

CATÁLOGO

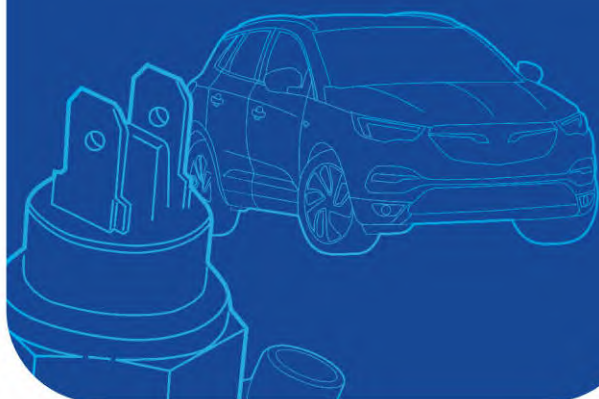
INTERRUPTORES
ELÉCTRICOS
E

SENSORES
AUTOMOTIVOS

ECHLIN



LINHA LEVE



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LINHA PESADA



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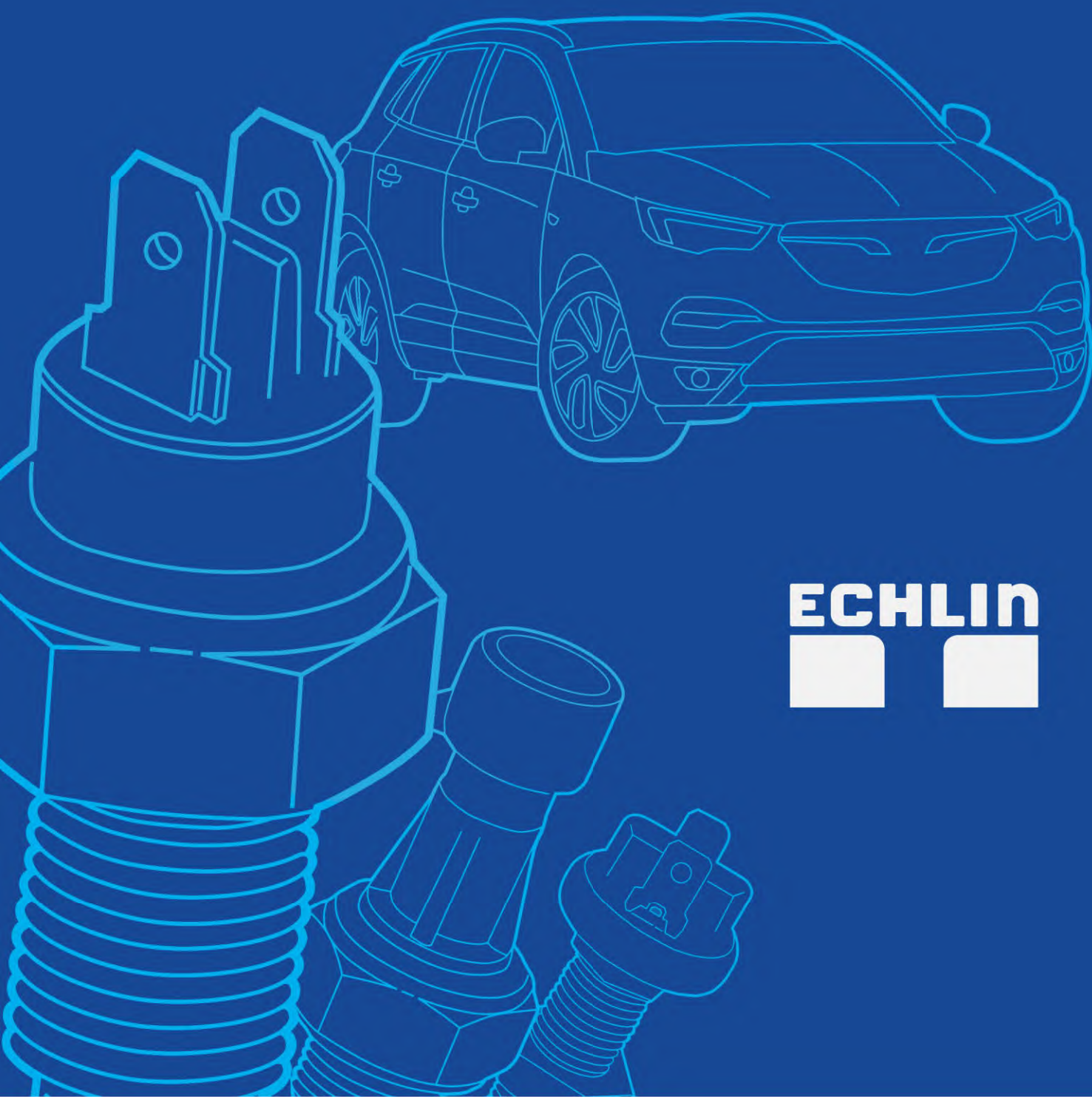
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LINHA LEVE



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LINHA LEVE

INTERRUPTORES DE LUZ DE FREIO



ECH 1.310

113.945.515C/H

VOLKSWAGEN: Brasília, Fusca Sedan, Gol, Kombi, Passat, Parati, Quantum, Santana, Saveiro, Voyage, todos os modelos.



M10 x 1,0 CONI. 4,50 bar

ECH 1.319

9634667980

CITROËN: Berlingo, Xsara.

4534.44

PEUGEOT: 206, 207, Partner.



BOTÃO AUTO REGULÁVEL

ECH 1.323

09175172

09175185

GM: Astra (2000-2012), Agile (2010-2014), Celta (2009-2016), Corsa Sedan (2009-2017), Montana (2011-2015), Prisma (2009-2012), Zafira (2002-2012).



BOTÃO AUTO REGULÁVEL

ECH 1.330

113.945.515D/G

113.945.515.1

VOLKSWAGEN: Brasília, Fusca Sedan, Gurgel com motores VW, BR 800, Karman Ghia, Kombi, Puma, Sp2, Variant, TL, TC. Todos os modelos.



M10 x 1,0 CONI. 1,50 / 6,50 bar

ECH 1.340

1.997.725

94.624.834

GM: C10, C60, Veraneio.



1/8" x 27 NPTF 4,50 bar

ECH 1.341

46840510

FIAT: Bravo (2011-2015), Doblo (após 2002), Ducato (2006-2017), Fiorino (após 2004), Grand Siena (após 2012), Idea (2006-2016), Linea (2009-2016), Palio (após 2001), Palio Weekend (após 2001), Punto (após 2008), Siena (após 2001), Stilo (2003 - 2011), Strada (após 2001), Uno (após 2004).



BOTÃO AUTO REGULÁVEL

ECH 1.345

09.132.299

09.149.766

13.118.574

90.460.325

90.460.326

GM: Astra (2004 2011), Vectra (2006 - 2011), Meriva.

62.40.058 - 62.40.157 - 62.40.233

Opel

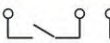


BOTÃO AUTO REGULÁVEL

ECH 1.354

77.00.414.988

RENAULT: Clio, Kangoo, Laguna, Master, Megane, Scenic.



BOTÃO AUTO REGULÁVEL

ECH 1.355

77.00.414.986

RENAULT: Todos bipolar, Master todos.



BOTÃO AUTO REGULÁVEL

ECH 1.359

16.064.804.80-96.434.788.80

96.506.884.80-96.656.023.80

4534.48 - 4534.63 - 4534.65

CITROËN: C3, C4, C5, DS3, Xsara, Picasso, Berlingo.

16.064.804.80 - 4534.48

4534.63 - 4534.65

PEUGEOT: 206, 207, 208, 307, 308, 408, 607, 3008, 5008, RCZ, Partner.



BOTÃO AUTO REGULÁVEL

ECH 1.362

4534.21

4534.51

PEUGEOT: 206.



ECH 1.363

96040821

CITROËN: Berlingo todos, Xsara todos, Xsara Picasso a partir de 2000.

4534.11

PEUGEOT: 106, 205, 306, 405, 406.



ECH 1.367

1J0.945.511A - 1J0.945.511

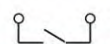
1J0.945.511B - 1J0.945.511C

1J0.945.511D - 1J0.945.511E

1J0.945.511F - 3B0.945.511A - 1J0.945.515

3B0.945.511B - 3B0.945.511C - 6Q0.945.51 - 8Z0.945.511

VOLKSWAGEN: Fox, Gol, Voyage, Up, Golf, Bora, New Beetle, Gol Geração 3 (com acelerador elétrico), Gol Geração 5, Polo, Caddy, Jetta, Lupo, Passat, (todos os modelos quadripolar), Phaeton, Spacefox, Touareg, Tiguan.



BOTÃO AUTO REGULÁVEL

ECH 1.370

ZBA.945.515.A

VOLKSWAGEN: Gol, Voyage, Parati, Saveiro, Passat, Santana, Quantum, todos os modelos com interruptor mecânico.



M12 x 1,25

LINHA LEVE

INTERRUPTORES DE LUZ DE FREIO



ECH 1.371

3458283 - 7323592- 90059582
GM: Chevette (1973-1994),
 Corsa (1994-2009), Monza
 (1982-1996), Omega (1993-
 2004), Opala (1969-1992),
 Tigrá (1998-2000).



ECH 1.372

4345643
FIAT: 147, Oggi, Spazio,
 Elba, Panorama, Prêmio,
 Fiorino, Furgão e Uno.
 2101 - 37200000
LADA: Niva.



ECH 1.373

69541
FORD: Corcel I e II,
 Belina I e II, Del Rey,
 Scala, Pampa, todos
 os modelos, F100,
 F350, F1000, F4000
 até 1991.



ECH 1.376

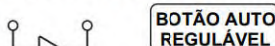
90196375 - 90504499
 93213041
DAEWOO: Espero.
GM: Astra (1995-1996,
 1999-2009), Celta (2001-
 2009), Corsa Hatch (2000-
 2012), Kadett (1989-1998,
 câmbio longo), Opala (1990-1992),
 Caravan (1990-1992), Prisma (2007-
 2009), Vectra (1997-2005), Zafira
 (1999-2009).



**BOTÃO AUTO
 REGULÁVEL**

ECH 1.379

191945515
FORD: Versailles e
 Royale, todos os modelos.
 191945515
SEAT: Cordoba e Ibiza.
 191945515
VOLKSWAGEN: Santana,
 Quantum, Parati, Gol, Polo Classic,
 Golf, todos os modelos.



**BOTÃO AUTO
 REGULÁVEL**

ECH 1.381

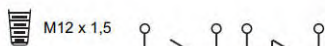
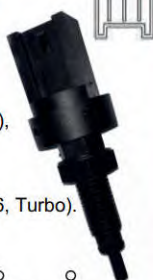
82GB13480AA
 3S65.13480.AA
FORD: Courier, Ecosport,
 Escort, Fiesta, KA, Mondeo,
 Verona.
 547.945.515A
VOLKSWAGEN: Apollo,
 Logus, Pointer.



ECH 1.383

LANÇAMENTO

5964877 - 7619084
FIAT: Elba 1.6 (1990 - 1996),
 Premio CSL 1.5 e 1.6
 (1987 - 1994),
 Tempra (1992 - 1999)
 Uno (1.6 MPI, 1.6 R, CSL 1.6, Turbo).



ECH 1.384

CITROEN: Jumper.
 4534.29
PEUGEOT: Boxer 2.8
ALFA ROMEO: 156, 156 SW.
 46433243
FIAT: Brava (2000-2003), Ducato (1998-2005), Grand Siena (2012 +
 embreagem), Idea (2006-2016), Marea (1999-2007), Marea Weekend
 (1999-2007), Palio (1996-2017), Palio Weekend (1996 +), Siena (1996 +),
 Strada (1996 +), Tipo 1.6 (1993-1997).



ECH 1.385

LANÇAMENTO

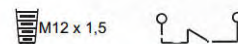
76190287
FIAT: Uno EP/ELX, Tempra.



ECH 1.393

LANÇAMENTO

8283048
FIAT: Palio



ECH 1.395

8434098002
TOYOTA:
 Bandeirantes,
 Pick-up, Jipe.



ECH 1.396

Mb953385
MITSUBISHI: Carisma,
 Space Star.
 4405731
OPEL: Arena
 7700785258
RENAULT: 19, 21, Clio 1,
 Espace, Laguna, Rapid,
 Safrane, Trafic, Twingo
 todos.
 30870941-9
VOLVO: S40, V40.



ECH 1.397

7.700.849.783(824)
RENAULT: 19, 21.



LANÇAMENTO

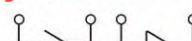


ECH 1.399

ALFA ROMEO: 166, Todos.
 7.627.401
FIAT: Coupe,
 Marea 2.4 (2001 - 2007),
 Marea Weekend (2001 - 2007),
 Palio 1.0 (1998 - 2002),
 Tempra SW (1992 - 1999), Tipo
 2.0 (1993 - 1997)



LANÇAMENTO



LINHA LEVE INTERRUPTORES DE LUZ DE FREIO



ECH 1.405

1635206U8014

JAC MOTORS: J3.

93810-1C800 - 93810-2H000 - 93810-3K000 - 93810-38100 - 93810-38110

KIA: Bongo, Carens, Carnival, Ceed, Cerato, Magentis, Mohave, Opirus, Optima, Picanto, Sorento, Soul, Sportage.

93810-38100 - 93810-38110 - 93810-1C800 - 93810-2H000 - 93810-3K000

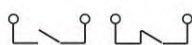
HYUNDAI: Accent, Eqqus, Elantra, Genesis, I10, I20, I30, IX 35, Santa Fé, Sonata, Tucson.

85710-08010

SANGYONG: Actyon, Kyron, Rexton.



M10 X 1,25



ECH 1.409

253206170R

8200168238 - 8200276361

RENAULT: Duster, Logan, Master, Megane, Sandero, Scenic, Twingo, Kwid.

**BOTÃO AUTO
REGULÁVEL**



ECH 1.411

LANÇAMENTO

ALFA ROMEO: 159, Giulietta, Mito, Spider.

50512681-50520116

52162684 - 53378929

FIAT: 500L, Argo, Bravo (2011 - 2016), Cronos, Grand Siena, Linea (2009 - 2016), Mobi, Palio (2012 +), Uno (2016 +), Punto (2008 - 2017), Toro.

1820183 - 6E5T.96854.AA - 6W83.13480.AB

7E5T.9G854.AA - 8T4T.9G854.AA - CS51.13480.AA

FORD: Focus, Ka, Ecosport, Fiesta, Fusion, F250, F350, F4000.

5801366985

IVECO: Daily.

C2P.14525 - C2P.3763 - T2H.10001

T2H.34820 - T2H.8456 - T2R.2764

JAGUAR: XF, XJ, XK, XE, F-Pace, F-Type, I-Pace.

K56038958AA(AC)

K68073610AA - K68349583AA

JEEP: Renegade, Compass, Cherokee.

LANCIA: Delta, Ypsilon.

LR072647 - LR091224

XKB.500030 - XKB.500110

LAND ROVER: Discovery 3, Discovery 4, Range Rover Sport, Velar.

12.40.755

OPEL: Combo

16.086.812.80 - 4534.72

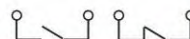
PEUGEOT/CITROEN: Bipper, Boxer 3, Jumper 3, Nemo.

31264377

VOLVO: C30, C70, S40, V40, V50, V60

MR141211

MITSUBISHI



LINHA LEVE INTERRUPTORES DE EMBREAGEM



ECH 4.357

AUDI: A3.
1J0.927.189
VOLKSWAGEN: Gol, Golf,
Fox, todos os Modelos Bipolar,
Embreagem do Gol Geração-3.



**BOTÃO AUTO
REGULÁVEL**

ECH 4.408

1J0.927.189 - 1J0.927.189E - 1J0.927.189F - 6Q0.927.189
7H0.927.189 - 8E0.927.189B
SEAT: Alhambra, Altea, Arosa, Cordoba, Exeo, Ibiza, Leon, Toledo.
AUDI: A3, A4, A6, Allroad, TT
1J0.927.189 - 1J0.927.189E - 1J0.927.189F - 6Q0.927.189
7H0.927.189 - 8E0.927.189B
VOLKSWAGEN: Bora, Fox, Gol Geração 4 e 5, Golf, Lupo, Multivan, New
Beetle, Passat, Phateon, Polo, Sharan, Spacefox, Touran, Transporter.



**BOTÃO AUTO
REGULÁVEL**

ECH 4.442

8200168240
RENAULT: Clio, Megane,
Grand Tour, Fluence,
Laguna, Scénic, Twingo.



**BOTÃO AUTO
REGULÁVEL**

LINHA LEVE INTERRUPTORES DE PRESSÃO DO ÓLEO



ECH 5.3300

111919081
VOLKSWAGEN: Fusca
Sedan, todos os modelos
com motor de 1200 cc.
Kombi.



M10 x 1,0
CONI.



0,30 bar

ECH 5.3301

6U4Z-9278-J
FORD: Escape, Fusion.
6U5Z-9278-J
LINCOLN: Zephyr.
6U5Z-9278-J
MERCURY: Mariner,
Milan.



3/8" NPTF



0,30 bar

ECH 5.3305

25240.000Q0A - 25240.00QA
NISSAN: X-Trail
82.00.359.627-82.00.670.467
82.00.671.272 - 82.00.970.474
RENAULT: Kwid, Sandero 1.0,
3 cilindros 12v, Scénic 2.0,
Grand Scénic 2.0, Laguna,
Duster 2.0, Master motores
diesel 1.5 dCi, 1.6 dCi,
1.9 dCi, 2.0 dCi, Clio diesel,
Fluence diesel, Laguna diesel.



M14 x 1,5



0,60 bar

ECH 5.3308

25240.00Q0F
NISSAN: Livina, March
8200671275
RENAULT
Logan 1.6 8V e 16V,
Megane, Sandero 1.6
8 e 16V.



M14 x 1,5



0,30 bar

ECH 5.3311

65697
FORD WILLYS: Aero,
Itamarati, Jipe, Rural.
Somente com motor 6
cilindros.



1/8" x 27
NPTF



0,30 bar

ECH 5.3314

CITROËN: C-Crosser.
MN163743
MITSUBISHI: ASX, Colt,
Galant, Grandis, Lancer,
Lancer Sportback,
Outlander, Pajero.
1131 K4
PEUGEOT: 4007
0011530632 - 0011531032
1221530032
SMART



1/8" x 28
BSP



0,30 bar

LINHA LEVE

INTERRUPTORES DE PRESSÃO DO ÓLEO



ECH 5.3315

8200.359.629 -
8200.367.215 - 8200.367.216
8200.670.466 - 8200.671.271
RENAULT: Clio 1.0 16V,
Logan 1.0 16V, Sandero
1.0 16V.



M14 x 1,5 0,90 bar

ECH 5.3317

12611710509 - 12611730160 - 756848001 - 12610150684 - 12612367061 - 12617568480
12617620512 - 12618611273
BMW: Alpina B7 e B7L, M1, M3, M5, M6, Série 1, Série 3, Série 5,
Série 6, Série 7, Série 8, X3, X5, X6, Z1, Z3, Z4, Z8.
OPEL: Omega
7240P5TG01
HONDA: Accord.
NUC100280L - NUC00040 - STC2252
LAND ROVER: Defender, Discovery, Freelander, Range Rover.
NUC100280L - NUC00040 - STC2252
MG: TF, MG, ZR, MG ZS, MG ZT, MGF.
NUC100350
ROVER: 25, 45, 75, 200, 400.



M12 x 1,5 0,30 bar

ECH 5.3321

E9SZ.9278.A
E9SC.9278.AA - BF7T.9278.A
FORD: Explorer (1992
à 2000), F1000 (1992 à
1998),
Ranger 2.8 e 3.0 diesel,
Ranger V6 gasolina 94/97.



1/4" x 18 NPTF 0,40 bar

ECH 5.3324

90AB.9278AB
92BB.9278AA - 92BB.9278.BB
FORD: Courier, Escort,
Fiesta, KA, Maverick 4 cil.,
Mondeo, SW.
Motores Endura e Zetec.



