
	3.3 Turbo	-	-	BOSCH	729	039
	3.6 Carrera 4 com motor 64.21	09/1995	08/1997	BOSCH	473	007
	3.6 Carrera 4S com motor 64.21	09/1995	08/1997	BOSCH	473	007
	3.6 Targa 4 com motor 64.21	09/1995	08/1997	BOSCH	473	007
	3.6 Targa com motor 64.21/22	09/1995	08/1997	BOSCH	473	007
	3.6 Turbo com motor 64.60	09/1994	08/1997	BOSCH	473	007
		-	-	BOSCH	626	025
914	1.7	01/1969	12/1973	BOSCH	2-873	052
	1.8	08/1973	02/1976	BOSCH	2-873	052
		-	-	BOSCH	626	025
924	2.0 Carrera GT with M31.50 engine	06/1980	10/1986	BOSCH	771	043
	2.0 Turbo with M31.01 engine	11/1978	06/1980	BOSCH	771	043
	2.0 Turbo with M31.03 engine	06/1980	10/1986	BOSCH	771	043
	2.5 S with M44.07 engine	09/1985	07/1987	BOSCH	771	043
	2.5 S with M44.08 engine	09/1985	07/1987	BOSCH	771	043
	2.5 S with M44.09 engine	08/1987	07/1988	BOSCH	771	043
	2.5 S with M44.10 engine	08/1987	07/1988	BOSCH	771	043
	3.3 Turbo with 047.8, .9 engine	01/1976	08/1985	BOSCH	625	025
928	4.5	05/1977	07/1986	BOSCH	528	014
	4.7S	05/1977	07/1986	BOSCH	528	014
	5.0	12/1984	07/1986	BOSCH	528	014
	5.0 GT	-	-	BOSCH	729	039
	5.0 S4	-	-	BOSCH	729	039
	5.0 S4/CS	-	-	BOSCH	729	039
	5.0S	05/1977	07/1986	BOSCH	528	014
	5.4 GTS	-	-	BOSCH	729	039
		05/1986	07/1988	BOSCH	528	014
930	3.0 L	01/1976	12/1977	BOSCH	527	014
	3.3 L	01/1978	12/1979	BOSCH	527	014
944	2.5 S with M44.40 engine	08/1986	07/1988	BOSCH	771	043
	2.5 Turbo with M44.50 engine	08/1985	07/1988	BOSCH	771	043
	2.5 Turbo with M44.51 engine	08/1985	07/1988	BOSCH	771	043
	2.5 Turbo with M44.52 engine	09/1987	07/1991	BOSCH	771	043
	2.5 with M44.01 engine	06/1981	07/1987	BOSCH	771	043
	2.5 with M44.02 engine	01/1985	07/1987	BOSCH	771	043
	2.5 with M44.03 engine	06/1981	07/1987	BOSCH	771	043
	2.5 with M44.04 engine	01/1985	07/1987	BOSCH	771	043
	2.5 with M44.05 engine	06/1981	07/1987	BOSCH	771	043
	2.5 with M44.06 engine	06/1981	07/1987	BOSCH	771	043
	2.5 with M44.07 engine	01/1985	07/1987	BOSCH	771	043
	2.5 with M44.08 engine	01/1985	07/1987	BOSCH	771	043
	2.5 with M44.09 engine	08/1987	12/1990	BOSCH	771	043

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		de /from	until	M.Part./Starter	ZM	Pag.
PORSCHE						
944	2.5 with M44.10 engine	08/1987	12/1990	BOSCH	771	043
	2.7 with M44.11 engine	11/1988	08/1989	BOSCH	771	043
	2.7 with M44.12 engine	11/1988	08/1989	BOSCH	771	043
959	2.8L	-	-	BOSCH	729	039
968	com motor M 44.43/.44	08/1981	11/1995	BOSCH	472	007
Carrera		08/1986	08/1989	BOSCH	528	014
PUMA		de /from	until	M.Part./Starter	ZM	Pag.
914	com motor D 229-4	09/1995	-	BOSCH	632	027
PUTZMEISTER		de /from	until	M.Part./Starter	ZM	Pag.
M740D		-	-	ISKRA	1-579	128
M760 DHBS		-	-	ISKRA	1-579	128
M760DH		-	-	ISKRA	1-579	128
P715TD		-	-	ISKRA	1-579	128
P718		-	-	ISKRA	1-579	128
RAM		de /from	until	M.Part./Starter	ZM	Pag.
1500	3.6 Liter V6 - 3604 CC, 220 CID	-	-	DENSO	1-665	102
		01/2015	-	DENSO	4-665	102
C/V	3.6 Liter V6 - 3604 CC, 220 CID	01/2012	-	DENSO	1-665	102
ProMaster 1500	3.6 Liter V6 - 3604 CC, 220 CID	01/2014	-	DENSO	1-665	102
ProMaster 2500	3.6 Liter V6 - 3604 CC, 220 CID	01/2014	-	DENSO	1-665	102
ProMaster 3500	3.6 Liter V6 - 3604 CC, 220 CID	01/2014	-	DENSO	1-665	102
RANDON		de /from	until	M.Part./Starter	ZM	Pag.
Retro Escavadeira	RD406 com motor MWM 4.3L	06/2012	-	DELCO REMY	3-818	091
	RK406 com motor MWM 4.3L	06/2012	-	DELCO REMY	3-818	091
RENAULT		de /from	until	M.Part./Starter	ZM	Pag.
440	1.7	09/1988	-	VALEO	594	198
	1.7i	09/1988	-	VALEO	594	198
	ES	09/1988	-	VALEO	594	198
	Turbo	09/1988	-	VALEO	594	198
460	1.7	03/1990	-	VALEO	594	198
	1.7i	03/1990	-	VALEO	594	198
	ES	03/1990	-	VALEO	594	198
	Turbo	03/1990	-	VALEO	594	198
480	1.7	02/1987	-	VALEO	594	198
	ES	05/1987	-	VALEO	594	198
	Turbo	05/1987	-	VALEO	594	198
Alpine V6	2.5 Turbo with Z7U engine	01/1988	12/1990	VALEO	593	198
	2.5 Turbo with Z7U-734 engine	01/1985	12/1990	VALEO	593	198
	2.9 GT with Z6W engine	01/1985	12/1990	VALEO	593	198
Avantime	2.2 dCi	05/2002	05/2003	VALEO	2-496	193
Clio	1.0 8V com motor D4D	06/1999	-	VALEO	2-492	187
		06/1999	-	VALEO	3-492	187
	1.0 8Vcom motor D4D	-	-	VALEO	2-498	195
	1.0 com motor D7D	10/1999	-	VALEO	4-495	192
	1.0i 8V com motor D7D 760	09/1999	-	BOSCH	1-777	047
	1.0i 8V with D7D 760 engine	09/1999	-	BOSCH	1-777	047
	1.1	04/1996	-	BOSCH	373	001
	1.2i com motor D7F 726	10/1996	-	BOSCH	373	001
	1.5L T DSL	01/2002	-	MITSUBISHI	6-993	167
	1.6 16V	03/2000	-	VALEO	2-494	189
		-	-	VALEO	6-492	188
		-	-	VALEO	7-492	188
		09/1998	-	VALEO	7-495	192
	1.6i com motor C3L	07/1999	-	BOSCH	478	011
	1.6i com motor K7M 746	09/1999	-	BOSCH	1-777	047
	1.6i with K7M 746 engine	09/1999	-	BOSCH	1-777	047
	I 1.2 with D7F 730 engine	01/1996	09/1998	VALEO	4-495	192
	I 1.2 with E7F 700 engine	05/1990	09/1998	VALEO	1-491	185

TABELA DE APLICAÇÃO
APPLICATION CHART

RENAULT		de /from	until	M.Part./Starter	ZM	Pag.
Clio	I 1.2 with E7F 706 engine	01/1991	01/1998	VALEO	1-491	185
	I 1.2 with E7F 708 engine	05/1990	09/1998	VALEO	1-491	185
	I 1.2 with E7F 750 engine	05/1990	09/1998	VALEO	1-491	185
	I 1.4 with E7J 718 engine	01/1991	01/1998	VALEO	1-491	185
	I 1.4 with E7J 719 engine	01/1991	01/1998	VALEO	1-491	185
	I 1.4 with E7J 754 engine	01/1991	01/1998	VALEO	1-491	185
	I 1.4 with E7J 756 engine	01/1991	01/1998	VALEO	1-491	185
	I 1.4 with E7J 757 engine	01/1991	01/1998	VALEO	1-491	185
	I 1.8 16V with F7P 722 engine	08/1991	06/1994	BOSCH	777	047
	I 1.8 with F3P 710 engine	01/1991	01/1998	VALEO	1-491	185
	I 1.8 with F3P 714 engine	01/1991	01/1998	VALEO	1-491	185
	I Baccara with F2N engine	01/1990	-	VALEO	594	198
	I Box 1.2 with E7F 706 engine	01/1991	01/1998	VALEO	1-491	185
	I Box 1.2 with E7F 750 engine	01/1991	01/1998	VALEO	1-491	185
	I RL with C1E engine	01/1990	-	VALEO	594	198
	I RN with C1E engine	01/1990	-	VALEO	594	198
	I RT with F2N engine	01/1990	-	VALEO	594	198
	I Williams with F7R 700 engine	01/1994	09/1998	BOSCH	777	047
	II 1.2 16V with D4F 712 engine	06/2001	-	VALEO	4-495	192
	II 1.2 16V with D4F 714 engine	06/2001	-	VALEO	4-495	192
	II 1.2 with D7F 710 engine	09/1998	-	VALEO	4-495	192
	II 1.2 with D7F 720 engine	09/1998	-	VALEO	4-495	192
	II 1.2 with D7F 726 engine	09/1998	-	VALEO	4-495	192
	II 1.2i	10/1999	-	BOSCH	373	001
	II 1.6 with K7M 744 engine	09/1998	-	VALEO	2-491	185
	II 1.6 with K7M 745 engine	09/1998	-	VALEO	2-491	185
	II 2.0 16V	03/1999	10/2007	BOSCH	379	003
	II Box 1.1 with D7F 720 engine	09/1998	-	VALEO	4-495	192
	II Box 1.1 with D7F 722 engine	09/1998	-	VALEO	4-495	192
	com motor 1.4	-	-	PRESTOLITE	3-716	178
	com motor C3L 1.6	-	-	PRESTOLITE	1-716	178
	com motor diesel F8Q 1.9	-	-	PRESTOLITE	3-716	178
	with 1.4 engine	-	-	PRESTOLITE	3-716	178
		08/2000	-	VALEO	7-495	192
	with C3L 1.6 engine	-	-	PRESTOLITE	1-716	178
	with F8Q 1.9 diesel engine	-	-	PRESTOLITE	3-716	178
		-	-	HITACHI	1-710	119
		-	-	VALEO	4-494	190
Espace	2.0	-	-	BOSCH	1-379	003
	2.1 L Turbo diesel	01/1984	12/1990	PRESTOLITE	801	179
	II 2.1 L Turbo diesel	01/1991	12/1996	PRESTOLITE	801	179
	II 2.8 V6 with Z7W 712/ Z7W 713 engine	01/1991	08/1996	VALEO	593	198
	III 2.0 with F3R 728 engine	11/1996	10/2000	VALEO	1-491	185
	III 2.0 with F3R 729 engine	11/1996	10/2000	VALEO	1-491	185
	III 2.0 with F3R 742 engine	11/1996	10/2000	VALEO	1-491	185
	III 2.0 with F3R 768 engine	11/1996	10/2000	VALEO	1-491	185
	III 2.0 with F3R 769 engine	11/1996	10/2000	VALEO	1-491	185
	III 2.0i 16V with F4R engine	10/1998	10/2002	BOSCH	379	003
	III 2.2 D	11/1997	01/2000	VALEO	2-496	193
	III 2.2 dCi	07/2000	10/2002	VALEO	2-496	193
Estafette	1.1	02/1962	12/1981	VALEO	1-596	199
	1.3	08/1969	12/1981	VALEO	1-596	199
		10/1975	09/1980	VALEO	561	196
Express	1.6 diesel com motor F8M 720	03/1986	03/1997	BOSCH	1-777	047
	1.6 diesel com motor F8M 730	10/1987	08/1991	BOSCH	1-777	047
	1.6 diesel com motor F8M 736	09/1991	03/1997	BOSCH	1-777	047
	1.6 diesel com motor F8M 760	09/1991	03/1997	BOSCH	1-777	047
	1.6 diesel with F8M 720 engine	03/1986	03/1997	BOSCH	1-777	047
	1.6 diesel with F8M 730 engine	10/1987	08/1991	BOSCH	1-777	047

TABELA DE APLICAÇÃO
APPLICATION CHART

RENAULT		de /from	until	M.Part./Starter	ZM	Pag.
Express	1.6 diesel with F8M 736 engine	09/1991	03/1997	BOSCH	1-777	047
	1.6 diesel with F8M 760 engine	09/1991	03/1997	BOSCH	1-777	047
		01/1985	01/1992	VALEO	594	198
Extra	1.6 diesel com motor F8M 720	03/1986	03/1997	BOSCH	1-777	047
	1.6 diesel com motor F8M 730	10/1987	08/1991	BOSCH	1-777	047
	1.6 diesel com motor F8M 736	09/1991	03/1997	BOSCH	1-777	047
	1.6 diesel com motor F8M 760	09/1991	03/1997	BOSCH	1-777	047
	1.6 diesel with F8M 720 engine	03/1986	03/1997	BOSCH	1-777	047
	1.6 diesel with F8M 730 engine	10/1987	08/1991	BOSCH	1-777	047
	1.6 diesel with F8M 736 engine	09/1991	03/1997	BOSCH	1-777	047
	1.6 diesel with F8M 760 engine	09/1991	03/1997	BOSCH	1-777	047
Fuego	1.4 GTL with 847-720 engine	03/1980	10/1985	VALEO	595	199
	1.4 TL with 847-720 engine	03/1980	10/1985	VALEO	595	199
	1.6 Turbo with A5L-750 engine	09/1983	10/1985	BOSCH	528	014
		09/1983	10/1985	BOSCH	672	035
		09/1983	10/1985	VALEO	561	196
	1.6 with A2M, ..A6M engine	03/1980	10/1985	BOSCH	528	014
		03/1980	10/1985	BOSCH	672	035
		03/1980	10/1985	VALEO	561	196
	2.0	-	-	PRESTOLITE	471	172
	2.1 L Turbo diesel	01/1982	12/1985	PRESTOLITE	801	179
	2.2 L	-	-	PRESTOLITE	471	172
	GTL with R1360 engine	02/1980	-	ISKRA	3-579	128
	TL with R1360 engine	02/1980	-	ISKRA	3-579	128
Grand Scénic		-	-	HITACHI	1-710	119
Kangoo	1.0 16V com motor D4D	06/1999	-	VALEO	2-492	187
		06/1999	-	VALEO	3-492	187
	1.0 com motor D7D	10/1999	-	VALEO	1-491	185
		10/1999	-	VALEO	4-495	192
	1.2 16V with D4F 712 engine	06/2001	-	VALEO	4-495	192
	1.2 16V with D4F 714 engine	06/2001	-	VALEO	4-495	192
	1.2 16V with D4F 716 engine	06/2001	-	VALEO	4-495	192
	1.2 with D7F 710 engine	03/1998	-	VALEO	4-495	192
	1.2 with D7F 720 engine	03/1998	-	VALEO	4-495	192
	1.2 with D7F 722 engine	03/1998	-	VALEO	4-495	192
	1.2 with D7F 726 engine	03/1998	-	VALEO	4-495	192
	1.2 with D7F 744 engine	03/1998	-	VALEO	4-495	192
	1.2 with D7F 746 engine	03/1998	-	VALEO	4-495	192
	1.2i	10/1997	-	BOSCH	373	001
	1.4 with E7J 634 engine	03/1998	-	VALEO	1-491	185
		03/1998	-	VALEO	2-491	185
	1.4 with E7J 635 engine	03/1998	-	VALEO	1-491	185
		03/1998	-	VALEO	2-491	185
	1.4 with E7J 780 engine	03/1998	-	VALEO	1-491	185
		03/1998	-	VALEO	2-491	185
	1.4 with K7J 700 engine	03/1998	-	VALEO	1-491	185
		03/1998	-	VALEO	2-491	185
	1.4 with K7J 701 engine	03/1998	-	VALEO	1-491	185
		03/1998	-	VALEO	2-491	185
	1.5L T DSL	01/2002	-	MITSUBISHI	6-993	167
	1.6 16V	-	-	VALEO	6-492	188
		-	-	VALEO	7-492	188
	1.6 16V com motor K4M	03/2000	-	VALEO	2-494	189
		10/2001	-	VALEO	7-495	192
	1.6 com motor C3L	01/1994	-	VALEO	2-491	185
	1.6 com motor K7M	06/1999	-	VALEO	2-491	185
	Express 1.2 16V with D4F 712 engine	10/2001	-	VALEO	4-495	192
	Express 1.2 16V with D4F 714 engine	10/2001	-	VALEO	4-495	192
	Express 1.2 with D7F 710 engine	03/1998	-	VALEO	4-495	192

TABELA DE APLICAÇÃO
APPLICATION CHART

RENAULT		de /from	until	M.Part./Starter	ZM	Pag.
Kangoo	Express 1.2 with D7F 720 engine	03/1998	-	VALEO	4-495	192
	Express 1.2 with D7F 722 engine	03/1998	-	VALEO	4-495	192
	Express 1.2 with D7F 726 engine	03/1998	-	VALEO	4-495	192
	Express 1.2 with D7F 744 engine	03/1998	-	VALEO	4-495	192
	Express 1.2 with D7F 746 engine	03/1998	-	VALEO	4-495	192
	Express 1.4 with K7J 634 engine	03/1998	-	VALEO	2-491	185
	Express 1.4 with K7J 635 engine	03/1998	-	VALEO	2-491	185
	Express 1.4 with K7J 701 engine	03/1998	-	VALEO	2-491	185
	Express 1.4 with K7J 780 engine	03/1998	-	VALEO	2-491	185
		02/2008	-	MITSUBISHI	1-993	166
		-	-	VALEO	4-494	190
		-	-	MITSUBISHI	995	167
Laguna	1.6L K4M	11/1997	03/2001	VALEO	7-495	192
	1.8L Grandtour	03/2001	-	BOSCH	379	003
	1.8L Grandtour 1	05/1998	02/2001	BOSCH	379	003
	1.8L with F3P 720 engine	11/1993	03/2001	VALEO	1-491	185
	1.8L with F3P 724 engine	11/1993	03/2001	VALEO	1-491	185
	1.9L	03/2001	-	VALEO	2-496	193
	2.0L Grandtour with F3R 722 engine	09/1995	03/2001	BOSCH	777	047
		09/1995	03/2001	VALEO	1-491	185
	2.0L Grandtour with F3R 723 engine	09/1995	03/2001	BOSCH	777	047
		09/1995	03/2001	VALEO	1-491	185
	2.0L with F3R 722 engine	11/1993	03/2001	BOSCH	777	047
		11/1993	03/2001	VALEO	1-491	185
	2.0L with F3R 723 engine	11/1993	03/2001	BOSCH	777	047
		11/1993	03/2001	VALEO	1-491	185
	2.0i 16V	03/2001	-	BOSCH	1-379	003
	I 1.8i 16V	05/1998	02/2001	BOSCH	379	003
	I 2.0L Grandtour 2	09/1999	02/2001	BOSCH	379	003
	I 2.0i 16V	09/1999	02/2001	BOSCH	379	003
	II 1.8i 16V	03/2001	-	BOSCH	379	003
	II 2.2L dCi	10/2001	-	VALEO	2-496	193
	II 2.2L dCi Grandtour	10/2001	-	VALEO	2-496	193
		-	-	HITACHI	1-710	119
		-	-	VALEO	6-492	188
		-	-	VALEO	7-492	188
Lecar	1.4L	01/1980	12/1983	VALEO	596	199
Logan	1.0 com motor D4D	-	-	VALEO	2-498	195
	1.6L 16V	02/2007	-	BOSCH	6-271	000
	1.6L 8V	01/2007	-	BOSCH	6-271	000
		09/2004	-	MITSUBISHI	1-993	166
		-	-	VALEO	6-492	188
		-	-	VALEO	7-492	188
		-	-	MITSUBISHI	995	167
Manager	G 200	09/1991	03/1993	BOSCH	2-639	029
	G 210	05/1992	10/1996	BOSCH	2-639	029
	G 230ti	09/1991	10/1996	BOSCH	2-639	029
Mascott	ZD3	05/2004	12/2010	HITACHI	3-719	122
	dxl3	05/2004	12/2010	HITACHI	3-719	122
		-	-	BOSCH	6-381	005
Master	1.9L	01/1998	-	MITSUBISHI	2-993	166
	1.9L TDi	01/1998	-	MITSUBISHI	2-993	166
	2.5L	10/1997	-	MITSUBISHI	2-993	166
	2.5L TD	01/1998	-	MITSUBISHI	2-993	166
	2.8L DTi	10/1997	-	MITSUBISHI	2-993	166
	3.0L	10/2003	-	HITACHI	3-719	122
	II Box 2.2L dCi 90	09/2000	-	VALEO	2-496	193
	II Box 2.5L D	07/1998	01/2001	MITSUBISHI	2-993	166
	II Box 2.5L dCi 120	10/2001	-	VALEO	2-496	193

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APPLICATION CHART

RENAULT		de /from	until	M.Part./Starter	ZM	Pag.
Master	II Box 2.8 DTi	07/1998	10/2001	MITSUBISHI	2-993	166
	II Bus 2.2 dCi 90	09/2000	-	VALEO	2-496	193
	II Bus 2.5 D	07/1998	01/2001	MITSUBISHI	2-993	166
	II Bus 2.5 dCi 120	10/2001	-	VALEO	2-496	193
	II Bus 2.8 DTi	07/1998	10/2001	MITSUBISHI	2-993	166
	II Flatbed 2.5 D	07/1998	01/2001	MITSUBISHI	2-993	166
	II Flatbed 2.8 DTi	07/1998	10/2001	MITSUBISHI	2-993	166
	III Box 2.5 dCi	08/2006	-	VALEO	2-496	193
	III Flatbed/Chassis 2.5 dCi	10/2003	-	VALEO	2-496	193
	T30 2.0 L diesel	01/1986	12/1997	PRESTOLITE	801	179
Maxter	G 230ti	10/1992	05/1995	BOSCH	2-639	029
Megane	1.4L K4J	11/1999	-	VALEO	7-495	192
	1.6 16V com motor K4M	03/2001	-	VALEO	2-495	191
	1.6L 16V	-	-	VALEO	6-492	188
		-	-	VALEO	7-492	188
		11/1997	-	VALEO	7-495	192
	1.6e Cabriolet with K7M 702 engine	10/1996	03/1999	VALEO	1-491	185
	1.6e Cabriolet with K7M 703 engine	10/1996	03/1999	VALEO	1-491	185
	1.8 Grand tour	10/2000	09/2003	BOSCH	379	003
	1.8i 16V	03/1999	10/2002	BOSCH	379	003
	2.0 16V Cabriolet with F7R 710 engine	10/1996	11/1999	VALEO	1-491	185
	2.0 16V Cabriolet with F7R 714 engine	10/1996	11/1999	VALEO	1-491	185
	2.0L 16v	03/1999	-	BOSCH	1-379	003
	2.0i 1 Cabrio	03/1999	09/2003	BOSCH	379	003
	2.0i 16V	02/2000	10/2002	BOSCH	379	003
	2.0i 16V Coupe	03/1999	10/2002	BOSCH	379	003
	2.0i 16V com motor F7R 710	01/1996	04/1997	BOSCH	374	002
	2.0i 16V com motor F7R 714	05/1997	10/2002	BOSCH	374	002
	2.0i com motor F3R 751	09/1996	02/1999	BOSCH	374	002
	2.0i com motor F3R 791	03/1997	10/2002	BOSCH	374	002
	2.0i com motor F3R 797	04/1997	10/2002	BOSCH	374	002
	Classic 1.4 with E7J 626 engine	09/1996	-	VALEO	1-491	185
		09/1996	-	VALEO	2-491	185
	Classic 1.4 with E7J 764 engine	09/1996	-	VALEO	1-491	185
		09/1996	-	VALEO	2-491	185
	Classic 1.6e with K7M 702 engine	09/1996	03/1999	VALEO	1-491	185
	Classic 1.6e with K7M 703 engine	09/1996	03/1999	VALEO	1-491	185
	Classic 1.6e with K7M 790 engine	09/1996	03/1999	VALEO	1-491	185
	Classic 1.6i with K7M 720 engine	09/1996	03/1999	VALEO	1-491	185
	Classic 1.8i	05/2000	09/2003	BOSCH	379	003
	Classic 2.0i	11/2000	09/2003	BOSCH	379	003
	Classic 2.0i with F3R 750 engine	09/1996	-	VALEO	1-491	185
	Classic 2.0i with F3R 751 engine	09/1996	-	VALEO	1-491	185
	Coach 1.6e with E7M 702 engine	03/1996	03/1999	VALEO	1-491	185
	Coach 1.6e with E7M 703 engine	03/1996	03/1999	VALEO	1-491	185
	Coach 1.9 DTi with F9Q 731 engine	03/1997	02/2001	VALEO	1-491	185
	Coach 1.9 DTi with F9Q 734 engine	03/1997	02/2001	VALEO	1-491	185
	Coach 1.9 DTi with F9Q 736 engine	03/1997	02/2001	VALEO	1-491	185
	Coach 2.0 16V with F7R 710 engine	03/1996	11/1999	VALEO	1-491	185
	Coach 2.0 16V with F7R 714 engine	03/1996	11/1999	VALEO	1-491	185
	Coach 2.0i with F3R 750 engine	03/1996	-	VALEO	1-491	185
	Coach 2.0i with F3R 751 engine	03/1996	-	VALEO	1-491	185
	Grand Tour	-	-	VALEO	4-494	190
	I 1.4 Eco with E7J 624 engine	01/1996	03/1999	VALEO	1-491	185
	I 1.6e with K7M 702 engine	01/1996	03/1999	VALEO	1-491	185
	I 1.6e with K7M 703 engine	01/1996	03/1999	VALEO	1-491	185
	I 1.6e with K7M 790 engine	01/1996	03/1999	VALEO	1-491	185
	I 1.6i with K7M 720 engine	01/1996	03/1999	VALEO	1-491	185
	I 1.9 DTi with F9Q 730 engine	03/1997	02/2001	VALEO	1-491	185

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RENAULT		de /from	until	M.Part./Starter	ZM	Pag.
Megane	I 1.9 DTi with F9Q 731 engine	03/1997	02/2001	VALEO	1-491	185
	I 1.9 DTi with F9Q 734 engine	03/1997	02/2001	VALEO	1-491	185
	I 1.9 DTi with F9Q 736 engine	03/1997	02/2001	VALEO	1-491	185
	I 2.0 16V with F7R 710 engine	07/1996	-	VALEO	1-491	185
	I 2.0 16V with F7R 714 engine	07/1996	-	VALEO	1-491	185
	I 2.0i with F3R 750 engine	01/1996	-	BOSCH	777	047
		01/1996	-	VALEO	1-491	185
	I 2.0i with F3R 751 engine	03/1993	10/1996	BOSCH	777	047
		01/1996	-	VALEO	1-491	185
	Scenic 1.4i with E7J 764 engine	01/1997	09/1999	VALEO	1-491	185
	Scenic 1.6e with K7M 702 engine	01/1997	09/1999	VALEO	1-491	185
	Scenic 1.6e with K7M 703 engine	01/1997	09/1999	VALEO	1-491	185
	Scenic 1.6i with K7M 720 engine	01/1997	09/1999	VALEO	1-491	185
	Scenic 2.0i with F3R 750 engine	01/1997	09/1999	VALEO	1-491	185
	Scenic 2.0i with F3R 751 engine	01/1997	09/1999	VALEO	1-491	185
	com motor 2.0 (Tipo)	-	-	PRESTOLITE	3-716	178
	with 2.0 (Tipo) engine	-	-	PRESTOLITE	3-716	178
		-	-	HITACHI	1-710	119
		-	-	VALEO	4-494	190
Midliner	M 140	04/1989	03/1993	BOSCH	2-639	029
	M 150	11/1992	01/2000	BOSCH	2-639	029
	M 160	05/1989	03/1993	BOSCH	2-639	029
	M 180	11/1992	01/2000	BOSCH	2-639	029
	M 200	05/1988	03/1993	BOSCH	2-639	029
	M 210	05/1992	01/2000	BOSCH	2-639	029
	M 230	05/1989	10/1996	BOSCH	2-639	029
	M 250	05/1996	01/2000	BOSCH	2-639	029
	ME 160	05/1989	03/1993	BOSCH	2-639	029
	ME 180	05/1989	03/1993	BOSCH	2-639	029
	S 110	06/1985	09/1990	BOSCH	2-639	029
	S 130	09/1983	01/1990	BOSCH	2-639	029
	S 135	02/1994	05/1996	BOSCH	2-639	029
	S 140	01/1990	09/1993	BOSCH	2-639	029
	S 150	11/1992	01/2000	BOSCH	2-639	029
	S 160	01/1990	09/1993	BOSCH	2-639	029
	S 170	10/1982	09/1993	BOSCH	2-639	029
	S 180	11/1992	01/2000	BOSCH	2-639	029
	S 210	04/1995	01/2000	BOSCH	2-639	029
	S 220	09/1987	09/1990	BOSCH	2-639	029
Midlum	135	01/2000	-	BOSCH	2-639	029
	150	01/2000	-	BOSCH	2-639	029
	180	01/2000	-	BOSCH	2-639	029
	210	01/2000	-	BOSCH	2-639	029
	220	01/2000	-	BOSCH	2-639	029
	250	01/2000	-	BOSCH	2-639	029
	270	01/2000	-	BOSCH	2-639	029
Modus	1.2L	05/2005	-	VALEO	4-495	192
	1.2L with D4F 740 engine	12/2004	-	VALEO	4-495	192
		-	-	VALEO	4-494	190
Mégane Classic	2.0i com motor F3R 751	09/1996	04/1997	BOSCH	374	002
	2.0i com motor F3R 791	08/1997	03/1997	BOSCH	374	002
	2.0i com motor F3R 797	09/1996	10/2002	BOSCH	374	002
Mégane Coupe	2.0i 16V com motor F7R 710	01/1996	04/1997	BOSCH	374	002
	2.0i 16V com motor F7R 714	05/1997	10/2002	BOSCH	374	002
	2.0i com motor F3R 751	01/1996	03/1997	BOSCH	374	002
	2.0i com motor F3R 791	11/1997	10/2002	BOSCH	374	002
	2.0i com motor F3R 797	04/1997	10/2002	BOSCH	374	002
Premium Distribution	210	04/1996	-	BOSCH	2-639	029
	250	04/1996	-	BOSCH	2-639	029

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RENAULT		de /from	until	M.Part./Starter	ZM	Pag.
Premium Distribution	270	08/2000	-	BOSCH	2-639	029
	300	04/1996	-	BOSCH	2-639	029
R11	1.1 with C1.., C2.. engine	09/1983	-	VALEO	594	198
	1.2 with C1.., C2.. engine	09/1983	-	VALEO	594	198
	1.4 Turbo with C1J 7.. engine	09/1983	-	VALEO	594	198
	1.7 with F2N 7.. engine	09/1983	-	VALEO	594	198
	1.7 with F3N 708 engine	06/1987	12/1988	VALEO	1-491	185
	1.7 with F3N 718 engine	10/1984	12/1988	VALEO	1-491	185
	Box 1.1 with C1E 715 engine	03/1983	06/1986	VALEO	1-594	198
	Box 1.1 with C1E 720 engine	03/1983	06/1986	VALEO	1-594	198
	Box 1.2 with C1G 700 engine	10/1984	12/1988	VALEO	1-594	198
	Box 1.2 with C1G 710 engine	10/1984	12/1988	VALEO	1-594	198
	Box 1.4 with C1J 715 engine	03/1983	09/1986	VALEO	1-594	198
	Box 1.4 with C2J 730 engine	03/1983	09/1986	VALEO	1-594	198
	Box 1.4 with C2J 768 engine	03/1983	12/1986	VALEO	1-594	198
	com motor 1.4	-	-	PRESTOLITE	1-716	178
	com motor C3L 1.6	-	-	PRESTOLITE	1-716	178
	with 1.4 engine	-	-	PRESTOLITE	1-716	178
	with C3L 1.6 engine	-	-	PRESTOLITE	1-716	178
R12	1.3 TS with 810-06 engine	08/1972	08/1980	VALEO	1-596	199
	1.3 with 810 engine	10/1969	08/1980	VALEO	596	199
	1.3 with 810-02 engine	07/1975	04/1980	VALEO	1-596	199
	1.3 with 810-97 engine	10/1969	08/1980	VALEO	1-596	199
	1.4	08/1976	05/1979	VALEO	1-596	199
	1.6 L	01/1971	12/1977	HITACHI	1-784	124
		01/1971	12/1977	HITACHI	582	114
		01/1971	12/1977	HITACHI	681	115
		01/1971	12/1977	HITACHI	784	124
	Box 1.3 with 810-02 engine	07/1975	04/1980	VALEO	1-596	199
	Variable 1.3 with 810-06 engine	08/1973	08/1980	VALEO	1-596	199
		-	-	PRESTOLITE	471	172
R14	1.2 with 129, X5J, 150 engine	05/1976	06/1983	BOSCH	672	035
		05/1976	06/1986	VALEO	561	196
	1.4 with 129, X5J, 150 engine	05/1976	06/1983	BOSCH	672	035
		05/1976	06/1986	VALEO	561	196
R15	1.3	03/1972	10/1980	VALEO	1-596	199
	1.3 with 810, 807 engine	10/1971	08/1979	VALEO	596	199
	1.6 L	01/1971	12/1977	HITACHI	1-784	124
		01/1971	12/1977	HITACHI	582	114
		01/1971	12/1977	HITACHI	681	115
		01/1971	12/1977	HITACHI	784	124
	1.6 with 810, 807 engine	10/1971	08/1979	VALEO	596	199
R17	1.6 L	01/1971	12/1977	HITACHI	1-784	124
		01/1971	12/1977	HITACHI	582	114
		01/1971	12/1977	HITACHI	681	115
		01/1971	12/1977	HITACHI	784	124
R18	1.4 GTL with 847 720, 722 engine	04/1978	02/1986	VALEO	595	199
	1.4 TL with 847 720, 722 engine	04/1978	02/1986	VALEO	595	199
	1.6 4x4 with A2M.., A6M.. engine	04/1978	02/1986	BOSCH	528	014
		04/1978	02/1986	BOSCH	672	035
		04/1978	02/1986	VALEO	561	196
	1.6 Turbo with 80727, S70, S271 engine	10/1980	09/1982	BOSCH	528	014
		10/1980	09/1982	BOSCH	672	035
		10/1980	09/1982	VALEO	561	196
	1.6 with A2M.., A6M.. engine	04/1978	02/1986	BOSCH	528	014
	2.0	-	-	PRESTOLITE	471	172
	2.2 L	-	-	PRESTOLITE	471	172
		07/1993	-	BOSCH	671	034
		06/1983	02/1986	ISKRA	3-579	128

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RENAULT		de /from	until	M.Part./Starter	ZM	Pag.
R19	1.3 with C1G 730 engine	09/1988	-	VALEO	594	198
	1.4 with C1J 742, C2J772 engine	09/1988	-	VALEO	594	198
	1.4 with E6J 7.. engine	09/1988	-	VALEO	594	198
	1.6 com motor F8M	01/1994	-	VALEO	2-491	185
	1.6i com motor C3L	07/1999	-	BOSCH	478	011
	1.7 with F2N 720, 721, 722, 728 engine	09/1988	-	VALEO	594	198
	1.7i (Cat) with F3N 74.. engine	09/1988	-	VALEO	594	198
	1.8i 16V with F7P 704 engine	06/1989	-	VALEO	594	198
	I 1.7 with F3N 740 engine	09/1988	04/1992	VALEO	1-491	185
	I 1.7 with F3N 741 engine	09/1988	04/1992	VALEO	1-491	185
	I 1.7 with F3N 742 engine	09/1988	04/1992	VALEO	1-491	185
	I 1.7 with F3N 743 engine	09/1988	04/1992	VALEO	1-491	185
	I Cabriolet 1.7 with F3N 742 engine	07/1991	04/1992	VALEO	1-491	185
	I Cabriolet 1.7 with F3N 743 engine	07/1991	04/1992	VALEO	1-491	185
	I Chamade 1.7 with F3N 742 engine	07/1988	04/1992	VALEO	1-491	185
	I Chamade 1.7 with F3N 743 engine	07/1988	04/1992	VALEO	1-491	185
	II 1.4 with E7J 742 engine	01/1992	12/1995	VALEO	1-491	185
	II 1.7 with F3P 743 engine	04/1992	12/1995	VALEO	1-491	185
	II 1.8 with F3P 682 engine	05/1994	12/1995	VALEO	1-491	185
	II 1.8 with F3P 706 engine	04/1992	12/1995	VALEO	1-491	185
	II 1.8 with F3P 707 engine	04/1992	12/1995	VALEO	1-491	185
	II 1.8 with F3P 708 engine	04/1992	12/1995	VALEO	1-491	185
	II 1.8 with F3P 760 engine	04/1992	12/1995	VALEO	1-491	185
	II 1.8 with F3P 765 engine	05/1994	12/1995	VALEO	1-491	185
	II Chamade 1.8 with F3P 700 engine	11/1993	12/1995	VALEO	1-491	185
	com motor 1.8	-	-	PRESTOLITE	3-716	178
	com motor C3L 1.6	-	-	PRESTOLITE	1-716	178
	with 1.8 engine	-	-	PRESTOLITE	3-716	178
	with C3L 1.6 engine	-	-	PRESTOLITE	1-716	178
		-	-	PRESTOLITE	471	172
R20	1.6 with 843 engine	10/1975	10/1981	BOSCH	528	014
		10/1975	10/1981	BOSCH	672	035
		10/1975	10/1981	VALEO	561	196
R21	1.7 with F3N 726 engine	09/1989	10/1992	VALEO	1-491	185
	2.2 com motor 2.2	01/1993	-	BOSCH	671	034
	Estate 1.7 with F2N 712 engine	03/1986	12/1987	VALEO	1-491	185
	Estate 1.7 with F3N 722 engine	10/1989	12/1993	VALEO	1-491	185
	Estate 1.7 with F3N 723 engine	10/1989	12/1993	VALEO	1-491	185
	Estate 1.7 with F3N 726 engine	05/1988	06/1993	VALEO	1-491	185
	Saloon 1.7 with F2N 710 engine	03/1986	12/1993	VALEO	1-491	185
	Saloon 1.7 with F2N 712 engine	03/1986	12/1987	VALEO	1-491	185
	Saloon 1.7 with F3N 722 engine	03/1986	12/1994	VALEO	1-491	185
	Saloon 1.7 with F3N 723 engine	03/1986	12/1994	VALEO	1-491	185
		-	-	PRESTOLITE	471	172
R25	2.7 V6 Injection with Z7V 708, Z7V 709, Z7V 711 engine	04/1984	08/1989	VALEO	593	198
	2.8 V6 Injection with Z7W 702 engine	06/1986	-	VALEO	593	198
	2.8 V6 Injection with Z7W 706, Z7W 707, Z7W 709 engine	06/1987	12/1992	VALEO	593	198
	2.8 V6 with Z7W 700 engine	06/1987	02/1990	VALEO	593	198
R30	2.6 TS with 144 engine	07/1978	01/1984	VALEO	593	198
	2.6 TX with 140 engine	10/1978	12/1983	VALEO	593	198
	2.6 with 112 engine	08/1976	08/1978	VALEO	593	198
R4	0.8 with 800 01 engine	10/1973	03/1978	VALEO	561	196
	1.0 with C1C 708 engine	06/1987	06/1993	VALEO	1-596	199
	1.1 F4 with 688 712 engine	10/1973	03/1978	VALEO	561	196
	1.1 F6 with 688 712 engine	10/1973	03/1978	VALEO	561	196
	1.1 with 688 712 engine	06/1978	06/1990	VALEO	1-596	199
	1.1 with C1E 714 engine	06/1978	06/1990	VALEO	1-596	199
	1.1 with C1E 719 engine	06/1978	06/1990	VALEO	1-596	199
	1.1 with 688 712, C1E 714, C1E 719 engine	06/1978	06/1990	VALEO	592	197

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RENAULT		de /from	until	M.Part./Starter	ZM	Pag.
R4	Box 0.8 with 800 01 engine	09/1966	12/1988	VALEO	1-596	199
	Box 1.1 with 688 711 engine	10/1976	07/1989	VALEO	1-596	199
	Box 1.1 with 688 712 engine	10/1976	07/1989	VALEO	1-596	199
	Box 1.1 with C1E 714 engine	10/1976	07/1989	VALEO	1-596	199
	Box 1.1 with C1E 718 engine	10/1976	07/1989	VALEO	1-596	199
	Box 1.1 with C1E 719 engine	10/1976	07/1989	VALEO	1-596	199
R5	1.0 with 689 710 engine	01/1972	12/1985	VALEO	1-596	199
	1.0 with C1.... engine	10/1984	-	VALEO	596	199
	1.1	10/1979	03/1985	VALEO	595	199
	1.1 with 688 13 engine	10/1979	03/1985	VALEO	596	199
	1.1 with 688 713 engine	09/1980	12/1985	VALEO	1-596	199
	1.1 with 688 713, C1E 726 engine	09/1980	12/1985	VALEO	592	197
	1.1 with C1.... engine	10/1984	-	VALEO	596	199
	1.1 with C1E 726 engine	09/1980	12/1985	VALEO	1-596	199
	1.3 (Autom) with 810 729 engine	06/1979	06/1984	VALEO	592	197
	1.3 Automatik with 810 729 engine	06/1979	09/1984	VALEO	1-596	199
	1.3 with 810 719 engine	09/1975	09/1984	VALEO	1-596	199
		06/1979	06/1984	VALEO	592	197
	1.3 with 810 725 engine	09/1976	09/1979	VALEO	1-596	199
		09/1975	09/1984	VALEO	592	197
	1.3 with 810 726 engine	06/1979	09/1984	VALEO	1-596	199
		09/1976	09/1979	VALEO	592	197
	1.4 Alpine A5 with 840 725 engine	09/1977	09/1981	VALEO	1-596	199
	1.4 Alpine Turbo with 840 726 engine	10/1981	01/1985	VALEO	1-596	199
	1.4 Alpine Turbo with C6J 750 engine	10/1981	01/1985	VALEO	1-596	199
	1.4 Automatik with 847 712 engine	06/1982	09/1984	VALEO	1-596	199
	1.4 Turbo with 840 730 engine	06/1980	01/1985	VALEO	1-596	199
	1.4 with 847 725 engine	01/1982	12/1985	VALEO	1-596	199
	1.4 with C2J 713 engine	06/1982	03/1985	VALEO	596	199
	Box 1.0 with 689 710 engine	01/1972	12/1985	VALEO	1-596	199
	Box 1.1 with 688 713 engine	09/1980	12/1985	VALEO	1-596	199
	Box 1.1 with C1E 726 engine	09/1980	12/1985	VALEO	1-596	199
R6	1.1	07/1971	04/1980	VALEO	1-596	199
R9	1.1 with C1.., C2.. engine	09/1981	03/1991	VALEO	594	198
	1.2 with C1.., C2.. engine	09/1981	03/1991	VALEO	594	198
	1.4 Turbo with C1.., C2.. engine	09/1981	-	VALEO	594	198
	1.4 Turbo with C1J 7 engine	09/1984	03/1991	VALEO	594	198
	1.4 with C1.., C2.. engine	09/1981	03/1991	VALEO	594	198
	1.4i with C1.., C2.. engine	09/1981	03/1991	VALEO	594	198
	1.7 with F2N 7.. engine	09/1981	03/1991	VALEO	594	198
	1.7 with F3N 718 engine	10/1986	12/1988	VALEO	1-491	185
	com motor 1.4	-	-	PRESTOLITE	1-716	178
	com motor C3L 1.6	-	-	PRESTOLITE	1-716	178
	with 1.4 engine	-	-	PRESTOLITE	1-716	178
	with C3L 1.6 engine	-	-	PRESTOLITE	1-716	178
Rapid	1.0	02/1986	05/1992	VALEO	596	199
	1.1 with C1E 750 engine	07/1985	09/1991	VALEO	596	199
	1.1 with C1E 752 engine	07/1985	09/1991	VALEO	596	199
	1.1 with C1E 754 engine	07/1985	09/1991	VALEO	596	199
	1.1 with C1E 756 engine	07/1985	09/1991	VALEO	596	199
	1.1 with C1E 760 engine	07/1985	09/1991	VALEO	596	199
	1.1 with C1E 762 engine	07/1985	09/1991	VALEO	596	199
	1.1 with C1E 792 engine	07/1985	09/1991	VALEO	596	199
	1.6 diesel com motor F8M 720	03/1986	03/1997	BOSCH	1-777	047
	1.6 diesel com motor F8M 730	10/1987	08/1991	BOSCH	1-777	047
	1.6 diesel com motor F8M 736	09/1991	03/1997	BOSCH	1-777	047
	1.6 diesel com motor F8M 760	09/1991	03/1997	BOSCH	1-777	047
	1.6 diesel with F8M 720 engine	03/1986	03/1997	BOSCH	1-777	047
	1.6 diesel with F8M 730 engine	10/1987	08/1991	BOSCH	1-777	047

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RENAULT		de /from	until	M.Part./Starter	ZM	Pag.
Rapid	1.6 diesel with F8M 736 engine	09/1991	03/1997	BOSCH	1-777	047
	1.6 diesel with F8M 760 engine	09/1991	03/1997	BOSCH	1-777	047
	Box 1.4 with E7J 720 engine	09/1991	03/1998	VALEO	1-491	185
	Box 1.4 with E7J 724 engine	09/1991	03/1998	VALEO	1-491	185
	Box 1.4 with E7J 726 engine	09/1991	03/1998	VALEO	1-491	185
	Box 1.4 with E7J 728 engine	01/1994	03/1998	VALEO	1-491	185
	Box 1.4 with E7J 773 engine	09/1991	03/1998	VALEO	1-491	185
Renault 11	1.1 with C1E 715 engine	08/1983	06/1986	BOSCH	777	047
	1.1 with C1E 720 engine	08/1983	06/1986	BOSCH	777	047
	1.2 with C1G 700 engine	10/1984	12/1988	BOSCH	777	047
	1.2 with C1G 710 engine	10/1984	12/1988	BOSCH	777	047
	1.4 Turbo with C1J 760 engine	04/1984	12/1986	BOSCH	777	047
	1.4 Turbo with C1J 764 engine	04/1984	12/1986	BOSCH	777	047
	1.4 Turbo with C1J 770 engine	10/1986	12/1988	BOSCH	777	047
	1.4 Turbo with C1J 782 engine	10/1986	12/1988	BOSCH	777	047
	1.4 with C1J 715 engine	03/1983	12/1988	BOSCH	777	047
	1.4 with C2J 717 engine	05/1983	12/1985	BOSCH	777	047
	1.4 with C2J 718 engine	03/1983	12/1985	BOSCH	777	047
	1.4 with C2J 720 engine	03/1983	12/1988	BOSCH	777	047
	1.4 with C2J 730 engine	03/1983	12/1988	BOSCH	777	047
	1.4 with C2J 755 engine	05/1983	12/1985	BOSCH	777	047
	1.4 with C2J 757 engine	03/1983	12/1985	BOSCH	777	047
	1.4 with C2J 766 engine	03/1983	12/1988	BOSCH	777	047
	1.4 with C2J 767 engine	03/1983	12/1988	BOSCH	777	047
	1.4 with C2J 768 engine	03/1983	12/1988	BOSCH	777	047
	1.7 with F2N 708 engine	10/1986	12/1988	BOSCH	777	047
	1.7 with F2N 710 engine	10/1986	12/1988	BOSCH	777	047
	1.7 with F2N 798 engine	10/1986	12/1988	BOSCH	777	047
	Box 1.1 with C1E 715 engine	03/1983	06/1986	BOSCH	777	047
	Box 1.1 with C1E 720 engine	03/1983	06/1986	BOSCH	777	047
	Box 1.2 with C1G 700 engine	10/1984	12/1988	BOSCH	777	047
	Box 1.2 with C1G 710 engine	10/1984	12/1988	BOSCH	777	047
	Box 1.4 with C1J 715 engine	03/1983	09/1986	BOSCH	777	047
	Box 1.4 with C2J 730 engine	03/1983	09/1986	BOSCH	777	047
	Box 1.4 with C2J 768 engine	03/1983	06/1986	BOSCH	777	047
Renault 18	II 2.1 L DD	01/1984	12/1985	PRESTOLITE	801	179
	II 2.1 L diesel	01/1985	12/1985	PRESTOLITE	801	179
Renault 19	(Argentino) with CL3 1.6 engine	-	-	PRESTOLITE	1-471	172
	II 1.8 with F3P 682 engine	05/1994	12/1995	BOSCH	777	047
	II 1.8 with F3P 765 engine	05/1994	12/1995	BOSCH	777	047
	II Cabriolet 1.8 with F3P 682 engine	07/1994	06/1996	BOSCH	777	047
	II Cabriolet 1.8 with F3P 764 engine	07/1994	06/1996	BOSCH	777	047
	II Cabriolet 1.8 with F3P 765 engine	07/1994	06/1996	BOSCH	777	047
	II Chamade 1.8 with F3P 682 engine	05/1994	12/1995	BOSCH	777	047
	II Chamade 1.8 with F3P 705 engine	04/1992	12/1995	BOSCH	777	047
	II Chamade 1.8 with F3P 706 engine	04/1992	12/1995	BOSCH	777	047
	II Chamade 1.8 with F3P 707 engine	04/1992	12/1995	BOSCH	777	047
	II Chamade 1.8 with F3P 708 engine	04/1992	12/1995	BOSCH	777	047
	II Chamade 1.8 with F3P 760 engine	04/1992	12/1995	BOSCH	777	047
Renault 21	2.1 L B	01/1986	12/1993	PRESTOLITE	801	179
	2.1 L Turbo diesel	01/1986	12/1993	PRESTOLITE	801	179
	Nevada 2.1 L Turbo diesel	01/1986	-	PRESTOLITE	801	179
	Nevada 2.1 L diesel quadra	01/1986	-	PRESTOLITE	801	179
	Savana 2.1 L Turbo diesel	01/1986	-	PRESTOLITE	801	179
	Savana 2.1 L diesel quadra	01/1986	-	PRESTOLITE	801	179
		-	-	PRESTOLITE	471	172
Renault 25	2.1 L Turbo diesel	01/1984	12/1991	PRESTOLITE	801	179
Renault 9	1.1 with C1E 715 engine	09/1981	05/1987	BOSCH	777	047
	1.1 with C1E 720 engine	09/1981	05/1987	BOSCH	777	047

TABELA DE APLICAÇÃO
APPLICATION CHART

RENAULT		de /from	until	M.Part./Starter	ZM	Pag.
Renault 9	1.2 with C1G 700 engine	09/1985	12/1988	BOSCH	777	047
	1.2 with C1G 710 engine	09/1985	12/1988	BOSCH	777	047
	1.4 Automatik with C2J 718 engine	09/1981	12/1985	BOSCH	777	047
	1.4 Automatik with C2J 757 engine	09/1981	12/1985	BOSCH	777	047
	1.4 Turbo with C1J 760 engine	12/1986	12/1989	BOSCH	777	047
	1.4 Turbo with C1J 764 engine	12/1986	12/1989	BOSCH	777	047
	1.4 with C1J 715 engine	12/1981	12/1988	BOSCH	777	047
	1.4 with C1J 792 engine	12/1981	12/1988	BOSCH	777	047
	1.4 with C1J 796 engine	12/1981	12/1988	BOSCH	777	047
	1.4 with C2J 717 engine	09/1981	12/1985	BOSCH	777	047
	1.4 with C2J 720 engine	08/1985	12/1988	BOSCH	777	047
	1.4 with C2J 730 engine	12/1981	12/1988	BOSCH	777	047
	1.4 with C2J 755 engine	09/1981	12/1985	BOSCH	777	047
	1.4 with C2J 766 engine	08/1985	12/1988	BOSCH	777	047
	1.4 with C2J 767 engine	08/1985	12/1988	BOSCH	777	047
	1.4 with C2J 768 engine	08/1985	12/1988	BOSCH	777	047
	1.7 with F2N 700 engine	09/1984	12/1988	BOSCH	777	047
	1.7 with F2N 704 engine	09/1984	12/1988	BOSCH	777	047
	1.7 with F2N 708 engine	10/1986	12/1988	BOSCH	777	047
	1.7 with F2N 710 engine	10/1986	12/1988	BOSCH	777	047
	1.7 with F2N 730 engine	10/1986	12/1988	BOSCH	777	047
	1.7 with F2N 798 engine	10/1986	12/1988	BOSCH	777	047
Rodeo	5 1.1	11/1981	12/1987	VALEO	1-596	199
Safrane	2.1 L Turbo diesel	01/1992	-	PRESTOLITE	801	179
Sandero	1.0L 8V com motor D4D	-	-	VALEO	2-498	195
	1.6L 16V	11/2007	-	BOSCH	6-271	000
	1.6L 16V Stepway	01/2009	-	BOSCH	6-271	000
	1.6L 8V	11/2007	-	BOSCH	6-271	000
		02/2009	-	MITSUBISHI	1-993	166
		-	-	VALEO	6-492	188
		-	-	VALEO	7-492	188
Scénic	1.4 K4M	09/1999	08/2003	VALEO	7-495	192
	1.6 16V com motor K4M	03/2001	-	VALEO	2-495	191
	1.6 com motor K7M	06/1999	-	VALEO	2-491	185
	1.6L	03/2001	08/2003	VALEO	7-495	192
	1.8i	09/2000	04/2003	BOSCH	379	003
	2.0 L	09/1999	-	BOSCH	1-379	003
	2.0 com motor F3R	01/1999	-	VALEO	1-491	185
	2.0i	03/1999	-	BOSCH	379	003
	2.0i RX4	06/1999	04/2003	BOSCH	379	003
	com motor F9QT Diesel	-	-	BOSCH	1-777	047
	with F9QT Diesel engine	-	-	BOSCH	1-777	047
		-	-	HITACHI	1-710	119
		-	-	VALEO	6-492	188
		-	-	VALEO	7-492	188
Super	5 1.7 with F2N 740 engine	06/1987	03/1995	VALEO	1-491	185
	5 1.7 with F2N 742 engine	06/1987	03/1995	VALEO	1-491	185
	5 1.7 with F3N 716 engine	10/1986	03/1995	VALEO	1-491	185
	5 1.7 with F3N 717 engine	10/1986	03/1995	VALEO	1-491	185
	5 1.7i with F3N 702 engine	10/1986	08/1991	VALEO	1-491	185
	5 1.7i with F3N 722 engine	10/1986	08/1991	VALEO	1-491	185
Symbol	1.6L 16V	03/2009	-	BOSCH	6-271	000
	1.6L 8V	04/2009	-	BOSCH	6-271	000
		-	-	VALEO	2-498	195
Thalia	1.4L	-	-	VALEO	2-491	185
		08/2000	-	VALEO	7-495	192
	1.6 16V	04/2002	-	VALEO	7-495	192
		-	-	VALEO	2-498	195
Trafic	(Phase III) P1400D	01/1994	-	PRESTOLITE	801	179

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APPLICATION CHART

RENAULT		de /from	until	M.Part./Starter	ZM	Pag.
Trafic	(Phase III) T1100D 2.1 L	01/1994	-	PRESTOLITE	801	179
	(Phase III) T1400D 2.1 L	01/1994	-	PRESTOLITE	801	179
	(Phase III) T900D 2.1 L	01/1994	-	PRESTOLITE	801	179
	1.4 with 847 700/ 847 701/ C1J 700 engine	03/1980	04/1989	VALEO	592	197
	1.4L	09/1980	-	VALEO	594	198
	1.6L	06/1987	02/1989	VALEO	594	198
	2.0L	-	-	PRESTOLITE	471	172
		03/2001	-	BOSCH	1-379	003
	2.2 L	-	-	PRESTOLITE	471	172
	2.2 com motor J6R	04/1988	-	BOSCH	671	034
	Box 1.4 with 847 700 engine	03/1980	04/1989	VALEO	1-596	199
	Box 1.4 with 847 701 engine	03/1980	04/1989	VALEO	1-596	199
	Box 1.4 with C1J 700 engine	03/1980	06/1991	VALEO	1-596	199
	Box 1.7 with F1N 724 engine	06/1986	04/1989	VALEO	1-491	185
	Bus 1.4 with 847 700 engine	03/1980	04/1989	VALEO	1-596	199
	Bus 1.4 with 847 701 engine	03/1980	04/1989	VALEO	1-596	199
	Bus 1.4 with C1J 700 engine	03/1980	04/1989	VALEO	1-596	199
	Bus 1.7 with F1N 724 engine	06/1986	04/1989	VALEO	1-491	185
	Diesel	-	-	VALEO	597	199
	Flatbed / Chassis 1.7 with F1N 722	05/1989	08/1994	VALEO	1-491	185
	II T1100 4x4 2.1 L	01/1989	12/1993	PRESTOLITE	801	179
	II Box 2.5 dCi 135	05/2003	-	VALEO	2-496	193
	II Box 2.5 dCi 145	05/2006	-	VALEO	2-496	193
	II Bus 2.5 dCi 135	05/2003	-	VALEO	2-496	193
	II Bus 2.5 dCi 145	05/2006	-	VALEO	2-496	193
	II Flatbed/Chassis 2.5 dCi 135	03/2001	-	VALEO	2-496	193
	II Flatbed/Chassis 2.5 dCi 145	08/2006	-	VALEO	2-496	193
	II P1000D	01/1989	12/1991	PRESTOLITE	801	179
	II P1400D	01/1989	12/1993	PRESTOLITE	801	179
	II T1400D 2.1 L	01/1989	12/1993	PRESTOLITE	801	179
	II T900D 2.1 L	01/1989	12/1993	PRESTOLITE	801	179
	P1000D 2.1 L	01/1981	12/1982	PRESTOLITE	801	179
	P1200D 2.1 L	01/1983	12/1984	PRESTOLITE	801	179
	P1400D 2.1 L	01/1986	12/1988	PRESTOLITE	801	179
	T 312	-	-	PRESTOLITE	801	179
	T 312 com motor diesel	-	-	PRESTOLITE	801	179
	T 352	-	-	PRESTOLITE	801	179
	T 352 com motor diesel	-	-	PRESTOLITE	801	179
	T1000D 2.1 L	01/1982	12/1988	PRESTOLITE	801	179
	T1000D 4x4 2.1 L	01/1985	12/1988	PRESTOLITE	801	179
	T1200D 2.1 L	01/1981	12/1988	PRESTOLITE	801	179
	T1200D 4x4 2.1 L	01/1985	12/1988	PRESTOLITE	801	179
	T1300D 2.1 L	01/1986	12/1988	PRESTOLITE	801	179
	TA 12	-	-	PRESTOLITE	801	179
	TA 12 com motor diesel	-	-	PRESTOLITE	801	179
	TA 52	-	-	PRESTOLITE	801	179
	TA 52 com motor diesel	-	-	PRESTOLITE	801	179
Twingo	1.0 com motor D7D	10/1999	-	VALEO	4-495	192
	1.1L	05/1996	-	BOSCH	373	001
	1.2 16V with D4F 704 engine	01/2001	-	VALEO	4-495	192
	1.2 com motor C3G	01/1994	-	VALEO	4-495	192
	1.2 with C3G 700 engine	03/1993	10/1996	BOSCH	777	047
		03/1993	10/1996	VALEO	1-594	198
	1.2 with C3G 702 engine	03/1993	10/1996	BOSCH	777	047
		03/1993	10/1996	VALEO	1-594	198
	1.2 with D7F 700 engine	05/1996	-	VALEO	4-495	192
	1.2 with D7F 701 engine	05/1996	-	VALEO	4-495	192
	1.2 with D7F 702 engine	05/1996	-	VALEO	4-495	192
	1.2 with D7F 703 engine	05/1996	-	VALEO	4-495	192