1/4" x 18 NPTF 0,30 bar

ECH 5.3335

94.600.398
GM:
D10/20/40/60/70,
C10/60, diesel.
Toyota: Motor 14B
(sem mostrador
de pressão).



1/8" x 27 NPTF 0,45 bar

ECH 5.3334

1131 J2
CITROËN: Jumper 2.2.
1S7Z.9278.AA - 3M51.9278.AB - 3S71.9278.AB
98AB.9278.CA(AA) - XS2Z.9278.CA
FORD: Motores Zetec até 2008
e motor 1.0 3 cilindros (Fiesta,
Courier, Ka, Focus, Ecosport), Transit,
Ranger 2.2 Diesel (2013 - 2016), Ranger
3.2 Diesel (2013 - 2015)
AJ813129
JAGUAR: XE 2.0

1/4" x 18 NPTF 0,40 bar

4737666 - LR000633
LR004410
LAND ROVER:
Discovery 4 Sport 2.0 (após 2014),
Freelander 2 2.0 (2011 - 2014),
Range Rover Evoque 2.0 (após 2011),
Range Rover III 3.6 D (2006 -
2012), Range Rover III 4.4 D (2010- 2012),
Range Rover IV 4.4 D (após 2012),
Range Rover Sport I 3.6 D (2006 - 2013),
Range Rover Sport II 4.4 (após 2013).

1131J2
PEUGEOT: Boxer 2.2.



ECH 5.3341

BD7T.9178.AA - 3M5Z.11A152.A
3M5T.11A152.AB
FORD: Tratores 4 Cil,
4600, 5600, 6600, Nova
Ecosport.
E.064.421
CASE
5.284.268
POCLAIN



1/4" x 18 NPTF 0,30 bar

ECH 5.3344

79MU9278A - 86AU9278AA
FORD: Corcel e Belina I, II, a
partir de 1971, Del Rey, Scala,
Escort L, GL, Ghia, XR3,
Pampa a partir de 1982, todos
os modelos.
2101-38100600
LADA: Niva 1.6 4WD.
029.919.081.3 - 029.919.081.B
029.919.081.B - 86AU9278AA
021.919.081.B
VOLKSWAGEN: Gol, Voyage,
Parati, Saveiro, com motor AE,
todos os modelos.

M14 x 1,5 0,40 bar



ECH 5.3345

7502811
FIAT: 147, Oggi, Elba,
Europa, Fiorino, Furgão,
Panorama, Premio,
Spazio, Uno até 1991,
todos os modelos.



M14 x 1,5 0,50 bar

ECH 5.3349

98469129
IVECO: Daily35.10 Van
Furgão.



M14 x 1,5 0,50 bar

ECH 5.3346

1131.98 - 1131. C7 - 1131.J5
CITROËN: Jumper.
1131.98 - 1131C7 - 1131J5 - 1131.K7 - 1131.J9
PEUGEOT: Boxer.
46420838 - 4859913 - 500312468 - 4859914 - 4859913 - 50008757, 55202374 - 500312468 -
60593844 - 60593845 - 60593845 - 60808371 - 55202374 - 71749462 - 55202374 - 7681395 -
7705830 - 7706596 - 7705830
FIAT: Motores 1.0 8V, 1.0 16V, 1.3 16V, 1.4 8V, 1.4 16V, 1.5
(Uno, Palio, Palio Weekend, Siena, Strada, Punto, 500, Doblò, Fiorino, Idea).

M14 x 1,5 0,50 bar



ECH 5.3350

7710826
FIAT: Todos os modelos
com motor Diesel 1300
CC.



M14 x 1,5 0,50 bar

LINHA LEVE

INTERRUPTORES DE PRESSÃO DO ÓLEO

ECHLIN

ECH 5.3351

1F21.18501 - 1F21. 18501.A
1LS.9278.AA - 1LSZ.9278.GA
1U5Z.9278.DA - 1U5Z.9278.GA
6U5Z.9278.D - 6U5Z.9278.G
F8AZ.9278.DA

FORD: Zetec a partir de 2008 (Courier, Ecosport, Focus, KA, Fiesta), Sigma (Fiesta, Focus, Ecosport), Edge apartir de 2008, Explorer de 2005 à 2008, Fusion 2.3 e 2.5, Mustang, Ranger gasolina (2,3 e 2.5), F250 1998 à 2002.

OBS: PEÇA ECH 5.3334 CIRCUITO INVERSO.

1/4" x 18 NPTF 0,40 bar



ECH 5.3352

028.919.081E - 028.919.081J

SEAT: Alhambra, Córdoba, Ibiza, Inca, León.

028.919.081E - 028.919.081G - 028.919.081J
VOLKSWAGEN: Fox, Gol, Golf VR6, Passat VR6, Voyage.

(CIRCUITO INVERSO AO ECH 5.3387. ORIGINAL COM PLUGUE ROXO).

M10 x 1,0 0,30 bar



ECH 5.3355

732124694600398

GM: D 11000, C 10, D 10, D 20, Chevrolet Brasil.

1/8" x 27 NPTF 0,60 bar



ECH 5.3356

7511028

FIAT: Rally, Turbo, Fiorino. Todos os modelos com manômetro.

M14 x 1,5 0,50 bar



ECH 5.3357

24580010

GM: Celta (2011-2016), Cobalt 1.4 e 1.8 (2015), Corsa (1994-2017), Montana 1.4 (2015), Onix 1.0 e 1.4 (2013-2016), Prisma 1.0 e 1.4 (2007-2012), Spin 1.8 (2015).

OBS: PLUG ELÍPTICO. PARA PLUG REDONDO UTILIZAR 5.3374.

M14 x 1,5 0,40 bar



ECH 5.3359

A11 - 3810010BC
CHERY: Tiggo.

1/4" x 18 NPT 0,40 bar



ECH 5.3361

82.00.671.278

RENAULT: Clio 1.0 16V, Logan 1.0 16V, Sandero 1.0 16V, Kangoo 1.0 16V

M14 x 1,5 0,90 bar



ECH 5.3365

55354325 - 90338647

GM: Cruze 1.8 (2012 à 2016), S10 diesel após 2012, Sonic 1.6 (2012 à 2016), Tracker 1.8 (2013 à 2016), Trailblazer diesel após 2013.

M10 x 1,0 0,40 bar



ECH 5.3367

60513055 - 60568392

ALFA ROMEO: Pressão de óleo do filtro. Alfa 155, Alfa 164. Todos os modelos.

M10 x 1,0 0,30 bar



ECH 5.3369

026.919.081.1

FORD: Escort, Verona, Royale, Versailles.

SEAT: Cordoba, Ibiza.

028.919.081D - 028.919.081H - 056.919.081C

VOLKSWAGEN: Apollo, Conrado, Gol, Golf, Kombi motores Diesel, Quantum, Passat, Parati, Polo Classic, Santana, Saveiro, Voyage, Vento.

M10 x 1,0 0,30 bar



ECH 5.3370

021.919.081.0

040.919.081.1

VOLKSWAGEN: Brasília, Fusca Sedan, Gol, Kombi 1.4 todos os modelos, TL, TC, Variant I, II, SP2, Saveiro com motorização a ar, todos os modelos, Puma.

M10 x 1,0 CONI. 0,30 bar



ECH 5.3371

AUDI: A3, A4.

SEAT: Córdoba, Ibiza.

056.919.081E - 056.919.081D

VOLKSWAGEN: Pressão de óleo do filtro Golf, Polo Classic.

M10 x 1,0 1,80 bar



ECH 5.3372

030.919.081.1

FORD: Escort e Verona a partir de 1992, Royale e Versailles 1.8, 2.0, todos os modelos com injeção eletrônica.

030.919.081.1

SEAT: Córdoba, Ibiza.

027.919.081.1 - 030.919.081.1

VOLKSWAGEN: Gol e Gol 1.0 Turbo, Gol Geração 4, Saveiro, Parati e Parati 1.0 Turbo, Santana, Quantum, Logus, Apollo, Pointer, Polo Classic, todos os modelos com motor 1.8 e 2.0 com injeção eletrônica, Gol com motor AP a partir de 1997. Gol 1.0 16V.

M10 x 1,0 0,30 bar



LINHA LEVE

INTERRUPTORES DE PRESSÃO DO ÓLEO

ECHLIN



ECH 5.3373



FORD: Escort a partir de 1992, Escort Hobby 1.6 CHT, Verona, todos os modelos com injeção eletrônica.
029.919.081.2
VOLKSWAGEN: Gol, Saveiro, Parati, todos os modelos 1.6 CHT com injeção eletrônica.



M14 x 1,5 0,40 bar

ECH 5.3374

OBS: PLUG REDONDO. PARA PLUG ELÍPTICO UTILIZAR 5.3357.



7.084.483 - 500.312.468 - 55.202.374 - 55270192 - 55354378
FIAT: Motores 1.6 8v, 1.6 16v, 1.8 8v, 1.8 16v, 2.0 16v, 2.0 20v, 2.0 turbo, 2.4 20v (Argo, Brava, Bravo, Coupe, Cronos, Doblo, Ducato, Fiorino, Grand Siena, Idea, Linea, Marea, Marea Weekend, Mobi, Palio, Palio Weekend, Punto, Siena, Stilo, Strada, Tempra, Tipo, Toro, Uno, 500).
25.180.905 - 55.202.374 - 93.177.490 - 90.336.039
93.318.082 - 93.193.582 - 93.362.638 - 90507539
GM: Motores 1.0, 1.4, 1.6, 1.8, 2.0, 2.2, 2.4. (Agile, Astra, Astra Wagon, Blazer, Calibra, Celta, Corsa, Meriva, Montana, Omega 2.0 2.2 3.0, Onix, Pick-up, Corsa, S10, Spin, Tigra, Vectra, Zafira)
55202374
JEEP: Renegade



M14 x 1,5 0,50 bar

ECH 5.3375



25036849
GM: Kadett: 1992 à 1998, motores 1.8, 2.0 EFI (SL, SLE, GL, GLS), Monza: 1992 à 1996, motores 1.8 e 2.0 EFI (SL, SLE, GL, GLS, Classic), Omega: 1995 à 1998, motor 4.1 MPFI (GLS e CD), S10 e Blazer 1995 à 2003 com motorização 2.2 EFI e MPFI, 2.4 MPFI, Silverado, Grand Blazer e HD350 de 1997 à 2002, motor 4.1 MPFI, C20 1996 com motorização 4.1 MPFI.



M14 x 1,5 0,50 bar

ECH 5.3376



PEUGEOT: 206 1.0 16v.
77.00.777.660
77.00.771.825 - 77.00.417.970
RENAULT: Symbol 1.6 16v, Symbol 1.6 16v, Traffic, Clio 1.0 8v, Clio 1.6 16v, Megane 1.6 16v, Scenic 1.6 16v, R19, Laguna.



M14 x 1,5 0,30 bar

ECH 5.3378

94603087

GM: Caravan, Comodoro, Diplomata, Opala, Puma GTB todos os modelos. A 10, A 20, A40, C10, C20, C40, anos 1965 à 1975.



1/8" x 27 NPTF 0,60 bar

ECH 5.3379

94603087

GM: Caravan, Comodoro, Diplomata, Opala, todos os modelos com terminal de encaixe.



1/8" x 27 NPTF 0,60 bar

ECH 5.3380

37200590036

HONDA: Civic 900.18.501-C

KIA: Besta, Carens, Carnival, Cerato, Joice, K2500, K2700, magentis, Pregio, Rio, Sorento, Sportage.

MD001481 - MD001482 - MD001483 - MD017430

MD021566 - MD021567 - MD138993 - 1258A003

MITSUBISHI: Colt, Galant, Lancer, L200, L300, Pajero, Space Wagon, Triton, Tr4, Airtrek 2.4

1026050GG010

JAC MOTORS: J2, J3.

SUZUKI: Alto, Baleno, Carry, Grand Vitara, Ignis, Jimmy, Liana, Samurai, Sidekick, SJ 410, SJ 413, Super Carry, Swift, Sx4, Vitara, Wagon R, Wagon R+, X-90.

83530.10010 - 83530.10020 - 83530.12010 - 83530.12020 - 83530.14010 - 83530.14030 - 83530.12020 - 83530.30030

TOYOTA: Camry, Corola, Hiace, Hilux, Land Cruiser, Liteace, Modell F, Starlet, SW, Previa.



1/8" x 28 BSPT 0,30 bar

ECH 5.3381

6,35

83530.30060

DAIHATSU: Aplause, Charade, Feroza.

8353030060

HYUNDAI: TOPIC.

150.18.501 - D

KIA: BESTA.

0866.18.501A

MAZDA: 626/929, MX-3

83530.300.1020

TOYOTA: Camry, Hilux, Corola, SW.



1/8" x 28 BSPT 0,30 bar

ECH 5.3382

ACURA: RDX, TSX.

37240.PHM.003 - 37241.RNA.A01

HONDA: Accord, CR-Z, Civic, CR-V,

City, Fit, Insight, Jazz.

37240.PHM.003 - 37241.RNA.A01

LEXUS: ES, GS, IS, LS, RX.

37240.PHM.003 - 37241.RNA.A01

MAZDA: RX8.

83530.05010 - 83530.0E010 - 83530.14060

83530.14070 - 83530.28010 - 83530.28020

83530.30090 - 83530.30100 - 83530.60010

83530.60020 - 83530.AA011

TOYOTA: Avensis, Camry, Carina, Celica, Corolla, 4 Runner, Hilux, Land Cruiser, Paseo, Previa, Prius, RAV 4, Supra, Yaris, Etios.

30713497

VOLVO: S40, S80, V40, Xc90.



1/8" x 28 BSPT 0,30 bar

ECH 5.3383

3024539 - 360688 - E9BZ.9278.A

FORD: Ranger.

83530.14030 - 83530.87705

DAIHATSU: Charede.

94750.11010 - 94750.11102 - 94.750.11110 - 94750.2100 - 94750.21010 - 94750.21020 - 94750.21030

HYUNDAI: Accent, Atos, Coupe, Elantra, Galloper, Getz, H-1, H 100, i 30, Lantra, Matrix, Pony, S Coupe, Santa Fé, Santamo, Sonata, Stellar, Terracan, Trajet, Tucson, XG.

1.345.18.501 - B366.18.501 - B.367.18.501

MAZDA: 121, 2, 3, 323, 323 C, 323 F, 323 P, 323 S, 5, 6, 626, B-Série, BT - 50, Demio, MPV, MX-3, MX-5, MX-6, Premacy, Xedos 6, Xedos 9.



1/8" x 28 BSP 0,30 bar

ECH 5.3384

Ø 4

37240-PD2-003.

HONDA: Accord, Civic, Prelude.

94750-11110

HYUNDAI: Acent, Elantra, Excel, Sonata, H 100.

25240-89900

NISSAN: Sentra.



1/8" x 28 BSPT 0,30 bar

LINHA LEVE

INTERRUPTORES DE PRESSÃO DO ÓLEO



ECH 5.3385

AUDI: A3, A4, A6, A8, Cabriolet, Q7, TT, todos.

95560609100 - 95560609101

PORSCHE: Cayenne.

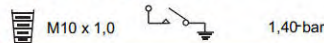
95560609100 - 95560609101

SEAT: Arosa, Alhambra, Cordoba, Ibiza, Leon, Toledo, todos originais com plugue preto.

06A.919.081A - 06A.919.081D - 06A.919.081E - 06A.919.081F - 06A.919.081J

VOLKSWAGEN: Bora, Caddy, Golf, Jetta, Lupo, New Beetle, Passat, Passat Variant, Phaeton, Polo, Scirocco, Sharan, Tiguan, Touareg, Touran, Transporter. Todos os modelos.

Original Plugue Preto



ECH 5.3387

038.919.081H

AUDI: A3, A4, A6, TT.

036.919.081C

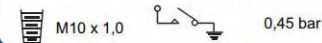
SEAT: Ibiza 1.0 16 V.

036.919.081A - 036.919.081B - 036.919.081C

036.919.081D - 036.919.081H - 06A.919.081C

VOLKSWAGEN: Amarok, Bora, Caddy, Up, Crafter, Eos, Fox, Gol, Golf e Voyage a partir do G5, Jetta, Kombi Flex, Lupo, Multivan, New Beetle, Passat, Polo, Sharan, Spacefox, Touran, Tiguan, Transporter, Saveiro, Up.

Original Plugue Verde



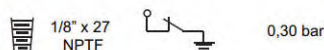
ECH 5.3388

372-1002070 - S113810010

CHERY: QQ

3617936

CHRYSLER: Dodge 1800, todos os modelos.



ECH 5.3389

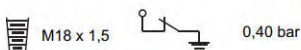
60.01.055.056 -

77.00.771.828

RENAULT: Clio 1.7, 1.7 16V, Laguna 3.0 V6, Trafic, 1.9 D, R11, R19, R21.

3343237 - 3344237-8

VOLVO: 440, 460, 480.

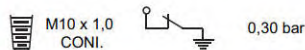


ECH 5.3390

GURGEL: Todos com motorização à ar.

012.542.6617

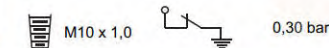
MERCEDES BENZ: Sprinter



ECH 5.3391

PRC 404 - PRC638 - PRC6387

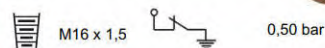
LAND ROVER: Defender, TD 90, 110, 130, 2.3, 2.5, 2.5D, Defender TDI 200, 300 Discovery TDI, 200, 300, Range Rover TDS, TDI 3.5, 2.5



ECH 5.3395

1131.61 - 1131.82

PEUGEOT: 106, 306, 405, 406, Boxer Vans.



ECH 5.3396

1131 C5 - 1131 K5 - 9661477580

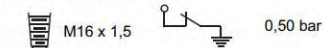
CITROËN: Berlingo, C3, C4, C4 Grand Picasso, C4 Picasso, C5, C6, C8, Jumper, Xantia, XM, Xsara, Xsara Picasso todos os modelos, C4 Pallas 2.0.

93330573

GM: Tracker de 2002 à 2004.

LR005365

LAND ROVER: Freelander 2 Diesel 2.2, Evoque Diesel 2.2.



Y401.18.501 - Y401.18.501.A

MAZDA: 2,3.

11.42.7.805.983 - 12.61.7.536.724

-12.61.7.568.481

MINI COOPER: Cabriolet, Clubman, Cooper, Coupe, JCW, Roadster.

25240-6F901

NISSAN: Micra.

1131.C5(K5) - 96.614.775.80

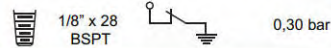
PEUGEOT: 1007, 106, 107, 206, 207, 208, 306, 307, 308, 4007, 406, 407, 408, 607, 806, 807, Huggar, Boxer, Partner, todos os modelos.



ECH 5.3397

91177495 - 96053621

GM: S10, S10 Blazer, todos com motorização 4.3 6 cil, Traker Gasolina (2007 - 2009)

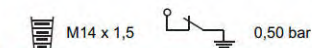


ECH 5.3399

9.301.012 - 93342424

GM: Chevette, Chevy 500, Ipanema, Marajó, Monza, Kadett, S10e Blazer 2.8 Diesel (2000-2009).

NISSAN: Frontier.

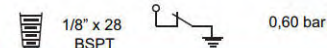


ECH 5.33100

LANÇAMENTO

252405053R

RENAULT: Fluence 2.0 16v

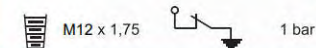


ECH 5.33112

55508858

GM: Onix 1.0 3 cilindros 1.0 turbo (após 2020), Tracker 1.0 3 cilindros 1.0 turbo 1.2 turbo (após 2020).

LANÇAMENTO



LINHA LEVE INTERRUPTORES DE LUZ DE RÉ



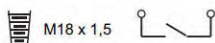
ECHLIN



ECH 2.4411

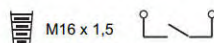
111.941.521-1
111.941.521-2

VOLKSWAGEN: Fusca Sedan, Brasília, Kombi, TC, TL, Variant I e II, Puma Todos os modelos.