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RENAULT		de /from	until	M.Part./Starter	ZM	Pag.
Twingo	1.2 with D7F 704 engine	05/1996	-	VALEO	4-495	192
	1.2L 16V	08/2004	-	VALEO	4-495	192
	1.2L 16V with D4F 702 engine	01/2001	-	VALEO	4-495	192
	1.2i com motor D7F 700	09/1996	-	BOSCH	373	001
	1.3L	05/1996	-	BOSCH	373	001
	Box 1.2 with C3G 700 engine	03/1993	05/1996	BOSCH	777	047
		03/1993	05/1996	VALEO	1-594	198
	Box 1.2 with C3G 702 engine	03/1993	05/1996	BOSCH	777	047
		03/1993	05/1996	VALEO	1-594	198
	Box 1.2 with D7F 700 engine	05/1996	-	VALEO	4-495	192
	Box 1.2 with D7F 701 engine	05/1996	-	VALEO	4-495	192
	Box 1.2 with D7F 702 engine	05/1996	-	VALEO	4-495	192
	Box 1.2 with D7F 703 engine	05/1996	-	VALEO	4-495	192
	Box 1.2 with D7F 704 engine	05/1996	-	VALEO	4-495	192
	Box 1.2 with D7F 706 engine	05/1996	-	VALEO	4-495	192
		-	-	VALEO	2-498	195
Vel Satis	2.2 dCi	06/2002	-	VALEO	2-496	193
RENAULT TRUCKS		de /from	until	M.Part./Starter	ZM	Pag.
Kerax		-	-	DELCO REMY	1-408	072
		01/1997	12/1999	MITSUBISHI	2-897	161
		01/1997	12/2006	MITSUBISHI	3-897	162
		01/1997	12/1999	DELCO REMY	428	076
Premium		-	-	DELCO REMY	1-408	072
		-	-	MITSUBISHI	2-897	161
		-	-	DELCO REMY	428	076
Trucks		-	-	MITSUBISHI	3-897	162
		-	-	MITSUBISHI	4-897	162
VI		-	-	DELCO REMY	1-408	072
		-	-	MITSUBISHI	2-897	161
		-	-	DELCO REMY	428	076
RUCKER		de /from	until	M.Part./Starter	ZM	Pag.
Rebocador	With MWM 4.10	03/2012	-	DELCO REMY	3-818	091
	With MWM 6.10T	03/2012	-	DELCO REMY	3-818	091
RUGGERINI		de /from	until	M.Part./Starter	ZM	Pag.
RD 180		07/1986	-	MARELLI	651	141
RD 181		07/1986	-	MARELLI	651	141
RD 188		07/1986	-	MARELLI	651	141
RD 200		07/1986	-	MARELLI	651	141
RD 201		07/1986	-	MARELLI	651	141
RD 210		07/1986	-	MARELLI	651	141
RD 211		07/1986	-	MARELLI	651	141
RD 218		07/1986	-	MARELLI	651	141
RDM 901		07/1986	-	MARELLI	651	141
RF 100		07/1986	-	MARELLI	651	141
RF 120		07/1986	-	MARELLI	651	141
RF 130		07/1986	-	MARELLI	651	141
RF 140		07/1986	-	MARELLI	651	141
RF 80		07/1986	-	MARELLI	651	141
RF 81		07/1986	-	MARELLI	651	141
RM 80		07/1986	-	MARELLI	651	141
RW 120		07/1986	-	MARELLI	651	141
SAAB		de /from	until	M.Part./Starter	ZM	Pag.
2 H		01/1966	06/1983	BOSCH	2-629	026
2 HG		01/1966	06/1983	BOSCH	2-629	026
9-3	2.0L	01/2010	-	DELCO REMY	1-866	097
		01/2010	-	DELCO REMY	1-866	097
		-	-	MITSUBISHI	3-993	166
9-3X	2.0L	01/2010	-	DELCO REMY	1-866	097

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SAAB		de /from	until	M.Part./Starter	ZM	Pag.
9-7X		01/2008	-	DELCO REMY	1-866	097
9000	3.0-24 V6 CD/CDE with B308I engine	07/1994	12/1998	BOSCH	2-473	008
	Hatchback 3.0-24 V6 CS/CSE with B308I engine	07/1994	12/1998	BOSCH	2-473	008
H-HG series		06/1976	06/1983	BOSCH	2-629	026
SAME		de /from	until	M.Part./Starter	ZM	Pag.
Saturno	1.9 L	01/1991	12/2001	VALEO	590	196
Tractor		-	-	BOSCH	733	040
SAMSUNG		de /from	until	M.Part./Starter	ZM	Pag.
Excavator SE170	with 5.9 liters Cummins engine	01/1992	12/1998	DELCO REMY	460	082
Excavator SE210	with 5.9 liters Cummins engine	01/1992	12/1998	DELCO REMY	460	082
Excavator SE350	with L-10 Cummins engine	01/1992	12/1993	DELCO REMY	462	083
Excavator SE50-3	with Yanmar 4TNE94 engine	-	-	HITACHI	5-981	126
	with Yanmar 4TNV98 engine	-	-	HITACHI	5-981	126
	with Yanmar 4TNV98T engine	-	-	HITACHI	5-981	126
SCANIA		de /from	until	M.Part./Starter	ZM	Pag.
114C/340		05/1996	-	BOSCH	1-833	050
114C/380		03/1998	-	BOSCH	1-833	050
114G/340		05/1996	-	BOSCH	1-833	050
114G/380		03/1998	-	BOSCH	1-833	050
114L/340		05/1996	-	BOSCH	1-833	050
114L/380		03/1998	-	BOSCH	1-833	050
124C/360		09/1996	-	BOSCH	1-833	050
124C/400		09/1996	-	BOSCH	1-833	050
124C/420		-	-	BOSCH	1-833	050
124C/470		-	-	BOSCH	1-833	050
124G/360		05/1996	-	BOSCH	1-833	050
124G/400		05/1996	-	BOSCH	1-833	050
124G/420		-	-	BOSCH	1-833	050
124G/470		-	-	BOSCH	1-833	050
124L/360		09/1996	-	BOSCH	1-833	050
124L/400		09/1996	-	BOSCH	1-833	050
124L/420		09/1997	-	BOSCH	1-833	050
124L/440		01/2001	-	BOSCH	1-833	050
124L/470		01/2001	-	BOSCH	1-833	050
82 series		05/1980	03/1988	BOSCH	641	032
B80		01/1968	-	BOSCH	545	018
		01/1968	04/1976	BOSCH	641	032
B86	S	01/1968	-	BOSCH	545	018
		01/1968	-	BOSCH	545	018
BF80		01/1968	-	BOSCH	545	018
BF86	S	01/1968	-	BOSCH	545	018
		01/1968	-	BOSCH	545	018
		05/1975	-	BOSCH	641	032
BR116 S	com motor DS 11	02/1982	-	BOSCH	903	055
		02/1982	-	BOSCH	904	056
BR85	Super	08/1971	-	BOSCH	545	018
		08/1971	-	BOSCH	641	032
		08/1971	-	BOSCH	545	018
		01/1976	-	BOSCH	641	032
BR86S		05/1975	-	BOSCH	641	032
C80		01/1968	04/1976	BOSCH	641	032
CR85	Super	08/1971	04/1975	BOSCH	545	018
		08/1971	-	BOSCH	641	032
		08/1971	04/1975	BOSCH	545	018
		01/1968	-	BOSCH	641	032
F113 HL	com motor DN 11.08	10/1992	-	BOSCH	903	055
		10/1992	-	BOSCH	904	056

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SCANIA		de /from	until	M.Part./Starter	ZM	Pag.
F113 HL	com motor DS 11.75	10/1992	-	BOSCH	903	055
		10/1992	-	BOSCH	904	056
F82 CL		10/1981	-	BOSCH	545	018
G82		05/1982	-	BOSCH	545	018
		05/1980	03/1988	BOSCH	641	032
G92		05/1982	-	BOSCH	545	018
		05/1980	03/1988	BOSCH	641	032
G93		05/1982	-	BOSCH	545	018
		03/1988	-	BOSCH	641	032
G93.250		05/1982	-	BOSCH	545	018
K113 CL	com motor DN 11.08	10/1992	-	BOSCH	903	055
		10/1992	-	BOSCH	904	056
	com motor DS 11.75	10/1992	-	BOSCH	903	055
		10/1992	-	BOSCH	904	056
	com motor DSC 11.21	10/1992	-	BOSCH	903	055
		10/1992	-	BOSCH	904	056
	com motor DSC 11.23	10/1992	-	BOSCH	903	055
		10/1992	-	BOSCH	904	056
	com motor DSC 11.32	10/1992	-	BOSCH	903	055
		10/1992	-	BOSCH	904	056
K113 TL	com motor DS 11.75	10/1992	-	BOSCH	903	055
		10/1992	-	BOSCH	904	056
	com motor DSC 11.21	10/1992	-	BOSCH	903	055
		10/1992	-	BOSCH	904	056
	com motor DSC 11.23	10/1992	-	BOSCH	903	055
		10/1992	-	BOSCH	904	056
	com motor DSC 11.32	10/1992	-	BOSCH	903	055
		10/1992	-	BOSCH	904	056
	com motor DSC 11.33	10/1992	-	BOSCH	903	055
		10/1992	-	BOSCH	904	056
K124	com motor DSC 12.02	08/1998	-	BOSCH	833	050
	com motor DSC 12.05	08/1998	-	BOSCH	833	050
K82		06/1985	-	BOSCH	641	032
K92		06/1985	-	BOSCH	641	032
K93		11/1987	-	BOSCH	641	032
L113 CL	com motor DN 11.08	10/1992	-	BOSCH	903	055
		10/1992	-	BOSCH	904	056
	com motor DS 11.76	10/1992	-	BOSCH	903	055
		10/1992	-	BOSCH	904	056
L50	Super	02/1968	12/1976	BOSCH	641	032
		02/1968	12/1976	BOSCH	641	032
L94		03/1997	-	BOSCH	641	032
LB80	Super	02/1968	04/1975	BOSCH	641	032
		02/1968	04/1975	BOSCH	641	032
LB81		05/1975	12/1980	BOSCH	641	032
LBS86		05/1975	12/1980	BOSCH	641	032
LS85	Super	05/1969	04/1975	BOSCH	641	032
		05/1969	04/1975	BOSCH	641	032
LS86		05/1975	12/1980	BOSCH	641	032
N94		09/1997	-	BOSCH	641	032
P 230		-	-	BOSCH	291	000
P 270		-	-	BOSCH	291	000
P 310		-	-	BOSCH	291	000
P 340		-	-	BOSCH	291	000
P 380		-	-	BOSCH	291	000
P 420		-	-	BOSCH	291	000
P113/400	com motor DTC 11.01	03/1992	05/1997	BOSCH	903	055
		03/1992	05/1997	BOSCH	904	056

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SCANIA		de /from	until	M.Part./Starter	ZM	Pag.
P114/260		02/2001	09/2004	BOSCH	1-833	050
P114/320		05/1996	05/1999	BOSCH	1-833	050
P114/340		02/1996	09/2004	BOSCH	1-833	050
P114/360		03/1998	-	BOSCH	1-833	050
P114/380		02/1996	09/2004	BOSCH	1-833	050
P124	com motor DSC 12.01	03/2001	-	BOSCH	833	050
	com motor DSC 12.02	03/1998	-	BOSCH	833	050
P124/360	com motor DC 12.02	09/1995	-	BOSCH	545	018
		09/1995	-	BOSCH	833	050
	com motor DSC 12.02	09/1995	-	BOSCH	545	018
		09/1995	-	BOSCH	833	050
		03/1998	-	BOSCH	1-833	050
P124/400	com motor DSC 12.01	09/1995	-	BOSCH	545	018
		09/1995	-	BOSCH	833	050
		09/1995	-	BOSCH	1-833	050
P124/420	HPi com motor DC 12.03	09/2002	-	BOSCH	545	018
		09/2002	-	BOSCH	833	050
	com motor DC 12.01	09/1995	08/2002	BOSCH	545	018
		09/1995	08/2002	BOSCH	833	050
	com motor DSC 12.05	09/1995	-	BOSCH	545	018
		09/1995	-	BOSCH	833	050
		09/1995	-	BOSCH	1-833	050
P124/440		09/2000	09/2004	BOSCH	1-833	050
P124/470		09/2000	09/2004	BOSCH	1-833	050
P82		05/1980	03/1988	BOSCH	641	032
P92		01/1985	03/1988	BOSCH	641	032
P93		12/1991	-	BOSCH	641	032
P93 H	com motor DSC 9.07	06/1996	-	BOSCH	545	018
P94	com motor DSC 9.12	04/1998	-	BOSCH	545	018
		08/1996	-	BOSCH	641	032
R113/400	com motor DTC 11.01	03/1992	05/1997	BOSCH	903	055
		03/1992	05/1997	BOSCH	904	056
R114/320		05/1996	-	BOSCH	1-833	050
R114/340		02/1996	09/2004	BOSCH	1-833	050
R114/360		05/1996	-	BOSCH	1-833	050
R114/380		02/1996	09/2004	BOSCH	1-833	050
R124	com motor DSC 12.01	03/2001	-	BOSCH	833	050
	com motor DSC 12.02	03/1998	-	BOSCH	833	050
	com motor DSC 12.05	08/1998	-	BOSCH	833	050
R124/360	com motor DC 12.02	09/1995	-	BOSCH	545	018
		09/1995	-	BOSCH	833	050
	com motor DSC 12.02	09/1995	-	BOSCH	545	018
		09/1995	-	BOSCH	833	050
		09/1995	-	BOSCH	1-833	050
R124/400	com motor DSC 12.01	09/1995	12/2002	BOSCH	545	018
		09/1995	-	BOSCH	833	050
		09/1995	-	BOSCH	1-833	050
R124/420	HPi com motor DC 12.03	09/2002	-	BOSCH	545	018
		09/2002	-	BOSCH	833	050
	com motor DC 12.01	09/1995	-	BOSCH	545	018
		09/1995	08/2002	BOSCH	833	050
	com motor DSC 12.05	09/1995	-	BOSCH	545	018
		09/1955	-	BOSCH	833	050
		09/1995	-	BOSCH	1-833	050
R124/440		09/2000	09/2004	BOSCH	1-833	050
R124/470		09/2000	09/2004	BOSCH	1-833	050
R144/460	com motor DSC 14.15	09/1996	08/2001	BOSCH	833	050
R144/530	com motor DSC 14.13	01/1996	08/2001	BOSCH	833	050

TABELA DE APLICAÇÃO
APPLICATION CHART

SCANIA		de /from	until	M.Part./Starter	ZM	Pag.
R164/480	com motor DC 16.02	04/2000	-	BOSCH	545	018
		04/2000	-	BOSCH	833	050
R164/580	com motor DC 16.01	04/2000	-	BOSCH	545	018
		04/2000	-	BOSCH	833	050
R340		-	-	BOSCH	291	000
R380		-	-	BOSCH	291	000
R400		-	-	BOSCH	291	000
R420		-	-	BOSCH	291	000
R470		-	-	BOSCH	291	000
R94		-	-	BOSCH	641	032
		03/1988	-	BOSCH	641	032
S113 AL	com motor DS 11.75	10/1992	-	BOSCH	903	055
		10/1992	-	BOSCH	904	056
S113 CL	com motor DN 11.08	10/1992	-	BOSCH	903	055
		10/1992	-	BOSCH	904	056
	com motor DS 11.75	10/1992	-	BOSCH	903	055
		10/1992	-	BOSCH	904	056
S82		10/1981	12/1983	BOSCH	641	032
Série DC		09/1995	-	BOSCH	1-833	050
Série DI		10/1985	12/2004	BOSCH	1-833	050
Série DN	com motor DN 11.45 A 37 Q	06/1991	-	BOSCH	903	055
		06/1991	-	BOSCH	904	056
	com motor DN 11.45 A 37 S	06/1991	-	BOSCH	903	055
		06/1991	-	BOSCH	904	056
	com motor DN 11.45 A 42 S	06/1991	-	BOSCH	903	055
		06/1991	-	BOSCH	904	056
	com motor DN 11.45 M 33 S	06/1991	-	BOSCH	903	055
		06/1991	-	BOSCH	904	056
	com motor DN 11.47 A 37 S	06/1991	-	BOSCH	903	055
		06/1991	-	BOSCH	904	056
	com motor DN 11.47 A 42 S	06/1991	-	BOSCH	903	055
		06/1991	-	BOSCH	904	056
	com motor DN 11.47 M 33 S	06/1991	-	BOSCH	903	055
		06/1991	-	BOSCH	904	056
Série DS	com motor DS 11.66 A 43 S	11/1993	-	BOSCH	903	055
		11/1993	-	BOSCH	904	056
	com motor DS 11.67 M 41 U	01/1994	-	BOSCH	903	055
		01/1994	-	BOSCH	904	056
	com motor DS 11.67 M 41 V	06/1994	-	BOSCH	903	055
		06/1994	-	BOSCH	904	056
	com motor DS 11.68 A 43 T	01/1994	-	BOSCH	903	055
		01/1994	-	BOSCH	904	056
	com motor DS 11.69 M 40 T	01/1994	-	BOSCH	903	055
		01/1994	-	BOSCH	904	056
	com motor DS 11.69 M 41 T	01/1994	-	BOSCH	903	055
		01/1994	-	BOSCH	904	056
	com motor DS 11.92 A 45 Q	06/1994	-	BOSCH	903	055
		06/1994	-	BOSCH	904	056
	com motor DS 14.52 A	01/1997	-	BOSCH	833	050
		01/1990	-	BOSCH	1-833	050
Série DSC	com motor DSC 11.50 A 43 S	11/1993	-	BOSCH	903	055
		11/1993	-	BOSCH	904	056
	com motor DSC 14.45 A 35 S	06/1991	-	BOSCH	903	055
		06/1991	-	BOSCH	904	056
	com motor DSC 14.51 A 39 T	03/1994	-	BOSCH	903	055
		03/1994	-	BOSCH	904	056
	com motor DSC 14.57 A	01/1997	-	BOSCH	833	050
	com motor DSC 14.61 A	01/1997	-	BOSCH	833	050
	com motor DSC 14.62 A	01/1997	-	BOSCH	833	050

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APPLICATION CHART

SCANIA		de /from	until	M.Part./Starter	ZM	Pag.
Série DSC	com motor DSC 14.63 A	01/1997	-	BOSCH	833	050
		01/1990	-	BOSCH	1-833	050
Série DSI	com motor DSI 11.60 M 40 U	01/1994	-	BOSCH	903	055
		01/1994	-	BOSCH	904	056
	com motor DSI 11.60 M 41 U	01/1994	-	BOSCH	903	055
		01/1994	-	BOSCH	904	056
	com motor DSI 11.60 M 41 V	06/1994	-	BOSCH	903	055
		06/1994	-	BOSCH	904	056
	com motor DSI 11.65 M 42 V	10/1993	-	BOSCH	903	055
		10/1993	-	BOSCH	904	056
	com motor DSI 14.51 M 31 V	07/1994	-	BOSCH	903	055
		07/1994	-	BOSCH	904	056
	com motor DSI 14.72 A	01/1997	-	BOSCH	833	050
	com motor DSI 14.77 A	01/1997	-	BOSCH	833	050
	com motor DSI 14.79 A	01/1997	-	BOSCH	833	050
		01/1990	-	BOSCH	1-833	050
Série DT		09/2000	09/2004	BOSCH	1-833	050
Série P	P 230	09/2004	-	BOSCH	3-639	030
	P 270	09/2004	-	BOSCH	3-639	030
	P 310	09/2004	-	BOSCH	3-639	030
	P 340	09/2004	-	BOSCH	3-639	030
	P 380	09/2004	-	BOSCH	3-639	030
	P 420	09/2004	-	BOSCH	3-639	030
	P 470	09/2004	-	BOSCH	3-639	030
	P 480	09/2004	-	BOSCH	3-639	030
		-	-	MITSUBISHI	6-897	162
		-	-	BOSCH	291	000
		-	-	DELCO REMY	4-428	077
Série R	R 230	09/2004	-	BOSCH	3-639	030
	R 270	09/2004	-	BOSCH	3-639	030
	R 310	09/2004	-	BOSCH	3-639	030
	R 340	09/2004	-	BOSCH	3-639	030
	R 380	09/2004	-	BOSCH	3-639	030
	R 420	09/2004	-	BOSCH	3-639	030
	R 470	09/2004	-	BOSCH	3-639	030
	R 480	09/2004	-	BOSCH	3-639	030
		-	-	MITSUBISHI	6-897	162
		-	-	BOSCH	291	000
		-	-	DELCO REMY	4-428	077
Série T	T 340	09/2004	10/2005	BOSCH	3-639	030
	T 380	09/2004	10/2005	BOSCH	3-639	030
	T 420	09/2004	10/2005	BOSCH	3-639	030
	T 470	09/2004	10/2005	BOSCH	3-639	030
		-	-	MITSUBISHI	6-897	162
		-	-	BOSCH	291	000
		-	-	DELCO REMY	4-428	077
T112	com motor DS 11	01/1981	-	BOSCH	903	055
		01/1981	-	BOSCH	904	056
T114/320		04/1997	-	BOSCH	1-833	050
T114/340		02/1996	09/2004	BOSCH	1-833	050
T114/360		04/1997	05/1999	BOSCH	1-833	050
T114/380		-	-	BOSCH	1-833	050
T114C/310		03/1998	-	BOSCH	1-833	050
T114C/340		03/1998	-	BOSCH	1-833	050
T114C/380		03/1998	-	BOSCH	1-833	050
T114G/340		05/1996	-	BOSCH	1-833	050
T114G/380		03/1998	-	BOSCH	1-833	050
T114L/340		03/1998	-	BOSCH	1-833	050
T114L/380						

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SCANIA		de /from	until	M.Part./Starter	ZM	Pag.
T114L/380		03/1998	-	BOSCH	1-833	050
T124	com motor DSC 12.01	03/2001	-	BOSCH	833	050
	com motor DSC 12.02	03/1998	-	BOSCH	833	050
	com motor DSC 12.03	08/1998	-	BOSCH	833	050
	com motor DSC 12.05	08/1998	-	BOSCH	833	050
T124/360	com motor DSC 12.02	09/1995	-	BOSCH	545	018
		09/1955	-	BOSCH	833	050
		09/1995	-	BOSCH	1-833	050
T124/400	com motor DC 12.02	09/1995	-	BOSCH	545	018
		09/1995	-	BOSCH	833	050
	com motor DSC 12.01	03/1995	-	BOSCH	545	018
		03/1995	-	BOSCH	833	050
		03/1995	-	BOSCH	1-833	050
T124/420	HPi com motor DC 12.03	09/2002	-	BOSCH	545	018
		09/2002	-	BOSCH	833	050
	com motor DC 12.01	09/1995	08/2002	BOSCH	545	018
		09/1995	08/2002	BOSCH	833	050
	com motor DC 12.02	09/1995	-	BOSCH	545	018
		09/1995	-	BOSCH	833	050
	com motor DSC 12.03	06/1996	-	BOSCH	545	018
		06/1996	-	BOSCH	833	050
	com motor DSC 12.05	09/1995	-	BOSCH	545	018
		09/1995	-	BOSCH	833	050
		09/1995	-	BOSCH	1-833	050
T124/440		09/2000	09/2004	BOSCH	1-833	050
T124/470		09/2000	09/2004	BOSCH	1-833	050
T124C/360		09/1995	-	BOSCH	1-833	050
T124C/400		05/1996	-	BOSCH	1-833	050
T124C/420		05/1996	-	BOSCH	1-833	050
T124G/360		03/1997	-	BOSCH	1-833	050
T124G/400		03/1997	-	BOSCH	1-833	050
T124G/420		05/1996	-	BOSCH	1-833	050
T124L/360		05/1995	-	BOSCH	1-833	050
T124L/400		05/1996	-	BOSCH	1-833	050
T124L/420		05/1996	-	BOSCH	1-833	050
T124L/470		01/2001	-	BOSCH	1-833	050
T142/385	com motor DS 14.01	05/1980	03/1988	BOSCH	903	055
		05/1980	03/1988	BOSCH	904	056
T142/388	com motor DS 14.06	05/1980	03/1988	BOSCH	903	055
		05/1980	03/1988	BOSCH	904	056
T142/398	com motor DS 14.07	06/1985	03/1988	BOSCH	903	055
		06/1985	03/1988	BOSCH	904	056
T142/410	com motor DSC 14.02	06/1985	03/1988	BOSCH	903	055
		06/1985	03/1988	BOSCH	904	056
T142/420	com motor DSC 14.01	06/1985	03/1988	BOSCH	903	055
		06/1985	03/1988	BOSCH	904	056
T142/430	com motor DSC 14.05	06/1985	03/1988	BOSCH	903	055
		06/1985	03/1988	BOSCH	904	056
T144/460	com motor DSC 14.15	02/1997	08/2001	BOSCH	833	050
T144/530	com motor DSC 14.13	02/1997	08/2001	BOSCH	833	050
T470		-	-	BOSCH	291	000
T92		01/1985	03/1988	BOSCH	641	032
SEAT		de /from	until	M.Part./Starter	ZM	Pag.
133	All Models with DG, DH, DB engine	05/1974	11/1979	MARELLI	652	142
Alhambra	1.8 Turbo com motor AJH	05/1998	02/2002	BOSCH	972	057
	1.9 TDI com motor AFN	12/1997	02/2000	BOSCH	972	057
	1.9 TDI com motor AHU	12/1997	02/2000	BOSCH	972	057
	2.0 com motor ADY	03/1996	02/2002	BOSCH	972	057

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SEAT		de /from	until	M.Part./Starter	ZM	Pag.
Alhambra	2.0 com motor ATM	06/2000	-	BOSCH	972	057
		-	-	BOSCH	7-381	005
Altea	XL 2.0 TFSi	-	-	BOSCH	381	003
		-	-	VALEO	1-498	195
		01/2004	-	BOSCH	381	003
		-	-	BOSCH	8-381	005
Arosa	with 1.0L engine	05/1997	06/2004	MARELLI	1-396	136
	with 1.4L engine	05/1997	06/2004	MARELLI	1-396	136
City Golf	1.6 com motor 1F	05/1994	-	BOSCH	972	057
Cordoba	1.0	09/1996	10/2002	MARELLI	1-396	136
	1.0 com motor AER	09/1996	06/1999	BOSCH	972	057
	1.4	06/1994	12/2002	MARELLI	1-396	136
	1.4 16V com motor AFH	07/1996	12/2002	BOSCH	972	057
	1.4 com motor ABD	09/1993	12/1995	BOSCH	972	057
	1.4 com motor AEX	12/1995	12/1997	BOSCH	972	057
	1.4 com motor AKV	12/1997	06/1999	BOSCH	972	057
	1.4 com motor ANX	01/1998	05/1998	BOSCH	972	057
	1.4 com motor APQ	12/1997	05/1998	BOSCH	972	057
	1.6	02/1993	12/2002	MARELLI	1-396	136
		04/2003	-	VALEO	1-498	195
	1.6 com motor 1F	05/1994	11/1995	BOSCH	972	057
	1.6 com motor ABU	09/1993	07/1994	BOSCH	972	057
	1.6 com motor AEE	03/1997	12/1998	BOSCH	972	057
	1.6 com motor AKL	10/1999	-	BOSCH	972	057
	1.8 16V com motor ADL	09/1993	11/1995	BOSCH	972	057
	1.8 com motor ABS	09/1993	07/1994	BOSCH	972	057
	1.8 com motor ACC	03/1995	12/1995	BOSCH	972	057
	1.8 com motor ADZ	07/1994	11/1995	BOSCH	972	057
	1.8 com motor ALM	09/1997	12/2002	BOSCH	972	057
	1.9 TDI com motor AFN	03/1997	12/2002	BOSCH	972	057
	1.9 TDI com motor AHU	07/1996	12/1997	BOSCH	972	057
	2.0 com motor 2E	09/1993	11/1995	BOSCH	972	057
	Combi 1.6	06/1999	-	BOSCH	4-773	045
	Hatchback 1.6	06/1999	10/2002	BOSCH	4-773	045
		01/2006	-	BOSCH	381	003
		-	-	BOSCH	8-381	005
Ibiza	1.0	09/1996	02/2002	MARELLI	1-396	136
	1.0 16V com motor AST	10/1999	-	BOSCH	972	057
	1.0 16V com motor AVZ	05/2000	-	BOSCH	972	057
	1.0 com motor ALD	05/1999	-	BOSCH	972	057
	1.0 com motor ANV	05/1999	07/2000	BOSCH	972	057
	1.0 com motor AUC	07/2000	-	BOSCH	972	057
	1.4	09/1993	02/2002	MARELLI	1-396	136
	1.4 16V com motor APE	05/1999	06/2000	BOSCH	972	057
	1.4 16V com motor AUA	06/2000	-	BOSCH	972	057
	1.4 16V com motor AUB	07/2000	-	BOSCH	972	057
	1.4 com motor ABD	09/1993	12/1995	BOSCH	972	057
	1.4 com motor AKK	05/1999	-	BOSCH	972	057
	1.4 com motor ANW	05/1999	08/2000	BOSCH	972	057
	1.4 com motor AUD	06/2000	-	BOSCH	972	057
	1.6	03/1993	02/2002	MARELLI	1-396	136
	1.6 com motor AEH	05/1999	-	BOSCH	972	057
	1.6 com motor AKL	05/1999	-	BOSCH	972	057
	1.6 com motor APF	09/1999	10/2000	BOSCH	972	057
	1.6 com motor AUR	07/2000	-	BOSCH	972	057
	1.8 com motor ABS	03/1993	07/1994	BOSCH	972	057
	1.9 D	07/1994	01/2002	VALEO	1-493	189
	1.9 TD	07/1994	01/2002	VALEO	1-493	189
	Cupra/Sport 1.8 20V T com motor AQX	10/1999	-	BOSCH	972	057