ECH 2.4412

2121 - 37101.80
LADA: Laika, Niva, Samara.



ECH 2.4415

8421098002

TOYOTA: Bandeirante Pick - up, Jipe, todos os modelos.



ECH 2.4419

75MU15520A

FORD: Corcel I, Belina I de 1971 à 1977. Todos os modelos.



ECH 2.4420

004.545.27.14

MERCEDES BENZ: Sprinter.



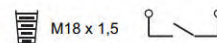
ECH 2.4422

014.941.521-1

FORD: Del Rey, Pampa, Royale, Versailles, todos os modelos.

014.941.521-1

VOLKSWAGEN: Gol, Parati, Passat, Quantum, Santana, Saveiro, Voyage, todos os modelos com cambio de 5 marchas.



ECH 2.4423

013.941.521-1

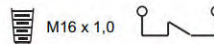
VOLKSWAGEN: Gol, Parati, Saveiro, todos com motorização AT a partir de 1996, 1.0, 8V e 16V.



ECH 2.4426

7700778781

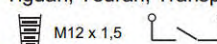
RENAULT: Trafic, Clio, Twingo.



ECH 2.4428

SEAT: Alhambra, Altea XL, Córdoba, Ibiza, Leon, Toledo. 02T945415 - 02T945415D, 02T945415E 02T945415K - 02T945415L 02T945415P - 02T945415Q

VOLKSWAGEN: Bora, caddy, Eos, Fox, Golf, Gol e Voyage a partir do G5, Jetta, Lupo, Multivan, New Beetle, Passat, Passat CC, Parati, Polo, Saveiro, Sciroco, Sharan, Spacefox, Tiguan, Touran, Transporter.



ECH 2.4429

9609352480 - 9601811080

FIAT: Ducato (1998-2005).

225740

PEUGEOT: 106, 205, 206 1.0 16 V, 306, 405, 406, Boxer 2.8.

CITROËN: Jumper.

IVECO: Daily.



ECH 2.4430

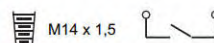
225741 - 225733

96018108

CITROËN: Berlingo, Xantia, XM, Xsara, ZX.

225741 - 225733 - 96018108

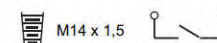
PEUGEOT: 106, 205, 206, 306, 309, 405, 406, 605, 806, Partner.



ECH 2.4433

5994949

FIAT: 147, Elba, Fiorino, Oggi, Panorama, Premio, Spazio, Uno, todos os modelos até NOVEMBRO de 1991.



ECH 2.4434

7.580.559 - 5.997.492

FIAT: Fiorino 1.5 de 1994 à 1996,

Uno Mille de 1991 à 1995,

Uno 1.5 de 1991 à 1993,

Uno 1.5i de 1991 à 1996,

Uno 1.6R de 1990 à 1993,

Uno 1.6iR de 1993 à 1994.



ECH 2.4435

7588520

FIAT: Argo, Brava (2000-2003), Bravo (2011-2016), Coupe, Cronos, Doblo, Elba (1985-2004), Fiorino (1985-2013), Grand Siena (após 2012), Idea (2006-2016), Linea (2009-2016), Marea (1999-2007), Marea Weekend (1999-2007), Mobi, Fiorino (após 2011), Palio (1996-2017), Premio (1985-1993), Punto (2013-2017), Siena (após 1996), Stilo (2003-2011), Strada (após 1996), Tempra (1992-1999), Tempra SW (1992-1999), Tipo 1.6 e 2.0, Uno (após 1985).



ECH 2.4437

90337100

GM: Ômega e Suprema de 1993 à 1998.



LINHA LEVE INTERRUPTORES DE LUZ DE RÉ

ECHLIN

ECH 2.4440

M474114 - MW30899625

MITSUBISHI: Carisma, Space Star.

32005.00QAA

NISSAN: Interstar, Kubistar, Primastar.

4410080 - 4414385

OPEL: Movano, Vivaro

7700422630 - 7700778780 - 7700802640

RENAULT: 19, 21, Avantime, Clio, Escape, Kangoo, Laguna, Master, Megane, Modus, Rapid, Safrane, Scenic, Super 5, Trafic II, Twingo.

30899625 - 3474114.0

VOLVO: 440, 460, 480, S40, V40.



ECH 2.4443

2257.52

CITROËN: C4 2.0, C4 Pallas 2.0, Picasso 2.0, Grand Picasso 2.0, Berlingo 1.6 16v, DS3, DS4, DS5, Xantia, Xsara.

2257.59

PEUGEOT: 206 1.0, 307 2.0, 3008 THP, RCZ THP.

SUZUKI: Liana **LANÇAMENTO**



M14 x 1,5

ECH 2.4444

081.941.521-1

VOLKSWAGEN: Todos os modelos com câmbio de 4 marchas.



M18 x 1,5

ECH 2.4445

2257.42 - 2257.53

CITROËN: C3, Jumper DS3, DS4, DS5, Xantia, XM, Saxo, Xsara.

2257.42 - 2257.53

PEUGEOT: 106, 206 1.4 e 1.6, 207, 208, 306 1.6, 307 1.6, 308 1.6, Boxer 2.8

320054913R - 8200209496 - 8200771472

RENAULT: Sandero, Logan, Master, Kwid

963.387.5680 - 965.987.0380 - 966.290.6780

966.290.6780 - K68094217AA

FIAT: Ducato (após 2005), Scudo.



M14 x 1,5

ECH 2.4451

52203408

FIAT: 500 1.4 (2010-2014), Doblo 1.6 (2004-2005), Grand Siena 1.4 (após 2013), Palio 1.4 (após 2012), Palio 1.0 6 marchas, Palio Weekend 1.0 6 marchas, Siena 1.0 6 marchas.



M18 x 1,5

ECH 2.4453

XS4T15520AA - XS4Z15520A
XZ4T15520AA

FORD: Focus, Focus 2.0, Mondeo.



M16 x 1,0

ECH 2.4455

079NU15520A

FORD: Corcel II, Belina II, Del Rey, Scala, Pampa, todos os modelos com câmbio de 5 marchas.



M18 x 1,5

ECH 2.4458

F4TB.15520.AA - C9TZ.15520.C
6L5Z.15520.A - 88HU.15520.AA

FORD: Ranger (V6, 2.5 diesel), Explorer (1992 a 2000).



9/16" - 18 UNF

ECH 2.4460

013.945.415.A

VOLKSWAGEN: Gol, Parati, Saveiro todos os modelos Geração 4.



M18 x 1,5

ECH 2.4461

BG1T 15520-A

FORD: Ranger 2.8 e 3.0 Diesel, 2.3 gasolina.
3348746
EATON



M12 x 1,5

ECH 2.4465

F4BT - 15520-AA

BF8T - 15520-A

FORD: F 250, F 350, F 4000.



9/16"-18 UNF

ECH 2.4466

7.316.598 - 93.236.444

GM: Chevette, Hatch, Junior, Marajó, Chevy 500, Opala, Diplomata, Comodoro, Caravan, D 20, D 40, D 60, todos os modelos, S 10 e Blazer 2.2, 2.4, 2.5 de 1995 à 2001, Silverado.



M14 x 2,0

ECH 2.4469

3003451

EATON

88HU.15520.AA - C9TZ.15520-C
6L5Z.15520.A - F4TB.15520.AA

FORD: Ranger, V6 e 2.5 diesel.



9/16" - 18 UNF

LINHA LEVE

INTERRUPTORES DE LUZ DE RÉ



ECHLIN



ECH 2.4473

84210.12040(04010/0K010)
84210.52050 - 84222.12010

TOYOTA: Hilux SW4 3.0 (modelo antigo), 4 Runner, Camry, Carina, Celica, Corolla, Land Cruiser, Paseo, Previa, RAV-4, Auris, Avensis, Dyna, Echo, FJ Cruiser, Hiace, Liteace, Matrix, Modell, MR 2, Picnic, Starlet, T100, Tacoma, Tarago, Tercel, Truck, Tundra, Urban, Verso, Yaris.

DAIHATSU: Charade 99761318000(001)

PORSCHE: 911 V 3.6 (Carrera, Carrega 4), 911 V 3.8 (Carrera S, Carrera 4S, Carrera 4 GTS).



M18 x 1,5



ECH 2.4474

60811423

ALFA ROMEO: 145, 146, 147, 155, 156, GT, GTV, Spider.

46410523

FIAT: 500, Barchetta, Brava, Bravo, Coupe, Doblo, Elba, Fiorino, Idea, Linea, Marea, Multipla, Palio, Punto, Regata, Siena, Stilo, Strada, Tempra, Tipo, Uno.

46410523

LANCIA: Dedra, Delta, Lybra, Musa, Prisma, Ypsilon.



M14 x 1,5



ECH 2.4476

32005-00QAD, 32005-00QAE, 32005-00QAEKT - 32005-AX000

NISSAN: Almera, Livina, March, Micra, Qashqai, Sentra, Tiida, Versa, X-Trail.

8200008194 - 8200177718

RENAULT: Duster, Fluence, Grand Scenic, Laguna, Logan, Megane, Sandero, Scenic, Trafic.



M14 x 1,5



ECH 2.4477

90069100

GM: Hatch, Ipanema, Kadett, Monza, todos os modelos.



M12 x 1,5



ECH 2.4478

90.482.454 - 94.770.529
93.329.852 - 93.371.760 - 90.245.033

GM: Agile, Astra, Celta, Corsa (Wind, Sedan, Wagon e Pick-Up), Calibra, Tigra, Vectra, S10 e Blazer (Diesel e Gasolina), Meriva, Zafira, Montana, Prisma.

NISSAN: L 200R (competição).

GMC: 3500 HD

IVECO: Daily (35S14, 45S14, 55C16)

32005.6S301

NISSAN: Frontier Diesel (Após 2002)

10812916 104241

VOLKSWAGEN: Microonibus TROLLER: Jipe e Pick-Up

TAC: Stark

M12 x 1,5



ECH 2.4479

015301960AA

CHERY: Celer.

FORD: Escort, SW, Verona, todos os modelos com injeção eletrônica.

547.941.521 - 020.945.415.A

VOLKSWAGEN: Apollo, Logus, Pointer, Golf de 1992 à 1995 todos os modelos com injeção eletrônica



M12 x 1,5



ECH 2.4487

LANÇAMENTO

2N15.15520.AA(AB)

FORD: Ecosport 2.0, Focus 2.0



M16 x 1,5



ECH 2.4488

77FG15520AA

FORD: Escort, Verona 1.6, todos os modelos.

77FG15520AA

VOLKSWAGEN: Apollo 1.6.



M16 x 1,5



ECH 2.4489

97FG.15520.AB -

97FG.15520.AC - YS61.15520.AB

FORD: Courier, Ecosport (Rocam), Escort de 1997 à 2002, Fiesta (Rocam), Focus de 2000 à 2009, Ka (Rocam).



M16 x 1,5



ECH 2.4490

97FG.15520.A2A

FORD: Courier, Escort, Fiesta, KA, Mondeo, SW.



M16 x 1,5



ECH 2.4499

FORD: Escort, Verona 1.8, todos os modelos.

020.941.521A

VOLKSWAGEN: Apollo, todos os modelos.



M12 x 1,5



ECH 2.44105

LANÇAMENTO

6S6T.15520.AA - 6S6Z.15520.AA

9M5T.15520.AA

FORD: Ka e Fiesta (Rocam 1.0 e 1.6), Ecosport e Focus (1.6 Sigma).



M16 x 1,5



ECH 2.44108

4C1T-15520-AA

4C1T-15520-AB CM5T-

15520-CA

FORD: Ranger Flex, Transit.

TROLLER: T4



M14 x 1,0



ECH 2.44111

500056315

IVECO: Daily 35S14,

45S17, 55C17, 70C17,

Caixa ZF 6S420.



M12 x 1,0



ECH 2.44124

LANÇAMENTO

95028604

GM: Sonic manual

(2012 - 2014),

Tracker manual (2014).



M12 x 1,5



LINHA LEVE

INTERRUPTORES DE PRESSÃO DA DIREÇÃO HIDRÁULICA



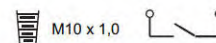
ECH 9.9901

94BP.3N824.AA - 96FP.3N824.BA
E5TZ.3N824.A - F3TZ.3N824.A - F37A.3N824.AA
FORD: Courier, de 1997 à 2012, Ecosport de 2003 à 2012, Escort, Fiesta de 1994 à 2012, Focus de 2003 à 2009, Ka de 1997 à 1999, Mondeo de 1996 à 2005, Ranger.
026.919.081.2
VOLKSWAGEN: Gol, Logus, Parati, Pointer, Santana, Saveiro, Voyage.



ECH 9.9902

AUDI: A3, TT.
1J0.919.081
VOLKSWAGEN: Bora, Gol, Golf, Jetta, New Beetle, Parati, Saveiro.



ECH 9.9903

4015.10
PEUGEOT: 206 1.0
7700435692
RENAULT: Todos.



ECH 9.9904

LANÇAMENTO
98AB.3N824
FORD: Focus.



ECH 9.9905

LANÇAMENTO
96.778.096.80
CITROEN: Xsara, Xsara Picasso, C3, C3 Picasso, Aircross, C5, Xantia, Berlingo.
4015.08
PEUGEOT: 306, 406.



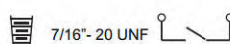
ECH 9.9906

4015.09
PEUGEOT: 206, 207, 306, 406, Partner, Hogar.



ECH 9.9907

7700413763 - 7700435692
RENAULT: Clio, Kangoo, Logan, Megane, Sandero, Scenic, Duster.





ECH 7.3005

499195011

FORD:

Escort	1.8 L4	G	1990 - 1992
Royale	1.8 L4	G	1992 - 1997
Verona	1.8 L4	G	1989 - 1992
Versailles	1.8 L4		1991 - 1997

499195011

VOLKSWAGEN:

Gol	1.0 L4	G	1992 - 1992
Gol	1.0 L4	G	1993 - 1993
Gol	2.0 L4	AP 2000	G 1989 - 1995
Parati	2.0 L4	AP 2000	F 1995 - 1995
Passat	1.8 L4	AP 1800	F 1984 - 1991
Quantum	1.8 L4	AP 1800	F 1985 - 1993
Santana	1.8 L4	AP 1800	F 1985 - 1993
Saveiro	1.6 L4	F	1985 - 1985
Saveiro	1.6 L4	F	1985 - 1990
Saveiro	1.6 L4	F	1989 - 1993
Saveiro	1.6 L4	F	1993 - 1993



M10 x 1,0

ECH 7.3025

07332773

GM:

Bonanza		D	1991 - 1991
Bonanza		D	1992 - 1995
C-60	4.9 L6	292 G	1973 - 1984
Caravan	2.5 L4	G	1974 - 1992
Caravan	2.5 L4	E	1981 - 1992
Caravan	4.1 L6	G	1974 - 1992
Caravan	4.1 L6	E	1980 - 1984
Caravan	4.1 L6	E	1991 - 1992
D-10	3.9 L4	D	1985 - 1985
D-20	3.9 L4	Q20B D	1988 - 1992
D-20	4.0 L4	D	1993 - 1996
D-40	3.9 L4	Q20B D	1985 - 1987
Opala	2.5 L	G	1969 - 1970
Opala	2.5 L4	G	1971 - 1993
Opala	2.5 L4	E	1980 - 1980
Opala	2.5 L4	E	1981 - 1992
Opala	4.1 L	G	1969 - 1970
Opala	4.1 L	G	1969 - 1970
Opala	4.1 L6	G	1971 - 1992
Opala	4.1 L6	E	1980 - 1983
Opala	4.1 L6	E	1984 - 1984
Opala	4.1 L6	E	1991 - 1992
Opala	4.1 L6	G	1976 - 1980
Veraneio		D	1987 - 1989
Veraneio		D	1990 - 1992
Veraneio	4.0 L4	D	1993 - 1996



1/2" x 1,4

ECH 7.3018

0279195011

FORD:

Escort	1.8 L4		1990 1996
Escort	1.8 L4		1997 1997
Verona	1.8 L4		1990 1996

279195011

VOLKSWAGEN:

Logus	1.6 L4		G 1993 - 1993
Logus	1.6 L4	AE	G 1994 - 1994
Logus	1.6 L4		E 1994 - 1994
Logus	1.6 L4	AP 1600	G 1995 - 1996
Logus	1.6 L4	AP 1600	E 1995 - 1996
Logus	1.6 L4	AP 1600	1997 - 1997
Parati	1.6 L4	AP 1600	1994 - 1996
Parati	1.6 L4	AP 1600	1995 - 2000
Parati	1.8 L4	AP 1800	G 1994 - 1999
Parati	1.8 L4	AP 1800	E 1994 - 1999
Parati	1.8 L4	AP 1800	G 2000 - 2000
Parati	2.0 L4	AP 2000	1995 - 1995
Parati	2.0 L4	AP 2000	1996 - 2000
Pointer	1.8 L4	AP 1800	E 1994 - 1996
Pointer	1.8 L4	AP 1800	G 1994 - 1997
Quantum	2.0 L4	AP 2000	1994 - 2000
Santana	1.8 L4		1994 - 2000
Saveiro	1.6 L4	AP 1800	D 1986 - 1989
Saveiro	1.6 L4		1994 - 1996
Saveiro	1.6 L4		1997 - 2005
Van	1.6 L4	AP 1600	G 1999 - 2002



M10 x 1,0

ECH 7.3029

03439088

DAEWOO

03439088 - 88924792 - 90510850 - 92029764

GM:

Blazer	2.2 L4	G	1995 - 2000
Chevette	1.0 L4		1992 - 1994
Corsa	1.0 L4 SOHC EFI	G	1994 - 1996
Corsa	1.0 L4 SOHC MPFI	G	1996 - 2003
Corsa	1.6 L4 SOHC MPFI	G	1995 - 2001
Corsa	1.6 L4 SOHC MPFI	G	2002 - 2002
Ipanema	1.8 L4		1989 - 1998
Kadett	1.8 L4		1989 - 1998
Monza	1.8 L4		1983 - 1989
Monza	2.0 L4		1990 - 1990
Omega	2.2 L	G	1995 - 1995
Omega	2.2 L4 SOHC MPFI	G	1996 - 1998
Omega	3.0 L6 SOHC MPFI	G	1993 - 1994
Omega	4.1 L6 SOHC MPFI	G	1995 - 1998
S10	2.2 L4 SOHC MPFI	G	1998 - 2000
S10	2.2 L4 SOHC EFI	G	1995 - 1999
Silverado	4.1 L6	G	1997 - 2000
Suprema	2.0 L4 SOHC MPFI	G	1993 - 1995
Suprema	2.0 L4 SOHC MPFI	E	1993 - 1995
Suprema	2.0 L4 SOHC MPFI		1996 - 1997
Suprema	2.2 L4 SOHC MPFI	G	1996 - 1998
Suprema	3.0 L6 SOHC MPFI	G	1993 - 1994
Suprema	4.1 L6 SOHC MPFI	G	1994 - 1998
Vectra	2.0 L4		2000 - 2002
Vectra	2.0 L4 DOHC SFI	G	1999 - 1999
Vectra	2.0 L4 SOHC MPFI	G	1994 - 1998
Vectra	2.0 L4 SOHC MPFI	G	2003 - 2005
Vectra	2.4 L4	F	2005 - 2010

1338448 - 1342561(68/69) - 3439088 - 90246852

OPEL

3439088 - 4772216 - 9543802

SAAB

3439088 - 90246852 - 90510850 - 93203244 - 94472002

VAUXHALL



1/8" x 27



ECH 7.3041

60813687 - 7588802
ALFA ROMEO

4067872 - 4108672 - 4276954 - 4349082 - 4407984
4409505 - 4414600 - 4448131 - 50000102 - 7588802(82)

FIAT:

Brava	1.6 L4	FIASA	G	1999 - 2001
Duna	1.6 L4	SEVEL	G	1995 - 1995
Elba	1.5 L4	SEVEL		1986 - 1989
Elba	1.5 L4	FIASA		1994 - 1996
Elba	1.6 L4	SEVEL		1991 - 1996
Fiorino	1.5 L4	SEVEL		1991 - 1993
Fiorino	1.5 L4	FIASA		1994 - 2004
Fiorino	1.6 L4	SEVEL		1994 - 1996
Marea	1.6 L4		G	2004 - 2004
Marea	2.0 L5		G	1999 - 2000
Marea	2.0 L5		G	2005 - 2005
Marea Weekend	2.0 L5		G	1999 - 2000
Palio	1.0 L4	FIASA		1996 - 2000
Palio	1.5 L4	FIASA		1996 - 2000
Palio	1.6 L4	FIASA	G	1996 - 2000
Palio	1.6 L4	SEVEL		1998 - 2000
Palio Weekend	1.5 L4	FIASA		1997 - 2000
Palio Weekend	1.6 L4	FIASA		1997 - 1998
Palio Weekend	1.6 L4	FIASA		2000 - 2000
Prêmio	1.5 L4	SEVEL	G	1985 - 1988
Prêmio	1.5 L4	FIASA	G	1989 - 1989
Prêmio	1.5 L4	FIASA		1992 - 1994
Prêmio	1.6 L4	SEVEL		1990 - 1994
Siena	1.0 L4	FIASA	G	1999 - 2000
Siena	1.5 L4	FIASA	E	1999 - 2000
Siena	1.5 L4	FIASA	G	1999 - 2000
Siena	1.6 L4	FIASA	G	1998 - 1999
Strada	1.5 L4			1999 - 2001
Strada	1.6 L4	FIASA	G	1998 - 2001
Tempra	2.0 L4	SEVEL	G	1993 - 1999
Tempra	2.0 L4		G	1992 - 1999
Tipo	1.6 L4		G	1993 - 1995
Tipo	1.6 L4		G	1996 - 1997
Tipo	2.0 L4	M6	G	1994 - 1995
Uno	1.0 L4	FIASA		1998 - 1999
Uno	1.0 L4	FIASA		2000 - 2001
Uno	1.0 L4	FIASA	G	1996 - 1996
Uno	1.4 L4	TURBO		1994 - 1996
Uno	1.5 L4	SEVEL		1987 - 1989
Uno	1.5 L4	FIASA		1992 - 1996
Uno	1.6 L4	SEVEL		1990 - 1996

21010380860000 - 210138086000 - 2101380860002 - 21060382801000
21063828010

LADA

Niva 1.6 L G 1992 - 1996

88924719

GM

7588802

INNOCENTI

4448131

IVECO

4349082

LANCIA

SE021947000C

SEAT



M16 x 1,5

ECH 7.3046

4141538 - 4163888 - 4169122 - 4185217
4189508 - 4334613 - 4414779 - 7512908
7588847 - 7588920

FIAT:

Elba	1.3 L4	FIASA		1986 - 1989
Elba	1.5 L4	SEVEL		1991 - 1993
Fiorino	1.3 L4	FIASA		1988 - 1989
Fiorino	1.3 L4	FIRE	G	2003 - 2004
Fiorino	1.5 L4	SEVEL	G	1991 - 1993
Fiorino	1.5 L4	FIASA		1994 - 2000
Marea	2.0 L5	185 A 4011	G	1999 - 2001
Marea Weekend	2.0 L5		G	1999 - 2001
Palio	1.0 L4	FIASA		1996 - 2000
Prêmio	1.3 L4	FIASA		1985 - 1989
Prêmio	1.5 L4	FIASA		1991 - 1994
Strada	1.5 L4			1999 - 2004
Uno	1.0 L4	FIASA		1991 - 2001
Uno	1.3 L4	FIASA		1988 - 1991
Uno	1.5 L4			1992 - 1995
Uno	1.5 L4	FIASA		1996 - 1996

7588847 - 7588920

LANCIA

FA94700000(01) - FC95260001(02) - HL94700050 - SE141947000A

SEAT



M16 x 1,5

ECH 7.3088

028919501C

VOLKSWAGEN:

Gol	1.6 L4	AP 1600		1996 - 1996
Gol	1.6 L4	AP 1600		1997 - 1997
Gol	1.6 L4	AP 1600		1998 - 2001
Gol	1.6 L4	AP 1600		2002 - 2003
Gol	1.6 L4	AP 1600	G	2004 - 2004
Gol	1.6 L4	AP 1600		2005 - 2005
Gol	1.6 L4	AP 1600	F	2006 - 2007
Gol	1.6 L4		F	2008 - 2008
Gol	1.8 L4	AP 1800		1994 - 2004
Parati	1.6 L4	AP 1600		2000 - 2002
Parati	1.6 L4	AP 1600	F	2003 - 2005
Parati	1.8 L4	AP 1800		1994 - 2004
Parati	1.8 L4	AP 1800		1994 - 2004
Quantum	1.8 L4	AP 1800		2000 - 2002
Santana	1.8 L4	AP 1800		2000 - 2006
Saveiro	1.6 L4			2003 - 2005
Saveiro	1.6 L4		F	2005 - 2008
Saveiro	1.8 L4	AP 1800		1994 - 1997
Saveiro	1.8 L4	AP 1800		2000 - 2004



M10 x 1,0

ECH 7.3180

133893 - 1338F7

CITROEN

4837950 - 504127558

FIAT:

Ducato	2.3 L4	F1A MULTIJET	D	2010 - 2011
Ducato	2.3 L4	F1A MULTIJET	D	2014 - 2014
Ducato	2.5 L4		D	1998 - 1998
Ducato	2.8 L4		D	1998 - 1998
Ducato	2.8 L4		D	1999 - 2001
Ducato	2.8 L4		D	2002 - 2009

4837950

IVECO

133893 - 1338F7

PEUGEOT



M16 x 1,5

ECH 7.4008

93313156

GM:

Corsa	1.4 L4	ECONOFLEX	F	2007 - 2009
Corsa	1.8 L4	SOHC MPFI	G	2002 - 2003
Corsa	1.8 L4	FLEXPOWER	F	2004 - 2009
Meriva	1.4 L4	ECONOFLEX	F	2008 - 2012
Meriva	1.8 L4	SOHC MPFI	G	2002 - 2009
Meriva	1.8 L4	FLEXPOWER	F	2003 - 2012
Montana	1.8 L4	FLEXPOWER	F	2003 - 2010

7085083

FIAT:

Doblo	1.8 L4	POWERTRAIN	F	2006 - 2012
Idea	1.8 L4	POWERTRAIN	F	2005 - 2011
Palio	1.8 L4	POWERTRAIN	F	2006 - 2007
Palio	1.8 L4	POWERTRAIN	F	2008 - 2010
Palio Weekend	1.8 L4	POWERTRAIN	F	2006 - 2007
Palio Weekend	1.8 L4	POWERTRAIN	F	2008 - 2011
Punto	1.8 L4	POWERTRAIN	F	2008 - 2010
Siena	1.8 L4	POWERTRAIN	F	2008 - 2010
Stilo	1.8 L4	POWERTRAIN	F	2005 - 2011
Strada	1.8 L4	POWERTRAIN	F	2007 - 2008
Strada	1.8 L4	POWERTRAIN	F	2007 - 2008
Strada	1.8 L4	POWERTRAIN	F	2009 - 2010

93313156

VAUXHALL



M12 x 1,5

ECH 7.4033

46474600 - A390269346

FIAT:

Fiorino	1.5 L4	FIASA		2004 - 2004
Palio	1.0 L4	FIASA		1998 - 2003
Palio	1.3 L4	FIRE		2003 - 2004
Palio	1.5 L4	FIASA		1999 - 1999
Palio	1.5 L4	FIASA	E	2003 - 2003
Palio Weekend	1.0 L4	FIASA	G	1999 - 2000
Palio Weekend	1.5 L4	FIASA		1998 - 2000
Siena	1.0 L4	FIASA	G	1999 - 2000
Siena	1.5 L4	FIASA		1999 - 2000
Siena	1.5 L4	FIASA	E	2003 - 2004
Strada	1.5 L4			1999 - 2004
Strada	1.6 L4	SEVEL	G	1999 - 2000



M12 x 1,5

ECH 7.4034

030919501(A) - 357919501A - 6U0919501B

VOLKSWAGEN:

Gol	1.0 L4			1999 - 1999
Gol	1.0 L4		G	1997 - 1997
Gol	1.0 L4	EA111 AT 16V		1998 - 1998
Gol	1.0 L4			2002 - 2004
Gol	1.0 L4			1997 - 1998
Gol	1.0 L4			2000 - 2000
Gol	1.0 L4	EA111 AT		2001 - 2002
Golf	1.8 L4		G	1994 - 1999
Parati	1.0 L4		G	1997 - 2004
Passat	2.8 L6		G	1992 - 2000

030919501

AUDI

1331294 - 1669948 - 95VW10884AA(AB)

FORD

030919501 - 357919501A - 6U0919501B

SEAT

030919501 - 357919501A - 6U0919501B

SKODA



ECH 7.4014

059919501A

AUDI:

A3	1.6 L4		G	2004 - 2011
A3	1.8 L4		G	2004 - 2005

MITSUBISHI:

3000 Gt	3.0 L6		G	1993 - 1993
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059919501A

VOLKSWAGEN:

Fox	1.0 L4	EA111	F	2003 - 2009
Fox	1.6 L4	EA111	F	2003 - 2009
Fox	1.6 L4	EA111 VHT	F	2009 - 2009
Gol	1.0 L4			2002 - 2004
Gol	1.0 L4			2005 - 2008
Golf	1.6 L4		G	1999 - 2006
Golf	1.6 L4			2007 - 2007
Golf	1.8 L4		G	2002 - 2008
Golf	1.8 L4		G	2009 - 2009
Golf	2.8 L6		G	2003 - 2004
Kombi New	1.4 L4	EA111	F	2006 - 2013
Beetle	2.0 L4	ML5	G	2007 - 2011
Parati	1.0 L4	EA111 AT 16V	G	2001 - 2002
Parati	1.0 L4	EA111 AT	G	2003 - 2004
Polo Classic	1.0 L4			2001 - 2001
Spacefox	1.6 L4		F	2006 - 2010



1100619 - 1124770 - XM218A570BA

FORD

059919501A

SEAT

059919501A

SKODA

ECH 7.4037

1L2412A648BA - 3F1Z12A648A - 4323633 - 4337456
7158126 - DY1144 - DY719 - DY961 - F5AF12A648AA(AB)
F5AZ12A648A(AB)

FORD:

Courier	1.3 L4	ENDURA E	G	1997 - 1999
Courier	1.4 L4	ZETEC-S	G	1997 - 1999
Escort	1.8 L4	ZETEC-S	G	1997 - 2003
Explorer	4.0 L6		G	1996 - 1998
Explorer	5.0 L8		G	1999 - 2002
Fiesta	1.0 L4	ENDURA E	G	1996 - 1999
Fiesta	1.4 L4	ZETEC-SE	G	1996 - 1999
Ka	1.0 L4	ENDURA E	G	1997 - 1999
Mondeo	1.8 L4	ZETEC	G	1998 - 1998
Mondeo	2.0 L4	ZETEC-E	G	1996 - 1998
Ranger	2.3 L4		G	1997 - 1997
Ranger	2.5 L4		G	1998 - 2003
Ranger	4.0 L6		G	1995 - 1998
Ranger	4.0 L6		G	1999 - 1999
Ranger	4.0 L6		G	2000 - 2003

4323633

LAND ROVER:

1E0018510 - GY0118840(A) - ZZM118707(A) - ZZM218707

MAZDA

3F1Z12A648A

MERCURY

1814320C1

NAVISTAR



3/8" x 18
NPTF

LINHA LEVE SENSORES DE TEMPERATURA



ECH 7.4046

0269061614 - F32F12A648AA - F32Z10884C - F32Z12A648B

FORD:			
Escort	1.8 L4	AP	1994 - 1996
Verona	1.8 L4	AP	1994 - 1996

0269061614

VOLKSWAGEN:

Gol	1.0 L4	CHT	1994 - 1996
Gol	1.6 L4		1994 - 1994
Gol	1.6 L4	AP 1600	1995 - 1998
Gol	1.6 L4	AP 1600	1999 - 2004
Logus	1.6 L4	AP 1600	1994 - 1997
Parati	1.6 L4	AP 1600	1995 - 1997
Parati	1.8 L4	AP 1800	E 1995 - 1997
Parati	1.8 L4	AP 1800	G 1995 - 1997
Parati	1.8 L4	AP 1800	E 1995 - 1997
Parati	1.8 L4	AP 1800	G 1995 - 1997
Parati	2.0 L4	AP 2000	1995 - 1997
Quantum	1.8 L4	AP 1800	1994 - 2002
Santana	1.8 L4	AP 1800	1994 - 2006
Saveiro	1.6 L4		1994 - 1996



M12 x 1,5

ECH 7.4050

12146897 - 12608814 - 12611420 - 15326388 - 15369305
15404280 - 25036898 - 25037062 - 93247291 - 96181508
96182634

GM:

Agile	1.4 L4	NLEV	F	2009 - 2015
Blazer	2.2 L4	B22NZ	G	1995 - 2000
Celta	1.0 L4		G	2000 - 2001
Celta	1.0 L4	VHC	G	2002 - 2005
Celta	1.0 L4	VHC	F	2005 - 2005
Celta	1.0 L4	VHC	F	2006 - 2008
Celta	1.4 L4		G	2003 - 2006
Cobalt	1.4 L4	NLEV	F	2011 - 2015
Cobalt	1.8 L4	NLEV	F	2012 - 2015
Corsa	1.0 L4	SOHC EFI	G	1994 - 1996
Corsa	1.0 L4	SOHC MPFI	G	1996 - 2001
Corsa	1.0 L4	VHC	G	2002 - 2006
Corsa	1.0 L4	VHC	F	2005 - 2011
Corsa	1.4 L4	SOHC EFI	G	1994 - 1997
Corsa	1.6 L4		G	1995 - 2002
Corsa	1.6 L4		G	2003 - 2005
Ipanema	1.8 L4	SOHC EFI		1991 - 1998
Ipanema	2.0 L4	SOHC EFI		1991 - 1998
Kadett	1.8 L4	SOHC EFI		1991 - 1998
Meriva	1.8 L4	DOHC SFI	G	2003 - 2005
Montana	1.4 L4		F	2007 - 2015
Monza	1.8 L4	SOHC EFI		1991 - 1998
Omega	2.0 L4	SOHC MPFI		1993 - 1994
Omega	2.2 L4	SOHC MPFI	G	1996 - 1998
Prisma	1.4 L4	ECONOFLEX	F	2006 - 2008
S10	2.2 L4	SOHC EFI	G	1995 - 1999
Spin	1.8 L4	NLEV	F	2012 - 2015
Suprema	2.0 L4	SOHC MPFI		1993 - 1994
Suprema	2.2 L4	SOHC MPFI	G	1995 - 1998

55199579 - 7083448 - 7778980 - 82277334 - K68055357AA

FIAT:

Stilo	1.8 L4	POWERTRAIN	G	2002 - 2005
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60811520 - 7083448

ALFA ROMEO

12611420 - 15326388

BUICK

12611420 - 15326388

CADILLAC

15326388 - 15404280

25036898 - 96181508 - 96182634

DAEWOO

8126088140 - 8153263880 - 8153693050

8154042800

ISUZU

21120385101000(02/05) - 21123851010

2112385101001(02/05)

LADA

7778980 - 82277334 - K68055357AA

LANCIA

12611420 - 1338441 - 1338477 - 1341856
15326388 - 15369305 - 4810250 - 6238938

OPEL

12611420 - 96182634

PONTIAC

7701053991

RENAULT

15326388 - 15404280 - 5952155

SAAB

12608814 - 12611420 - 25036898 - 25037062

SATURN

1365085200

SUZUKI

12611420 - 15326388 - 15369305 - 15404280

VAUXHALL



M12 x 1,5

ECH 7.4051

30523666 - 93358883 90080939
- 90410792 - 90510183

GM:

Astra	1.8 L4	C18NE	G	1999 - 2005
Astra	1.8 L4	C18YE	E	2001 - 2005
Astra	2.0 L4	C20SEL	G	1999 - 2004
Astra	2.0 L4	C20NE	G	1995 - 1996
Astra	2.0 L4	C20NE	G	1998 - 2006
Astra	2.0 L4	X20XE	F	2004 - 2011
Blazer	2.2 L4	C22SE	G	1998 - 2000
Blazer	2.4 L4	C24NE	G	2001 - 2006
Blazer	2.4 L4	X24XF	F	2007 - 2012
C-20	4.1 L6			1997 - 1999
Celta	1.0 L4	VHC	F	2009 - 2013
Celta	1.0 L4	VHC-E	F	2013 - 2016
Classic	1.0 L4	VHC-E	F	2010 - 2016
Corsa	1.0 L4	DOHC SFI	G	1999 - 2001
Corsa	1.0 L4	SOHC EFI	G	1994 - 1996
Corsa	1.4 L4	ECONOFLEX	F	2010 - 2012
Ipanema	2.0 L4			1996 - 1998
Kadett	2.0 L4	SOHC MPFI		1996 - 1998
Meriva	1.4 L4	ECONOFLEX	F	2008 - 2012
Monza	1.8 L4			1985 - 1990
Omega	2.0 L4	SOHC MPFI	G	1993 - 1995
Omega	2.0 L4	SOHC MPFI	E	1993 - 1995
Omega	3.0 L6	SOHC MPFI	G	1993 - 1994
Omega	4.1 L6	SOHC MPFI	G	1995 - 1995
Prisma	1.0 L4	NLEV	F	2009 - 2012
Prisma	1.4 L4	ECONOFLEX	F	2009 - 2012
S10	2.2 L4	SOHC MPFI	G	1998 - 2000
S10	2.4 L4		F	2007 - 2012
S10	2.4 L4	SOHC MPFI	G	2001 - 2004
Suprema	2.0 L4	SOHC MPFI	E	1993 - 1995
Suprema	2.0 L4	SOHC MPFI	G	1993 - 1995
Suprema	3.0 L6	SOHC MPFI		1993 - 1994
Suprema	4.1 L6	SOHC MPFI		1995 - 1995
Vectra	2.0 L4	DOHC SFI	G	1999 - 2002
Vectra	2.0 L4	SOHC MPFI	G	1994 - 1998
Vectra	2.0 L4	SOHC MPFI	G	2003 - 2007
Vectra	2.0 L4	X20XE	F	2005 - 2012
Vectra	2.4 L4	FLEXPOWER	F	2006 - 2010
Zafira	2.0 L4	DOHC SFI	G	2001 - 2008
Zafira	2.0 L4	SOHC MPFI	G	2001 - 2008
Zafira	2.0 L4	FLEXPOWER	F	2004 - 2012

46125769 - 5972332 - 60513205 - 60800167 - 60808142 - 7770239

FIAT:

Elba	1.6 L4			1994 - 1994
Fiorino	1.6 L4	SEVEL		1995 - 1996
Marea	2.0 L5	185 A 5011	G	1999 - 2000
Tempra	2.0 L4		G	1995 - 1996
Tempra	2.0 L4		G	1997 - 1997
Tipo	1.6 L4		G	1996 - 1997
Uno	1.0 L4			1990 - 1992
Uno	1.4 L4	TURBO		1994 - 1995
Uno	1.6 L4	SEVEL		1995 - 1996

94460612500 - 9966062239A

PORSCHE:

968	3.0 L4			1994 - 1994
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195321101000 - 5972332

60513205 - 9946866

ALFA ROMEO

025906041

ASTON MARTIN

13621284397 - 13621401945

13621709966(67) - 1709967

BMW

133857 - 91040370

91414549 - 91514549

CITROEN

125769

FERRARI

1207003 - 1C1R7H141AA

FORD

90410792 - 92017805

HOLDEN

ERR2081

ROVER

37870P5TG00 - 37870PDFE01

HONDA

3922022000 - 3922022010

HYUNDAI

5972332 - 98424793

IVECO

0K73718840

KIA

ERR2081

LAND ROVER

08983631 - 1338444(51/58)

62383317 - 90018835 90080939

- 90410792

90510183

OPEL

024246 - 91040370 91414549

PEUGEOT

7700267388

RENAULT



M12 x 1,5

4503132 - 4770228

9357021

SAAB

025906041

SEAT

004435008 - 6U0919501

SKODA

9141454980 - 9151454980

A51454980

TALBOT

8942205010(20)

TOYOTA

0003952640 - 004435008

025906041 - 6U0919501

X03952640

VOLKSWAGEN

1332396 - 13323969

VOLVO

LINHA LEVE SENSORES DE TEMPERATURA



ECHLIN



ECH 7.4053

46477022 - 60806379 - 60813751

ALFA ROMEO:

155 2.0 L4 G 1995 - 1998

46477022 - 4850371 - 50009755 - 7547977 - 7695581

FIAT:

Brava 1.6 L4 G 2002 - 2003

Coupe 2.0 L4 G 1995 - 1997

Ducato 2.5 L4 D 1998 - 1998

Ducato 2.5 L4 D 1997 - 1997

Ducato 2.8 L4 D 1999 - 2000

Ducato 2.8 L4 D 2001 - 2003

Ducato 2.8 L4 D 2004 - 2005

Duna 1.6 L4 SEVEL G 1995 - 1995

Elba 1.5 L4 FIASA 1992 - 1996

Elba 1.6 L4 SEVEL 1994 - 1994

Fiorino 1.3 L4 FIRE G 2003 - 2004

Fiorino 1.5 L4 SEVEL 1991 - 1994

Fiorino 1.5 L4 FIASA 1994 - 2004

Fiorino 1.6 L4 SEVEL 1994 - 1995

Palio 1.0 L4 FIASA 1996 - 2000

Palio 1.5 L4 FIASA 1996 - 1998

Palio 1.6 L4 FIASA G 1999 - 2000

Palio 1.6 L4 SEVEL G 1998 - 2000

Palio Weekend 1.0 L4 FIASA G 1999 - 2000

Palio Weekend 1.5 L4 FIASA 1997 - 1999

Prêmio 1.5 L4 FIASA 1992 - 1994

Prêmio 1.6 L4 SEVEL 1993 - 1993

Siena 1.0 L4 FIASA G 1999 - 2000

Siena 1.5 L4 FIASA 1999 - 2000

Siena 1.6 L4 SEVEL G 1998 - 2000

Strada 1.5 L4 1999 - 2001

Tempra 2.0 L4 SEVEL 1997 - 1999

Tempra 2.0 L4 SEVEL G 1993 - 1996

Tipo 2.0 L4 M6 G 1994 - 1995

Uno 1.0 L4 FIASA 1996 - 2004

Uno 1.5 L4 SEVEL 1992 - 1994

Uno 1.5 L4 FIASA 1992 - 1999

5000288398 - 7702087460

RENAULT

R19 1.8 L4 1994 - 1999

02690616112 - 026906161B

VOLKSWAGEN

Gol 1.6 L4 AP 1600 1994 - 1996

Gol 1.6 L4 AP 1600 1997 - 2002

Gol 1.6 L4 AP 1600 2003 - 2003

Gol 1.6 L4 AP 1600 2004 - 2005

Gol 1.6 L4 AP 1600 F 2006 - 2007

Gol 1.6 L4 AP 1600 F 2008 - 2009

Parati 1.6 L4 AP 1600 2002 - 2002

Parati 1.6 L4 AP 1600 2004 - 2004

Parati 1.6 L4 AP 1600 F 2005 - 2012

Parati 1.8 L4 AP 1800 G 1996 - 1996

Parati 1.8 L4 AP 1800 E 1996 - 1996

Parati 1.8 L4 AP 1800 E 1997 - 1999

Parati 1.8 L4 AP 1800 G 1997 - 1999

Parati 1.8 L4 AP 1800 G 2000 - 2002

Parati 1.8 L4 AP 1800 2005 - 2005

Parati 1.8 L4 AP 1800 F 2006 - 2009

Parati 2.0 L4 AP 2000 1996 - 2001

Parati 2.0 L4 AP 2000 2002 - 2002

Parati 2.0 L4 AP 2000 2004 - 2004

Polo Classic 1.8 L4 AP 1800 G 1997 - 2002

Quantum 1.8 L4 AP 1800 1997 - 2002

Santana 1.8 L4 AP 1800 1998 - 2006

Saveiro 1.6 L4 AP 1600 1996 - 1996

Saveiro 1.6 L4 AP 1600 1997 - 2002

Saveiro 1.6 L4 AP 1600 F 2003 - 2009

Saveiro 1.6 L4 2003 - 2005

Saveiro 1.8 L4 AP 1800 2005 - 2009

Van 1.6 L4 AP 1600 G 1999 - 2002

1338A5 46477022 - 4850371 1338A5

CITROEN

1639283 - V86HF12A648AA 46477022 - 7547977 - 7695581 93184580

FORD

93184580

GM

LANCIA

1342850 - 4416020 - 4500001

OPEL

PEUGEOT

93184580

VAUXHALL



M12 x 1,5

ECH 7.4056

40224602 - 40554602 - 46554621
55188058 - 7083798 - A390269364

FIAT:

Brava 1.6 L4 G 2002 - 2003

Doblo 1.3 L4 FIRE G 2002 - 2006

Doblo 1.6 L4 FIASA G 2004 - 2005

Doblo 1.8 L4 POWERTRAIN G 2003 - 2006

Marea 1.6 L4 FIASA G 2006 - 2008

Marea Weekend 1.6 L4 FIASA G 2006 - 2008

Palio 1.0 L4 FIRE G 2000 - 2003

Palio 1.3 L4 FIRE G 2000 - 2003

Palio 1.8 L4 POWERTRAIN G 2003 - 2004

Palio 1.8 L4 POWERTRAIN F 2004 - 2005

Palio 1.8 L4 POWERTRAIN F 2006 - 2007

Palio Weekend 1.0 L4 FIRE G 2000 - 2003

Palio Weekend 1.6 L4 FIASA G 2001 - 2003

Palio Weekend 1.8 L4 POWERTRAIN G 2003 - 2004

Palio Weekend 1.8 L4 POWERTRAIN F 2004 - 2005

Palio Weekend 1.8 L4 POWERTRAIN F 2006 - 2007

Siena 1.6 L4 FIASA G 2001 - 2004

Siena 1.8 L4 POWERTRAIN G 2003 - 2004

Siena 1.8 L4 POWERTRAIN F 2005 - 2007

Strada 1.6 L4 FIASA G 2002 - 2003

Strada 1.8 L4 POWERTRAIN G 2003 - 2005

Strada 1.8 L4 POWERTRAIN F 2004 - 2006

Strada 1.8 L4 POWERTRAIN F 2007 - 2008

Strada 1.8 L4 POWERTRAIN F 2007 - 2008



M12 x 1,5

ECH 7.4058

2263000Q1C(3B/AB)

NISSAN:

March 1.0 L4 D4D F 2013 - 2016

024288

NISSAN:

206 1.0 L4 G 2001 - 2007

7700101968 - 7700103348 - 7700113867 - 8200561449

NISSAN:

Captur 2.0 L4 F 2017 - 2021

Clio 1.0 L4 2001 - 2013

Clio 1.0 L4 G 1999 - 2008

Clio 1.6 L4 2000 - 2009

Duster 1.6 L4 F 2012 - 2015

Duster 2.0 L4 F 2012 - 2021

Kangoo 1.0 L4 D4D G 2002 - 2005

Kangoo 1.0 L4 G 2002 - 2005

Kangoo 1.6 L4 2002 - 2011

Kangoo 1.6 L4 G 2000 - 2001

Logan 1.0 L4 F 2007 - 2016

Logan 1.6 L4 F 2007 - 2011

Logan 1.6 L4 F 2007 - 2011

Megane 1.6 L4 F 2007 - 2011

Megane 2.0 L4 G 2003 - 2003

Megane 2.0 L4 G 1998 - 2003

Oroch 1.6 L4 F 2015 - 2016

Oroch 2.0 L4 F 2015 - 2021

Sandero 1.0 L4 F 2007 - 2016

Sandero 1.6 L4 F 2007 - 2012

Sandero 1.6 L4 F 2007 - 2012

Scenic 1.6 L4 1999 - 2010

Scenic 2.0 L4 F4R G 2001 - 2004

Scenic 2.0 L4 G 1999 - 2000

Symbol 1.6 L4 F 2009 - 2013

Twingo 1.0 L4 G 2000 - 2005

Twingo 1.2 L4 1996 - 1998



M12 x 1,5



ECH 7.4092

06A919501 - 06A919501A(B)

AUDI:

A3	1.6 L4	G	1999 - 2000
A3	1.6 L4	G	2001 - 2005
A3	1.6 L4	G	2006 - 2011
A3	2.0 L4	G	2006 - 2013
A4	1.8 L4	G	2000 - 2008
A4	2.0 L4	G	2005 - 2013
A4	2.4 L6	G	2001 - 2004
A4	3.2 L6	G	2006 - 2011
A6	3.2 L6	G	2007 - 2008
A6	3.2 L6	G	2009 - 2011
A6 Avant	2.4 L6	G	2004 - 2005
A6 Avant	4.2 L8	G	2007 - 2010
A6 Avant	4.2 L8	G	2005 - 2006
TT	2.0 L4	G	2007 - 2013



06A919501

SEAT:

Cordoba	1.6 L4	G	2003 - 2003
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06A919501 - 06A919501A(B)

VOLKSWAGEN:

Amarok	2.0 L4	EA189	D	2011 - 2013
Amarok	2.0 L4		D	2014 - 2014
Amarok	2.0 L4		D	2010 - 2010
Amarok	2.0 L4		D	2015 - 2019
Fox	1.0 L4	EA111 VHT	F	2010 - 2013
Fox	1.0 L4	EA111 TEC	F	2014 - 2018
Fox	1.6 L4	EA111	F	2010 - 2010
Fox	1.6 L4	EA111 VHT	F	2011 - 2018
Gol	1.0 L4		F	2008 - 2009
Gol	1.0 L4	EA111 VHT	F	2010 - 2012
Gol	1.6 L4	EA111 VHT	F	2008 - 2014
Golf	1.6 L4	EA111 VHT	F	2008 - 2014
Passat	2.0 L4		G	2009 - 2010
Passat	3.2 L6		G	2007 - 2008
Passat	3.2 L6		G	2009 - 2010
Passat Variant	2.0 L4		G	2009 - 2010
Passat Variant	3.2 L6	AXZ	G	2007 - 2010
Polo	1.0 L3	EA211	F	2017 - 2020
Polo	1.0 L4	EA111 AT 16V	G	2002 - 2003
Polo	1.6 L4	EA111	G	2002 - 2003
Polo	1.6 L4	EA111	F	2004 - 2008
Polo	1.6 L4	EA111 VHT	F	2009 - 2015
Polo	2.0 L4	EA113	G	2002 - 2007
Polo	2.0 L4	EA113		2008 - 2008
Polo	2.0 L4	EA113	F	2009 - 2014
Saveiro	1.6 L4	EA111 VHT	F	2009 - 2018
Spacefox	1.6 L4	EA111 VHT	F	2011 - 2018
Touareg	3.2 L6	BMW	G	2005 - 2006
Virtus	1.0 L3		F	2017 - 2021
Voyage	1.0 L4	EA111 VHT	F	2008 - 2012
Voyage	1.0 L4	EA111 TEC	F	2012 - 2017
Voyage	1.6 L4	EA111 VHT	F	2008 - 2019

WS2607

CADILLAC

99760641000

CITROEN

1100736 - 1459209 - 6M2110884AA - XM2110884BA

FORD

A0135427817

MERCEDES-BENZ

MN980152 - MN980264

MITSUBISHI

95510612500(01) - 99760641000

PORSCHE

06A919501 - 06A919501A

SKODA

ECH 7.4067

1089854 - XS6E12A648BA - XS6F12A648BA

FORD:

Courier	1.6 L4	ZETEC ROCAM	G	1999 - 2007
Courier	1.6 L4	ZETEC ROCAM	F	2008 - 2013
Ecosport	1.0 L4	ZETEC ROCAM	G	2003 - 2006
Ecosport	1.6 L4	ZETEC ROCAM	F	2005 - 2012
Escort	1.6 L4	ZETEC ROCAM	G	2000 - 2003
Fiesta	1.0 L4	ZETEC ROCAM	G	2000 - 2004
Fiesta	1.0 L4	ZETEC ROCAM		2005 - 2007
Fiesta	1.0 L4	ZETEC ROCAM	F	2008 - 2014
Fiesta	1.6 L4	ZETEC ROCAM	G	2001 - 2004
Fiesta	1.6 L4	ZETEC ROCAM	F	2004 - 2014
Focus	1.6 L4	ZETEC ROCAM		2003 - 2011
Focus	1.8 L4	ZETEC-S	G	2000 - 2004
Ka	1.0 L4	ZETEC ROCAM		2000 - 2014
Ka	1.6 L4	ZETEC ROCAM	G	2001 - 2006
Ka	1.6 L4	ZETEC ROCAM	F	2007 - 2013



ECH 7.4079

1338A7 - 9636777180 - 96368023

CITROEN:

C5	2.0 L4			2001 - 2007
C5	3.0 L6			2001 - 2007
Evasion	2.0 L4	XU10J2	G	1999 - 2001
Xsara	2.0 L4			1998 - 2000
Xsara	2.0 L4			2001 - 2002

133888 - 1338A7 - 9636777180

CITROEN:

206	1.4 L4	TU3JP	G	2004 - 2005
307	2.0 L4			2003 - 2006
406	2.0 L4	EW10J4		2001 - 2005
406	3.0 L6			2000 - 2000
406	3.0 L6			2001 - 2001
607	3.0 L6		G	2000 - 2005

9636777180

RENAULT:

Laguna	3.0 L6		G	2001 - 2006
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9636777180 - 9628454680

FIAT

8942202020

TOYOTA

9636777180 9628454680

LANCIA



M12 x 1,5

ECH 7.4099

46824133 - 55214054(55) - 71716685 - 71719393

FIAT:

Doblo	1.4 L4	FIRE	F	2010 - 2015
Fiorino	1.3 L4	FIRE	G	2003 - 2008
Fiorino	1.3 L4	FIRE	F	2007 - 2013
Idea	1.4 L4	FIRE	F	2006 - 2016
Palio	1.0 L4	FIRE		2003 - 2013
Palio	1.3 L4	FIRE	G	2002 - 2005
Palio	1.4 L4	FIRE	F	2005 - 2012
Palio Weekend	1.3 L4	FIRE		2003 - 2005
Palio Weekend	1.4 L4	FIRE	F	2005 - 2013
Punto	1.4 L4	FIRE	F	2008 - 2015
Siena	1.0 L4	FIRE		2002 - 2013
Siena	1.3 L4	FIRE	F	2004 - 2005
Siena	1.4 L4	FIRE	F	2005 - 2012
Strada	1.3 L4	FIRE	G	2003 - 2005
Strada	1.4 L4	FIRE	F	2005 - 2012
Uno	1.0 L4	FIRE	G	2002 - 2004
Uno	1.0 L4	FIRE	F	2005 - 2013
Uno	1.3 L4	FIRE	F	2003 - 2013

71719393

LANCIA





ECH 7.4110

96368024 - 9670340380

CITROEN:

C3	1.4 L4	TU3JP		2003 - 2013
C3	1.6 L4		G	2003 - 2005
Xsara Picasso	1.6 L4	TU5JP4	G	2005 - 2006
Xsara Picasso	2.0 L4		G	2005 - 2011

9670340380

PEUGEOT:

206	1.4 L4	TU3JP	F	2006 - 2010
206	1.6 L4			2004 - 2010
206	1.6 L4			2002 - 2003
207	1.4 L4	TU3JP	F	2008 - 2012
207	1.4 L4	TU3JP	F	2013 - 2015
Hoggar	1.4 L4	TU3JP	F	2010 - 2015

3639492

OPEL

3639492

VAUXHALL



M12 x 1,5

ECH 7.4147

55190791 - 77363465

FIAT:

500	1.4 L4		G	2008 - 2016
500	1.4 L4		F	2011 - 2016
Fiorino	1.4 L4	FIRE EVO	F	2013 - 2022
Grand Siena	1.4 L4	FIRE EVO	F/GNV	2012 - 2016
Grand Siena	1.4 L4	FIRE EVO	F	2012 - 2020
Linea	1.4 L4	T-JET	G	2011 - 2012
Mobi	1.0 L4	FIRE EVO	F	2016 - 2022
Palio	1.0 L4	FIRE EVO	F	2011 - 2017
Palio	1.4 L4	FIRE EVO	F	2011 - 2017
Punto	1.4 L4	T-JET	G	2011 - 2017
Punto	1.4 L4	FIRE EVO	F	2014 - 2016
Siena	1.4 L4	FIRE EVO	F	2012 - 2016
Uno	1.0 L4	FIRE EVO	F	2010 - 2017
Uno	1.4 L4	FIRE EVO	F	2010 - 2016



M12 x 1,5

55190791

ABARTH

1535412 - 9S5112A648AA

FORD

55190791 - 77363465

LANCIA

55190791

ALFA ROMEO

55190791(2)

GM

1338270 - 55190791

OPEL

55190791

CHRYSLER

55190791

6807074AA - K680707AA(AB)

JEEP

55190791

VAUXHALL

ECH 7.4111

1338F3(8) - 96566364

CITROEN:

Aircross	1.6 L4	TU5JP4	F	2010 - 2022
Berlingo	1.6 L4	TU5JP4	G	2005 - 2007
C3	1.4 L4			2003 - 2003
C3 Picasso	1.6 L4	TU5JP4		2003 - 2012
C4	1.6 L4	TU5JP4	F	2011 - 2017
C4 Lounge	1.6 L4	TU5JP4	F	2009 - 2013
Ds3	1.6 L4	EP6CDTM	F	2016 - 2017
Ds4	1.6 L4	EP6CDTM	G	2012 - 2016
Xsara Picasso	1.6 L4	EP6CDTM	G	2013 - 2016

13627535068

MINI:

Cooper	1.6 L4	TU5JP4	F	2006 - 2013
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1338F3(8)

PEUGEOT:

206	1.6 L4			2008 - 2016
207	1.6 L4	TU5JP4	F	2005 - 2010
207	1.4 L4			2008 - 2012
208	1.6 L4	TU5JP4	F	2008 - 2015
307	1.6 L4	EC5	F	2013 - 2016
308	1.6 L4	TU5JP4	F	2006 - 2012
308	1.6 L4	EP6CDT	F	2015 - 2015
408	1.6 L4	EP6CDT	F	2016 - 2019
Hoggar	1.6 L4	EP6CDT	F	2016 - 2020
Partner	1.6 L4	TU5JP4	F	2010 - 2015

13627535068 - 7535068

BMW:



M12 x 1,5

ECH 7.4221

25186240

GM:

Classic	1.0 L4	VHC-E	F	2016 - 2016
Cobalt	1.4 L4	NLEV	F	2016 - 2018
Cobalt	1.8 L4	NLEV	F	2016 - 2018
Montana	1.4 L4		F	2016 - 2018
Onix	1.0 L4	SPE/4	F	2013 - 2018
Onix	1.4 L4	SPE/4	F	2013 - 2013
Onix	1.4 L4	SPE/4	F	2014 - 2018
Prisma	1.0 L4	SPE/4	F	2013 - 2018
Prisma	1.4 L4	SPE/4	F	2013 - 2013
Prisma	1.4 L4	SPE/4	F	2014 - 2018
Spin	1.8 L4	NLEV	F	2016 - 2023



M12 x 1,5

1338378 - 25186240

OPEL

25186240

VAUXHALL



ECH 7.5053

500309797 - 7547976

FIAT:

Brava	1.6 L4		G	2000 - 2000
Brava	1.6 L4		G	2001 - 2001
Coupe	2.0 L4		G	1995 - 1997
Fiorino	1.5 L4	FIASA	G	1997 - 2002
Palio	1.0 L4			1999 - 2001
Palio	1.0 L4			2000 - 2001
Palio	1.0 L4		E	2002 - 2002
Palio	1.5 L4	FIASA	G	1996 - 1998
Palio	1.5 L4	FIASA		1999 - 1999
Palio	1.5 L4	FIASA	E	2000 - 2000
Palio	1.5 L4	FIASA	E	2003 - 2003
Palio	1.6 L4	FIASA	G	1996 - 2000
Palio Weekend	1.0 L4	FIASA	G	1999 - 2000
Palio Weekend	1.5 L4	FIASA	G	1997 - 1997
Palio Weekend	1.5 L4	FIASA		1998 - 2000
Siena	1.0 L4	FIASA	G	1999 - 2000
Siena	1.6 L4	FIASA	G	1998 - 1999
Strada	1.5 L4		G	1998 - 2002
Strada	1.6 L4	FIASA	G	1999 - 2002
Tempra	2.0 L4		G	1993 - 1996
Tempra	2.0 L4		G	1997 - 1998
Tempra	2.0 L4		G	1994 - 1997
Tipo	2.0 L4	M6	G	1994 - 1995



M14 x 1,5

0489061611

VOLKSWAGEN:

Parati	2.0 L4	AP 2000	G	1996 - 2000
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60806471

ALFA ROMEO

1639284 - V86HF12A697AA

FORD

500309797

IVECO

7547976

LANCIA

LINHA LEVE INTERRUPTORES DO VENTILADOR



ECHLIN



ECH 8.705.82/68

024212 - 24212
PEUGEOT

M22 x 1,5



ECH 8.705.87/82

M22 x 1,5



ECH 8.705.92/87

GM:

Caravan	2.5 L4	E	1981 - 1992
Chevette	1.4 L4		1974 - 1979
Chevette	1.4 L4	E	1980 - 1982
Kadett	1.8 L4	E	1989 - 1991
Monza	1.8 L4	E	1983 - 1991
Opala	2.5 L4	E	1981 - 1992
Opala	4.1 L6	E	1991 - 1992

4318331 - 60549313 - 60564432

FIAT:

147	1.3 L4	FIASA	E	1979 - 1984
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81NU14806A

FORD:

Escort	1.6 L4	CHT	E	1986 - 1986
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905685090133

MWM:

Motor Estacionário			D	1990 - 1995
Serie 10 / X10	4.3 L4		D	1990 - 1995
Serie 10 / X10	4.3 L4		D	1990 - 1995

823959481A(F/L) - ZBA959481E

VOLKSWAGEN:

Gol	1.6 L4		E	1982 - 1985
Gol	1.6 L4	AP 1600	E	1986 - 1989
Gol	1.6 L4		E	1990 - 1992
Gol	1.6 L4		E	1993 - 1993
Parati	1.6 L4	AP 1600	E	1982 - 1989
Parati	1.6 L4		E	1990 - 1993
Passat	1.5 L4	AP 1500		1974 - 1982
Passat	1.6 L4	AP 1600		1983 - 1989
Passat	1.8 L4	AP 1800		1984 - 1991
Quantum	1.8 L4	AP 1800	E	1985 - 1993
Santana	1.8 L4	AP 1800	E	1985 - 1993
Saveiro	1.6 L4		E	1985 - 1990
Saveiro	1.6 L4		D	1986 - 1989
Saveiro	1.6 L4		E	1990 - 1992
Saveiro	1.6 L4		E	1993 - 1993
Voyage	1.6 L4		E	1988 - 1992
Voyage	1.6 L4		E	1990 - 1993

823959481A

AUDI

21030380820000 - 21033808800
LADA

94460648100

PORSCHE

8330268 - 8533226 - 8561367
8569238 - 9526518
SAAB



M22 x 1,5

ECH 8.705.86/76

94621028

GM:

Caravan	2.5 L4		G	1981 - 1992
Caravan	4.1 L6		G	1981 - 1992
Chevette	1.4 L4		G	1974 - 1982
Kadett	1.8 L4		G	1989 - 1991
Monza	1.8 L4		G	1983 - 1983
Monza	1.8 L4		G	1984 - 1991
Opala	2.5 L4		G	1981 - 1992
Opala	4.1 L6		G	1981 - 1992

FIAT:

147	1.3 L4	FIASA	G	1979 - 1979
147	1.3 L4	FIASA	G	1980 - 1981
147	1.3 L4	FIASA	G	1982 - 1984

FORD:

Escort	1.6 L4	CHT	G	1986 - 1986
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MWM:

Motor Estacionário			D	1990 - 1995
Serie 10 / X10	4.3 L4		D	1990 - 1995
Serie 10 / X10	4.3 L4		D	1990 - 1995

ZBA959481(LAT)

VOLKSWAGEN:

Gol	1.0 L4	CHT	G	1992 - 1996
Gol	1.0 L4	CHT	G	1994 - 1996
Gol	1.6 L4		G	1982 - 1984
Gol	1.6 L4	AP 1600	G	1985 - 1989
Gol	1.6 L4		G	1990 - 1993
Parati	1.6 L4	AP 1600	G	1982 - 1989
Parati	1.6 L4		G	1990 - 1993
Passat	1.5 L4	AP 1500		1974 - 1982
Passat	1.6 L4	AP 1600		1983 - 1989
Passat	1.8 L4	AP 1800		1984 - 1990
Passat	1.8 L4	AP 1800		1991 - 1991
Passat	1.8 L4			1991 - 1991
Quantum	1.8 L4	AP 1800	G	1985 - 1993
Santana	1.8 L4	AP 1800	G	1985 - 1993
Saveiro	1.6 L4		G	1985 - 1985
Saveiro	1.6 L4		G	1986 - 1988
Saveiro	1.6 L4		G	1989 - 1993
Saveiro	1.6 L4		G	1993 - 1993

1160007256(000/0200) - 60506988

ALFA ROMEO:

31071
HOLDEN

126404 - 126413

PEUGEOT

7700748169
RENAULT



M22 x 1,5



ECH 8.725.92/97

46477717 - 60809247 - 60813343

ALFA ROMEO:

145	2.0 L4	G	1996 - 1999
155	2.0 L4	G	1995 - 1998
Spider	3.0 L6	G	1996 - 1996

126433

CITROEN

Jumper	2.0 L4		1997 - 1997
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46477717 - 50005994 - 7655732 - 7738582

FIAT

Brava	1.8 L4	G	2000 - 2002
Brava	1.8 L4	G	2003 - 2003
Coupe	2.0 L4	G	1995 - 1997
Ducato	2.8 L4	D	1999 - 2009
Fiorino	1.6 L4	SEVEL	1993 - 1996
Marea	2.0 L5	G	1998 - 2000
Marea	2.0 L5	G	1998 - 2007
Marea Weekend	2.0 L5	185 A 5011	G 1999 - 2000
Palio	1.0 L4	FIASA	1996 - 2002
Palio	1.3 L4	FIRE	2003 - 2003
Palio	1.5 L4	FIASA	1996 - 1999
Palio	1.6 L4	FIASA	G 2000 - 2000
Palio	1.6 L4	FIASA	1996 - 1999
Palio	1.6 L4	SEVEL	1998 - 2000
Palio Weekend	1.0 L4	FIASA	G 1999 - 2000
Palio Weekend	1.5 L4	FIASA	1999 - 2000
Palio Weekend	1.5 L4	FIASA	2003 - 2004
Palio Weekend	1.6 L4	FIASA	1997 - 2000
Siena	1.0 L4	FIASA	G 2000 - 2000
Siena	1.5 L4		1999 - 2000
Siena	1.5 L4	FIASA	E 2000 - 2000
Siena	1.5 L4	FIASA	E 2003 - 2004
Siena	1.6 L4		G 1998 - 1999
Strada	1.3 L4	FIRE	G 2004 - 2004
Strada	1.5 L4		1999 - 2004
Strada	1.6 L4		G 1999 - 2000
Strada	1.6 L4	FIASA	G 2002 - 2002
Strada	1.6 L4	FIASA	G 2001 - 2001
Tempra	2.0 L4	SEVEL	1992 - 1992
Tempra	2.0 L4	SEVEL	1995 - 1995
Tempra	2.0 L4	SEVEL	1995 - 1995
Tempra	2.0 L4	SEVEL	1997 - 1999
Tempra	2.0 L4	SEVEL	1997 - 1999
Tempra	2.0 L4		1993 - 1994
Tempra	2.0 L4	SEVEL	G 1996 - 1996
Tipo	1.6 L4		G 1993 - 1995
Tipo	1.6 L4		G 1996 - 1997
Tipo	2.0 L4	M6	G 1994 - 1995
Uno	1.4 L4	TURBO	1994 - 1996



M22 x 1,5

ECH 8.726.92/87

126432

CITROEN

Jumper	2.0 L4		1997 - 1998
Jumper	2.0 L4		2000 - 2000

50000969 - 5992746 - 7728057 - 82436410 - 82465533 - 82477919

FIAT

Fiorino	1.3 L4	FIASA	1989 - 1991
Fiorino	1.5 L4	FIASA	1995 - 2002
Fiorino	1.6 L4	SEVEL	G 1993 - 1996
Palio	1.0 L4	FIASA	1996 - 1999
Palio	1.0 L4	FIASA	2001 - 2003
Palio	1.0 L4	FIASA	G 2000 - 2000
Palio	1.3 L4	FIRE	2000 - 2003
Palio	1.3 L4	FIRE	2003 - 2005
Palio	1.5 L4	FIASA	1996 - 1998
Palio	1.6 L4	SEVEL	1998 - 1999
Palio Weekend	1.0 L4	FIASA	G 1999 - 2000
Palio Weekend	1.5 L4	FIASA	1999 - 1999
Palio Weekend	1.6 L4	FIASA	1997 - 2000
Siena	1.0 L4	FIASA	G 1999 - 2000
Siena	1.3 L4	FIRE	2004 - 2005
Siena	1.6 L4	FIASA	1998 - 1999
Siena	1.6 L4	SEVEL	G 1998 - 1999
Siena	1.6 L4	SEVEL	2000 - 2000
Strada	1.3 L4	FIRE	G 2004 - 2004
Strada	1.5 L4		1999 - 2002
Strada	1.6 L4	FIASA	G 1999 - 2001
Strada	1.6 L4	SEVEL	G 1999 - 2000
Tempra	2.0 L4	SEVEL	G 1994 - 1997
Tipo	1.6 L4		G 1993 - 1995
Tipo	1.6 L4		G 1996 - 1997
Uno	1.0 L4	FIASA	1996 - 1996
Uno	1.0 L4	FIASA	1998 - 2000
Uno	1.5 L4	FIASA	1995 - 1997
Uno	1.5 L4	FIASA	1999 - 2002
Uno	1.6 L4	SEVEL	G 1993 - 1996

60585603 - 60808223

ALFA ROMEO

82436410 - 99460557

IVECO

3416584

VOLVO

7748867

FERRARI

126435

PEUGEOT



M22 x 1,5

ECH 8.740.100/95

90242277 - 90277288 - 90506496

GM:

Corsa	1.0 L4	SOHC EFI	G 1994 - 1996
Corsa	1.4 L4	ECONOFLEX	F 2007 - 2012
Corsa	1.4 L4	ECONOFLEX	F 2007 - 2012
Corsa	1.6 L4		G 1996 - 1996
Corsa	1.6 L4		G 1996 - 1996
Corsa	1.6 L4		G 1997 - 1998
Corsa	1.6 L4		G 1997 - 1998
Corsa	1.6 L4		G 1995 - 1995
Corsa	1.6 L4		G 1995 - 1995

1341011(17/47)

OPEL



M22 x 1,5



ECH 8.755.92/81

547959481

FORD:

Escort	1.0 L4		1993 - 1996
Escort	1.6 L4		1993 - 1994
Escort	1.6 L4		2000 - 2003
Escort	1.6 L4	AP	1995 - 1996
Escort	1.8 L4		1993 - 1996
Escort	1.8 L4		1997 - 2003
Escort	2.0 L4	AP	1993 - 1995



M22 x 1,5

547959481

VOLKSWAGEN:

Gol	1.0 L4		2003 - 2005
Gol	1.0 L4	CHT	1994 - 1996
Gol	1.0 L4	EA111 AT	G 1997 - 1997
Gol	1.0 L4	EA111 AT	1998 - 1999
Gol	1.0 L4	EA111 AT	2000 - 2002
Gol	1.6 L4	AP 1600	1995 - 2000
Gol	1.6 L4	AP 1600	2001 - 2005
Gol	1.8 L4	AP 1800	1994 - 2004
Logus	1.6 L4		1993 - 1993
Logus	1.6 L4	AP 1600	1994 - 1997
Logus	1.8 L4	AP 1800	1993 - 1997
Parati	1.0 L4	EA111 AT 16V	G 1997 - 1999
Parati	1.0 L4		G 2000 - 2000
Parati	1.0 L4	EA111 AT 16V	G 2001 - 2001
Parati	1.0 L4	EA111 AT	G 2002 - 2002
Parati	1.0 L4	EA111 AT	G 2003 - 2004
Parati	1.6 L4	AP 1600	2002 - 2004
Parati	1.8 L4	AP 1800	1994 - 2004
Pointer	1.8 L4	AP 1800	1994 - 1997
Saveiro	1.6 L4		2002 - 2004
Saveiro	1.8 L4	AP 1800	1994 - 1997
Saveiro	1.8 L4	AP 1800	2000 - 2004

ECH 8.757.95/102

547959481A

FORD:

Escort	1.6 L4		1993 - 1996
Escort	1.6 L4		1995 - 1996
Escort	1.6 L4		1995 - 1996
Escort	1.6 L4		2000 - 2001
Escort	2.0 L4	AP	1993 - 1995



M22 x 1,5

547959481A

VOLKSWAGEN:

Gol	1.0 L4		2003 - 2005
Gol	1.6 L4	AP 1600	1995 - 2000
Gol	1.6 L4	AP 1600	2001 - 2005
Gol	1.8 L4	AP 1800	1994 - 2004
Logus	1.6 L4		1993 - 1993
Logus	1.6 L4	AP 1600	1994 - 1997
Logus	1.8 L4	AP 1800	1993 - 1997
Parati	1.0 L4	EA111 AT 16V	G 1997 - 2001
Parati	1.6 L4	AP 1600	2002 - 2005
Parati	1.8 L4	AP 1800	1994 - 2004
Parati	2.0 L4	AP 2000	G 1997 - 1998
Parati	2.0 L4	AP 2000	G 1999 - 1999
Parati	2.0 L4	AP 2000	G 2000 - 2004
Pointer	1.8 L4	AP 1800	1994 - 1997
Saveiro	1.6 L4		2002 - 2005
Saveiro	1.8 L4	AP 1800	1994 - 1997
Saveiro	1.8 L4	AP 1800	2000 - 2004

ECH 8.802.95/102

AUDI:

A3	1.6 L4	G	1999 - 2000
A3	1.6 L4	G	2001 - 2003

1J09499481A - 1J0959481A

VOLKSWAGEN:

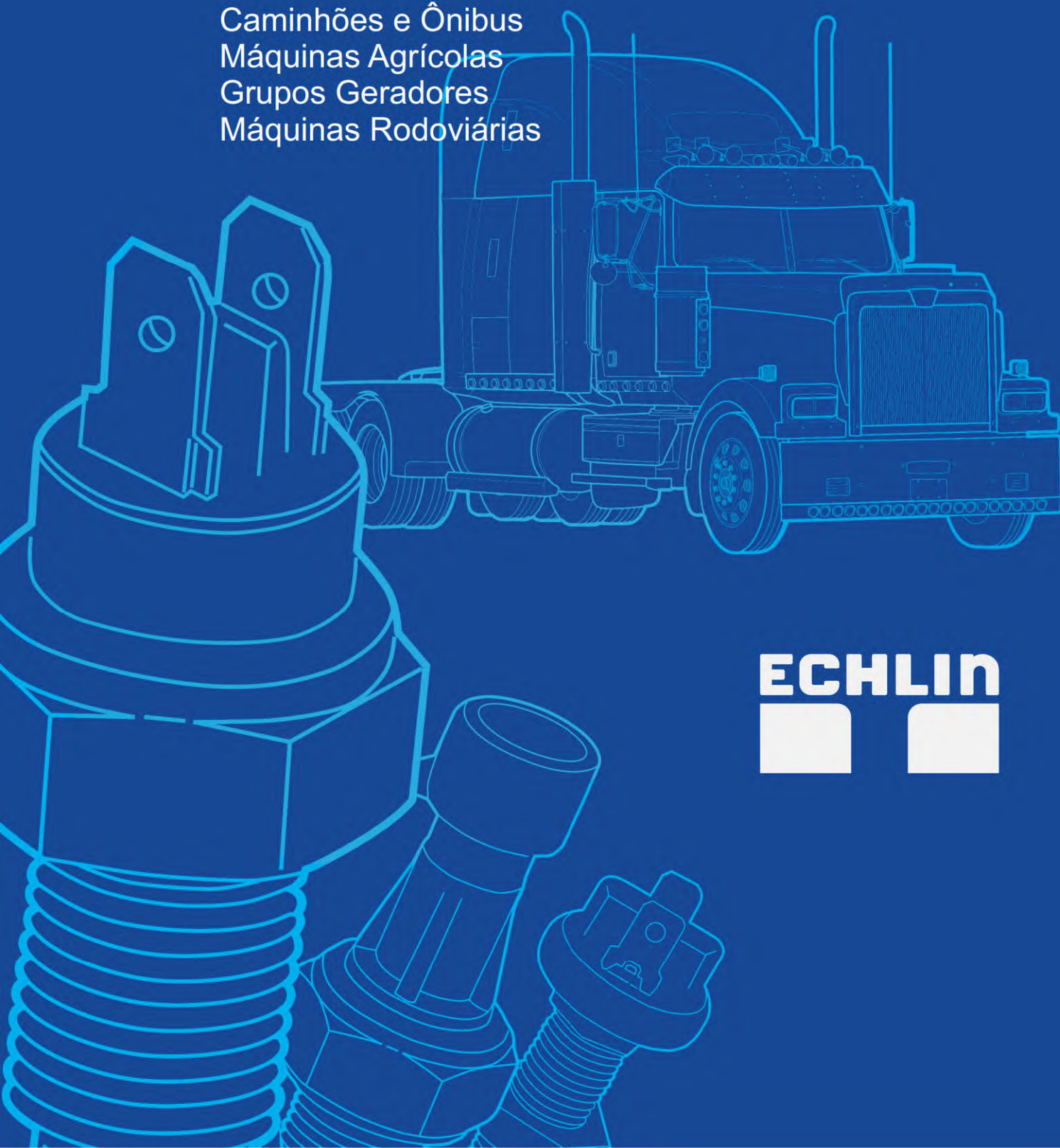
Polo	1.6 L4	EA111	G 2002 - 2003
Polo	1.6 L4	EA111	2004 - 2004
Polo	1.6 L4	EA111	F 2005 - 2006



M22 x 1,5

LINHA PESADA

Caminhões e Ônibus
Máquinas Agrícolas
Grupos Geradores
Máquinas Rodoviárias



ECHLIN
■ ■

LINHA PESADA INTERRUPTORES DE LUZ DE FREIO



ECH 1.311

441.014.025.0
96TU - 18737.AA
FORD: Cargo 714, 814,
815, 1417, 1421, 2425,
2426, 3222.



M12 x 1,5 6,00 bar

ECH 1.312

441.014.022.0
FORD: Sistema
de freio Wabco.



M12 x 1,5 6,00 bar

ECH 1.320

506.300.2018.007
6007.011.006.00.3
AGRALE: Todos.
000.545.01.09 - 345.545.72.09
MERCEDES-BENZ:
Ônibus e Caminhões.
Câmara dupla de
fechamento
com contato de prata.