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SEAT		de /from	until	M.Part./Starter	ZM	Pag.
Ibiza	Cupra/Sport 1.8 20V T com motor AYP	09/2000	-	BOSCH	972	057
	I 1.7 D with Fiat-138A5 engine	06/1984	-	MARELLI	651	141
	IV 1.6	02/2003	-	VALEO	1-498	195
		01/2002	-	BOSCH	381	003
		-	-	BOSCH	8-381	005
Inca	1.4i	11/1995	06/2003	MARELLI	1-396	136
	1.6i	11/1995	05/1998	MARELLI	1-396	136
	com motor 1.6	-	-	PRESTOLITE	3-482	173
	com motor 1.9 D	-	-	PRESTOLITE	3-482	173
	with 1.6 engine	-	-	PRESTOLITE	3-482	173
	with 1.9 D engine	-	-	PRESTOLITE	3-482	173
Leon	2.0	-	-	BOSCH	381	003
		-	-	VALEO	1-498	195
		01/2005	-	BOSCH	381	003
		-	-	BOSCH	7-381	005
		-	-	BOSCH	8-381	005
Malaga	1.7 D with Fiat-138A5 engine	05/1985	-	MARELLI	651	141
Ritmo	D with 138A5 engine	09/1980	05/1982	MARELLI	651	141
Ronda	1.7 D wit 138A5 engine	06/1982	12/1986	MARELLI	651	141
Toledo	1.6i	05/1991	03/1999	BOSCH	4-773	045
	III 2.0	-	-	BOSCH	381	003
		-	-	VALEO	1-498	195
		01/2004	-	BOSCH	381	003
		-	-	BOSCH	8-381	005

SKODA		de /from	until	M.Part./Starter	ZM	Pag.
100	1.0 with OHV engine	01/1970	12/1977	BOSCH	724	038
110	1.1 L	12/1969	03/1982	BOSCH	724	038
	1.1 LS with OHV engine	07/1970	03/1982	BOSCH	724	038
	Coupe 1.1 R with OHV engine	07/1970	03/1982	BOSCH	724	038
Fabia		01/2000	-	BOSCH	972	057
		-	-	VALEO	1-498	195
		-	-	VALEO	4-492	187
		01/1999	12/2008	BOSCH	381	003
		-	-	BOSCH	7-381	005
Octavia	1.4 FSI	06/2004	-	VALEO	1-498	195
	1.6 FSI	06/2004	-	VALEO	1-498	195
		01/1996	-	BOSCH	972	057
		-	-	VALEO	5-492	188
		01/2004	-	BOSCH	381	003
		-	-	BOSCH	7-381	005
Roomster		-	-	VALEO	1-498	195
		01/2006	-	BOSCH	381	003
		-	-	BOSCH	8-381	005
SuperB		-	-	VALEO	1-498	195
Yeti		-	-	VALEO	1-498	195
		01/2009	-	BOSCH	381	003
		-	-	BOSCH	8-381	005

SLC		de /from	until	M.Part./Starter	ZM	Pag.
6200	Turbo com motor OM 352 A	02/1984	-	BOSCH	531	014
		02/1984	-	BOSCH	531	015
		02/1984	-	BOSCH	549	019
		02/1984	-	BOSCH	631	027
	com motor OM 352	07/1982	-	BOSCH	531	014
		07/1982	-	BOSCH	531	015
		07/1982	-	BOSCH	549	019
		07/1982	-	BOSCH	631	027
7200	Turbo com motor OM 352 A	02/1984	-	BOSCH	531	014
		02/1984	-	BOSCH	531	015
		02/1984	-	BOSCH	549	019

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SLC		de /from	until	M.Part./Starter	ZM	Pag.
7200	Turbo com motor OM 352 A	02/1984	-	BOSCH	631	027
	Turbo com motor TD 229-6	06/1986	-	BOSCH	531	014
		06/1986	-	BOSCH	531	015
		06/1986	-	BOSCH	631	027
7700	Turbo com motor OM 366 A	03/1993	-	BOSCH	531	014
		03/1993	-	BOSCH	531	015
		03/1993	-	BOSCH	549	019
		03/1993	-	BOSCH	631	027
	Turbo com motor TD 299 EC-6	03/1993	-	BOSCH	531	014
		03/1993	-	BOSCH	531	015
		03/1993	-	BOSCH	631	027
SSANGYONG		de /from	until	M.Part./Starter	ZM	Pag.
Korando	2.9 D with MB OM 662 engine	01/1999	-	VALEO	590	196
	2.9 TD with MB OM 601 29TD engine	01/1999	-	VALEO	590	196
Musso	2.3 with MB M 111.970 engine	01/1999	-	VALEO	590	196
	2.9 D with MB OM 662 engine	01/1999	09/1999	VALEO	590	196
	2.9 diesel com motor OM 662 D29	07/1993	-	BOSCH	674	035
STERLING		de /from	until	M.Part./Starter	ZM	Pag.
Acterra	5500 with 5.9 liters Cummins ISB engine	01/2001	-	DELCO REMY	3-818	091
	6500 with 5.9 liters Cummins ISB engine	01/2001	-	DELCO REMY	3-818	091
	7500 with 5.9 liters Cummins ISB engine	01/2001	-	DELCO REMY	3-818	091
	8500 with 5.9 liters Cummins ISB engine	01/2001	-	DELCO REMY	3-818	091
	M 5500 com motor Cummins ISB 5.9 litros	01/2001	12/2007	DELCO REMY	818	090
	M 5500 com motor Mercedes MBE 900	01/2001	12/2007	DELCO REMY	818	090
	M 5500 with Caterpillar C-7 engine	01/2004	01/2007	DELCO REMY	1-407	071
		01/2004	01/2007	DELCO REMY	407	071
	M 5500 with 5.9 liters Cummins ISB engine	01/2001	12/2007	DELCO REMY	818	090
	M 5500 with Mercedes MBE 900 engine	01/2001	12/2007	DELCO REMY	818	090
	M 6500 com motor Cummins ISB 5.9 litros	01/2001	12/2007	DELCO REMY	818	090
	M 6500 com motor Mercedes MBE 900	01/2001	12/2007	DELCO REMY	818	090
	M 6500 with Caterpillar C-7 engine	01/2004	01/2007	DELCO REMY	1-407	071
		01/2004	01/2007	DELCO REMY	407	071
	M 6500 with 5.9 liters Cummins ISB engine	01/2001	12/2007	DELCO REMY	818	090
	M 6500 with Mercedes MBE 900 engine	01/2001	12/2007	DELCO REMY	818	090
	M 7500 com motor Cummins ISB 5.9 litros	01/2001	12/2007	DELCO REMY	818	090
	M 7500 com motor Mercedes MBE 900	01/2001	12/2007	DELCO REMY	818	090
	M 7500 with Caterpillar C-7 engine	01/2004	01/2007	DELCO REMY	1-407	071
		01/2004	01/2007	DELCO REMY	407	071
	M 7500 with 5.9 liters Cummins ISB engine	01/2001	12/2007	DELCO REMY	818	090
	M 7500 with Mercedes MBE 900 engine	01/2001	12/2007	DELCO REMY	818	090
	M 8500 com motor Cummins ISB 5.9 litros	01/2001	12/2007	DELCO REMY	818	090
	M 8500 com motor Mercedes MBE 900	01/2001	12/2007	DELCO REMY	818	090
	M 8500 with Caterpillar C-7 engine	01/2004	01/2007	DELCO REMY	1-407	071
		01/2004	01/2007	DELCO REMY	407	071
	M 8500 with 5.9 liters Cummins ISB engine	01/2001	12/2007	DELCO REMY	818	090
	M 8500 with Mercedes MBE 900 engine	01/2001	12/2007	DELCO REMY	818	090
Cargo	SC 7000 com motor Cummins ISB 5.9 litros	01/1999	12/2003	DELCO REMY	818	090
	SC 7000 with 5.9 liters Cummins ISB engine	01/1999	12/2003	DELCO REMY	818	090
	SC 8000 com motor Cummins ISB 5.9 litros	01/1999	12/2003	DELCO REMY	818	090
	SC 8000 with 5.9 liters Cummins ISB engine	01/1999	12/2003	DELCO REMY	818	090
Condor	with C10 10.3L Caterpillar diesel engine	01/2001	12/2003	MITSUBISHI	2-842	158
	with C11 11.1L Caterpillar diesel engine	01/2004	12/2006	MITSUBISHI	2-842	158
	with C12 12.0L Caterpillar diesel engine	01/2001	12/2003	MITSUBISHI	2-842	158
	with C13 12.5L Caterpillar diesel engine	01/2004	12/2006	MITSUBISHI	2-842	158
Heavy-duty trucks		-	-	DELCO REMY	1-817	090
L Line	7500 com motor Mercedes MBE 900	01/2006	12/2007	DELCO REMY	818	090
	7500 with C10 10.3L Caterpillar engine	01/1999	12/2003	MITSUBISHI	2-842	158
	7500 with C11 11.1L Caterpillar engine	01/2004	12/2006	MITSUBISHI	2-842	158
	7500 with C12 12.0L Caterpillar engine	01/1999	12/2003	MITSUBISHI	2-842	158

TABELA DE APLICAÇÃO
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STERLING		de /from	until	M.Part./Starter	ZM	Pag.
L Line	7500 with C13 12.5L Caterpillar engine	01/2004	12/2006	MITSUBISHI	2-842	158
	7500 with C15 14.6L Caterpillar engine	01/1999	12/2003	MITSUBISHI	2-842	158
	7500 with C15 15.2L Caterpillar engine	01/2004	12/2006	MITSUBISHI	2-842	158
	7500 with Caterpillar C-7 engine	01/2005	01/2007	DELCO REMY	1-407	071
		01/2005	01/2007	DELCO REMY	407	071
	7500 with Mercedes MBE 900 engine	01/2006	12/2007	DELCO REMY	818	090
	8000 com motor Mercedes MBE 900	01/2006	12/2007	DELCO REMY	818	090
	8000 with C10 10.3L Caterpillar engine	01/1999	12/2003	MITSUBISHI	2-842	158
	8000 with C11 11.1L Caterpillar engine	01/2004	12/2006	MITSUBISHI	2-842	158
	8000 with C12 12.0L Caterpillar engine	01/1999	12/2003	MITSUBISHI	2-842	158
	8000 with C13 12.5L Caterpillar engine	01/2004	12/2006	MITSUBISHI	2-842	158
	8000 with C15 14.6L Caterpillar engine	01/1999	12/2003	MITSUBISHI	2-842	158
	8000 with C15 15.2L Caterpillar engine	01/2004	12/2006	MITSUBISHI	2-842	158
	8000 with Caterpillar C-7 engine	01/2005	01/2007	DELCO REMY	1-407	071
		01/2005	01/2007	DELCO REMY	407	071
	8000 with Mercedes MBE 900 engine	01/2006	12/2007	DELCO REMY	818	090
	8500 com motor Mercedes MBE 900	01/2006	12/2007	DELCO REMY	818	090
	8500 with C10 10.3L Caterpillar engine	01/1999	12/2003	MITSUBISHI	2-842	158
	8500 with C11 11.1L Caterpillar engine	01/2004	12/2006	MITSUBISHI	2-842	158
	8500 with C12 12.0L Caterpillar engine	01/1999	12/2003	MITSUBISHI	2-842	158
	8500 with C13 12.5L Caterpillar engine	01/2004	12/2006	MITSUBISHI	2-842	158
	8500 with C15 14.6L Caterpillar engine	01/1999	12/2003	MITSUBISHI	2-842	158
	8500 with C15 15.2L Caterpillar engine	01/2004	12/2006	MITSUBISHI	2-842	158
	8500 with Caterpillar C-7 engine	01/2005	01/2007	DELCO REMY	1-407	071
		01/2005	01/2007	DELCO REMY	407	071
	8500 with Mercedes MBE 900 engine	01/2006	12/2007	DELCO REMY	818	090
	9500 com motor Mercedes MBE 900	01/2006	12/2007	DELCO REMY	818	090
	9500 with C10 10.3L Caterpillar engine	01/1999	12/2003	MITSUBISHI	2-842	158
	9500 with C11 11.1L Caterpillar engine	01/2004	12/2006	MITSUBISHI	2-842	158
	9500 with C12 12.0L Caterpillar engine	01/1999	12/2003	MITSUBISHI	2-842	158
	9500 with C13 12.5L Caterpillar engine	01/2004	12/2006	MITSUBISHI	2-842	158
	9500 with C15 14.6L Caterpillar engine	01/1999	12/2003	MITSUBISHI	2-842	158
	9500 with C15 15.2L Caterpillar engine	01/2004	12/2006	MITSUBISHI	2-842	158
	9500 with Caterpillar C-7 engine	01/2005	01/2007	DELCO REMY	1-407	071
		01/2005	01/2007	DELCO REMY	407	071
	9500 with Mercedes MBE 900 engine	01/2006	12/2007	DELCO REMY	818	090
		-	-	MITSUBISHI	2-842	158
Silver Star Series	with C15 14.6L Caterpillar engine	01/1999	12/2003	MITSUBISHI	2-842	158
	with C15 15.2L Caterpillar engine	01/2004	12/2006	MITSUBISHI	2-842	158
Truck		01/2004	12/2007	MITSUBISHI	2-842	158
for truck Grid Heater	with 12V system	-	-	BOSCH	3-671	034
	with 24V system	-	-	BOSCH	4-671	035
		-	-	DELCO REMY	427	076
		-	-	DELCO REMY	429	078

STEYR	de /from	until	M.Part./Starter	ZM	Pag.
10 S 14	04/1986	-	BOSCH	642	032
10 S 18	04/1986	-	BOSCH	642	032
11 S 14	07/1989	-	BOSCH	642	032
11 S 18	07/1989	-	BOSCH	642	032
12 S	04/1986	-	BOSCH	642	032
12 S 14	04/1986	-	BOSCH	642	032
12 S 18	04/1986	-	BOSCH	642	032
13 S	09/1988	-	BOSCH	642	032
13 S 14	09/1988	-	BOSCH	642	032
13 S 18	09/1988	-	BOSCH	642	032
14 S	04/1986	-	BOSCH	642	032
14 S 14	04/1986	-	BOSCH	642	032
14 S 18	04/1986	-	BOSCH	642	032

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APPLICATION CHART

STEYR		de /from	until	M.Part./Starter	ZM	Pag.
15 S		04/1986	-	BOSCH	642	032
15 S 18		04/1986	-	BOSCH	642	032
15 S 21		04/1986	-	BOSCH	642	032
16 S 18		04/1986	-	BOSCH	642	032
16 S 21		04/1986	-	BOSCH	642	032
17 S 18		09/1988	-	BOSCH	642	032
17 S 21		09/1988	-	BOSCH	642	032
480	Diesel Engine 4 cil	01/1966	03/1969	BOSCH	4-903	056
586	Diesel engine 6 cil.	03/1971	07/1983	BOSCH	4-903	056
650 A		11/1975	12/1982	BOSCH	643	032
658 A		11/1975	12/1982	BOSCH	643	032
760		11/1975	12/1982	BOSCH	643	032
768 A		11/1975	12/1982	BOSCH	643	032
8 S 14		05/1989	-	BOSCH	642	032
8 S 18		05/1989	-	BOSCH	642	032
8000		01/1980	-	BOSCH	743	042
9 S 14		04/1986	-	BOSCH	642	032
9 S 18		04/1986	-	BOSCH	642	032
G 320	3.2 L	01/1998	-	BOSCH	5-973	060
G 500	5.0 L V8	01/1998	-	BOSCH	5-973	060
SUBARU		de /from	until	M.Part./Starter	ZM	Pag.
Coupe		01/1981	12/1983	DENSO	703	103
DL	1.6 L	01/1981	12/1983	DENSO	703	103
GF		01/1981	12/1983	DENSO	703	103
GL	Sedan	01/1981	12/1983	DENSO	703	103
Justy	1.2	08/1988	-	HITACHI	711	119
	I 1000 4WD with EF10 engine	11/1984	12/1990	HITACHI	710	118
		11/1984	12/1990	HITACHI	711	119
	I 1000 with EF10 engine	05/1987	10/1995	HITACHI	710	118
		05/1987	10/1995	HITACHI	711	119
	I 1200 4WD with EF12 engine	10/1986	12/1994	HITACHI	710	118
		10/1986	12/1994	HITACHI	711	119
Libero	1.0 with EF10 engine	10/1983	-	HITACHI	711	119
	1.2 with EF12 engine	10/1983	-	HITACHI	711	119
	1000 4WD	01/1983	-	HITACHI	711	119
Wagon	1.6 L	01/1981	12/1983	DENSO	703	103
SUMIMOTO YALE		de /from	until	M.Part./Starter	ZM	Pag.
Lift Trucks DB	with Mazda HA engine	01/1985	-	MITSUBISHI	1-895	160
	with Mazda XA engine	01/1985	-	MITSUBISHI	1-895	160
Lift Trucks DE	with Mazda HA engine	01/1985	-	MITSUBISHI	1-895	160
	with Mazda XA engine	01/1985	-	MITSUBISHI	1-895	160
SUZUKI		de /from	until	M.Part./Starter	ZM	Pag.
1100	with 3E1 engine	07/1979	06/1985	VALEO	493	189
Alto	800 with F8B engine	01/1989	11/1993	DENSO	707	105
Grand Vitara		03/1998	-	MITSUBISHI	697	150
SB 308	with F8B engine	01/1986	11/1993	DENSO	707	105
SJ	413 1.3	08/1984	-	MITSUBISHI	697	150
Samurai	1.3i com motor G13A	08/1993	-	BOSCH	2-777	048
	1.3i com motor G13B	08/1993	-	BOSCH	2-777	048
		11/1988	-	MITSUBISHI	697	150
Vitara	1.6i 16V Cabrio com motor G16B Kat.	07/1990	03/1998	BOSCH	2-777	048
		08/1984	-	MITSUBISHI	697	150
X-90	1.6 i 16V	09/1995	-	MITSUBISHI	697	150
XL-7	3.6L V6	01/2007	12/2009	MITSUBISHI	5-995	169
TALBOT		de /from	until	M.Part./Starter	ZM	Pag.
1307	with G1, G2, G4 engine	07/1978	-	VALEO	493	189
1308	with Y1, Y2 engine	07/1978	-	VALEO	493	189

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APPLICATION CHART

TALBOT		de /from	until	M.Part./Starter	ZM	Pag.
1510	1.3 with 6... engine	07/1979	06/1982	VALEO	493	189
	1.4 with 6... engine	07/1979	06/1982	VALEO	493	189
	1.6 with 6... engine	07/1979	06/1982	VALEO	493	189
Express (2) 250, 290 SWB, 310, 350 LWB	2.0 L	01/1990	12/1994	PRESTOLITE	471	172
Express 1000	1.8 L	01/1982	12/1989	PRESTOLITE	471	172
	2.0 L	01/1989	12/1990	PRESTOLITE	471	172
Express 1300	2.0 L	01/1982	12/1986	PRESTOLITE	471	172
Express 1400, 1800	2.0 L	01/1986	12/1990	PRESTOLITE	471	172
Express 1500	2.0 L	01/1982	12/1990	PRESTOLITE	471	172
Express Sportsman 8, 12, 15	2.0 L	01/1990	12/1994	PRESTOLITE	471	172
Horizon	1.1 with E1-BTC, E1A engine	07/1979	06/1986	VALEO	493	189
	1.3	07/1979	06/1986	VALEO	493	189
	1.4	07/1979	06/1986	VALEO	493	189
	1.6 with Y1, Y2 engine	07/1979	06/1986	VALEO	493	189
	1.9 D	07/1982	06/1986	MITSUBISHI	993	165
Matra	Bagheera 1.4 with Y2, Y4 engine	07/1979	08/1980	VALEO	493	189
	Murena 1.6 with J2A engine	09/1980	06/1983	VALEO	493	189
	Rancho 1.4 with X3Y2, 3Y2 engine	07/1979	07/1984	VALEO	493	189
Samba	1.0 with 5C1, 5A1 engine	11/1981	06/1986	BOSCH	672	035
		11/1981	06/1986	VALEO	561	196
	1.1 with 5C1, 5A1 engine	11/1981	06/1986	BOSCH	672	035
		11/1981	06/1986	VALEO	561	196
	1.2 Rallye with 5K, XZ7R engine	11/1981	06/1986	BOSCH	672	035
		11/1981	06/1986	VALEO	561	196
	1.4 with 5K, XZ7R engine	11/1981	06/1986	BOSCH	672	035
		11/1981	06/1986	VALEO	561	196
Solara	1.3	02/1980	04/1984	VALEO	493	189
	1.4	02/1980	04/1984	VALEO	493	189
	1.6	02/1980	04/1984	VALEO	493	189
	diesel	11/1984	07/1986	MITSUBISHI	993	165
Tagora	2.6 with 9L6 engine	08/1981	10/1983	VALEO	493	189
	TD with 9U8 engine	09/1981	06/1983	BOSCH	653	034

TEREX		de /from	until	M.Part./Starter	ZM	Pag.
33-05 , 72-21, 72-21AA		-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
72-31, 72-31AA, 72-31B, 72-31F, 72-31M		-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
72-41, 72-41AA, 72-51, 72-51BA		-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
72-61, 72-61AA, 72-71, 78SH		-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
81SH, 82SH, 83SH, 84SH, S-11E, TTS-14		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
82-20, 82-30, 82-30B, 82-30FA		-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
82-30FAM, 82-30FAT, 82-30G, 82-		-	-	DELCO REMY	2-461	083

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TEREX		de /from	until	M.Part./Starter	ZM	Pag.
82-30FAM, 82-30FAT, 82-30G, 82-30GA		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
82-40, 82-40CA, 82-40FAT, 82-80, 82-80DA		-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
Empilhadeira	GEP 23	-	-	DELCO REMY	4-408	073
		-	-	DELCO REMY	5-408	073
Lift	GEP 23	-	-	DELCO REMY	4-408	073
		-	-	DELCO REMY	5-408	073
S-23E, TS-18, TS-24, TS-24A, TS-32		-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	461	083
TS-14, TS-14B		-	-	DELCO REMY	2-461	083
		-	-	DELCO REMY	356	067
		-	-	DELCO REMY	361	069
		-	-	DELCO REMY	362	069
		-	-	DELCO REMY	456	080
		-	-	DELCO REMY	456	081
		-	-	DELCO REMY	461	083
V-30, V-40, V-41, V-50, V-51, V-60	com motor Perkins 3-152	-	-	DELCO REMY	355	067
		-	-	DELCO REMY	455	080
	com motor Perkins 4-236	-	-	DELCO REMY	355	067
		-	-	DELCO REMY	455	080

THERMO-KING		de /from	until	M.Part./Starter	ZM	Pag.
Equipamentos de Refrigeração	MOTOR DIESEL ISUZU DI2.2 THERMO KING	-	-	HITACHI	1-411	113
	MOTOR DIESEL ISUZU SE2.2 THERMO KING	-	-	HITACHI	1-411	113
	THERMO KING DIESEL ENGINE C201	-	-	HITACHI	2-411	113
	Thermo King SB-I	-	-	HITACHI	1-411	113
		-	-	HITACHI	2-411	113
	Thermo King SB-II	-	-	HITACHI	1-411	113
		-	-	HITACHI	2-411	113
	Thermo King SB-III	-	-	HITACHI	1-411	113
		-	-	HITACHI	2-411	113
	Thermo King Super-II 190	-	-	HITACHI	2-411	113
Misc. Equipment	SB-II, SB-II 30 MAX, SB-II 30 di / TC	-	-	HITACHI	780	122
		-	-	HITACHI	781	123
	Sentry 30 di / TC, Sentry SD1200 Isuzu C201	-	-	HITACHI	780	122
		-	-	HITACHI	781	123
	Super II 30 / MAX	-	-	HITACHI	780	122
		-	-	HITACHI	781	123

TOYOTA		de /from	until	M.Part./Starter	ZM	Pag.
1000	all models	04/1974	12/1978	DENSO	661	101
Avensis	1.6 with 4A FE engine	09/1997	10/2000	BOSCH	978	062
	1.8 with 7A FE engine	09/1997	10/2000	BOSCH	978	062
	2.0 D-4D with 1CD-FTV Diesel engine	09/1997	02/2003	BOSCH	978	062
	2.0 TD with 2C-TE Diesel engine	10/1999	02/2003	BOSCH	978	062
	Liftback 1.6 with 4A FE engine	09/1997	10/2000	BOSCH	978	062
	Liftback 1.8 with 7A FE engine	09/1997	10/2000	BOSCH	978	062
	Station Wagon 1.6 with 4A FE engine	09/1997	10/2000	BOSCH	978	062
	Station Wagon 1.8 with 7A FE engine	09/1997	10/2000	BOSCH	978	062
		09/1997	-	MARELLI	1-397	137
		04/2003	-	MARELLI	397	137
Aygo	1.4 HDi	01/2005	-	VALEO	3-497	194
Bandeirante	com motor OM 364	01/1981	12/2001	BOSCH	531	014
		01/1981	12/2001	BOSCH	531	015
		01/1981	12/2001	BOSCH	631	027

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TOYOTA		de /from	until	M.Part./Starter	ZM	Pag.
Bandeirante	com motor OM 364	01/1991	03/1994	BOSCH	3-571	021
	with OM 364 engine	01/1991	03/1994	BOSCH	3-571	021
Carina	1.6 with 2T engine	08/1981	09/1983	DENSO	661	101
	E 1.6 GLI with 4A FE engine	04/1992	09/1997	BOSCH	978	062
	E 1.6 with 4A FE engine	12/1993	09/1997	BOSCH	978	062
	E 1.8 with 7A FE engine	01/1995	09/1997	BOSCH	978	062
	E 1.8i 16V with 4A FE engine	01/1995	09/1997	BOSCH	978	062
	E Saloon 1.6 16V with 4A FE engine	12/1994	09/1997	BOSCH	978	062
	E Saloon 1.6 GLI with 4A FE engine	04/1992	09/1997	BOSCH	978	062
	E Saloon 1.6 with 4A FE engine	01/1993	09/1997	BOSCH	978	062
	E Sportswagon 1.6i with 4A FE engine	02/1995	09/1997	BOSCH	978	062
	E Sportswagon 1.8i with 7A FE engine	02/1995	09/1997	BOSCH	978	062
Celica	1.8i 16V with 7A FE engine	11/1993	11/1999	BOSCH	978	062
	2.0 with 18R, 18RG , 21R engine	04/1973	07/1985	DENSO	660	100
	2.0i with 18R, 18RG , 21R engine	04/1973	07/1985	DENSO	660	100
Corolla	(new) 1.8i 16V	02/1999	-	BOSCH	1-978	063
	(novo) 1.8i 16V	02/1999	-	BOSCH	1-978	063
		-	-	BOSCH	2-978	063
	1.6 L	04/1997	02/2000	DENSO	4-708	106
	1.6 Si with 4A FE engine	09/1995	04/1997	BOSCH	978	062
	1.6 automatic with 4A FE engine	04/1997	02/2000	BOSCH	978	062
	1.6 with 4A FE engine	04/1997	02/2000	BOSCH	978	062
	1.6i 16V	05/2002	-	BOSCH	1-978	063
	1.8i 16V com motor 7A FE	08/1998	06/2002	BOSCH	978	062
	2.0 D	-	-	BOSCH	978	062
	Compact 1.6 Si with 4A FE engine	07/1992	04/1997	BOSCH	978	062
	Compact 1.6 automatic with 4A FE engine	04/1997	02/2000	BOSCH	978	062
	Compact 1.6 with 4A FE engine	04/1997	02/2000	BOSCH	978	062
	Liftback 1.6 automatic with 4A FE engine	04/1997	02/2000	BOSCH	978	062
	Liftback 1.6 with 4A FE engine	04/1997	02/2000	BOSCH	978	062
	Wagon 1.6 Si with 4A FE engine	07/1992	04/1997	BOSCH	978	062
		07/1992	04/1997	DENSO	4-708	106
	Wagon 1.6 automatic with 4A FE engine	04/1997	02/2000	BOSCH	978	062
		07/1992	04/1997	DENSO	4-708	106
	Wagon 1.6 with 4A FE engine	04/1997	02/2000	BOSCH	978	062
	Wagon 1.8 4WD with 7A FE engine	04/1997	01/2002	BOSCH	978	062
	Wagon 1.8 AWD with 7A FE engine	04/1997	01/2002	BOSCH	978	062
		04/1997	01/2003	DENSO	4-708	106
		01/2002	-	MARELLI	1-397	137
		04/2003	-	MARELLI	397	137
Corolla Altis		01/2003	12/2009	DENSO	5-708	107
Corolla Fielder	1.8i 16v	05/2004	-	BOSCH	1-978	063
Corona	2.0	04/1973	07/1985	DENSO	660	100
Cressida	2.0	04/1973	07/1985	DENSO	660	100
Echo	1.5L 1497cc	01/2000	12/2002	DENSO	4-708	106
HiAce	1.6	02/1977	03/1983	DENSO	660	100
	1.8	04/1973	07/1985	DENSO	660	100
	2.0	04/1973	07/1985	DENSO	660	100
Hilux	3.0 16V D Turbo Intercooler	03/2005	-	BOSCH	3-978	063
Lite Ace	1.3 with 4K engine	06/1980	10/1982	DENSO	661	101
Paseo	1.5L 1497cc	01/1996	12/1999	DENSO	4-708	106
Rav4		04/1994	-	DENSO	660	100
Starlet	1.0 with 2K engine	02/1978	02/1984	DENSO	661	101
	1.2 with 3KH engine	02/1978	02/1982	DENSO	661	101
	1.3 L	01/1981	12/1982	DENSO	703	103
	1.3 with 4K engine	08/1981	02/1984	DENSO	661	101
Tercel	1.5 L	01/1981	12/1988	DENSO	703	103
		01/1981	12/1988	DENSO	704	103
	1.5L 1497cc					