M10 X 1,0 CONI. 4,50 bar

ECH 1.326

8C45.13480-AA - XC45-13480-BA
FORD: Cargo 712, 814,
815, 815-S, 915, 1217,
1317, 1317E, 1417, 1517,
1517E, 1617, 1621, 16.22,
1630, 1717, 1717E, 1721,
1722, 1722E, 1731, 1832E,
1932, 2422, 2422E, 2622,
2622E, 2425, 2428, 2428E, 2626, 2628,
2630, 2631, 2632, 2632E, 2932E, 3132,
4030, 4031, 4432E, 4532E, 6332E.



M18 x 1,5

ECH 1.346

DQ09686
JOHN DEERE: Tratores.
7119267
VALMET: Tratores
a partir de 1993.



M10 x 1,0 CONI. 4,50 bar

ECH 1.349

80442200
80542100 - 190630
VALTRA / VALMET:
68, 78, 685, 785.



M12 x 1,25

ECH 1.356

A001.545.2409
A634.545.0009
MERCEDES-BENZ:
Ônibus O500.
Caminhões 715, 915, 1214,
1214C, 1723, Accelo, Atego.



ECH 1.360

A364.545.71.09
MERCEDES-BENZ: Freio
de mão ar comprimido:
1313, 1513, 2213, 2314,
2318, 1924, 1929, 1930,
1932, 1933, 1934, 2414.



M16 x 1,5
M27 x 1,0

ECH 1.365

3845457014
MERCEDES-BENZ:
Ônibus, caminhões: O400,
1214, 1418, 11618. Freio
motor.



M14 x 1,5
M27 x 1,0

ECH 1.366

000.545.4909
MERCEDES-BENZ:
Caminhões: 1924, 1929.



M12 x 1,0
M27 x 1,0

ECH 1.374

3085457009
MERCEDES-BENZ:
L608 e L609 ônibus
urbano.



M12 x 1,0

ECH 1.380

T15.945.515
VW: Ônibus e caminhões.
18310, Titan, 1518 eletrônico.



M12 x 1,25

ECH 1.382

288649
SCANIA: Ônibus e
caminhões.



LINHA PESADA INTERRUPTORES DE LUZ DE FREIO



ECH 1.386

BD7T13480A - TJG945515
FORD: F7000, F9000
após 1977, F12000,
F14000.



1/4" x 18
NPTF 0,30 bar

ECH 1.388

688.545.7109 -
693.545.7309
MERCEDES-BENZ: O400,
709, 1518, 1618, 1620,
Sprinter.



M12 x 1,0

ECH 1.400

LANÇAMENTO

1C0.945.511(A.RDW)
1J0.945.511 - 7L6.945.511
VW: Caminhões
Constellation.



LINHA PESADA INTERRUPTORES DE EMBREAGEM

ECH 4.321

85HU.2W067.AA
FORD: Cargo 712,
814, 815, 915, 1317E, 1517E,
1717E, 1722E, 2422E, 2428E,
2622E, 2628E, 2632E, 2932E,
4432E, 4532E, 5032E, 6332E.
T16.945.525
VOLKSWAGEN: Caminhões 8-140.



M18 X 1,5

LINHA PESADA INTERRUPTORES DE PRESSÃO DO ÓLEO

ECH 5.3310

75285485
NEW HOLLAND:
Tratores série TL com
motorização MWVM. TL 60,
TL 60E, TL 75, TL 75E, TL 85,
TL 85E, TL 95, TL 95E.



M10 x 1,0 0,60 bar

ECH 5.3312

021.369-T1
MAXION: Tratores
9150, 9170.



M14 x 1,5 0,40 bar

ECH 5.3313

JOHN DEERE: SLC
6200, motor MB 352
(Mercedes-Benz).



M10 x 1,0
CONI. 0,45 bar

LINHA PESADA

INTERRUPTORES DE PRESSÃO DO ÓLEO

ECHLIN



ECH 5.3318

887283760
MASSEY FERGUSON:
Motores Sisu Power.
887283760
VALTRA: Todos
os modelos.



M10 x 1,0
CONI. 0,80 bar

ECH 5.3323

E6HT9278AA
FORD:
Caminhão Cargo.



1/4" x 18
NPTF 0,60 bar

ECH 5.3325

**UNIVERSAL /
INDUSTRIAL**
STEMAC: Grupos
Geradores
Stemac.



1,8" x 27
NPTF 1,00 bar

ECH 5.3327

2RD.919.081
VOLKSWAGEN:
Caminhões 8150, 9150
com motorização 4 e 6
cilindros.



M10 x 1,0 0,50 bar

ECH 5.3328

BF8T.9278-AA - BF9T.9278-AA
FORD: F 250, F 350, F
4000, F12000, F 14000,
F 16000, Caminhões
Cargo 2426, 2628.



1/4" x 18
NPTF 0,40 bar

ECH 5.3332

90.578.20100.60
MWM: Caminhões Cargo,
Ônibus, Estacionários,
Compressores de ar com
motores 3,4,6 cilindros
(SEM MANÔMETRO).
117400
VALTRA: Tratores



M10 x 1,0
CONI. 0,30 bar

ECH 5.3333

6003.001.044.00.5- 8005.111.033.00.8

Agrale CBT: Tratores.
001.542.6917 - 001.542.7017
345.542.7117 346.542.7117

Mercedes-Benz: Ônibus, caminhões 312, 321, 1111,
1113, sem manômetro. 1113, 1114, 1115, 1116, 1118,
1214, 1313, 1314, 1316, 1317, 1318, 1418, 1513, 1514,
1516, 1517, 1518, 1618, 2013, 2017, 2213.

R75786

New Holland: Colheitadeira 4040/5050.

Toyota: Todos os modelos com motor Mercedes Benz.

Valmet: Tratores.

M10 x 1,0
CON. 0,45 bar



ECH 5.3337

7009.007.014.00.8
AGRALE: 4100, 4200,
4300, Bobcat.



M10 x 1,0
CONI. 0,30 bar

ECH 5.3338

**UNIVERSAL /
INDUSTRIAL**



1/8" x 27
NPTF 1,00 bar

ECH 5.3339

2RD.919.081
90.568.50900.49
MWM: 1210P, 12140 P,
14150, motorização MWM.
250.906.051.A
VOLKSWAGEN:
Caminhões com
motor Sprint.



M10 x 1,0 0,50 bar

ECH 5.3340

B6A9278A

FORD: Cargo 1315, 1415, 1618, 2218, F4000.
930139

MÁQUINAS SVEDALA: Dynapac CA-15, Ca- 25.
(Rolo compressores).

D6NN.9278.A

NEW HOLLAND: Tratores Série 10.



1/4" x 18
NPTF 0,30 bar

ECH 5.3341

5.284.268

POCLAIN
E.064. 421

CASE

BD7T.9178.AA - 3M5Z.11A152.A
3M5T.11A152.AB

FORD: Tratores 4 cil,
4600, 5600, 6600.



1/4" x 18
NPTF 0,30 bar

LINHA PESADA **INTERRUPTORES DE PRESSÃO DO ÓLEO**



ECH 5.3343

2SL.919081 - XC45.9278-AA
FORD: F 12000, F 14000 de 1993 à 1998, Cargo 712, 814, 815, 815 S, 915, 1215, 1415, 1217, 1317, 1417, 1517, 1617, 1717, 1421, 1521, 1621, 1721, 2421, 1622, 1722, 2422, 2622, 3222, 2425, 2426, 2626, 2631, 1731, 2831, 4031, 4331, 5031.

M10 x 1,0
CONI. 0,30 bar



ECH 5.3347

798.551.65
FIAT: Caminhões.

M12 x 1,5 0,50 bar



ECH 5.3348

CUMMINS: Motores ISB 3.9 com 2 interruptores de óleo. Aplicado na parte inferior do motor.
BG5X.9F479-CA
FORD: Cargo leve eletrônico a partir de 2005, médio e pesado eletrônico 2005 - 2011.(1317E, 1517E, 1717E, 1722E, 2622E, 2422E, 2428E, 2628E)
2RO.906.051D - 2RO.919.081
VOLKSWAGEN: Caminhões com motores Cummins 8.150, 9.150, 15.170, 17.250, 24.250, Micro-ônibus 8-150 com motorização MAN.

M14 x 1,5 0,40 bar



ECH 5.3363

6283080M91
MASSEY FERGUSON: Trator linhas 200, 250, 265, 275, 283, 290, 297, 680, 4275, 5000, colheitadeiras linhas 3640, 5650

1/8" x 27
NPT 1,00 bar



ECH 5.3366

E62038
CASE: Tratores 1606877
VOLVO: Ônibus e caminhões.

1/8" x 27
NPTF 0,50 bar



ECH 5.3368

532583
SCANIA: L 110, L 111, LK 140, LK 141, Ônibus: BR 116.

M10 x 1,0
CONI. 0,80 bar



ECH 5.3377

301.021.20
VALTRA: Tratores (sensor de pressão da caixa de câmbio).

M10 x 1,0
CONI. 0,30 bar



ECH 5.3386

6955427217
MERCEDES-BENZ: Caminhões e Ônibus M96, 1214, 1418, 1620.

M14 x 1,5 0,60 bar



ECH 5.3392

VALMET: Tratores.

1/8" x 27
NPTF 0,60 bar



LINHA PESADA INTERRUPTORES DE PRESSÃO DO ÓLEO



ECH 5.3393

3977579

CUMMINS

BH1X-9D290-AA - BG6X - 9D290-AA

FORD: Caminhões e Ônibus com motor Cummins ISCE 8.3L, 4432E, 2632E, 2932E, 5032E, 4532E, 1832E, 6332E, 20721216 - 22708253

VOLVO: VM

2TD.919.081

VOLKSWAGEN: Caminhões e ônibus com motorização Cummins ISCE 8.3L.

M10 x 1,0 0,50 bar



ECH 5.3394

7.522.40.69 - 43.72.485

FIAT ALLIS:

Tratores.

M14 x 1,5 0,50 bar



ECH 5.3398

CASE: Tratores com motorização Cummins.

M10 x 1,0 0,50 bar



LINHA PESADA INTERRUPTORES DE LUZ DE RÉ



ECH 2.4413

344.545.01.06h

345.545.70.06

MERCEDES-BENZ: Ônibus, caminhões OH1313, O326, O364, 1214, 1618.

M24 x 1,0 / M18 x 1,5



ECH 2.4414

000.545.8714

MERCEDES-BENZ: Ônibus e caminhões O 370, O 371.

1662830

VOLVO: B10M.

M24 x 1,0



ECH 2.4416

001.545.1109

000.545.7909 - 001.545.2709

MERCEDES-BENZ: 709, 1214, 1218, 1417, 1418, 1420, Atego 1418 com câmbio de 6 marchas.

M12 x 1,0 / M27 x 1,0



ECH 2.4417

000.545.7106

005.545.7106.ZFh

0501.313.916

MERCEDES-BENZ: 1618, 1620, 2428, 2423 com Transmissão ZF 9S-75.

M18 x 1,5 / M27 x 1,0



ECH 2.4418

130472

SCANIA: 112 com câmbio de 10 marchas de 1992 à 1997, 113.

M18 x 1,5 / M27 x 1,0



ECH 2.4421

000.545.7506 - 050.120.4721

MERCEDES-BENZ: 1418, 1420, 1520, 1618M, 1718A, 1620, 1720, 1718K, 1720K, L1218, L1418, L1620, LK1218, LK1418, LK1620, LK1623, LK1723, OF 1318, OF1417, OF1618, OF1620, OF1721, OH1420, OH1318, OH1418, OH1420, OH1421L, OH1621L

501204721 - 501398812

ZF: Caixa S5-680, S6-680, S5-820, S6-820

M18 x 1,5 / M27 x 1,0



ECH 2.4424

FORD: F 1000, f 4000, F 12000, F 14000, Cargo 1317, 1517, 1521, 1717, 1722, 2422, 2622, 2428, 2628, 1932, 2632, 3132, C 1317, C 1517, C 1521, C 1717, C 1722.



VOLKSWAGEN: Caminhões e ônibus: 12140H, 14150, 14200, 14220, 16170, 16180, 16210, 16220, 24220, 24250, 35300.

M18 x 1,5



15454414
MERCEDES-BENZ: LK
1218, 1418, 1620, 1935,
2217, 2635.



 M18 x 1,5 /
M27 x 1.0 

A001.545.12.09 - A001.545.28.09
A005.545.80.09
MERCEDES-BENZ:
814/914/1114/1218/1418,
CAIXA G3 55.



M12 x 1,0 /
M27 x 1,0

A001.545.17.09 - A001.545.47.09 - A001.545.74.09 - A002.545.02.09

A001.545.17.09 - A001.545.47.09 - A001.545.47.09 - A002.545.02.09
MERCEDES-BENZ: (RE, NEUTRO, TUCHO, TOMADA DE FORÇA), Accele: 1016, 915 C / Actros: 2544 6X2, 2546 6X2, 2548 6X2, 2644 6X4, 2646 6X4, 2648 6X4, 2651 6X4, 2655 6X4, 2660 6X4, 4144 8X4, 4844 8X4, 4848 8X4 / Alegro: 1315 1418 1419 1518 1718 1719 1723 1725 1725 4X4 1726 1726 4X4, 1728 1729 2423 6X2 2425 6X2 2426 6X2 2428 6X2 2429 6X2 / Altron 1319 1624, 2324 6X2, 2729 6X4.
 Axor: 1933, 1933 Euro 5, 2035, 2036, 2040, 2041, 2044, 2533 6X2, 2533 6X2 Euro 5, 2535 6X2, 2536 6X2, 2540 6X2, 2540 6X2 Euro 5, 2541 6X2, 2544 6X2, 2544 6X2 Euro 5, 2640 6X4, 2641 6X4, 2644 6X4, 2644 6X4 Euro 5, 2825 6X4, 2826 6X4, 2828, 6X4, 2831 6X4, 2831 6X4 Euro 5, 3340 6X4, 3341 6X4, 3344 6X4, 3344 6X4 Euro 5, 4140 6X4, 4141 6X4, 4144 6X4, 4144 6X4 Euro 5 / CAMINHÕES: 1215-C, 1318, 1718, 1718-M, 1938, 1938 6X2, 1944, 1944, 2428, 6X4, 2726 6X4, 2726-B 6X4, 2726-K 6X4, 915-E, L 2638, L 2638 6X4, L-1218 Eletrônico, L-1318, L-1418 Eletrônico, L-1620 4X2, L-1620 6X2 Eletrônico, L-1620 6X2, Mecânico, L-1622 4X2, L-1622 6X2 Eletrônico, L-1624 4X2, LK-1218 Eletrônico, LK - 1620, LO-914, LO-915, LO-915 Eletrônico, LS-1938, LS-2638 / ÔNIBUS: O-500-M 1725, O-500-M 1726, O-500-M 1728, O-500-M 1826, O-500-RS, 1636, O-500-RS 1636 EURO 5, O-500-RS 1735, O-500-RS 1833, O-500-RS 1835, Euro 5, O-500-RS 1836 Euro 5, O-500-RSD 2036, O-500-RSD 2042, O-500-RSD 2236, O-500-RSD 2336, O-500-RSD 2436 EURO 5, O-500-RSD 2442, O-500-RSD, 2443 Euro 5, O-500-RSD 2736, O-500-RSD 2736 Euro 5, O-500-RSDD 2742, O-500-RSDD 2743 Euro 5, O-500-U 1723, O-500-U 1725, O-500-U 1726, O-500-U, 1826, OF-1115, OF-1218, OF-1219, OF-1417, OF-1418, OF-1519 Euro 5, OF-1721, OF-1721 Euro 5, OF-1722, OF-1723, OF-1724, OH-1418 Eletrônico, OH-1420, OH-1518, OH-1519, OH-1520, OH-1521, OH-1523, OH-1621-L, OH-1622-L, OH-1623-L, OH-1626-L



M20 x 1,5

A001 - 545.16.14

MERCEDES-BENZ: Caminhões: 1524, 1525, 1622, 1638, 1638S, 1718K, 1720K, 1929, 1932, 1933, 1934, 2423B, 2423K, L1632, L1634, L1638, I1935, L1938, L1942, L2638, LK 1218, LK 1418, LK 1620, LK 2638, LKS2638, LS 1632, LS 1634, LS 1638, LS 1942, LS 2638, HPN 1625, HPN 2325. 212001278

RANDOM: RK 425. RK 430.

212001278
SCANIA: LT 110, LT
 111, LS 110, LS 111.
 1662762
VOLVO: N 10, N 12.
 0501.311.807 - 0501.305.443
ZF: Caixas ZF: 9S-75,
 8S-1350, 16S-1300, 16S-
 1600, 16S-1650, S5-680,
 S6-680.



 M18 x 1,5 /
M27 x 1,0

45456114

MERCEDES-BENZ:
Caminhões Acelo, 712 C,
LO 914, 914 C, 914, 1215
C eletrônico.
501311809

ZF

DIVERSOS: Todos os veículos
com caixa ZF S5-42



M18 x 1,5 /
M27 x 1.0

F4TB.15520AA - C9TZ.15520.C - 6L5Z.15520.A -
88HU.15520.AA

FORD: Ônibus B 1618, B 1621, Caminhões F 4000, F 12000 e F14000 de 1993 à 1998, Cargo Leve eletrônico 2005 em diante, mecânico de 1996 em diante, Cargo médio / pesado eletrônico de 2005 à 2011, mecânico de 1991 à 2006, novo Cargo médio / pesado.

6007.011.346.00.3
AGRALE: 6000 MWM 4.10 TCA, 7500, 7500
 MWM 4.10 TCA, 8500, 9200, Furgovan
 8000, MA 7.5, MA 7.9, MA 8.5, MA 9.2, MA
 10.0. Volare A8 e W8.

3315631
EATON:Caixas FS4005A, FS4205A, FSO4305A,
FSO4305C, FSO4405C, FSO4505A,
RT11710B, RT7608LL, RT8908LL

F4TB.15520AA - C9TZ 15520.C - 6L5Z.15520.A -
88HU.15520.AA

GM: Caminhão 6 - 150.

INTERNATIONAL: 4900

ZF: Caixas S5-420, S5-420 SSO S5-420 HD

IVECO: 150 T.
A005.545.73.14 - A000.545.82.06

MERCEDES-BENZ:
Caminhão 710, Accelo 915 C,
Ônibus LO 712, LO 812, LO 814.
TJG.312.115 - TJG.941.521

VOLKSWAGEN: 7-100, 8-120, 12-140 T, 13-150, 13-180, 15-180, 17-210, 17-300, 17-310, 23-310, 24-220, 24-250, 26-220, 26-260, 26-300, 26-310, 31-260, 31-310, 35-300, 40-300.



9/16"-18 UNF

LINHA PESADA INTERRUPTORES DE LUZ DE RÉ



ECH 2.4467

TE3941521 - TJG941521

VOLKSWAGEN:

Ônibus e caminhões até 1986. 7.100, 110, 120, 8100, 120, 140, 150OD, L80, 9.150OD, 14210, 16210.



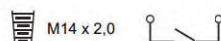
ECH 2.4468

FORD: F 1000, F 4000, F 7000, F 11000, F 12000, F 14000.

GMC: 6-100, 6-150 (Câmbio EATON).

TE6.941.521

VOLKSWAGEN: Ônibus e caminhões após 1986, 11-130, 12-140, 12-170, 13-130, 14-140, 14-150, 16-170, 16-180, 7-110S, 7-90S.



ECH 2.4469

88HU. 15520.AA - C9TZ.15520-C - 6LSZ.15520.A - F4TB.15520.AA

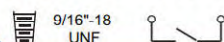
FORD: Caminhões Cargo (todos), F1000, F4000, F12000 F14000, Ônibus: B1618, B 162 3003451

EATON

89HU. 15520.AA - C9TZ.15520-C 6LSZ.15520.A - F4TB.15520.AA

VOLKSWAGEN:

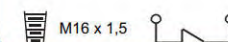
Ônibus e caminhões.