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TOYOTA		de /from	until	M.Part./Starter	ZM	Pag.
Tercel	1.5L 1497cc	01/1996	12/1999	DENSO	4-708	106
Verso	1.3L 16V	01/2001	12/2006	DENSO	4-708	106
Yaris	1.3L 16V	01/1999	12/2002	DENSO	4-708	106
	1.5L 1497cc	01/2006	12/2012	DENSO	4-708	106
	1.5L 1497cc 91cid	01/2010	12/2012	DENSO	4-708	106
	1.5L 16V	01/2001	12/2006	DENSO	4-708	106
TRAMONTINI		de /from	until	M.Part./Starter	ZM	Pag.
Tratores série Brasil	T3230-4	-	-	BOSCH	1-735	041
	T5045-4	-	-	BOSCH	1-735	041
TROLLER		de /from	until	M.Part./Starter	ZM	Pag.
T4	2.8 com motor 4.07 TCA	10/2001	08/2005	BOSCH	5-972	058
	2.8 with 4.07 TCA engine	10/2001	08/2005	BOSCH	5-972	058
	com motor MWM 2.8	01/2000	-	MITSUBISHI	2-695	149
T4 M	2.8 com motor 4.07 TCA	04/2003	-	BOSCH	5-972	058
	2.8 with 4.07 TCA engine	04/2003	-	BOSCH	5-972	058
VALMET		de /from	until	M.Part./Starter	ZM	Pag.
110 ID	com motor 225-6	12/1973	-	BOSCH	531	014
		12/1973	-	BOSCH	531	015
		12/1973	-	BOSCH	631	027
	com motor MWM D 225-6	-	07/1977	BOSCH	533	015
118	com motor D 229-6	06/1981	-	BOSCH	531	014
		06/1981	-	BOSCH	531	015
		06/1981	-	BOSCH	631	027
	com motor PID A 229-6 TV álcool	06/1983	12/1986	BOSCH	531	014
		06/1983	12/1986	BOSCH	531	015
		06/1983	12/1986	BOSCH	631	027
118-4	com motor 229-6	06/1981	-	BOSCH	531	014
		06/1981	-	BOSCH	531	015
		06/1981	-	BOSCH	631	027
	com motor PID A 229-6 álcool	06/1983	12/1986	BOSCH	531	014
		06/1983	12/1986	BOSCH	531	015
		06/1983	12/1986	BOSCH	631	027
1180	com motor 6 B 5.9	08/1990	-	BOSCH	537	016
128	4x4 com motor D 229-6 VS	07/1986	-	BOSCH	531	014
		07/1986	-	BOSCH	531	015
		07/1986	-	BOSCH	631	027
	4x4 com motor PID A 229-6 álcool	06/1983	12/1986	BOSCH	531	014
		06/1983	12/1986	BOSCH	531	015
		06/1983	12/1986	BOSCH	631	027
	com motor D 229-6 VS	07/1986	-	BOSCH	531	014
		07/1986	-	BOSCH	531	015
		07/1986	-	BOSCH	631	027
1280	R com motor D 229-6 VM	09/1993	-	BOSCH	632	027
	com motor D 229-6 VM	12/1990	-	BOSCH	632	027
138	Turbo com motor TD 229-6 TV	01/1980	-	BOSCH	531	014
		01/1980	-	BOSCH	531	015
		01/1980	-	BOSCH	631	027
138-4	Turbo com motor TD 229-6 VS	10/1982	-	BOSCH	531	014
		10/1982	-	BOSCH	531	015
		10/1982	-	BOSCH	631	027
148	4x4 com motor TD 229-6 VS	10/1982	-	BOSCH	531	014
		10/1982	-	BOSCH	531	015
		10/1982	-	BOSCH	631	027
	Turbo com motor TD 229-6 TV	01/1980	-	BOSCH	531	014
		01/1980	-	BOSCH	531	015
		01/1980	-	BOSCH	631	027
1580	com motor D 229 EC-6 VM	08/1990	-	BOSCH	632	027
1780	com motor D 229 EC-6 VA	03/1990	-	BOSCH	632	027
62 ID	com motor D 225-3					

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VALMET		de /from	until	M.Part./Starter	ZM	Pag.
62 ID	com motor D 225-3	12/1973	05/1981	BOSCH	531	014
		12/1973	05/1981	BOSCH	531	015
		12/1973	05/1981	BOSCH	631	027
65 ID	com motor D 225-3	12/1973	05/1981	BOSCH	531	014
		12/1973	05/1981	BOSCH	531	015
		12/1973	05/1981	BOSCH	631	027
68	Cafeeiro com motor D 229-3 VS	06/1981	-	BOSCH	531	014
		06/1981	-	BOSCH	531	015
		06/1981	-	BOSCH	631	027
	Cafeeiro com motor MWM D 229-3	-	07/1985	BOSCH	533	015
	Especial com motor D 229-3 VS	06/1981	-	BOSCH	531	014
		06/1981	-	BOSCH	531	015
		06/1981	-	BOSCH	631	027
	Especial com motor MWM D 229-3	-	07/1985	BOSCH	533	015
	com motor D 229-3 VS	06/1981	-	BOSCH	531	014
		06/1981	-	BOSCH	531	015
		06/1981	-	BOSCH	631	027
	com motor MWM D 229-3	-	07/1985	BOSCH	533	015
685	ECO com motor D 229-3 VB	07/1994	-	BOSCH	531	014
		07/1994	-	BOSCH	531	015
		07/1994	-	BOSCH	631	027
	com motor D 229-3 VA	08/1992	-	BOSCH	531	014
		08/1992	-	BOSCH	531	015
		08/1992	-	BOSCH	631	027
78	S com motor D 229-4	01/1985	-	BOSCH	531	014
		01/1985	-	BOSCH	531	015
		01/1985	-	BOSCH	631	027
	VE com motor D 229-4	01/1985	-	BOSCH	531	014
		01/1985	-	BOSCH	531	015
		01/1985	-	BOSCH	631	027
785	com motor D 229-4 VA	08/1992	-	BOSCH	632	027
85 ID	com motor 225-4	12/1973	05/1981	BOSCH	531	014
		12/1973	05/1981	BOSCH	531	015
		12/1973	05/1981	BOSCH	631	027
	com motor MWM D 225-4	-	07/1977	BOSCH	533	015
88	com motor 229-4	06/1981	-	BOSCH	531	014
		06/1981	-	BOSCH	531	015
		06/1981	-	BOSCH	631	027
880	4x4 com motor D 229-4	01/1986	-	BOSCH	531	014
		01/1986	-	BOSCH	531	015
		01/1986	-	BOSCH	631	027
	com motor D 229-4	01/1986	-	BOSCH	531	014
		01/1986	-	BOSCH	531	015
		01/1986	-	BOSCH	631	027
885	4x4 com motor D 229-4 TM	08/1989	-	BOSCH	632	027
	com motor D 229-4 VM	08/1989	-	BOSCH	632	027
980	4x4 Turbo com motor TD 229-4	02/1986	-	BOSCH	531	014
		02/1986	-	BOSCH	531	015
		02/1986	-	BOSCH	631	027
985	4x4 com motor D 229 EC-4 TA	01/1990	-	BOSCH	632	027
	com motor D 229 EC-4 VM	01/1990	-	BOSCH	632	027
Trator	com motor MWM 3 cilindros	-	-	WAPSA	501	201
		-	-	WAPSA	506	202
	com motor MWM 4 cilindros	-	-	WAPSA	501	201
		-	-	WAPSA	506	202
	com motor MWM 6 cilindros	-	-	WAPSA	501	201
		-	-	WAPSA	506	202

VALTRA		de /from	until	M.Part./Starter	ZM	Pag.
1280R		-	-	PRESTOLITE	1-486	177

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VALTRA		de /from	until	M.Part./Starter	ZM	Pag.
1580		-	-	PRESTOLITE	1-486	177
1780		-	-	PRESTOLITE	1-486	177
6200		-	-	ISKRA	825	129
		-	-	ISKRA	826	129
6250		-	-	ISKRA	826	129
6300		-	-	ISKRA	826	129
6350 Hi		-	-	ISKRA	826	129
6400		-	-	ISKRA	826	129
6550		-	-	ISKRA	826	129
6850		-	-	ISKRA	826	129
685C		-	-	PRESTOLITE	1-486	177
6900		-	-	ISKRA	826	129
785C		-	-	PRESTOLITE	1-486	177
A Serie		-	-	ISKRA	826	129
A750L		-	-	ISKRA	826	129
A950		-	-	ISKRA	826	129
A990		-	-	ISKRA	826	129
BC4500		-	-	ISKRA	826	129
BC4500R		-	-	ISKRA	826	129
BH160		-	-	PRESTOLITE	1-486	177
BH180		-	-	PRESTOLITE	1-486	177
BL77		-	-	PRESTOLITE	1-486	177
BL88		-	-	PRESTOLITE	1-486	177
BM100		-	-	PRESTOLITE	1-486	177
BM120		-	-	PRESTOLITE	1-486	177
N Serie		-	-	ISKRA	826	129
S260		-	-	ISKRA	826	129
S280		-	-	ISKRA	826	129
T Serie		-	-	PRESTOLITE	1-486	177
		-	-	ISKRA	826	129
X 120		-	-	ISKRA	826	129
VOLKSWAGEN		de /from	until	M.Part./Starter	ZM	Pag.
12.140 T	com motor 4.10 T	06/1997	02/2000	BOSCH	531	014
		06/1997	02/2000	BOSCH	531	015
		06/1997	02/2000	BOSCH	631	027
12.170 BT	com motor 6BTAA	06/1997	02/2000	BOSCH	537	016
12.180	com motor 6.10 TCA	06/1999	02/2000	BOSCH	531	014
		06/1999	02/2000	BOSCH	531	015
		06/1999	02/2000	BOSCH	631	027
1200	A	06/1960	07/1975	BOSCH	621	024
		06/1960	07/1975	BOSCH	621	024
13.150	com motor 4.10 TCA	01/2000	-	BOSCH	531	014
		01/2000	-	BOSCH	531	015
		01/2000	-	BOSCH	631	027
	com motor MWM serie 10 4.10 TCA 4.2 litros	-	-	PRESTOLITE	5-485	177
	with 10 serie 4.10 TCA 4.2 liters MWM engine	-	-	PRESTOLITE	5-485	177
13.170	com motor 6BTAA	03/2000	10/2001	BOSCH	537	016
13.180	com motor 6.10 TCA	03/2000	-	BOSCH	531	014
		03/2000	-	BOSCH	531	015
		03/2000	-	BOSCH	631	027
	com motor MWM	-	-	MITSUBISHI	2-897	161
		-	-	DELCO REMY	428	076
	com motor MWM serie 10 4.10 TCA 6.4 litros	-	-	PRESTOLITE	5-485	177
	with 10 serie 4.10 TCA 6.4 liters MWM engine	-	-	PRESTOLITE	5-485	177
		-	-	DELCO REMY	1-408	072
13.190	com motor 6BTAA	10/2001	-	BOSCH	537	016
	com motor Cummins 6BTAA 5.9 litros	-	-	PRESTOLITE	5-485	177
	with 6BTAA 5.9 liters Cummins engine	-	-	PRESTOLITE	5-485	177

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VOLKSWAGEN		de /from	until	M.Part./Starter	ZM	Pag.
1300	A	08/1966	07/1967	BOSCH	621	024
		08/1966	07/1967	BOSCH	621	024
14.150	com motor 6.10 T	07/1991	02/2000	BOSCH	531	014
		07/1991	02/2000	BOSCH	531	015
		07/1991	02/2000	BOSCH	631	027
14.170 BT	com motor 6BTAA	06/1997	02/2000	BOSCH	537	016
14.180	com motor 6.10 TCA	11/1999	02/2000	BOSCH	531	014
		11/1999	02/2000	BOSCH	531	015
		11/1999	02/2000	BOSCH	631	027
14.200	com motor 6.10 T	07/1991	07/1994	BOSCH	531	014
		07/1991	07/1994	BOSCH	531	015
		07/1991	07/1994	BOSCH	631	027
15.170	com motor 6BTAA	03/2000	10/2001	BOSCH	537	016
15.180	com motor MWM	-	-	MITSUBISHI	2-897	161
		-	-	DELCO REMY	428	076
	com motor MWM serie 10 6.10 TCA 6.4 litros	-	-	PRESTOLITE	5-485	177
	with 10 serie 6.10 TCA 6.4 liters MWM engine	-	-	PRESTOLITE	5-485	177
		-	-	DELCO REMY	1-408	072
15.190	4x2 Motor Cummins 6BTAA 5.9 litros	-	-	PRESTOLITE	5-485	177
	with 6BTAA 5.9 liters Cummins engine	-	-	PRESTOLITE	5-485	177
1500	1.5	04/1961	07/1973	BOSCH	2-873	052
	1.6	08/1965	07/1973	BOSCH	2-873	052
16.170	BT	-	-	BOSCH	537	016
	com motor 6C	05/1993	02/2000	BOSCH	537	016
16.180	CO com motor 6.10	03/1993	06/1997	BOSCH	536	016
		03/1993	06/1997	BOSCH	636	028
		03/1993	06/1997	BOSCH	9-636	028
16.200	com motor 6BTAA	10/1997	02/2000	BOSCH	537	016
		-	-	BOSCH	537	016
16.210	CO com motor 6.10 TCA	06/1997	12/2001	BOSCH	536	016
		06/1997	12/2001	BOSCH	636	028
		06/1997	12/2001	BOSCH	9-636	028
	com motor 6 CT	01/1988	-	BOSCH	1-831	049
	com motor 6CTAA	02/1988	02/2000	BOSCH	831	049
	with 6 CT engine	01/1988	-	BOSCH	1-831	049
1600	1.5	04/1961	07/1973	BOSCH	2-873	052
	1.6	08/1965	07/1973	BOSCH	2-873	052
17..270	com motor 6BTAA	01/2000	-	BOSCH	537	016
17.210	4x2 Motor MWM 6.10 TCA 6 cil.	-	-	PRESTOLITE	5-485	177
	OD com motor 6.10 TCA	07/2001	-	BOSCH	536	016
		07/2001	-	BOSCH	636	028
		07/2001	-	BOSCH	9-636	028
	com motor Cummins 6BTAA 5.9 litros	-	-	PRESTOLITE	5-485	177
	com motor MWM	-	-	MITSUBISHI	2-897	161
		-	-	DELCO REMY	428	076
	with 10 serie 6.10 TCA 6.4 liters MWM engine	-	-	PRESTOLITE	5-485	177
	with 6BTAA 5.9 liters Cummins engine	-	-	PRESTOLITE	5-485	177
		-	-	DELCO REMY	1-408	072
17.220	com motor Cummins 6CTAA 8.3 litros	-	-	DELCO REMY	352	065
		-	-	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
		-	-	PRESTOLITE	5-485	177
	with 6CTAA 8.3 liters Cummins engine	-	-	PRESTOLITE	5-485	177
17.240	OTcom motor 6.10 TCA	03/2001	-	BOSCH	536	016
		03/2001	-	BOSCH	636	028
		03/2001	-	BOSCH	9-636	028
	com motor MWM	-	-	MITSUBISHI	2-897	161
		-	-	DELCO REMY	428	076

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VOLKSWAGEN		de /from	until	M.Part./Starter	ZM	Pag.
17.240		-	-	DELCO REMY	1-408	072
17.250	E com motor Cummins 6B eletrónico 5.9 litros	-	-	PRESTOLITE	3-485	176
	E with 6B eletronic 5.9 liters Cummins engine	-	-	PRESTOLITE	3-485	176
17.260	com motor MWM	-	-	MITSUBISHI	2-897	161
		-	-	DELCO REMY	428	076
		-	-	DELCO REMY	1-408	072
17.310	4x2 Motor Cummins 6CTAA 8.3 6 cil.	-	-	DELCO REMY	352	065
		-	-	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
17.320E		-	-	DELCO REMY	1-409	075
		-	-	DELCO REMY	1-840	092
18.310 Titan		-	-	DELCO REMY	1-409	075
		-	-	DELCO REMY	1-840	092
18.310 Titan Tractor		-	-	DELCO REMY	1-409	075
		-	-	DELCO REMY	1-840	092
		-	-	DELCO REMY	360	068
181	1.5	09/1969	07/1970	BOSCH	2-873	052
	1.6	08/1970	03/1973	BOSCH	2-873	052
19.360E		-	-	DELCO REMY	1-409	075
		-	-	DELCO REMY	1-840	092
23.210	com motor Cummins 6BTAA 5.9 litros	-	-	PRESTOLITE	5-485	177
	com motor Cummins 6CTAA 8.3 Litros	-	-	DELCO REMY	352	065
		-	-	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
	com motor MWM serie 10 6.10 TCA 6.4 litros	-	-	PRESTOLITE	5-485	177
	with 10 serie 6.10 TCA 6.4 liters MWM engine	-	-	PRESTOLITE	5-485	177
	with 6BTAA 5.9 liters Cummins engine	-	-	PRESTOLITE	5-485	177
23.220	com motor Cummins 6CTAA 8.3 litros	-	-	DELCO REMY	352	065
		-	-	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
		-	-	PRESTOLITE	5-485	177
	with 6CTAA 8.3 liters Cummins engine	-	-	PRESTOLITE	5-485	177
23.310	6x2 Motor Cummins 6CTAA 8.3 6 cil.	-	-	DELCO REMY	352	065
		-	-	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
25.320E		-	-	DELCO REMY	1-409	075
		-	-	DELCO REMY	1-840	092
25.370E		-	-	DELCO REMY	1-409	075
		-	-	DELCO REMY	1-840	092
25.400E		-	-	DELCO REMY	1-409	075
		-	-	DELCO REMY	1-840	092
26.220	com motor Cummins 6CTAA 8.3 litros	-	-	DELCO REMY	352	065
		-	-	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
		-	-	PRESTOLITE	5-485	177
	with 6CTAA 8.3 liters Cummins engine	-	-	PRESTOLITE	5-485	177
26.250	E com motor Cummins 6B eletrônico 5.9 litros	-	-	PRESTOLITE	3-485	176
	E with 6B eletronic 5.9 liters Cummins engine	-	-	PRESTOLITE	3-485	176
26.260	com motor Cummins 6CTAA 8.3 litros	-	-	DELCO REMY	352	065
		-	-	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
		-	-	PRESTOLITE	5-485	177
	com motor MWM	-	-	MITSUBISHI	2-897	161

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VOLKSWAGEN		de /from	until	M.Part./Starter	ZM	Pag.
26.260	com motor MWM	-	-	DELCO REMY	428	076
	with 6CTAA 8.3 liters Cummins engine	-	-	PRESTOLITE	5-485	177
		-	-	DELCO REMY	1-408	072
26.310	com motor Cummins 6CTAA 8.3 litros	-	-	DELCO REMY	352	065
		-	-	DELCO REMY	352	066
		-	-	DELCO REMY	452	078
		-	-	DELCO REMY	452	079
31.260	com motor MWM	-	-	MITSUBISHI	2-897	161
		-	-	DELCO REMY	428	076
		-	-	DELCO REMY	1-408	072
411	1.7	07/1968	08/1973	BOSCH	2-873	052
	1.8	07/1973	03/1975	BOSCH	2-873	052
412	1.7	01/1972	12/1973	BOSCH	2-873	052
	1.8	07/1973	03/1975	BOSCH	2-873	052
5-140E	Delivery com motor 4.09 TCE	10/2005	-	BOSCH	6-972	058
	EOD 4.08 TCE	10/2005	-	BOSCH	6-972	058
7-120	com motor 4.10 TCA	03/2002	-	BOSCH	531	014
		03/2002	-	BOSCH	531	015
		03/2002	-	BOSCH	631	027
7.10	com motor MWM serie 10 4.10 TCA 4.2 litros	-	-	PRESTOLITE	5-485	177
	with 10 serie 4.10 TCA 4.2 liters MWM engine	-	-	PRESTOLITE	5-485	177
7.100	com motor 4.10 T	03/1994	02/2002	BOSCH	531	014
		03/1994	02/2002	BOSCH	531	015
		03/1994	02/2002	BOSCH	631	027
8-100	com motor 4.10 T	03/1997	03/2000	BOSCH	531	014
		03/1997	03/2000	BOSCH	531	015
		03/1997	03/2000	BOSCH	631	027
8-150	Delivery com motor 4.08 TCE	10/2005	-	BOSCH	6-972	058
	OD com motor 4.10 TCA	01/2001	-	BOSCH	531	014
		01/2001	-	BOSCH	531	015
		01/2001	-	BOSCH	631	027
	com motor 4.10 TCA	03/2000	-	BOSCH	531	014
		03/2000	-	BOSCH	531	015
		03/2000	-	BOSCH	631	027
	com motor MWM serie 10 4.10 TCA 4.2 litros	-	-	PRESTOLITE	5-485	177
	with 10 serie 4.10 TCA 4.2 liters MWM engine	-	-	PRESTOLITE	5-485	177
8.120	com motor 4.10 TCA	10/2001	-	BOSCH	531	014
		10/2001	-	BOSCH	531	015
		10/2001	-	BOSCH	631	027
	com motor MWM serie 10 4.10 TCA 4.2 litros	-	-	PRESTOLITE	5-485	177
	with 10 serie 4.10 TCA 4.2 liters MWM engine	-	-	PRESTOLITE	5-485	177
8.140	CO/CE com motor 4.10 T	04/1994	01/2001	BOSCH	531	014
		04/1994	01/2001	BOSCH	531	015
		04/1994	01/2001	BOSCH	631	027
	com motor 4.10 T	03/1994	02/2000	BOSCH	531	014
		03/1994	02/2000	BOSCH	531	015
		03/1994	02/2000	BOSCH	631	027
9.150	OD com motor 4.10 TCA	11/2000	-	BOSCH	531	014
		11/2000	-	BOSCH	531	015
		11/2000	-	BOSCH	631	027
Amarok		01/2010	-	VALEO	3-498	195
B 16-180	com motor 6.10	09/1995	06/1997	BOSCH	536	016
		09/1995	06/1997	BOSCH	636	028
		09/1995	06/1997	BOSCH	9-636	028
Beetle	1.2 (Autom) with D engine	01/1960	12/1985	BOSCH	626	025
	1.6	01/1970	12/1979	BOSCH	2-873	052
	1.6 (Autom) with AD, AJ, AS engine	08/1972	12/1979	BOSCH	626	025
	2.0 com motor AEG	01/1998	-	BOSCH	972	057
	2.0 com motor AQY	11/1998	-	BOSCH	972	057

TABELA DE APLICAÇÃO
APPLICATION CHART

VOLKSWAGEN		de /from	until	M.Part./Starter	ZM	Pag.
Beetle		-	-	VALEO	5-492	188
Bora	1.6 Variant com motor AKL	05/1999	-	BOSCH	972	057
	1.6 com motor AKL	05/1999	-	BOSCH	972	057
		-	-	VALEO	5-492	188
		-	-	BOSCH	7-381	005
Brasília	1.3 com motor BK	10/1973	12/1981	BOSCH	571	020
		10/1973	12/1981	BOSCH	580	024
	1.6	01/1974	12/1983	BOSCH	2-873	052
	1.6 com motor BN	10/1973	12/1982	BOSCH	571	020
		10/1973	12/1982	BOSCH	580	024
	1300 com motor a álcool	-	12/1979	BOSCH	521	012
	1600 com motor a gasolina	-	12/1979	BOSCH	521	012
	com motor a gasolina	-	-	WAPSA	512	204
	com motor a álcool	-	-	WAPSA	512	204
		12/1967	04/1981	WAPSA	502	201
Bus	16.210 with 10 serie 6.10 TCA 6.4 liters MWM engine	-	-	PRESTOLITE	5-485	177
	17.210 OD with 10 serie 6.10 TCA 6.4 liters MWM engine	-	-	PRESTOLITE	5-485	177
	17.240 OD with 10 serie 6.10 TCA 6.4 liters MWM engine	-	-	PRESTOLITE	5-485	177
	8.150 OD with 10 serie 4.0 TCA 4.2 liters MWM engine	-	-	PRESTOLITE	5-485	177
	9.150 OD with 10 serie 4.0 TCA 4.2 liters MWM engine	-	-	PRESTOLITE	5-485	177
	with 4 cylindres MWM engine	-	-	PRESTOLITE	3-485	176
	with 6 cylindres MWM engine	-	-	PRESTOLITE	3-485	176
		-	-	DELCO REMY	427	076
Caddy	1.4	11/1995	01/2004	MARELLI	1-396	136
	1.6	11/1995	01/2004	MARELLI	1-396	136
	I 1.6 (Autom) with EW engine	08/1983	07/1992	BOSCH	576	023
	I Pick-up 1.6	01/1983	07/1992	BOSCH	4-773	045
	I Pick-up 1.8	08/1985	07/1992	BOSCH	4-773	045
	com motor 1.6	-	-	PRESTOLITE	3-482	173
	com motor 1.9	-	-	PRESTOLITE	3-482	173
	with 1.6 engine	-	-	PRESTOLITE	3-482	173
	with 1.9 engine	-	-	PRESTOLITE	3-482	173
		01/2004	-	BOSCH	381	003
California	2.5 D	-	-	VALEO	1-493	189
Caminhão	11.130	-	-	WAPSA	501	201
	13.130	-	-	WAPSA	501	201
	6 toneladas com motor MWM	-	-	WAPSA	501	201
	6.140 6 toneladas com motor a álcool	-	-	WAPSA	507	202
	6.80 6 toneladas com motor Perkins	-	-	WAPSA	503	201
	6.90	-	-	WAPSA	501	201
	6x4	-	-	WAPSA	501	201
	com motor Cummins C	-	-	DELCO REMY	3-452	079
	with Cummins C engine	-	-	DELCO REMY	3-452	079
		-	-	DELCO REMY	1-409	075
		-	-	DELCO REMY	1-840	092
Caravelle	1.8	01/1992	12/1995	BOSCH	2-873	052
	2.5	-	-	VALEO	1-493	189
	2.8 D	-	-	VALEO	1-493	189
		-	-	BOSCH	2-573	022
Combi	1.8	01/1987	12/2001	BOSCH	2-873	052
Constellation 18.310		-	-	DELCO REMY	1-409	075
		-	-	DELCO REMY	1-840	092
Constellation 24.280		-	-	DELCO REMY	1-408	072
		-	-	MITSUBISHI	2-897	161
		-	-	DELCO REMY	428	076
Corrado	Coupé 1.8 16V	04/1989	07/1992	BOSCH	4-773	045
	Coupé 1.8 G60	09/1988	09/1993	BOSCH	4-773	045
		-	-	VALEO	5-492	188
Crafter	2.0 TDI	01/2011	-	VALEO	3-498	195

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APPLICATION CHART

VOLKSWAGEN		de /from	until	M.Part./Starter	ZM	Pag.
CrossFox		-	-	BOSCH	382	006
Dasher	1.5 com motor XR	07/1973	07/1975	BOSCH	2-571	020
	1.5 com motor XW	07/1973	07/1975	BOSCH	2-571	020
	1.5 com motor XZ	07/1973	07/1975	BOSCH	2-571	020
	1.6 com motor YG	07/1975	07/1980	BOSCH	2-571	020
	1.6 com motor YH	07/1975	07/1980	BOSCH	2-571	020
	1.6 com motor YK	07/1975	07/1980	BOSCH	2-571	020
		-	-	BOSCH	525	013
Eos	2.0 TFSI	-	-	BOSCH	381	003
		01/2006	-	BOSCH	381	003
		-	-	BOSCH	8-381	005
Fox	1.0 16V com motor EA111	01/2004	-	BOSCH	1-972	057
		11/2003	-	VALEO	4-492	187
	1.6 com motor EA111	01/2004	-	BOSCH	1-972	057
		11/2003	-	VALEO	4-492	187
	302 with UM engine	10/1990	12/1997	BOSCH	1-773	044
	307 with UM engine	10/1990	12/1997	BOSCH	1-773	044
	309 with UM engine	10/1990	12/1997	BOSCH	1-773	044
		-	-	BOSCH	382	006
Fusca	1.6	01/1984	06/1996	BOSCH	879	054
	1200 1.2	01/1960	12/1985	BOSCH	2-873	052
	1300 1.3	01/1970	01/1973	BOSCH	2-873	052
	1302 1.2	08/1969	08/1972	BOSCH	2-873	052
	1302 1.3	08/1970	08/1972	BOSCH	2-873	052
	1302 1.6	01/1970	08/1972	BOSCH	2-873	052
	1303 1.2	07/1972	02/1976	BOSCH	2-873	052
	1303 1.3	08/1972	07/1975	BOSCH	2-873	052
	1303 1.6	08/1972	12/1979	BOSCH	2-873	052
	1500 1.5	08/1966	11/1973	BOSCH	2-873	052
	1500 1.6	07/1970	01/1973	BOSCH	2-873	052
	1600	05/1973	09/1992	BOSCH	2-873	052
	1600 i	10/1992	07/2003	BOSCH	2-873	052
	com motor 1300	01/1974	12/1979	BOSCH	571	020
		10/1970	12/1979	BOSCH	580	024
	com motor 1500	10/1970	10/1975	BOSCH	571	020
		10/1970	10/1975	BOSCH	580	024
	com motor 1600	01/1969	07/1982	BOSCH	571	020
		01/1969	07/1982	BOSCH	580	024
Gol	1.0 com motor UZB	10/1992	06/1996	BOSCH	879	054
	1.3	05/1980	09/1981	BOSCH	571	020
	1.3 com motor BY	05/1980	09/1981	BOSCH	571	020
		05/1980	09/1981	BOSCH	580	024
	1.6	07/1985	10/1989	BOSCH	571	020
	1.6 com motor a gasolina refrigerado a água	-	-	WAPSA	511	203
		-	-	WAPSA	516	205
	1.6 com motor a álcool refrigerado a água	-	-	WAPSA	511	203
		-	-	WAPSA	516	205
	1.6 com motor diesel	-	-	PRESTOLITE	4-485	176
	1.6 with BP engine	07/1982	08/1986	BOSCH	1-773	044
	1.6 with UN engine	07/1985	10/1989	BOSCH	1-773	044
	1.6 with diesel engine	-	-	PRESTOLITE	4-485	176
	1.8	02/1984	08/1987	BOSCH	571	020
		09/1987	05/1994	BOSCH	971	057
	1.8 com motor a gasolina refrigerado a água	-	-	WAPSA	515	205
	1.8 com motor a álcool refrigerado a água	-	-	WAPSA	515	205
	1.8 with UDD engine	02/1984	08/1987	BOSCH	1-773	044
	1.8i	03/1995	-	BOSCH	971	057
	1.9 com motor diesel	-	-	PRESTOLITE	4-485	176
	1.9 with diesel engine	-	-	PRESTOLITE	4-485	176

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APPLICATION CHART

VOLKSWAGEN		de /from	until	M.Part./Starter	ZM	Pag.
Gol	I 1.6	06/1993	12/1994	BOSCH	571	020
		11/1989	11/1994	BOSCH	871	051
	I 1.8	09/1987	05/1994	BOSCH	571	020
	I 2.0 GTI	11/1988	08/1994	BOSCH	571	020
		11/1988	08/1994	BOSCH	971	057
	II 1.0 Mi 16V com motor AFR	09/1997	04/1999	BOSCH	1-972	057
	II 1.0 Mi 16V with AFR engine	09/1997	04/1999	BOSCH	1-972	057
	II 1.0 Mi com motor AFZ	12/1996	08/1999	BOSCH	1-972	057
	II 1.0 Mi com motor ASF	09/1998	12/2001	BOSCH	1-972	057
	II 1.0 Mi with AFZ engine	12/1996	08/1999	BOSCH	1-972	057
	II 1.0 Mi with ASF engine	09/1998	12/2001	BOSCH	1-972	057
	II 1.0i com motor UZC	09/1994	11/1996	BOSCH	879	054
	II 1.6 Mi com motor UND	10/1996	08/1999	BOSCH	971	057
	II 1.6i	03/1995	04/2002	BOSCH	971	057
	II 1.6i com motor UNC	08/1994	09/1996	BOSCH	971	057
	II 1.6i com motor UPC	08/1994	09/1996	BOSCH	971	057
	II 1.8 Mi com motor UDD	10/1996	08/1999	BOSCH	971	057
	II 1.8i com motor UED	06/1994	01/1997	BOSCH	971	057
	II 2.0 Mi com motor UQG	10/1996	08/1999	BOSCH	971	057
	II 2.0i com motor URC	09/1994	01/1997	BOSCH	971	057
	III 1.0 Mi 16V com motor AFR	05/1999	08/2001	BOSCH	1-972	057
	III 1.0 Mi 16V with AFR engine	05/1999	08/2001	BOSCH	1-972	057
	III 1.0 Mi com motor AFZ	09/1999	08/2001	BOSCH	1-972	057
	III 1.0 Mi with AFZ engine	09/1999	08/2001	BOSCH	1-972	057
	III 1.8 Mi	09/1999	09/2003	BOSCH	971	057
	III 2.0 Mi	09/1999	05/2002	BOSCH	971	057
	com motor AP827 1.6	-	-	PRESTOLITE	4-485	176
	com motor AP827 1.8	-	-	PRESTOLITE	4-485	176
	com motor AP827 2.0	-	-	PRESTOLITE	4-485	176
	com motor Mille 1.0	-	-	PRESTOLITE	4-485	176
	com motor refrigerado a ar	-	-	WAPSA	512	204
	with AP827 1.6 engine	-	-	PRESTOLITE	4-485	176
	with AP827 1.8 engine	-	-	PRESTOLITE	4-485	176
	with AP827 2.0 engine	-	-	PRESTOLITE	4-485	176
	with Mille 1.0 engine	-	-	PRESTOLITE	4-485	176
		-	-	VALEO	4-492	187
		-	-	BOSCH	382	006
Golf	1.4 16V	10/2003	-	VALEO	1-498	195
	1.4 FSI	10/2003	-	VALEO	1-498	195
	1.6 FSI	10/2003	-	VALEO	1-498	195
	1.6 motor EA111	02/1999	-	BOSCH	972	057
		03/1999	-	VALEO	4-492	187
	1.8 motor ACC	10/1992	-	BOSCH	573	021
		08/1990	10/1991	BOSCH	573	021
	A2 STD	01/1987	12/1992	BOSCH	4-773	045
	A3	-	-	BOSCH	972	057
	A4	-	-	BOSCH	972	057
	C 1.8 STD	01/1987	12/1993	BOSCH	4-773	045
	CL 1.8 STD	01/1987	12/1993	BOSCH	4-773	045
	GL 1.8 STD	01/1987	12/1992	BOSCH	4-773	045
	I 1.5 (Autom) with JB engine	08/1977	07/1983	BOSCH	576	023
	I 1.5 Cabrio (Autom) with JB engine	01/1979	11/1983	BOSCH	576	023
	I 1.6 (Autom) with EG engine	08/1979	07/1982	BOSCH	576	023
	I 1.6 (Autom) with EW engine	08/1983	04/1992	BOSCH	576	023
	I 1.6 (Autom) with PN, EZ, EZA, RF engine	08/1983	-	BOSCH	576	023
	I 1.6 Cabrio (Autom) with EG engine	08/1979	07/1982	BOSCH	576	023
	I 1.6 Cabrio (Autom) with EW engine	08/1983	04/1992	BOSCH	576	023
	I 1.6 Cabrio (Autom) with RE engine	04/1986	-	BOSCH	576	023
	I 1.6 GTI (Autom) with EG engine	08/1976	07/1982	BOSCH	576	023

TABELA DE APLICAÇÃO
APPLICATION CHART

VOLKSWAGEN		de /from	until	M.Part./Starter	ZM	Pag.
Golf	I 1.8 (Autom) with 2H engine	08/1989	03/1993	BOSCH	576	023
	I 1.8 (Autom) with EX engine	08/1983	09/1992	BOSCH	576	023
	I 1.8 (Autom) with JH engine	08/1983	04/1992	BOSCH	576	023
	I 1.8 Cabrio (Autom) with 2H engine	08/1989	03/1993	BOSCH	576	023
	I 1.8 Cabrio (Autom) with EX engine	08/1983	09/1992	BOSCH	576	023
	I 1.8 Cabrio (Autom) with JH engine	08/1983	04/1992	BOSCH	576	023
	I Cabriolet 1.6	08/1983	04/1992	BOSCH	4-773	045
	I Cabriolet 1.8	08/1982	04/1993	BOSCH	4-773	045
	II 1.6 (Autom) with EZ/ HM engine	08/1983	08/1991	BOSCH	576	023
	II 1.6 (Autom) with PN engine	10/1986	12/1992	BOSCH	576	023
	II 1.6 (Autom) with RF (CAT) engine	02/1986	10/1991	BOSCH	576	023
	II Hatchback 1.6	08/1983	12/1992	BOSCH	4-773	045
	II Hatchback 1.8	08/1984	10/1991	BOSCH	4-773	045
	II Hatchback 1.8 GTI	08/1984	10/1991	BOSCH	4-773	045
	II Hatchback 1.8 GTI 16V	02/1986	10/1991	BOSCH	4-773	045
	II Hatchback 1.8 GTI CAT	01/1987	10/1991	BOSCH	4-773	045
	II Hatchback 1.8 Syncro	08/1986	07/1991	BOSCH	4-773	045
	II Hatchback 1.8i CAT	08/1987	10/1991	BOSCH	4-773	045
	II Hatchback 1.8i Syncro CAT	08/1987	10/1991	BOSCH	4-773	045
	III 1.8 com motor ABS	11/1991	09/1994	BOSCH	972	057
	III 1.8 com motor ACC	12/1994	03/1995	BOSCH	972	057
	III 1.8 com motor ADZ	10/1994	03/1995	BOSCH	972	057
	III 2.0 Syncro com motor AGG	10/1995	12/1997	BOSCH	972	057
	IV 1.8 4 Motion com motor AGN	07/1998	10/2000	BOSCH	972	057
	IV 1.8 GTI Turbo com motor AGU	08/1999	-	BOSCH	972	057
	IV 1.8 Variant com motor AGU	05/2000	-	BOSCH	972	057
	IV 1.8 com motor AGN	10/1997	10/2000	BOSCH	972	057
	IV 1.8 com motor AGU	10/1997	-	BOSCH	972	057
	IV 1.8 com motor ARZ	05/1999	09/2000	BOSCH	972	057
	IV 1.8 com motor AUM	09/2000	-	BOSCH	972	057
	IV 1.9 TDI com motor AGR	10/1997	11/2001	BOSCH	972	057
	IV 1.9 TDI com motor AHF	10/1997	11/2001	BOSCH	972	057
	IV 1.9 TDI com motor ALH	10/1997	11/2001	BOSCH	972	057
	IV 2.0 Variant com motor APK	05/1999	-	BOSCH	972	057
	IV 2.0 Variant com motor AQY	05/1999	-	BOSCH	972	057
	IV 2.0 com motor APK	08/1999	-	BOSCH	972	057
	IV 2.0 com motor AQY	08/1998	-	BOSCH	972	057
	IV 2.0 com motor AZG	05/2001	-	BOSCH	972	057
	IV 2.0 com motor AZJ	05/2001	-	BOSCH	972	057
	IV 2.0i com motor APK	02/1999	-	BOSCH	972	057
	V 1.4 TSI	01/2008	12/2014	BOSCH	381	003
	V 2.0 TSI	01/2009	12/2013	BOSCH	381	003
	com motor 1.8 Nafta	-	-	PRESTOLITE	3-482	173
	with 1.8 Nafta engine	-	-	PRESTOLITE	3-482	173
		-	-	VALEO	5-492	188
		01/2003	-	BOSCH	381	003
		-	-	BOSCH	382	006
		-	-	BOSCH	8-381	005
Iltis	1.7 com motor YX	01/1979	12/1988	BOSCH	2-571	020
Jetta	1.5 (autom) with JB engine	08/1979	12/1983	BOSCH	576	023
	1.6 (autom) with EZ/ HM engine	01/1984	08/1991	BOSCH	576	023
	1.6 (autom) with FR engine	08/1980	12/1983	BOSCH	576	023
	1.6 (autom) with PN engine	10/1986	10/1991	BOSCH	576	023
	1.6 (autom) with RF (CAT) engine	03/1986	-	BOSCH	576	023
	1.6 GLI (autom) with EG engine	08/1979	07/1982	BOSCH	576	023
	A2 STD	01/1987	12/1992	BOSCH	4-773	045
	A3	-	-	BOSCH	972	057
	A4	-	-	BOSCH	972	057
	II 1.6	01/1984	07/1992	BOSCH	4-773	045

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APPLICATION CHART

VOLKSWAGEN		de /from	until	M.Part./Starter	ZM	Pag.
Jetta	II 1.8	01/1984	10/1991	BOSCH	4-773	045
	II 1.8 16V	08/1986	10/1991	BOSCH	4-773	045
	II 1.8 CAT	01/1987	10/1991	BOSCH	4-773	045
	II 1.8 Syncro	08/1987	07/1991	BOSCH	4-773	045
	III 1.6 FSI	09/2005	-	VALEO	1-498	195
	V 1.4	-	-	BOSCH	381	003
	V 2.0	-	-	BOSCH	381	003
	V 2.5	-	-	BOSCH	381	003
		-	-	VALEO	5-492	188
		01/2005	-	BOSCH	381	003
		-	-	BOSCH	8-381	005
Kaefer	1302 1.6	07/1970	06/1979	BOSCH	2-873	052
	1303 1.2	04/1975	12/1979	BOSCH	2-873	052
	1303 1.3	07/1970	03/1981	BOSCH	2-873	052
	1303 1.6	07/1970	06/1979	BOSCH	2-873	052
	1500 1.5	01/1966	12/1970	BOSCH	2-873	052
Karman Ghia	1600	01/1970	07/1974	BOSCH	2-873	052
		01/1970	12/1972	BOSCH	571	020
		01/1970	12/1972	BOSCH	580	024
	TC 1600 com motor de partida 9 000 082 009	-	-	BOSCH	521	012
		12/1967	04/1981	WAPSA	502	201
Kombi	1.6 com motor UG	01/1984	12/1997	BOSCH	879	054
	1.6 com motor UK	01/1984	01/1998	BOSCH	879	054
	1.6i com motor UGA	01/1998	-	BOSCH	879	054
	1.6i com motor UKA	11/1997	-	BOSCH	879	054
	1.8	01/1987	12/2001	BOSCH	2-873	052
	1500	-	-	BOSCH	521	012
	1600 com motor a gasolina	-	12/1979	BOSCH	521	012
	1600 com motor a álcool	-	12/1979	BOSCH	521	012
	com motor 1.6 diesel	-	-	WAPSA	513	204
	com motor a gasolina	-	-	WAPSA	512	204
	com motor a álcool	-	-	WAPSA	512	204
		12/1967	04/1981	WAPSA	502	201
		-	-	BOSCH	382	006
L 80	com motor 4.10 TCA	08/1996	10/1997	BOSCH	536	016
		08/1996	10/1997	BOSCH	636	028
		08/1996	10/1997	BOSCH	9-636	028
LT 28	with CL, CH engine	05/1975	11/1982	BOSCH	625	025
LT 31	with CL, CH engine	05/1975	11/1982	BOSCH	625	025
LT 35	with CL, CH engine	05/1975	11/1982	BOSCH	625	025
Logus	com motor Audi 1.6	-	-	PRESTOLITE	3-482	173
	com motor Audi 1.8	-	-	PRESTOLITE	3-482	173
	with 1.6 Audi engine	-	-	PRESTOLITE	3-482	173
	with 1.8 Audi engine	-	-	PRESTOLITE	3-482	173
Lupo	1.0	09/1998	07/2005	MARELLI	1-396	136
	1.4	10/2000	07/2005	MARELLI	1-396	136
Mini Bus	1.9L	01/1985	-	BOSCH	476	010
	2.1L	01/1986	-	BOSCH	476	010
	E com motor Cummins 6B eletrônico 5.9 litros	-	-	PRESTOLITE	3-485	176
	E with 6B eletronic 5.9 liters Cummins engine	-	-	PRESTOLITE	3-485	176
Multivan	2.5	-	-	VALEO	1-493	189
	2.8 D	-	-	VALEO	1-493	189
		-	-	BOSCH	2-573	022
New Beetle	2.5	-	-	BOSCH	381	003
		-	-	BOSCH	8-381	005
P100501	com motor de partida Delco Remy 37 MT	-	-	DELCO REMY	3-452	079
	with 37 MT Delco Remy starter	-	-	DELCO REMY	3-452	079
P100502	com motor de partida Delco Remy 37 MT	-	-	DELCO REMY	3-452	079
	with 37 MT Delco Remy starter					

TABELA DE APLICAÇÃO
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VOLKSWAGEN		de /from	until	M.Part./Starter	ZM	Pag.
P100502	with 37 MT Delco Remy starter	-	-	DELCO REMY	3-452	079
Panel	1.8	01/1988	12/1994	BOSCH	2-873	052
Parati	1.6 com motor UN	04/1994	12/1995	BOSCH	971	057
	1.6 com motor UP	04/1994	12/1995	BOSCH	971	057
	1.8 com motor UD	04/1994	12/1995	BOSCH	971	057
	1.8 com motor UE	04/1994	12/1995	BOSCH	971	057
	I 1.6	11/1984	12/1995	BOSCH	571	020
		11/1989	08/1993	BOSCH	871	051
	I 1.8	09/1988	12/1995	BOSCH	571	020
		09/1988	12/1995	BOSCH	971	057
	II 1.0 Mi 16V com motor AFR	08/1997	08/2001	BOSCH	1-972	057
	II 1.0 Mi 16V with AFR engine	08/1997	08/2001	BOSCH	1-972	057
	II 1.6 Mi com motor UND	10/1996	07/1999	BOSCH	971	057
	II 1.6 Mi com motor UPD	01/1997	07/1999	BOSCH	971	057
	II 1.6i com motor UNC	08/1995	09/1996	BOSCH	971	057
	II 1.6i com motor UPC	08/1995	09/1996	BOSCH	971	057
	II 1.8 Mi com motor UDD	10/1996	07/1999	BOSCH	971	057
	II 1.8 Mi com motor UED	01/1997	07/1999	BOSCH	971	057
	II 1.8i com motor UDB	08/1995	08/1996	BOSCH	971	057
	II 1.8i com motor UED	08/1997	01/1999	BOSCH	971	057
	II 2.0 Mi com motor UQG	10/1996	07/1999	BOSCH	971	057
	II 2.0 Mi com motor URE	01/1997	07/1999	BOSCH	971	057
	II 2.0i	08/1985	12/1996	BOSCH	971	057
	II 2.0i com motor UQD	08/1995	09/1996	BOSCH	971	057
	II 2.0i com motor URC	08/1995	01/1997	BOSCH	971	057
	III 1.0 16V Turbo com motor ASW	06/2000	08/2001	BOSCH	1-972	057
	III 1.0 16V Turbo with ASW engine	06/2000	08/2001	BOSCH	1-972	057
	III 1.0 Mi 16V	05/1999	08/2001	BOSCH	1-972	057
	III 1.6 Mi com motor UND	08/1999	-	BOSCH	971	057
	III 1.6 Mi com motor UPD	08/1999	-	BOSCH	971	057
	III 1.8 Mi com motor UDD	08/1999	-	BOSCH	971	057
	III 1.8 Mi com motor UED	08/1999	-	BOSCH	971	057
	III 2.0 Mi	08/1999	08/2005	BOSCH	971	057
	III 2.0 Mi com motor UQG	08/1999	-	BOSCH	971	057
	III 2.0 Mi com motor URE	08/1999	-	BOSCH	971	057
	com motor 1.6 gasolina refrigerado a água	-	-	WAPSA	511	203
		-	-	WAPSA	516	205
	com motor 1.6 álcool refrigerado a água	-	-	WAPSA	511	203
		-	-	WAPSA	516	205
Passat	1.3L	07/1973	01/1978	BOSCH	2-571	020
	1.5L com motor BR	08/1979	07/1982	BOSCH	2-571	020
		08/1979	07/1982	BOSCH	571	020
		08/1979	07/1982	BOSCH	580	024
	1.5L com motor ZC	07/1973	08/1975	BOSCH	2-571	020
	1.5L com motor a gasolina	-	07/1979	BOSCH	525	013
	1.5L com motor a álcool	-	07/1979	BOSCH	525	013
	1.6 D with RA,SB 1588CCM engine	01/1988	12/1991	PRESTOLITE	716	178
	1.6 TD with RA,SB 1588CCM engine	01/1988	12/1991	PRESTOLITE	716	178
	1.6L	09/1975	09/1980	BOSCH	2-571	020
		10/1996	11/2000	BOSCH	5-773	045
		05/1982	06/1989	BOSCH	571	020
		05/1982	12/1983	BOSCH	580	024
		10/1996	11/2000	BOSCH	6-773	045
	1.6L com motor a gasolina	-	07/1979	BOSCH	525	013
	1.6L com motor a gasolina refrigerado a água	-	-	WAPSA	511	203
		-	-	WAPSA	516	205
	1.6L com motor a álcool	-	07/1979	BOSCH	525	013
	1.6L com motor a álcool refrigerado a água	-	-	WAPSA	511	203
		-	-	WAPSA	516	205

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VOLKSWAGEN		de /from	until	M.Part./Starter	ZM	Pag.
Passat	1.8 T	10/1996	11/2000	BOSCH	5-773	045
		10/1996	11/2000	BOSCH	6-773	045
	1.8L	02/1988	08/1996	BOSCH	4-773	045
		10/1996	11/2000	BOSCH	5-773	045
		08/1984	06/1989	BOSCH	571	020
		10/1996	11/2000	BOSCH	6-773	045
	1.8L 4motion	10/1996	11/2000	BOSCH	5-773	045
		10/1996	11/2000	BOSCH	6-773	045
	1.8L Syncro	10/1996	11/2000	BOSCH	5-773	045
		10/1996	11/2000	BOSCH	6-773	045
	1.9 D with AAZ,1Y engine	01/1990	12/1992	PRESTOLITE	716	178
	1.9 TD with AAZ,1Y engine	01/1990	12/1991	PRESTOLITE	716	178
	2.0 com motor AEP	10/1994	03/1997	BOSCH	972	057
	2.0 com motor AGG	07/1995	03/1997	BOSCH	972	057
	2.0 with HP, JS engine	08/1984	03/1988	MITSUBISHI	690	147
	2.0L	02/1990	08/1996	BOSCH	4-773	045
	2.0L 16V	08/1988	09/1993	BOSCH	4-773	045
	2.0L Syncro with HP, JS engine	08/1984	03/1988	MITSUBISHI	690	147
	2.0L com motor 2E	08/1990	07/1991	BOSCH	573	021
		11/1991	09/1994	BOSCH	972	057
	2.0L com motor ADY	10/1994	12/1995	BOSCH	972	057
	2.2 with KX, HY, KV, JT engine	08/1984	03/1988	MITSUBISHI	690	147
	2.8L V6 GLS	01/2002	-	BOSCH	7-773	045
	2.8L V6 GLX	01/2002	-	BOSCH	7-773	045
	II 1.6L	-	-	PRESTOLITE	471	172
	II 1.8L Syncro	-	-	PRESTOLITE	471	172
	II 1.8L I	-	-	PRESTOLITE	471	172
	Variant 1.6L	06/1997	11/2000	BOSCH	5-773	045
		06/1997	11/2000	BOSCH	6-773	045
	Variant 1.8 T	06/1997	11/2000	BOSCH	5-773	045
		06/1997	11/2000	BOSCH	6-773	045
	Variant 1.8L	02/1988	05/1997	BOSCH	4-773	045
		06/1997	11/2000	BOSCH	5-773	045
		06/1997	11/2000	BOSCH	6-773	045
	Variant 1.8L 4motion	06/1997	11/2000	BOSCH	5-773	045
		06/1997	11/2000	BOSCH	6-773	045
	Variant 1.8L Syncro	06/1997	11/2000	BOSCH	5-773	045
		06/1997	11/2000	BOSCH	6-773	045
	Variant 2.0L	02/1990	05/1997	BOSCH	4-773	045
	Variant 2.0L 16V	08/1988	09/1993	BOSCH	4-773	045
		-	-	VALEO	1-498	195
		-	-	VALEO	5-492	188
		01/2005	-	BOSCH	381	003
Pointer	1.6 L with AP827 engine	-	-	PRESTOLITE	716	178
	1.8 L with AP827 engine	-	-	PRESTOLITE	716	178
	2.0 L with AP827 engine	-	-	PRESTOLITE	716	178
	com motor Audi 1.6	-	-	PRESTOLITE	3-482	173
	com motor Audi 1.8	-	-	PRESTOLITE	3-482	173
	with 1.6 Audi engine	-	-	PRESTOLITE	3-482	173
	with 1.8 Audi engine	-	-	PRESTOLITE	3-482	173
Polo	1.0 16V com motor ARA	07/2002	-	BOSCH	972	057
	1.0 16V com motor EA111	03/2002	-	VALEO	4-492	187
	1.0L	10/1994	12/2001	MARELLI	1-396	136
	1.3L	10/1994	07/1995	MARELLI	1-396	136
	1.4L	08/1995	09/2001	MARELLI	1-396	136
	1.6 com motor BAH	05/2002	-	BOSCH	972	057
	1.6 com motor EA111	03/2002	-	VALEO	4-492	187
	1.6L	11/1995	09/2001	MARELLI	1-396	136
	1.6L with AP827 engine	-	-	PRESTOLITE	716	178

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VOLKSWAGEN		de /from	until	M.Part./Starter	ZM	Pag.
Polo	1.8L with AP827 engine	-	-	PRESTOLITE	716	178
	2.0 com motor BBX	05/2002	-	BOSCH	972	057
	Hatch/Sedan 1.9 com motor AP 1900	-	-	BOSCH	972	057
	Hatch/Sedan 1.9 com motor EA 188 SDI	-	-	BOSCH	972	057
	com motor Audi 1.6	-	-	PRESTOLITE	3-482	173
	com motor Audi 1.8	-	-	PRESTOLITE	3-482	173
	com motor diesel 1.9 D	-	-	PRESTOLITE	3-482	173
	with 1.6 Audi engine	-	-	PRESTOLITE	3-482	173
	with 1.8 Audi engine	-	-	PRESTOLITE	3-482	173
	with 1.9 D diesel engine	-	-	PRESTOLITE	3-482	173
		-	-	VALEO	1-498	195
		-	-	VALEO	5-492	188
		01/2009	-	BOSCH	381	003
Polo Sedan	1.0 16V com motor EA111	10/2002	-	VALEO	4-492	187
	1.6 com motor EA111	10/2002	-	VALEO	4-492	187
Quantum	1.8	09/1985	03/1994	BOSCH	571	020
	1.8 Mi com motor UDE	10/1996	01/1998	BOSCH	971	057
	1.8 Mi com motor UDJ	02/1998	12/2001	BOSCH	971	057
	1.8 Mi com motor UEE	01/1997	12/1998	BOSCH	971	057
	1.8 Mi com motor UEG	01/1999	12/2001	BOSCH	971	057
	1.8i	03/1993	09/1996	BOSCH	571	020
	1.8i com motor UDB	04/1994	09/1996	BOSCH	971	057
	1.8i com motor UEB	04/1994	12/1996	BOSCH	971	057
	2.0	09/1985	08/1994	BOSCH	571	020
	2.0 Mi com motor UQF	10/1996	08/1998	BOSCH	971	057
	2.0 Mi com motor UQH	09/1998	-	BOSCH	971	057
	2.0 Mi com motor URD	01/1997	08/1998	BOSCH	971	057
	2.0 Mi com motor URF	09/1998	-	BOSCH	971	057
	2.0i	01/1992	09/1996	BOSCH	571	020
	2.0i com motor UQC	09/1993	09/1996	BOSCH	875	053
		04/1994	09/1996	BOSCH	971	057
	2.0i com motor URA	09/1994	12/1996	BOSCH	875	053
		09/1994	12/1996	BOSCH	971	057
	2.2 Syncro with JT engine	01/1985	07/1988	MITSUBISHI	690	147
	com motor AP827 1.8	-	-	PRESTOLITE	4-485	176
	com motor AP827 2.0	-	-	PRESTOLITE	4-485	176
	with AP827 1.8 engine	-	-	PRESTOLITE	4-485	176
	with AP827 2.0 engine	-	-	PRESTOLITE	4-485	176
Rabbit	V 1.4 TSi	-	-	BOSCH	381	003
	V 2.0 GSi	-	-	BOSCH	381	003
	V 2.5 FSi	-	-	BOSCH	381	003
Routan	3.6L V6	01/2011	-	DENSO	1-665	102
SP	1600	08/1970	12/1980	BOSCH	571	020
		08/1970	12/1980	BOSCH	580	024
	1700	06/1972	12/1980	BOSCH	571	020
		06/1972	12/1980	BOSCH	580	024
SP-2		12/1967	04/1981	WAPSA	502	201
Santana	1.6 L	01/1983	12/1984	PRESTOLITE	471	172
	1.6 com motor WV	08/1981	07/1983	BOSCH	2-571	020
	1.6 com motor WVA	08/1981	07/1983	BOSCH	2-571	020
	1.6 com motor WY	08/1981	07/1983	BOSCH	2-571	020
	1.6 com motor YP	08/1981	12/1982	BOSCH	2-571	020
	1.8 L	02/1984	03/1994	BOSCH	571	020
		01/1983	12/1984	PRESTOLITE	471	172
	1.8 Mi com motor UDE	10/1996	01/1998	BOSCH	971	057
	1.8 Mi com motor UDJ	02/1998	-	BOSCH	971	057
	1.8 Mi com motor UEE	01/1997	12/1998	BOSCH	971	057
	1.8 Mi com motor UEG	01/1999	-	BOSCH	971	057
	1.8i	02/1993	09/1996	BOSCH	571	020

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VOLKSWAGEN		de /from	until	M.Part./Starter	ZM	Pag.
Santana	1.8i com motor UDB	04/1994	09/1996	BOSCH	971	057
	1.8i com motor UEB	04/1994	12/1996	BOSCH	971	057
	1.9 5S with WN, HP, JS, WE engine	08/1981	12/1984	MITSUBISHI	690	147
	2.0	02/1994	08/1994	BOSCH	571	020
	2.0 L I	01/1984	12/1989	PRESTOLITE	471	172
	2.0 Mi com motor UQF	10/1996	08/1998	BOSCH	971	057
	2.0 Mi com motor UQH	09/1998	-	BOSCH	971	057
	2.0 Mi com motor URD	11/2001	-	BOSCH	971	057
	2.0 Mi com motor URF	09/1998	-	BOSCH	971	057
	2.0 with WN, HP, JS, WE engine	08/1981	12/1984	MITSUBISHI	690	147
	2.0i	01/1990	09/1996	BOSCH	571	020
	2.0i com motor UQC	09/1993	09/1996	BOSCH	875	053
		04/1994	09/1996	BOSCH	971	057
	2.0i com motor URA	09/1994	12/1996	BOSCH	875	053
		09/1994	12/1996	BOSCH	971	057
	2.2 with WN, HP, JS, WE engine	08/1981	12/1984	MITSUBISHI	690	147
	com motor AP827 1.8	-	-	PRESTOLITE	4-485	176
	com motor AP827 2.0	-	-	PRESTOLITE	4-485	176
	with AP827 1.8 engine	-	-	PRESTOLITE	4-485	176
	with AP827 2.0 engine	-	-	PRESTOLITE	4-485	176
Saveiro	1.6 com motor BW	04/1993	07/1994	BOSCH	2-571	020
		08/1994	10/1996	BOSCH	971	057
	1.6 com motor UC	04/1993	07/1994	BOSCH	2-571	020
		08/1994	10/1996	BOSCH	971	057
	1.6 com motor diesel	-	-	PRESTOLITE	4-485	176
	1.6 with diesel engine	-	-	PRESTOLITE	4-485	176
	1.8 com motor UD	09/1994	10/1996	BOSCH	971	057
	1.8 com motor UE	09/1994	10/1996	BOSCH	971	057
	1.9 com motor diesel	-	-	PRESTOLITE	4-485	176
	1.9 with diesel engine	-	-	PRESTOLITE	4-485	176
	I 1.6	04/1993	11/1996	BOSCH	571	020
		11/1989	08/1993	BOSCH	871	051
	I 1.8	11/1989	11/1996	BOSCH	571	020
	II 1.6 Mi com motor UNB	11/1996	10/1997	BOSCH	971	057
	II 1.6 Mi com motor UND	07/1997	01/2000	BOSCH	971	057
	II 1.6 Mi com motor UPD	07/1997	01/2000	BOSCH	971	057
	II 1.8 Mi com motor UDD	07/1997	01/2000	BOSCH	971	057
	II 1.8 Mi com motor UED	11/1996	01/2000	BOSCH	971	057
	II 2.0 Mi com motor UQG	07/1997	01/2000	BOSCH	971	057
	II 2.0 Mi com motor URE	07/1997	01/2000	BOSCH	971	057
	III 1.6 Mi com motor UND	02/2000	-	BOSCH	971	057
	III 1.6 Mi com motor UPD	02/2000	-	BOSCH	971	057
	III 1.8 Mi com motor UDD	02/2000	-	BOSCH	971	057
	III 1.8 Mi com motor UED	02/2000	-	BOSCH	971	057
	III 2.0 Mi com motor UQG	02/2000	-	BOSCH	971	057
	III 2.0 Mi com motor URE	02/2000	-	BOSCH	971	057
	com motor 1.6 diesel	-	-	WAPSA	513	204
	com motor 1.6 gasolina refrigerado a água	-	-	WAPSA	511	203
		-	-	WAPSA	516	205
	com motor 1.6 álcool refrigerado a água	-	-	WAPSA	511	203
		-	-	WAPSA	516	205
	com motor AP827 1.6	-	-	PRESTOLITE	4-485	176
	com motor refrigerado a ar	-	-	WAPSA	512	204
	with AP827 1.6 engine	-	-	PRESTOLITE	4-485	176
		-	-	PRESTOLITE	471	172
		-	-	BOSCH	382	006
Scirocco	1.5 (Autom) with JB engine	08/1977	07/1980	BOSCH	576	023
	1.6 (Autom) with EG engine	08/1980	12/1983	BOSCH	576	023
	1.6 (Autom) with EW engine	06/1976	07/1980	BOSCH	576	023

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VOLKSWAGEN		de /from	until	M.Part./Starter	ZM	Pag.
Scirocco	1.6 (Autom) with FR engine	08/1980	07/1982	BOSCH	576	023
	1.6L Coupe	01/1983	07/1990	BOSCH	4-773	045
	1.8 (Autom) with DX, EV, PB engine	01/1983	12/1989	BOSCH	576	023
	1.8L 16V Coupe	10/1985	07/1989	BOSCH	4-773	045
	1.8L Coupe	08/1982	07/1992	BOSCH	4-773	045
	2.0 TSI	-	-	BOSCH	381	003
		-	-	VALEO	1-498	195
Sedan	1.6	01/1969	12/2003	BOSCH	2-873	052
	1300 com motor a gasolina	-	12/1979	BOSCH	521	012
	1300 com motor a álcool	-	12/1979	BOSCH	521	012
	1500 com motor a gasolina	-	-	BOSCH	521	012
	1600 com motor a gasolina	-	12/1979	BOSCH	521	012
	1600 com motor a álcool	-	12/1979	BOSCH	521	012
	com motor 1300	12/1967	04/1981	WAPSA	502	201
	com motor 1500	12/1967	04/1981	WAPSA	502	201
	com motor 1600	12/1967	04/1981	WAPSA	502	201
	com motor a gasolina	-	-	WAPSA	512	204
	com motor a álcool	-	-	WAPSA	512	204
Senda	1.6 com motor diesel	-	-	PRESTOLITE	4-485	176
	1.6 with diesel engine	-	-	PRESTOLITE	4-485	176
	1.9 com motor diesel	-	-	PRESTOLITE	4-485	176
	1.9 with diesel engine	-	-	PRESTOLITE	4-485	176
Sharan	2.0 com motor ATM	05/2000	-	BOSCH	972	057
		-	-	VALEO	5-492	188
SpaceFox	1.0 16V com motor EA111	01/2003	-	VALEO	4-492	187
	1.6 com motor EA111	01/2003	-	VALEO	4-492	187
		-	-	BOSCH	382	006
TC		12/1967	04/1981	WAPSA	502	201
TL		12/1967	04/1981	WAPSA	502	201
Tiguan		-	-	VALEO	1-498	195
Titan	17.310 com motor Cummins 6CTAA 8.3 litros	-	-	PRESTOLITE	5-485	177
	17.310 with 8.3 liters 6CTAA Cummins engine	-	-	PRESTOLITE	5-485	177
	18.310 com motor Cummins 6CTAA 8.3 litros	-	-	PRESTOLITE	5-485	177
	18.310 with 8.3 liters 6CTAA Cummins engine	-	-	PRESTOLITE	5-485	177
	23.310 com motor Cummins 6CTAA 8.3 litros	-	-	PRESTOLITE	5-485	177
	23.310 with 8.3 liters 6CTAA Cummins engine	-	-	PRESTOLITE	5-485	177
	26.310 com motor Cummins 6CTAA 8.3 litros	-	-	PRESTOLITE	5-485	177
	26.310 with 8.3 liters 6CTAA Cummins engine	-	-	PRESTOLITE	5-485	177
	com motor Cummins C	-	-	PRESTOLITE	3-485	176
	with C Cummins engine	-	-	PRESTOLITE	3-485	176
		-	-	SOLENOIDE DE PA	441	207
Touran	1.4 FSi	-	-	BOSCH	381	003
	1.4 TSi	-	-	BOSCH	381	003
		-	-	VALEO	1-498	195
		01/2003	-	BOSCH	381	003
Transporter	1.6 L	01/1979	11/1989	BOSCH	571	020
	1.6 L com motor UG	05/1979	07/1989	BOSCH	571	020
		05/1979	07/1989	BOSCH	580	024
	1.9 D	09/1990	-	VALEO	1-493	189
	1.9 TD	10/1992	-	VALEO	1-493	189
	2.4 D	09/1990	-	VALEO	1-493	189
	2.4 D Syncro	10/1992	-	VALEO	1-493	189
	2.5 Syncro	11/1992	-	VALEO	1-493	189
	2.5 TDi	09/1995	-	VALEO	1-493	189
	2.5 TDi Syncro	01/1996	-	VALEO	1-493	189
	2.5L	11/1990	-	VALEO	1-493	189
	2.8 V6	01/1996	-	VALEO	1-493	189
	2.8 VR6	11/1995	-	VALEO	1-493	189
	I 1.5L	07/1966	07/1967	BOSCH	2-873	052

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APPLICATION CHART

VOLKSWAGEN		de /from	until	M.Part./Starter	ZM	Pag.
Transporter	I 1.6L	08/1964	12/1968	BOSCH	2-873	052
	II 1.6L	08/1968	07/1979	BOSCH	2-873	052
	II 1.7L	08/1971	12/1973	BOSCH	2-873	052
	II 1.8L	11/1973	07/1975	BOSCH	2-873	052
	III 1.6 D Box with CS engine	01/1981	07/1987	BOSCH	876	053
	III 1.6 D Bus with CS engine	01/1981	07/1987	BOSCH	876	053
	III 1.6 D Flatbed / Chassis with CS engine	01/1981	07/1987	BOSCH	876	053
	III 1.6 TD Box with JX engine	10/1984	07/1992	BOSCH	876	053
	III 1.6 TD Bus with JX engine	08/1984	07/1992	BOSCH	876	053
	III 1.6 TD Flatbed / Chassis with JX engine	10/1984	07/1992	BOSCH	876	053
	III 1.6 TD Syncro Box with JX engine	03/1986	07/1992	BOSCH	876	053
	III 1.6 TD Syncro Bus with JX engine	03/1986	07/1992	BOSCH	876	053
	III 1.6 TD Syncro Flatbed / Chassis with JX engine	03/1986	07/1992	BOSCH	876	053
	III 1.7 D Box with KY engine	07/1989	07/1992	BOSCH	876	053
	III 1.7 D Flatbed / Chassis with KY engine	07/1989	07/1992	BOSCH	876	053
	III 1.7 TD Bus with KY engine	10/1986	07/1992	BOSCH	876	053
	III 1.9L Syncro with DG engine	08/1982	12/1986	BOSCH	676	037
	III 1.9L with DF engine	09/1982	12/1986	BOSCH	676	037
	III 1.9L with DG engine	08/1982	12/1986	BOSCH	676	037
	III 1.9L with DH engine	01/1983	07/1985	BOSCH	676	037
	III 1.9L with GW engine	08/1983	02/1989	BOSCH	676	037
	III 2.1L with DJ engine	03/1986	12/1986	BOSCH	676	037
	III 2.1L with MV engine	08/1985	05/1986	BOSCH	676	037
	IV 2.0L	07/1990	04/2003	BOSCH	4-773	045
	com motor BG	01/1984	11/1989	BOSCH	571	020
		01/1984	11/1989	BOSCH	580	024
		-	-	BOSCH	2-573	022
Truck		-	-	DELCO REMY	1-409	075
		-	-	DELCO REMY	1-840	092
Vanagon	1.9 L	01/1983	12/1985	BOSCH	476	010
	2.0 L	01/1983	-	BOSCH	476	010
	2.1 L	01/1986	-	BOSCH	476	010
Variant	1600	12/1969	12/1977	BOSCH	571	020
		12/1969	12/1977	BOSCH	580	024
	II	-	12/1979	BOSCH	521	012
	II 1600	01/1978	12/1981	BOSCH	571	020
		01/1978	12/1979	BOSCH	580	024
		12/1967	04/1981	WAPSA	502	201
Voyage	1.5 com motor BR	06/1981	04/1982	BOSCH	571	020
		06/1981	04/1982	BOSCH	580	024
	1.6	01/1984	09/1995	BOSCH	571	020
		11/1989	08/1993	BOSCH	871	051
	1.6 com motor UC	01/1984	10/1989	BOSCH	2-571	020
	1.6 com motor UN	06/1993	07/1994	BOSCH	2-571	020
		08/1994	09/1995	BOSCH	971	057
	1.6 com motor UP	06/1993	07/1994	BOSCH	2-571	020
	1.6 com motor a gasolina refrigerado a água	-	-	WAPSA	511	203
		-	-	WAPSA	516	205
	1.6 com motor a álcool refrigerado a água	-	-	WAPSA	511	203
		-	-	WAPSA	516	205
	1.8	09/1986	12/1995	BOSCH	571	020
		09/1986	12/1995	BOSCH	971	057
	1.8 com motor UD	04/1994	12/1995	BOSCH	971	057
		-	-	BOSCH	382	006
for truck Grid Heater	with 12V system	-	-	BOSCH	3-671	034
	with 24V system	-	-	BOSCH	4-671	035
		-	-	DELCO REMY	427	076
		-	-	DELCO REMY	429	078
para Grid Heater de	com sistema 12V	-	-	BOSCH	3-671	034

TABELA DE APLICAÇÃO
APPLICATION CHART

VOLKSWAGEN		de /from	until	M.Part./Starter	ZM	Pag.
para Grid Heater de caminhões	com sistema 24V	-	-	BOSCH	4-671	035
		-	-	DELCO REMY	427	076
		-	-	DELCO REMY	429	078
Ônibus	16.210 com motor MWM série 10 6.10 TCA 6.4 litros	-	-	PRESTOLITE	5-485	177
	17.210 OD com motor MWM série 10 6.10 TCA 6.4 litros	-	-	PRESTOLITE	5-485	177
	17.240 OD com motor MWM série 10 6.10 TCA 6.4 litros	-	-	PRESTOLITE	5-485	177
	8.150 OD com motor MWM série 10 4.0 TCA 4.2 litros	-	-	PRESTOLITE	5-485	177
	9.150 OD com motor MWM série 10 4.0 TCA 4.2 litros	-	-	PRESTOLITE	5-485	177
	com motor MWM 4 cilindros	-	-	PRESTOLITE	3-485	176
	com motor MWM 6 cilindros	-	-	PRESTOLITE	3-485	176
VOLVO		**de /from**	**until**	**M.Part./Starter**	**ZM**	**Pag.**
0	2.0 S with B20F engine	09/1972	08/1975	BOSCH	722	037
		09/1972	08/1975	BOSCH	728	039
	2.0 with B20A engine	08/1968	07/1974	BOSCH	722	037
		08/1968	07/1974	BOSCH	728	039
	Estate 2.0 S with B20A engine	08/1976	09/1979	BOSCH	722	037
		08/1976	09/1979	BOSCH	728	039
	Estate 2.0 S with B20F engine	08/1968	07/1974	BOSCH	722	037
		08/1968	07/1974	BOSCH	728	039
		08/1970	-	BOSCH	622	024
		08/1970	-	HITACHI	787	124
160		08/1970	-	BOSCH	622	024
		08/1970	-	HITACHI	787	124
240	2.0 with B19A engine	09/1978	08/1983	BOSCH	722	037
		09/1978	08/1983	BOSCH	728	039
	2.0 with B19ET engine	10/1982	08/1984	BOSCH	722	037
		10/1982	08/1984	BOSCH	728	039
	2.0 with B200K engine	08/1984	07/1985	BOSCH	722	037
		08/1984	07/1985	BOSCH	728	039
	2.1 Turbo with B21ET engine	08/1980	07/1984	BOSCH	722	037
		08/1980	07/1984	BOSCH	728	039
	2.1 with B21A engine	08/1975	07/1980	BOSCH	722	037
		08/1975	07/1980	BOSCH	728	039
	2.1 with B21E engine	08/1974	07/1980	BOSCH	722	037
		08/1974	07/1980	BOSCH	728	039
	2.3 with B230A engine	08/1984	07/1986	BOSCH	722	037
		08/1984	07/1986	BOSCH	728	039
	2.3 with B230E engine	08/1983	07/1985	BOSCH	722	037
		08/1983	07/1985	BOSCH	728	039
	2.3 with B230F engine	08/1986	07/1987	BOSCH	722	037
		08/1986	07/1987	BOSCH	728	039
	2.3 with B230K engine	08/1986	12/1988	BOSCH	722	037
		08/1986	12/1988	BOSCH	728	039
	2.3 with B23A engine	08/1980	07/1984	BOSCH	722	037
		08/1980	07/1984	BOSCH	728	039
	2.3 with B23E engine	08/1987	07/1980	BOSCH	722	037
		08/1987	07/1980	BOSCH	728	039
	2.3 with B23F engine	08/1986	12/1988	BOSCH	722	037
		08/1986	12/1988	BOSCH	728	039
	2.3i CAT with B230F engine	08/1986	07/1993	BOSCH	722	037
		08/1986	07/1993	BOSCH	728	039
	2.3i CAT with B23F engine	08/1986	07/1993	BOSCH	722	037
		08/1986	07/1993	BOSCH	728	039
	Kombi 2.0 with B19A engine	08/1976	01/1982	BOSCH	722	037
		08/1976	01/1982	BOSCH	728	039
	Kombi 2.0 with B19ET engine	10/1982	08/1984	BOSCH	722	037
		10/1982	08/1984	BOSCH	728	039
	Kombi 2.0 with B200E engine	08/1983	07/1993	BOSCH	722	037
		08/1983	07/1993	BOSCH	728	039
	Kombi 2.0 with B200K engine					

TABELA DE APLICAÇÃO
APPLICATION CHART

VOLVO		de /from	until	M.Part./Starter	ZM	Pag.
240	Kombi 2.0 with B200K engine	08/1984	07/1985	BOSCH	722	037
		08/1984	07/1985	BOSCH	728	039
	Kombi 2.0 with B20A engine	08/1974	07/1975	BOSCH	722	037
		08/1974	07/1975	BOSCH	728	039
	Kombi 2.1 Turbo with B21ET engine	08/1980	07/1985	BOSCH	722	037
		08/1980	07/1985	BOSCH	728	039
	Kombi 2.1 with B21A engine	08/1974	07/1975	BOSCH	722	037
		08/1974	07/1975	BOSCH	728	039
	Kombi 2.1 with B21E engine	08/1974	09/1979	BOSCH	722	037
		08/1974	09/1979	BOSCH	728	039
	Kombi 2.1 with B21F engine	08/1980	07/1984	BOSCH	722	037
		08/1980	07/1984	BOSCH	728	039
	Kombi 2.3 with B230A engine	08/1984	07/1986	BOSCH	722	037
		08/1984	07/1986	BOSCH	728	039
	Kombi 2.3 with B230E engine	08/1984	07/1985	BOSCH	722	037
		08/1984	07/1985	BOSCH	728	039
	Kombi 2.3 with B230F engine	08/1986	07/1987	BOSCH	722	037
		08/1986	07/1987	BOSCH	728	039
	Kombi 2.3 with B230K engine	08/1986	12/1988	BOSCH	722	037
		08/1986	12/1988	BOSCH	728	039
	Kombi 2.3 with B23A engine	08/1980	07/1984	BOSCH	722	037
		08/1980	07/1984	BOSCH	728	039
	Kombi 2.3 with B23E engine	08/1984	12/1988	BOSCH	722	037
		08/1984	12/1988	BOSCH	728	039
	Kombi 2.3i CAT with B230F engine	08/1986	07/1993	BOSCH	722	037
		08/1986	07/1993	BOSCH	728	039
	Series 2.3 L	01/1985	12/1987	HITACHI	787	124
	Series 2.4 L diesel	01/1980	12/1981	HITACHI	687	117
		01/1980	12/1981	HITACHI	783	123
		08/1970	-	BOSCH	622	024
		-	-	DELCO REMY	2-408	073
		-	-	MITSUBISHI	3-897	162
340	1.3	02/1976	07/1984	VALEO	595	199
	1.4	05/1981	07/1991	ISKRA	3-579	128
		02/1976	07/1984	VALEO	595	199
	2.0 wiht B19A, B200 engine	08/1979	07/1988	BOSCH	622	024
	2.0 with B19A engine	08/1983	07/1984	BOSCH	722	037
		08/1983	07/1984	BOSCH	728	039
	2.0 with B19A, B200 engine	08/1979	07/1988	HITACHI	787	124
	2.0 with B19E engine	08/1982	07/1984	BOSCH	722	037
		08/1982	07/1984	BOSCH	728	039
	2.0 with B200E engine	08/1986	07/1988	BOSCH	722	037
		08/1986	07/1988	BOSCH	728	039
	2.0 with B200F engine	08/1988	07/1989	BOSCH	722	037
		08/1988	07/1989	BOSCH	728	039
	2.0 with B200K engine	08/1984	07/1987	BOSCH	722	037
		08/1984	07/1987	BOSCH	728	039
	2.0i wiht B19A, B200 engine	08/1979	07/1988	BOSCH	622	024
	2.0i with B19A, B200 engine	08/1979	07/1988	HITACHI	787	124
	Saloon 2.0 with B19A engine	08/1983	07/1984	BOSCH	722	037
		08/1983	07/1984	BOSCH	728	039
	Saloon 2.0 with B19E engine	08/1983	07/1984	BOSCH	722	037
		08/1983	07/1984	BOSCH	728	039
	Saloon 2.0 with B200E engine	08/1984	07/1986	BOSCH	722	037
		08/1984	07/1986	BOSCH	728	039
	Saloon 2.0 with B200EA engine	08/1987	07/1988	BOSCH	722	037
		08/1987	07/1988	BOSCH	728	039
	Saloon 2.0 with B200F engine	08/1988	07/1989	BOSCH	722	037
		08/1988	07/1989	BOSCH	728	039
	Saloon 2.0 with B200K engine	08/1984	07/1990	BOSCH	722	037

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VOLVO		de /from	until	M.Part./Starter	ZM	Pag.
340	Saloon 2.0 with B200K engine	08/1984	07/1990	BOSCH	728	039
		08/1970	-	HITACHI	787	124
343	1.4	01/1979	12/1981	VALEO	595	199
		05/1981	-	BOSCH	622	024
		05/1981	-	HITACHI	787	124
		05/1991	07/1984	ISKRA	3-579	128
345		05/1981	-	BOSCH	622	024
		05/1981	-	HITACHI	787	124
360	2.0 with B19A engine	08/1983	07/1984	BOSCH	722	037
		08/1983	07/1984	BOSCH	728	039
	2.0 with B19E engine	08/1982	07/1984	BOSCH	722	037
		08/1982	07/1984	BOSCH	728	039
	2.0 with B200E engine	08/1986	07/1988	BOSCH	722	037
		08/1986	07/1988	BOSCH	728	039
	2.0 with B200F engine	08/1988	07/1989	BOSCH	722	037
		08/1988	07/1989	BOSCH	728	039
	2.0 with B200K engine	08/1984	07/1987	BOSCH	722	037
		08/1984	07/1987	BOSCH	728	039
	Saloon 2.0 with B19A engine	08/1983	07/1984	BOSCH	722	037
		08/1983	07/1984	BOSCH	728	039
	Saloon 2.0 with B19E engine	08/1983	07/1984	BOSCH	722	037
		08/1983	07/1984	BOSCH	728	039
	Saloon 2.0 with B200E engine	08/1986	07/1988	BOSCH	722	037
		08/1986	07/1988	BOSCH	728	039
	Saloon 2.0 with B200EA engine	08/1987	07/1988	BOSCH	722	037
		08/1987	07/1988	BOSCH	728	039
	Saloon 2.0 with B200F engine	08/1988	07/1989	BOSCH	722	037
		08/1988	07/1989	BOSCH	728	039
	Saloon 2.0 with B200K engine	08/1984	07/1990	BOSCH	722	037
		08/1984	07/1990	BOSCH	728	039
440	K 1.7 Turbo with B 18 FT engine	08/1988	12/1996	BOSCH	777	047
	K 1.7 with B 18 EP engine	09/1988	12/1996	BOSCH	777	047
	K 1.7 with B 18 F engine	08/1988	07/1989	BOSCH	777	047
	K 1.7 with B 18 FP engine	08/1989	12/1996	BOSCH	777	047
	K 1.7 with B 18 KP engine	09/1988	12/1996	BOSCH	777	047
460	L 1.7 Turbo with B 18 FT engine	08/1989	07/1996	BOSCH	777	047
	L 1.7 with B 18 EP engine	08/1989	07/1992	BOSCH	777	047
	L 1.7 with B 18 KP engine	09/1988	07/1996	BOSCH	777	047
480	E 1.7 Turbo with B 18 FT engine	08/1987	07/1996	BOSCH	777	047
	E 1.7 with B 18 E engine	08/1986	07/1988	BOSCH	777	047
	E 1.7 with B 18 EP engine	08/1989	07/1996	BOSCH	777	047
	E 1.7 with B 18 F engine	08/1987	07/1989	BOSCH	777	047
740	2.0 Injection with B200E engine	08/1991	08/1994	BOSCH	1-573	022
	2.0 with B19ET engine	12/1983	07/1984	BOSCH	722	037
		12/1983	07/1984	BOSCH	728	039
	2.0 with B200E engine	01/1987	08/1988	BOSCH	722	037
		01/1987	08/1988	BOSCH	728	039
	2.0 with B200ET engine	01/1986	08/1990	BOSCH	722	037
		01/1986	08/1990	BOSCH	728	039
	2.0 with B200G engine	08/1985	07/1992	BOSCH	722	037
		08/1985	07/1992	BOSCH	728	039
	2.0 with B200K engine	09/1988	08/1990	BOSCH	722	037
		09/1988	08/1990	BOSCH	728	039
	2.3 Turbo with B230ET engine	08/1985	12/1988	BOSCH	722	037
		08/1985	12/1988	BOSCH	728	039
	2.3 Turbo with B230FT engine	08/1989	07/1990	BOSCH	722	037
		08/1989	07/1990	BOSCH	728	039
	2.3 with B230A engine	08/1984	07/1986	BOSCH	722	037
		08/1984	07/1986	BOSCH	728	039

TABELA DE APLICAÇÃO
APPLICATION CHART

VOLVO		de /from	until	M.Part./Starter	ZM	Pag.
740	2.3 with B230E engine	08/1984	07/1988	BOSCH	722	037
		08/1984	07/1988	BOSCH	728	039
	2.3 with B230F engine	08/1987	07/1992	BOSCH	722	037
		08/1987	07/1992	BOSCH	728	039
	2.3 with B230K engine	08/1986	07/1988	BOSCH	722	037
		08/1986	07/1988	BOSCH	728	039
	2.3 with B234F engine	08/1988	08/1992	BOSCH	722	037
		08/1988	08/1992	BOSCH	728	039
	2.3 with B23A engine	08/1984	07/1990	BOSCH	722	037
		08/1984	07/1990	BOSCH	728	039
	2.3 with B23E engine	08/1983	07/1984	BOSCH	722	037
		08/1983	07/1984	BOSCH	728	039
	2.3 with B23E, B230 engine	08/1983	07/1985	HITACHI	787	124
	2.3i Turbo with B23E, B230 engine	08/1983	07/1985	HITACHI	787	124
	2.3i with B23E, B230 engine	08/1983	07/1985	HITACHI	787	124
	Kombi 2.0 with B200E engine	01/1987	08/1988	BOSCH	722	037
		01/1987	08/1988	BOSCH	728	039
	Kombi 2.0 with B200F engine	08/1989	07/1991	BOSCH	722	037
		08/1989	07/1991	BOSCH	728	039
	Kombi 2.0 with B200G engine	08/1985	02/1992	BOSCH	722	037
		08/1985	02/1992	BOSCH	728	039
	Kombi 2.0 with B200K engine	09/1988	08/1990	BOSCH	722	037
		09/1988	08/1990	BOSCH	728	039
	Kombi 2.3 Turbo with B230ET engine	08/1985	07/1988	BOSCH	722	037
		08/1985	07/1988	BOSCH	728	039
	Kombi 2.3 Turbo with B230FT engine	08/1989	07/1990	BOSCH	722	037
		08/1989	07/1990	BOSCH	728	039
	Kombi 2.3 Turbo with B230GT engine	08/1989	07/1990	BOSCH	722	037
		08/1989	07/1990	BOSCH	728	039
	Kombi 2.3 with B230A engine	08/1985	07/1986	BOSCH	722	037
		08/1985	07/1986	BOSCH	728	039
	Kombi 2.3 with B230E engine	08/1985	07/1988	BOSCH	722	037
		08/1985	07/1988	BOSCH	728	039
	Kombi 2.3 with B230F engine	08/1987	07/1992	BOSCH	722	037
		08/1987	07/1992	BOSCH	728	039
	Kombi 2.3 with B230K engine	09/1985	07/1990	BOSCH	722	037
		09/1985	07/1990	BOSCH	728	039
	Kombi 2.3 with B234F engine	07/1989	08/1992	BOSCH	722	037
		07/1989	08/1992	BOSCH	728	039
	Series 2.3 L	01/1985	-	HITACHI	787	124
760	2.3 Turbo with B230ET engine	08/1982	07/1984	BOSCH	722	037
		08/1982	07/1984	BOSCH	728	039
	2.3 Turbo with B23ET engine	08/1982	07/1984	BOSCH	722	037
		08/1982	07/1984	BOSCH	728	039
	2.3 with B230FT engine	08/1984	10/1988	BOSCH	722	037
		08/1984	10/1988	BOSCH	728	039
	Kombi 2.3 Turbo with B230ET engine	08/1984	08/1990	BOSCH	722	037
		08/1984	08/1990	BOSCH	728	039
	Series 2.3 L	01/1985	-	HITACHI	787	124
850	2.5 GLT com motor 5254 S Kat.	01/1991	08/1997	BOSCH	372	001
	2.5 TDI	05/1996	08/1997	BOSCH	3-773	044
	2.5 Turbo com motor B 5254 T Kat.	09/1996	08/1997	BOSCH	372	001
	R com motor B 5234 T4 Kat.	08/1995	07/1997	BOSCH	372	001
	T5 com motor B 5234 FT Kat.	09/1993	08/1996	BOSCH	372	001
	T5R com motor B 5234 T Kat.	09/1994	08/1997	BOSCH	372	001
940	2.0 Turbo with B200FT engine	04/1996	10/1998	BOSCH	722	037
		04/1996	10/1998	BOSCH	728	039
	2.0 with B200F engine	01/1992	07/1994	BOSCH	722	037
		01/1992	07/1994	BOSCH	728	039
	2.3 Turbo Interc. with B230FT4 engine	06/1995	08/1997	BOSCH	1-573	022

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VOLVO		de /from	until	M.Part./Starter	ZM	Pag.
940	2.3 Turbo Interc. with B230FT4 engine					
	2.3 Turbo Interc. with B230GK engine	09/1991	08/1997	BOSCH	1-573	022
	2.3 Turbo with B230FD Kat engine	09/1992	08/1995	BOSCH	1-573	022
	2.3 Turbo with B230FT engine	08/1990	07/1994	BOSCH	722	037
		08/1990	07/1994	BOSCH	728	039
	2.3 with B230F Kat engine	09/1994	08/1995	BOSCH	1-573	022
	2.3 with B230FB engine	08/1990	12/1994	BOSCH	722	037
		08/1990	12/1994	BOSCH	728	039
	2.3 with B230FD engine	08/1992	07/1994	BOSCH	722	037
		08/1992	07/1994	BOSCH	728	039
	2.3 with B230G engine	08/1990	12/1994	BOSCH	722	037
		08/1990	12/1994	BOSCH	728	039
	2.3 with B234F engine	08/1990	07/1991	BOSCH	722	037
		08/1990	07/1991	BOSCH	728	039
	2.3 with B234G engine	08/1990	07/1991	BOSCH	722	037
		08/1990	07/1991	BOSCH	728	039
	II 2.0 turbo with B200FT engine	04/1996	10/1998	BOSCH	722	037
		04/1996	10/1998	BOSCH	728	039
	II 2.3 Turbo with B230FT engine	08/1994	10/1998	BOSCH	722	037
		08/1994	10/1998	BOSCH	728	039
	II 2.3 with B230FB engine	08/1994	10/1998	BOSCH	722	037
		08/1994	10/1998	BOSCH	728	039
	II 2.3 with B230FD engine	08/1994	07/1995	BOSCH	722	037
		08/1994	07/1995	BOSCH	728	039
	II 2.3ti with B230FK engine	01/1995	10/1998	BOSCH	722	037
		01/1995	10/1998	BOSCH	728	039
	II Estate 2.0 Turbo with B200FT engine	04/1996	10/1998	BOSCH	722	037
		04/1996	10/1998	BOSCH	728	039
	II Estate 2.3 Turbo with B230FT engine	08/1994	10/1998	BOSCH	722	037
		08/1994	10/1998	BOSCH	728	039
	II Estate 2.3 with B230FB engine	08/1994	10/1998	BOSCH	722	037
		08/1994	10/1998	BOSCH	728	039
	II Estate 2.3 with B230FD engine	08/1994	07/1995	BOSCH	722	037
		08/1994	07/1995	BOSCH	728	039
	II Estate 2.3ti with B230FK engine	01/1995	10/1998	BOSCH	722	037
		01/1995	10/1998	BOSCH	728	039
	Kombi 2.0 Turbo with B200FT engine	01/1991	07/1995	BOSCH	722	037
		01/1991	07/1995	BOSCH	728	039
	Kombi 2.0 with B200F engine	01/1992	07/1994	BOSCH	722	037
		01/1992	07/1994	BOSCH	728	039
	Kombi 2.3 Turbo with B230FT engine	08/1990	07/1994	BOSCH	722	037
		08/1990	07/1994	BOSCH	728	039
	Kombi 2.3 with B230FB engine	08/1990	12/1990	BOSCH	722	037
		08/1990	12/1990	BOSCH	728	039
	Kombi 2.3 with B230FD engine	08/1992	07/1994	BOSCH	722	037
		08/1992	07/1994	BOSCH	728	039
	Kombi 2.3 with B234F engine	08/1990	07/1991	BOSCH	722	037
		08/1990	07/1991	BOSCH	728	039
960	2.0 with B204E engine	09/1990	08/1993	BOSCH	722	037
		09/1990	08/1993	BOSCH	728	039
	2.0 with B204FT engine	08/1990	09/1993	BOSCH	722	037
		08/1990	09/1993	BOSCH	728	039
	2.3 Turbo Interc. with B230FT Kat. engine	03/1993	08/1996	BOSCH	1-573	022
	2.3 Turbo Interc. with B230GK engine	09/1991	08/1997	BOSCH	1-573	022
	3.0 com motor B 6304 FS Kat.	09/1990	07/1998	BOSCH	372	001
	Kombi 2.0 with B204E engine	08/1990	09/1993	BOSCH	722	037
		08/1990	09/1993	BOSCH	728	039
	Kombi 2.0 with B204FT engine	08/1990	09/1993	BOSCH	722	037
		08/1990	09/1993	BOSCH	728	039
9700		-	-	DELCO REMY	1-408	072

TABELA DE APLICAÇÃO
APPLICATION CHART

VOLVO		de /from	until	M.Part./Starter	ZM	Pag.
9700		04/2001	-	DELCO REMY	8-408	074
		-	-	MITSUBISHI	2-897	161
		-	-	DELCO REMY	428	076
9900		-	-	DELCO REMY	1-408	072
		10/2001	-	DELCO REMY	8-408	074
		-	-	MITSUBISHI	2-897	161
		-	-	DELCO REMY	428	076
ACL 42	with VED 12, Volvo diesel engine	01/1994	12/2002	MITSUBISHI	2-842	158
ACL 64	B with Volvo VE D12B-345 engine	-	-	PRESTOLITE	486	177
	F with Volvo VE D12B-345 engine	-	-	PRESTOLITE	486	177
	FF with Volvo VE D12B-345 engine	-	-	PRESTOLITE	486	177
	with VED 12, Volvo diesel engine	01/1994	12/2002	MITSUBISHI	2-842	158
All Models (By Engine)	with D16, 16.1L Volvo diesel engine	01/2005	12/2006	MITSUBISHI	2-842	158
	with ISX, Cummins diesel engine	01/2002	12/2007	MITSUBISHI	2-842	158
B 12		01/1992	-	DELCO REMY	3-408	073
B 12 CH		-	-	BOSCH	902	054
		-	-	BOSCH	902	055
B 57	T	12/1974	12/1978	BOSCH	638	029
		12/1974	10/1980	BOSCH	638	029
BB 57	T	12/1974	12/1985	BOSCH	638	029
		12/1974	10/1978	BOSCH	638	029
BM	S950	01/1967	01/1975	BOSCH	3-903	056
	T800	01/1967	01/1975	BOSCH	3-903	056
	T801	01/1967	01/1975	BOSCH	3-903	056
	T814	01/1967	01/1975	BOSCH	3-903	056
C 202		10/1974	02/1989	BOSCH	622	024
		10/1974	02/1989	HITACHI	787	124
C 303		10/1974	02/1989	BOSCH	622	024
		10/1974	02/1989	HITACHI	787	124
C 304		10/1974	02/1989	BOSCH	622	024
		10/1974	02/1989	HITACHI	787	124
C30		10/2006	-	FORD	961	112
C70	T5 Coupe com motor B 5234 T3	09/1997	08/1998	BOSCH	372	001
Caminhões	com motor MWM	-	-	MITSUBISHI	2-897	161
		-	-	DELCO REMY	428	076
		-	-	DELCO REMY	1-408	072
		-	-	DELCO REMY	8-408	074
		-	-	DELCO REMY	9-408	074
		-	-	MITSUBISHI	2-897	161
		-	-	MITSUBISHI	4-897	162
		-	-	BOSCH	2-901	054
		-	-	BOSCH	2-902	055
		-	-	BOSCH	2-903	056
		-	-	DELCO REMY	428	076
F 4 F480	with TD 40 A engine	04/1978	12/1986	VALEO	598	200
F 84		01/1972	01/1975	BOSCH	3-903	056
F 85		12/1974	-	BOSCH	638	029
		01/1972	01/1975	BOSCH	3-903	056
F 86		01/1972	01/1975	BOSCH	3-903	056
F 87		01/1972	01/1975	BOSCH	3-903	056
FB 84		01/1972	01/1975	BOSCH	3-903	056
FB 85		01/1972	01/1975	BOSCH	3-903	056
FB 86		12/1974	-	BOSCH	638	029
		01/1972	01/1975	BOSCH	3-903	056
FB 87		01/1972	01/1975	BOSCH	3-903	056
FH	12-500	09/2001	-	DELCO REMY	8-408	074
		-	-	MITSUBISHI	2-897	161
		-	-	DELCO REMY	428	076
	12/340					

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APPLICATION CHART

VOLVO		de /from	until	M.Part./Starter	ZM	Pag.
FH	12/340	08/1993	-	DELCO REMY	3-408	073
		08/1993	-	DELCO REMY	8-408	074
		-	-	MITSUBISHI	2-897	161
		-	-	DELCO REMY	428	076
	12/380	08/1993	-	DELCO REMY	3-408	073
		08/1993	-	DELCO REMY	8-408	074
		-	-	MITSUBISHI	2-897	161
		-	-	DELCO REMY	428	076
	12/420	08/1993	-	DELCO REMY	3-408	073
		08/1993	-	DELCO REMY	8-408	074
		-	-	MITSUBISHI	2-897	161
		-	-	DELCO REMY	428	076
	12/460	08/1998	-	DELCO REMY	3-408	073
		08/1998	-	DELCO REMY	8-408	074
		-	-	MITSUBISHI	2-897	161
		-	-	DELCO REMY	428	076
	12/500	09/2001	-	DELCO REMY	3-408	073
	440	09/2005	-	DELCO REMY	8-408	074
		-	-	MITSUBISHI	2-897	161
		-	-	DELCO REMY	428	076
	460	01/2009	-	DELCO REMY	8-408	074
		-	-	MITSUBISHI	2-897	161
		-	-	DELCO REMY	428	076
	480	09/2005	-	DELCO REMY	8-408	074
		-	-	MITSUBISHI	2-897	161
		-	-	DELCO REMY	428	076
	500	09/2005	-	DELCO REMY	8-408	074
		-	-	MITSUBISHI	2-897	161
		-	-	DELCO REMY	428	076
	520	09/2005	-	DELCO REMY	8-408	074
		-	-	MITSUBISHI	2-897	161
		-	-	DELCO REMY	428	076
	540	01/2009	-	DELCO REMY	8-408	074
		-	-	MITSUBISHI	2-897	161
		-	-	DELCO REMY	428	076
		-	-	DELCO REMY	1-408	072
		01/2006	01/2009	MITSUBISHI	2-897	161
		01/2006	01/2009	DELCO REMY	428	076
FH 16	FH 16/520	-	-	DELCO REMY	2-428	077
	FH 16/540	-	-	DELCO REMY	2-428	077
	FH 16/550	-	-	DELCO REMY	2-428	077
	FH 16/610	-	-	DELCO REMY	2-428	077
		-	-	BOSCH	902	054
		-	-	BOSCH	902	055
FH12	com motor Cummins eletrônico 12.1 L.	-	-	DELCO REMY	1-409	075
		-	-	DELCO REMY	4-409	076
	with 12.1 liters Cummins engine.	-	-	DELCO REMY	1-409	075
		-	-	DELCO REMY	4-409	076
		-	-	BOSCH	902	054
		-	-	BOSCH	902	055
		08/1993	-	DELCO REMY	3-408	073
FL 12		-	-	BOSCH	902	054
		-	-	BOSCH	902	055
FM	12/340	08/1998	-	DELCO REMY	3-408	073
	12/380	08/1998	-	DELCO REMY	3-408	073
	12/420	08/1998	-	DELCO REMY	3-408	073
	12H/340	08/1998	-	DELCO REMY	3-408	073
	12H/380	08/1998	-	DELCO REMY	3-408	073
	12H/420	08/1998	-	DELCO REMY	3-408	073
	360	09/2005	-	DELCO REMY	8-408	074

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VOLVO		de /from	until	M.Part./Starter	ZM	Pag.
FM	360	-	-	MITSUBISHI	2-897	161
		-	-	DELCO REMY	428	076
	380	09/2005	-	DELCO REMY	8-408	074
		-	-	MITSUBISHI	2-897	161
		-	-	DELCO REMY	428	076
	400	09/2005	-	DELCO REMY	8-408	074
		-	-	MITSUBISHI	2-897	161
		-	-	DELCO REMY	428	076
	420	09/2005	-	DELCO REMY	8-408	074
		-	-	MITSUBISHI	2-897	161
		-	-	DELCO REMY	428	076
	440	09/2005	-	DELCO REMY	8-408	074
		-	-	MITSUBISHI	2-897	161
		-	-	DELCO REMY	428	076
	460	09/2005	-	DELCO REMY	8-408	074
		-	-	MITSUBISHI	2-897	161
		-	-	DELCO REMY	428	076
	480	09/2005	-	DELCO REMY	8-408	074
		-	-	MITSUBISHI	2-897	161
		-	-	DELCO REMY	428	076
	500	09/2005	-	DELCO REMY	8-408	074
		-	-	MITSUBISHI	2-897	161
		-	-	DELCO REMY	428	076
		08/1998	12/2001	BOSCH	2-735	041
		-	-	DELCO REMY	1-408	072
		-	-	DELCO REMY	8-408	074
		-	-	MITSUBISHI	4-897	162
FM 12		-	-	BOSCH	902	054
		-	-	BOSCH	902	055
		08/1998	09/2005	DELCO REMY	3-408	073
FM 12H		12/2001	09/2005	DELCO REMY	3-408	073
FM 7	250	08/1998	12/2001	BOSCH	2-735	041
	290	08/1998	12/2001	BOSCH	2-735	041
K Series		-	-	DELCO REMY	1-950	098
L25B		-	-	ISKRA	1-579	128
L30B		-	-	ISKRA	1-579	128
LM		-	-	MITSUBISHI	4-897	162
LM 1240		02/1975	06/1979	BOSCH	638	029
LM 218	DT	-	-	BOSCH	2-901	054
		-	-	BOSCH	2-902	055
		-	-	BOSCH	2-903	056
N 7		01/1975	12/1976	BOSCH	638	029
		09/1973	01/1975	BOSCH	3-903	056
NH12	com motor Cummins eletrônico 12.1 L.	-	-	DELCO REMY	1-409	075
		-	-	DELCO REMY	4-409	076
	with 12.1 liters Cummins engine.	-	-	DELCO REMY	1-409	075
		-	-	DELCO REMY	4-409	076
		-	-	BOSCH	902	054
		-	-	BOSCH	902	055
Penta Marine	AQD 11 C	07/1975	-	BOSCH	2-629	026
	MD 11 C	07/1975	05/1981	BOSCH	2-629	026
	MD 11 C/HY	07/1975	05/1981	BOSCH	2-629	026
	MD 11 D	06/1981	-	BOSCH	2-629	026
	MD 17 C	11/1975	-	BOSCH	2-629	026
	MD 17 D	11/1975	-	BOSCH	2-629	026
	MD 3 B	05/1971	10/1975	BOSCH	2-629	026
	all models AQ125B	-	-	HITACHI	785	124
	all models AQ131A	-	-	HITACHI	785	124
	all models AQ145B	01/1979	12/1985	HITACHI	785	124

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VOLVO		de /from	until	M.Part./Starter	ZM	Pag.
Penta Marine	all models AQ171A	-	-	HITACHI	785	124
	various models 3.0 L	01/1995	12/1997	DELCO REMY	1-860	093
	various models 4.3 L	01/1995	12/1998	DELCO REMY	1-860	093
	various models 5.0 L	01/1998	12/1998	DELCO REMY	1-860	093
	various models 5.7 L	01/1996	12/1998	DELCO REMY	1-860	093
	various models 7.4 L	01/1996	12/1998	DELCO REMY	1-860	093
	various models 8.2 L	01/1996	12/1998	DELCO REMY	1-860	093
S40	1.8 16V com motor B 4184 S	09/1995	07/2000	BOSCH	372	001
		09/1997	07/2000	BOSCH	372	001
	1.8 GDI	01/1997	12/2001	MITSUBISHI	7-698	152
	2.0 16V Turbo com motor B 4204 T	04/1998	07/1999	BOSCH	372	001
	2.0i 16V com motor B 4204 S	09/1995	07/1999	BOSCH	372	001
	I 1.9 DI with D 4192 T2 engine	03/1999	07/2000	VALEO	3-491	185
	I 1.9 DI with D 4192 T3 engine	07/2000	12/2003	VALEO	3-491	185
	I 1.9 DI with D 4192 T4 engine	07/2000	12/2003	VALEO	3-491	185
	I 1.9 TD with D 4192 T engine	07/1995	08/1999	VALEO	3-491	185
	II 1.6	01/2005	-	BOSCH	1-371	000
	T4 com motor B 4194 T	05/1997	07/1999	BOSCH	372	001
		04/2004	-	FORD	961	112
S60		04/2010	-	FORD	961	112
S70	2.3 com motor B 5234 T2	01/1997	07/1998	BOSCH	372	001
	2.5 20V com motor B 5254 S	01/1997	07/1998	BOSCH	372	001
	T5 com motor B 5234 T3	01/1997	07/1998	BOSCH	372	001
S80	2.8 T6 com motor B 6284 T	06/1998	08/2001	BOSCH	372	001
	2.9L com motor B 6304 S3	06/1998	08/1999	BOSCH	372	001
		10/2010	-	FORD	961	112
T800		-	-	BOSCH	2-901	054
		-	-	BOSCH	2-902	055
		-	-	BOSCH	2-903	056
T810		-	-	BOSCH	2-901	054
		-	-	BOSCH	2-902	055
		-	-	BOSCH	2-903	056
Truck	With Caterpillar C10	-	-	DELCO REMY	841	092
	With Caterpillar C11	-	-	DELCO REMY	841	092
	With Caterpillar C12	-	-	DELCO REMY	841	092
	With Caterpillar C13	-	-	DELCO REMY	841	092
	With Caterpillar C15	-	-	DELCO REMY	841	092
		01/1996	12/2007	MITSUBISHI	2-842	158
		-	-	DELCO REMY	8-408	074
		-	-	DELCO REMY	9-408	074
		-	-	BOSCH	2-901	054
		-	-	BOSCH	2-902	055
		-	-	BOSCH	2-903	056
V40	1.8 16V com motor B 4184 S	01/1995	07/1999	BOSCH	372	001
	1.8 GDI	01/1997	12/2001	MITSUBISHI	7-698	152
	T4 com motor B 4194 T	05/1997	07/1999	BOSCH	372	001
V50	II 1.6	01/2005	-	BOSCH	1-371	000
		04/2004	-	FORD	961	112
V60		09/2010	-	FORD	961	112
V70	2.3 com motor B 5234 T2	01/1997	08/1998	BOSCH	372	001
	2.5 20V com motor B 5254 S	01/1997	08/1998	BOSCH	372	001
	2.5 TDI	01/1997	-	BOSCH	3-773	044
	AWD com motor B 5254 T	09/1997	08/1998	BOSCH	372	001
	R AWD com motor B 5234 T6	08/1997	08/1998	BOSCH	372	001
	T5 com motor B 5234 T3	01/1997	08/1998	BOSCH	372	001
		10/2007	-	FORD	961	112
VHD Series	with VED 12 Volvo diesel engine	01/2001	12/2007	MITSUBISHI	2-842	158
VHK 118		02/1975	06/1979	BOSCH	638	029
VM 210		-	-	DELCO REMY	2-408	073

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VOLVO		de /from	until	M.Part./Starter	ZM	Pag.
VM17	240 com motor MWM6.10TCA240	-	-	PRESTOLITE	1-483	174
		-	-	PRESTOLITE	483	174
	com motor MWM série 229	-	-	PRESTOLITE	1-483	174
		-	-	PRESTOLITE	483	174
	com motor MWM série X10	-	-	PRESTOLITE	1-483	174
		-	-	PRESTOLITE	483	174
	with X10 series MWM engine	-	-	PRESTOLITE	1-483	174
		-	-	PRESTOLITE	483	174
VM23	com motor MWM série 229	-	-	PRESTOLITE	1-483	174
		-	-	PRESTOLITE	483	174
	com motor MWM série X10	-	-	PRESTOLITE	1-483	174
		-	-	PRESTOLITE	483	174
	with 299 series MWM engine	-	-	PRESTOLITE	1-483	174
		-	-	PRESTOLITE	483	174
	with X10 series MWM engine	-	-	PRESTOLITE	1-483	174
		-	-	PRESTOLITE	483	174
VME L 30	com motor 4.236	01/1987	-	BOSCH	536	016
		01/1987	-	BOSCH	636	028
		01/1987	-	BOSCH	9-636	028
VN Series		-	-	DELCO REMY	841	092
VNL Series	with D16, 16.1L Volvo diesel engine	01/2006	-	MITSUBISHI	2-842	158
	with ISX, 15.0L Cummins diesel engine	01/2002	12/2006	MITSUBISHI	2-842	158
	with Series 60 Detroit diesel engine	01/2005	12/2007	MITSUBISHI	2-842	158
	with VED 12 Volvo diesel engine	01/1997	12/2007	MITSUBISHI	2-842	158
VNM Series	with VED 12 Volvo diesel engine	01/1997	12/2007	MITSUBISHI	2-842	158
VT Series	with D16, 16.1L Volvo diesel engine	01/2005	12/2006	MITSUBISHI	2-842	158
	with ISX, 15.0L Cummins diesel engine	01/2004	12/2006	MITSUBISHI	2-842	158
Volvo Penta	com motor TD 120 A	02/1972	09/1980	BOSCH	903	055
		02/1972	09/1980	BOSCH	904	056
	com motor TD 120 C	12/1978	12/1981	BOSCH	903	055
		12/1978	12/1981	BOSCH	904	056
	com motor TD 120 FG	03/1982	05/1982	BOSCH	903	055
		03/1982	05/1982	BOSCH	904	056
	com motor TD 120 G	06/1982	06/1983	BOSCH	903	055
		06/1982	06/1983	BOSCH	904	056
	com motor TID 121 FG	01/1983	-	BOSCH	903	055
		01/1983	-	BOSCH	904	056
	com motor TMD 120 B	06/1982	06/1984	BOSCH	903	055
		06/1982	06/1984	BOSCH	904	056
WA	with VED 12, Volvo diesel engine	01/1996	12/2001	MITSUBISHI	2-842	158
WC	with VED 12, Volvo diesel engine	01/1996	12/2001	MITSUBISHI	2-842	158
WG	with VED 12, Volvo diesel engine	01/1996	12/2001	MITSUBISHI	2-842	158
WH	with VED 12, Volvo diesel engine	01/1996	12/2001	MITSUBISHI	2-842	158
WI	with VED 12, Volvo diesel engine	01/1996	12/2001	MITSUBISHI	2-842	158
WX Series	with VED 12, Volvo diesel engine	01/1996	12/2001	MITSUBISHI	2-842	158
XC60		03/2010	-	FORD	961	112
WAUKESHA		de /from	until	M.Part./Starter	ZM	Pag.
Waukesha	with 4-220D 4 cylilinders diesel engine	01/1984	12/1985	DELCO REMY	450	078
	with 6-330D 6 cylilinders diesel engine	01/1984	12/1985	DELCO REMY	450	078
	with F-817G 6 cylilinders gasoline engine	01/1984	12/1985	DELCO REMY	450	078
		01/1986	12/1990	DELCO REMY	451	078
		01/1986	12/1990	DELCO REMY	351	065
	with VRD155 diesel engine	01/1984	12/1985	DELCO REMY	450	078
WESTERN STAR		de /from	until	M.Part./Starter	ZM	Pag.
All Models (By Engine)	with C10, 10.3L Caterpillar diesel engine	01/1997	12/2003	MITSUBISHI	2-842	158
	with C11, 11.1L Caterpillar diesel engine	01/2004	12/2006	MITSUBISHI	2-842	158
	with C12, 12.0L Caterpillar diesel engine	01/1997	12/2003	MITSUBISHI	2-842	158
	with C13, 12.5L Caterpillar diesel engine	01/2004	12/2006	MITSUBISHI	2-842	158
	with C15, 14.6L Caterpillar diesel engine	01/1999	12/2003	MITSUBISHI	2-842	158

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WESTERN STAR		de /from	until	M.Part./Starter	ZM	Pag.
All Models (By Engine)	with C15, 14.6L Caterpillar diesel engine with C15, 15.2L Caterpillar diesel engine	01/2004	12/2006	MITSUBISHI	2-842	158
	with Series C60, 14.0L Detroit diesel engine	01/2007	12/2010	MITSUBISHI	2-842	158
Medium Trucks		-	-	DELCO REMY	1-950	098
Truck	With MBE 4000 12.8L	-	-	DELCO REMY	841	092
YALE		de /from	until	M.Part./Starter	ZM	Pag.
Forklift	with 4D94E	-	-	HITACHI	5-981	126
Lift Trucks	with Mazda HA engine	01/1985	-	MITSUBISHI	1-895	160
	with Mazda XA engine	01/1985	-	MITSUBISHI	1-895	160
YANMAR		de /from	until	M.Part./Starter	ZM	Pag.
1050.D	4x4 com motor BTD 33 T	06/1988	-	BOSCH	531	014
		06/1988	-	BOSCH	531	015
		06/1988	-	BOSCH	631	027
	com motor BTD 33 T	06/1988	-	BOSCH	531	014
		06/1988	-	BOSCH	531	015
		06/1988	-	BOSCH	631	027
BT	com motor BT 22	11/1983	-	BOSCH	531	014
		11/1983	-	BOSCH	531	015
		01/1980	10/1983	BOSCH	571	020
		01/1980	10/1983	BOSCH	580	024
		11/1983	-	BOSCH	631	027
	com motor BT 33	11/1983	-	BOSCH	531	014
		11/1983	-	BOSCH	531	015
		01/1980	10/1983	BOSCH	571	020
		01/1980	10/1983	BOSCH	580	024
		11/1983	-	BOSCH	631	027
BTD	com motor BTD 22	09/1984	-	BOSCH	531	014
		09/1984	-	BOSCH	531	015
		09/1984	-	BOSCH	631	027
	com motor BTD 33	09/1984	-	BOSCH	531	014
		09/1984	-	BOSCH	531	015
		09/1984	-	BOSCH	631	027
Microtrator	C11	-	-	BOSCH	571	020
		-	-	BOSCH	580	024
	TC11 Super	-	-	BOSCH	571	020
		-	-	BOSCH	580	024
Mini Escavador	com motor YANMAR 4TN100L-FWA	01/1991	-	HITACHI	981	125
	com motor YANMAR 4TN100TL-FWA	01/1991	-	HITACHI	981	125
Trator 1050		-	-	BOSCH	537	016
Various Models	with 4TN78 engine	-	-	HITACHI	689	118
	with GA220 to GA340 engine	-	-	HITACHI	710	118
	with L35 to L100 engine	-	-	HITACHI	710	118
	withTN82 engine	-	-	HITACHI	689	118
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Tractor 230	com motor B Cummins 5.9 litros	-	-	PRESTOLITE	1-484	175
	with 5.9 liters B Cummins engine	-	-	PRESTOLITE	1-484	175
Trator 250	com motor B Cummins 5.9 litros	-	-	PRESTOLITE	1-484	175
	with 5.9 liters B Cummins engine	-	-	PRESTOLITE	1-484	175
ZASTAVA		de /from	until	M.Part./Starter	ZM	Pag.
101	1100	06/1972	12/1993	ISKRA	2-579	128
		06/1972	12/1993	ISKRA	3-579	128
	1300	06/1972	12/1993	ISKRA	2-579	128
		06/1972	12/1993	ISKRA	3-579	128
Florida	1.3	07/1989	12/1993	ISKRA	2-579	128
		07/1989	12/1993	ISKRA	3-579	128
	1.3 with OHCM5 engine	07/1989	-	MARELLI	650	140
Yugo	45	01/1986	12/1993	ISKRA	2-579	128
		04/1980	12/1993	ISKRA	3-579	128

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ZAZTAVA		de /from	until	M.Part./Starter	ZM	Pag.
Yugo	45	04/1980	-	MARELLI	650	140
	511	05/1985	12/1993	ISKRA	2-579	128
		05/1985	12/1993	ISKRA	3-579	128
	55	05/1985	12/1993	ISKRA	2-579	128
		05/1985	12/1993	ISKRA	3-579	128
		04/1980	-	MARELLI	650	140
	65i.e.	07/1983	12/1993	ISKRA	3-579	128
		04/1980	-	MARELLI	650	140
	Cabrio 1.3i	04/1980	-	MARELLI	650	140
	Koral 60	-	-	ISKRA	2-579	128
	Koral 65	-	-	ISKRA	2-579	128

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TÍTULO NÃO CADASTRADO. DÚ

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RENAULT				
Clio		-	-	5-494
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102	170	450	078	505	202	573	021	634	211	697	150
103	170	451	078	506	202	574	022	635	211	698	150
111	171	452	078	507	202	575	022	636	028	699	152
112	171	452	079	508	203	576	023	637	028	701	102
261	065	453	080	509	203	577	023	638	029	702	102
291	000	454	080	510	203	578	023	640	030	703	103
351	065	455	080	511	203	579	128	641	032	704	103
352	065	456	080	512	204	580	024	642	032	705	103
352	066	456	081	513	204	581	114	643	032	706	105
353	066	457	081	514	204	582	114	644	033	707	105
354	067	458	082	515	205	583	114	645	033	708	105
355	067	459	082	516	205	584	114	647	033	709	107
356	067	460	082	517	205	585	115	648	033	710	118
357	068	461	083	518	205	590	196	650	140	711	119
360	068	462	083	519	206	591	197	651	141	712	120
361	069	463	084	521	012	592	197	652	142	713	120
362	069	464	084	522	013	593	198	653	034	716	178
365	070	465	084	523	013	594	198	654	142	717	120
366	070	466	084	524	013	595	199	655	143	718	121
369	070	467	085	525	013	596	199	656	143	719	121
371	000	468	085	526	014	597	199	657	143	720	211
372	001	471	172	527	014	598	200	660	100	722	037
373	001	472	007	528	014	599	200	661	101	724	038
374	002	473	007	531	014	602	144	662	101	726	038
376	002	474	009	531	015	603	144	664	101	727	038
377	002	475	010	533	015	604	144	665	101	728	039
378	002	476	010	534	015	605	144	671	034	729	039
379	003	477	011	536	016	606	145	672	035	731	039
381	003	478	011	537	016	607	145	674	035	732	040
382	006	479	011	538	016	608	145	675	036	733	040
391	183	480	172	539	017	609	146	676	037	734	040
392	184	481	172	541	017	610	131	677	037	735	041
395	134	482	173	542	017	611	131	679	037	736	041
396	136	483	174	543	017	612	131	680	115	740	042
397	137	484	174	544	018	613	132	681	115	741	042
401	108	485	175	545	018	614	132	682	116	742	042
403	209	486	177	546	018	615	132	683	116	743	042
404	209	490	184	547	019	616	133	684	116	744	043
405	210	491	185	548	019	621	024	685	117	760	108
406	210	492	186	549	019	622	024	686	117	761	109
407	071	493	189	550	019	623	025	687	117	762	110
409	075	494	189	551	085	624	025	688	117	766	111
410	113	495	191	555	086	625	025	689	118	769	111
411	113	496	193	556	086	626	025	690	147	771	043
421	100	497	194	557	086	627	026	691	147	772	043
427	076	498	194	560	196	628	026	692	147	773	044
428	076	501	201	561	196	629	026	693	148	775	046
429	078	502	201	567	020	631	027	694	148	777	047
440	207	503	201	571	020	632	027	695	148	778	049

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784	124	871	051	1-382	006	1-597	200	1-862	096	2-484	175
785	124	872	051	1-391	183	1-608	145	1-865	096	2-485	176
787	124	873	052	1-395	134	1-610	131	1-866	097	2-491	185
790	153	874	052	1-396	136	1-613	132	1-873	052	2-492	187
791	153	875	053	1-397	137	1-615	133	1-891	159	2-494	189
792	154	876	053	1-403	209	1-639	029	1-892	159	2-495	191
793	154	877	053	1-404	210	1-640	031	1-895	160	2-496	193
794	155	878	053	1-405	210	1-650	140	1-897	161	2-498	195
795	155	879	054	1-406	211	1-653	034	1-898	163	2-571	020
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798	157	892	159	1-409	075	1-684	116	1-972	057	2-595	139
799	157	893	160	1-411	113	1-689	118	1-973	059	2-629	026
801	179	894	160	1-421	100	1-691	147	1-974	061	2-639	029
802	179	895	160	1-428	077	1-695	148	1-975	061	2-640	031
803	180	896	161	1-471	172	1-698	151	1-976	062	2-674	036
805	087	898	163	1-473	008	1-699	152	1-978	063	2-689	118
806	087	901	054	1-474	009	1-708	106	1-979	064	2-695	149
807	088	902	054	1-475	010	1-710	119	1-981	125	2-699	153
808	088	902	055	1-477	011	1-713	120	1-982	127	2-705	103
809	088	903	055	1-479	012	1-716	178	1-992	212	2-708	106
810	088	904	056	1-482	173	1-717	121	1-993	166	2-710	119
811	089	950	097	1-483	174	1-719	121	1-995	168	2-716	178
812	089	950	098	1-484	175	1-731	039	2-352	066	2-719	122
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