ECH 2.4472

A631.545.0006

MERCEDES-BENZ: MB 100, MB 140, MB 160, MB 180.



ECH 2.4480

15.566.155 - 07.316.598

GM: Caminhões: 12.170, 14.190, 15.190, 16.220, séries A, C, D.



ECH 2.4481

A003.545.1614

MERCEDES-BENZ: LK 1218, 1418, 1525, 1524, 1625, 1620, 1718, 1720, 1929, 1932, 1933, 1934.



LINHA PESADA INTERRUPTORES PNEUMÁTICOS



ECH 10.5500

000.545.4509 - 000.545.6009 - 364.545.7409

MERCEDES-BENZ:

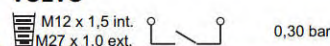
Ônibus e caminhões, 1114, 1118, 1314, 1318, 1514, 1518, 1520, 1524, 1924, 1929, 1933, 1934.

422208

SCANIA

298004

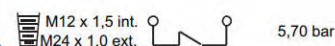
VOLVO



ECH 10.5511

344.545.7514 - 000.545.7914

MERCEDES-BENZ: Ônibus e caminhões.



ECH 10.5522

6007.011.007.00.1

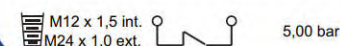
AGRALE: Ar do freio. MA 8.5, caminhão 7500, 8500, cabine 9200, Volare A8, W8, Colômbia.

E064209

J.I.CASE: Ar do freio. Carregadeiras W20, W36.

344.545.7314 - 000.545.4314

MERCEDES-BENZ: Ônibus e caminhões.





ECH 10.5533

344.545.7214 - 000.545.5414

MERCEDES-BENZ: Ônibus e caminhões.
LÂMPADA PILOTO DO RESERVATÓRIO,
1113, 1114, 1115, 1116, 1118, 1214, 1313, 1314, 1316, 1317,
1318, 1418, 1513, 1514, 1516, 1517, 1518, 1618, 2013, 2017,
2213.

M12 x 1,5 int. 5,50 bar
M24 x 1,0 ext.



ECH 10.5544

344.545.7114. -
001.545.4114

MERCEDES-BENZ:
Ônibus e caminhões, 1113,
1114, 1115, 1116, 1118,
1214, 1313, 1314, 1316,
1317, 1318, 1418, 1513,
1514, 1516, 1517, 1518,
1618, 2013, 2017, 2213.

M12 x 1,5 int. 1,00 bar
M24 x 1,0 ext.



ECH 10.5545

A002.545.09.14

MERCEDES-BENZ: Ônibus e caminhões, todos
com TOP BRAKE (freio motor).

A002.545.09.14

VOLKSWAGEN: Caminhões: caixa CLARK antigo.

M12 x 1,5 int. 5,50 bar
M27 x 1,0 ext.



ECH 10.5555

000.545.5214

MERCEDES-BENZ:
Caminhões: 1114, 1118,
1314, 1318, 1514, 1518,
1520, 1524, 1924, 1929,
1933, 1934.

M10 x 1,0 1,00 bar
M24 x 1,0



ECH 10.5556

1361131

SCANIA: Série 3
e série 4, todos.

M12 x 1,5 5,00 bar
CONI.
M24 x 1,0



ECH 10.5577

T.009.455.17

VOLKSWAGEN:
Ônibus e caminhões.

1/4" x 18 4,00 bar
NPTF



ECH 10.5584

20424060

VOLVO: Caminhões
e ônibus.

M16 x 1,5 5,40 bar



ECH 10.5589

693.545.7609 -

384.545.7309

MERCEDES-BENZ:
Ônibus e caminhões.

M12 x 1,5 5,50 bar



ECH 10.5594

2R0.947.561

VOLKSWAGEN: Constellation 13 190, 15 190, 17 330,
19 330, 24 330, 19 390, 25 390, 26 390, 19 420, 25 420, 26 420.

1/8" x 27 5,50 bar
NPTF



ECH 10.5595

A.004.545.5414

MERCEDES-BENZ:
Ônibus e caminhões.

M12 x 1,5 5,50 bar



ECH 3.6611

234736
SCANIA: 111.



M12 x 1,5

ECH 3.6612

314572
SCANIA: 112 - 10
marchas até 1991.



M12 x 1,5 /
M24 x 1,0

ECH 3.6613

1472739 - 370.710
SCANIA: 113.



M18 x 1,5 /
M27 x 1,0

ECH 3.6616

1010127
EATON
BH1X-7E194-AA
FORD: Cargo 2622 E, 2623, 2628E, 2629,
1932 E, 1933, 2632 E, 3132 E, 3133.
BH1X-7E194-AA
INTERNATIONAL: 9800 L.
42531807 - 503356283
IVECO: Eurocargo 260E25, Eurotech
450E37, Stralis, Stradale 240E25S, Tector,
Trakker.

42531807 - 503356283
MAN: 15-190 EOD, 17-230 EOD, 17-260 EOD,
17-280, 17-330, 19-330, 19-400, 24-280, 24-
330, 25-390, 25-400, 26-280, 26-400, 31-280,
31-330, 31-400.
42531807 - 503356283
MERCEDES-BENZ: O 400 SER, O 400 RSD, O
500 R, L 1728, OF 1730, OF 1732, IBC 1830,
IBC 1833, Atron 1635, 2423 K.
42531807 - 503356283
SCANIA: F-95.
1662939 - 21265985
VOLVO: VM 260, VM 270, FH 12, NH 12.

270.919.823 - 2V5.919.457.A
VOLKSWAGEN: Caminhões:
8 160E, 18 310, 19 320,
19 320E, 19 370, 25 320E, 25
370, 31 320, 31 320E, 31 370.
0501.210.058 - 0501.331.660
ZF



M18 x 1,5

ECH 3.6617

013.945.415.A
VOLKSWAGEN:
Constellation: 13 190, 15
190, 19 330, 19 390, 25
390, 26 390, 19 420, 25
420, 26 420.



M18 x 1,5

ECH 3.6624

6025.004.025.00.4
AGRALE: 6500, 8500, 8700, 9200,
A7500, 10000, 13000, 14000, MA 15,
MA 17, MT 15, V8, Volare A5, Volare
A6, Volare V5, Volare V6, Volare W12,
W8, W9, V7, Marruá, A7500, MA7.9,
MA8.5, MA9.2, MA9.6, MA10.0,
MA11.0.

4304809
EATON
500056345
IVECO: Eurocargo 260E25, Trakker.
270.919.823A-A
VOLKSWAGEN: Ônibus e caminhões:
5 140, 8 120, 8 150, 13 170E, 13 190,
13 180E, 13 190E, 15 170 E, 15 180E,
15 190E, 15 210, 17 190E, 17 210 E, 17
230, 17 230E, 17 250, 17 250E, 17 260E,
18 310, 18 320E, 18 330, 18 330E, 23
210E, 23 260E, 23 250E, 24 250E, 24 230,
24 330, 26 260.



3/4-16 UNF

ECH 3.6626

A001.545.16.09 - A001.545.73.09
MERCEDES-BENZ: Caminhões: Atego (1729, 2429), Atron 2729,
Axor 1933,2523. Caixas: G100-2, G131-9, G141 -9, G181-9, G210-16,
G211-16, G211-9, G230-16, G231-16, G240-16, G260-16.
Ônibus / caixas: GO 170, GO 190, GO 210, GO 230, GO 4/160.



M20 x 1,5

ECH 3.6636

2S0.941.503
VOLKSWAGEN:
Constellation 13 190, 15
190, 17 190.



M16 x 1,5



ECH 6.7700

6007.011.126.00.9

AGRALE: OBS: WK - LIGA A LÂMPADA DO ALARME, G - LIGA O INDICADOR DE PRESSÃO DO PAINEL.

360002001R - 84268384

CNH: Máquinas agrícolas. OBS: WK - LIGA A LÂMPADA DO ALARME, G- LIGA O INDICADOR DE PRESSÃO DO PAINEL.

360002001R - 752.361.12

FIAT ALLIS : Pá carregadeira, todas. OBS: WK - LIGA A LÂMPADA DO ALARME. G - LIGA O INDICADOR DE PRESSÃO DO PAINEL.

360002001R - TL2.919.075

FORD: F4.000, F 10.000, F11.000, F12.000, F13.000, F21.000, todos com motorização MWM D 229, 4 e 6 cilindros. OBS: WK - LIGA A LÂMPADA DO ALARME. LIGA O INDICADOR DE PRESSÃO DO PAINEL.

360002001R - 1.224.456.H1

KOMATSU: Trator. OBS: WK- LIGA A LÂMPADA DO ALARME. LIGA O INDICADOR DE PRESSÃO DO PAINEL.

360002001R

VOLKSWAGEN: 11 130 até 35 300, todos com motorização MWM D 229 4 e 6 cilindros. OBS: WK LIGA A LÂMPADA DO ALARME. G- LIGA O INDICADOR DE PRESSÃO DO PAINEL.



SENSOR MECÂNICO DE PRESSÃO



M10 X 1,0
CONI.

Escala 0 a 10 bar

ECH 6.7713

360004002R

MERCEDES-BENZ: Do óleo. OM 364 / 366, OMC 1421, 1421 LN, 1425, 1425L, 1425 ALN, 1625 ALN. WK- LIGA A LÂMPADA DO ALARME. G- LIGA O INDICADOR DE PRESSÃO DO PAINEL.



SENSOR MECÂNICO DE PRESSÃO



M14 x 1,5

Escala 0 a 5 bar
Alarme 0,25 bar



ECH 7.3022L

0005423717 - 0015422317 - 3455427717
A0005423717 - A0015422317 - A3455427717

MERCEDES-BENZ:

L 1720	6.0 L6	1984 - 1989
912 L	4.0 L4	1988 - 1989
L 1113	5.7 L6	1971 - 1983
L 1114	5.7 L6	1986 - 1989
L 1115	5.7 L6	1985 - 1987
L 1118	5.7 L6	1987 - 1989
L 1214	6.0 L6	1989 - 1989
L 1218	6.0 L6	1989 - 1989
L 1313	5.7 L6	1971 - 1983
L 1314	5.7 L6	1987 - 1989
L 1315	5.7 L6	1980 - 1980
L 1316	5.7 L6	1975 - 1987
L 1316 M	5.7 L6	1975 - 1980
L 1317	5.7 L6	1986 - 1989
L 1318	5.7 L6	1987 - 1989
L 1319	6.0 L6	1984 - 1986
L 1414	6.0 L6	1989 - 1989
L 1418	6.0 L6	1989 - 1989
L 1418 E	6.0 L6	1989 - 1989
L 1513	5.7 L6	1971 - 1987
L 1514	5.7 L6	1987 - 1989
L 1516	5.7 L6	1975 - 1986
L 1517	5.7 L6	1986 - 1987
L 1518	5.7 L6	1987 - 1989
L 1519	9.7 L5	1972 - 1987
L 1614	6.0 L6	1989 - 1989
L 1618	6.0 L6	1989 - 1989
L 1621	6.0 L6	1989 - 1989
L 2013	5.7 L6	1971 - 1987
L 2014	5.7 L6	1987 - 1989
L 2213	5.7 L6	1971 - 1987
L 2213	5.7 L6	1976 - 1987
L 2214	5.7 L6	1987 - 1989
L 2215	6.0 L6	1985 - 1986
L 2216	5.7 L6	1976 - 1987
L 2217	5.7 L6	1987 - 1989
L 2219	9.7 L5	1978 - 1987
L 2220	9.7 L5	1987 - 1989
L 2225	9.7 L5	1989 - 1989
L 608 D	3.8 L4	1972 - 1987
L 708 E	3.8 L4	1987 - 1989
L 709	4.0 L4	1988 - 1989
LA 1313	5.7 L6	1973 - 1980
LA 1418	6.0 L6	1989 - 1989
LAK 1313	5.7 L6	1971 - 1983
LAK 1317	5.7 L6	1987 - 1989
LAK 1418	6.0 L6	1989 - 1989
LB 2213	5.7 L6	1972 - 1987
LB 2216	5.7 L6	1976 - 1987
LB 2217	5.7 L6	1987 - 1989
LB 2219	9.7 L5	1978 - 1987
LB 2220	9.7 L5	1987 - 1989
LK 1113	5.7 L6	1973 - 1989
LK 1114	5.7 L6	1986 - 1989
LK 1118	5.7 L6	1987 - 1987
LK 1118	5.7 L6	1989 - 1989
LK 1214	6.0 L6	1989 - 1989
LK 1316	5.7 L6	1975 - 1987
LK 1317	5.7 L6	1986 - 1987
LK 1318	5.7 L6	1987 - 1989
LK 1414	6.0 L6	1989 - 1989
LK 1418 E	6.0 L6	1989 - 1989
LK 1513	5.7 L6	1971 - 1987
LK 1514	5.7 L6	1987 - 1989
LK 1517	5.7 L6	1986 - 1987
LK 1518	5.7 L6	1987 - 1989
LK 1519	9.7 L5	1976 - 1987
LK 1618	6.0 L6	1989 - 1989
LK 1621	6.0 L6	1989 - 1989
LK 2213	5.7 L6	1972 - 1987

LK 2214	5.7 L6	1987 - 1989
LK 2216	5.7 L6	1976 - 1987
LK 2217	5.7 L6	1987 - 1989
LK 2219	9.7 L5	1978 - 1987
LK 2220	9.7 L5	1987 - 1989
LO 1114	5.7 L6	1987 - 1989
LO 1116	5.7 L6	1984 - 1984
LO 603	3.8 L4	1975 - 1979
LO 608	3.8 L4	1980 - 1987
LO 708	3.8 L4	1987 - 1989
LO 812	4.0 L4	1988 - 1989
LO/OH 1517	9.6 L5	1980 - 1987
LP 1520	10.8 L6	1971 - 1972
LP 1520	10.8 L6	1987 - 1989
LP 312	3.9 L4	1971 - 1971
LPO 1113	5.7 L6	1980 - 1983
LPO/LP	5.7 L6	1971 - 1979
LS 1113	5.7 L6	1973 - 1989
LS 1519	9.7 L5	1973 - 1987
LS 1524	9.7 L5	1985 - 1987
LS 1525	9.7 L5	1987 - 1989
LS 1924	11.6 L6	1976 - 1983
LS 1924	11.6 L6	1980 - 1984
LS 1929	11.6 L6	1983 - 1987
LS 1932	11.6 L6	1985 - 1988
LS 1933	11.6 L6	1987 - 1989
LS 1934	11.6 L6	1988 - 1989
O 321		1971 - 1971
O 326	5.6 L6	1971 - 1979
O 352	5.7 L6	1971 - 1971
O 355	11.6 L6	1974 - 1978
O 362	5.7 L6	1971 - 1979
O 364	9.6 L5	1979 - 1987
O 364	9.7 L5	1977 - 1987
O 365	9.7 L5	1987 - 1988
O 370	11.6 L5	1985 - 1987
O 370	11.6 L6	1984 - 1987
O 370	11.6 L6	1985 - 1987
O 370	11.6 L6	1987 - 1989
O 370	9.7 L5	1986 - 1987
O 371	11.6 L6	1987 - 1989
O 371	12.0 L6	1987 - 1989
O 371	6.0 L6	1987 - 1989
O 371	9.6 L5	1987 - 1989
O 371	9.7 L5	1987 - 1989
OF 1113	5.7 L6	1982 - 1987
OF 1115	6.0 L6	1987 - 1989
OF 1313	5.7 L6	1971 - 1979
OF 1314	5.7 L6	1987 - 1988
OF/OH/1316	5.7 L6	1980 - 1987
OH 1313	5.7 L6	1980 - 1987
OH 1315	6.0 L6	1987 - 1989
OH 1317	5.7 L6	1988 - 1989
OH 1419	9.7 L5	1980 - 1987
OH 1420	6.0 L6	1987 - 1989
OH 1517	9.7 L5	1976 - 1979
OH 1518	5.7 L6	1987 - 1989
OH 1520	9.7 L5	1989 - 1989
OM 352	5.7 L6	1987 - 1988
OM 352	5.7 L6	1989 - 1989

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SCANIA

R 112	11.0 L6	1989 - 1991
R 113	11.0 L6	1991 - 1998
R 142	14.2 L8	1989 - 1991
R 142	14.2 L8	1989 - 1989
T 112	11.0 L6	1988 - 1989
T 112	11.0 L6	1989 - 1989
T 112	11.0 L6	1990 - 1991
T 113	11.0 L6	1991 - 1992
T 113	11.0 L6	1993 - 1998
T 142	14.2 L8	1988 - 1989
T 143	14.2 L8	1988 - 1992

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VALTRA

685C 4X2	2.9 L3	D 229-3	1993 - 1994
685C 4X4	2.9 L3	D 229-3	1993 - 1994



M14 x 1,5

ECH 7.6001

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MERCEDES-BENZ:

Caminhões e Ônibus todos 96/>



M14 x 1,5

SENSOR DE NÍVEL DO RADIADOR

3RHO	ECHLIN
310	ECH 1.310
311	ECH 1.311
312	ECH 1.312
319	ECH 1.319
320	ECH 1.320
321	ECH 4.321
323	ECH 1.323
326	ECH 1.326
330	ECH 1.330
340	ECH 1.340
341	ECH 1.341
345	ECH 1.345
346	ECH 1.346
349	ECH 1.349
354	ECH 1.354
355	ECH 1.355
356	ECH 1.356
357	ECH 4.357
359	ECH 1.359
360	ECH 1.360
362	ECH 1.362
363	ECH 1.363
365	ECH 1.365
366	ECH 1.366
367	ECH 1.367
370	ECH 1.370
371	ECH 1.371
372	ECH 1.372
373	ECH 1.373
374	ECH 1.374
376	ECH 1.376
379	ECH 1.379
380	ECH 1.380
381	ECH 1.381
382	ECH 1.382
383	ECH 1.383
384	ECH 1.384
385	ECH 1.385
386	ECH 1.386
388	ECH 1.388
393	ECH 1.393
395	ECH 1.395
396	ECH 1.396
397	ECH 1.397
399	ECH 1.399
400	ECH 1.400
405	ECH 1.405
408	ECH 4.408
409	ECH 1.409
411	ECH 1.411
442	ECH 4.442

MARFLEX	ECHLIN
7000	ECH 2.4435
7000	ECH 2.4474
7002	ECH 2.4411
7004	ECH 2.4433
7007	ECH 2.4419
7008	ECH 2.4444
7009	ECH 2.4477
7012	ECH 2.4422
7013	ECH 2.4455
7014	ECH 2.4466
7015	ECH 2.4488
7016	ECH 2.4477
7019	ECH 2.4499
7022	ECH 1.411
7028	ECH 1.340
7029 / 7432	ECH 1.374
7034	ECH 1.310
7034	ECH 1.310
7035	ECH 1.320
7036 / 7431	ECH 1.373
7039	ECH 1.330
7041	ECH 1.360
7044	ECH 1.370
7048	ECH 1.372
7050	ECH 1.371
7102	ECH 5.3325
7103	ECH 5.3340
7104	ECH 5.3391
7105	ECH 5.3392
7106	ECH 5.3382
7107	ECH 5.3396
7108	ECH 5.3395
7109	ECH 5.3389
7112	ECH 5.3398
7116	ECH 5.3317
7118	ECH 5.3314
7119	ECH 5.3351
7120	ECH 5.3301
7121	ECH 5.3315
7125	ECH 5.3308
7127	ECH 5.3310
7128	ECH 5.3352
7130	ECH 5.3305
7132 / 7297	ECH 5.3334
7133	ECH 5.3357
7134	ECH 5.3359
7135	ECH 5.3361
7137	ECH 5.3318
7146	ECH 5.33100
7161	ECH 5.33112
7171	ECH 5.3311

OLIMPIC	ECHLIN
13011	ECH 5.3370
13012	ECH 5.3369
13013	ECH 5.3372
13014	ECH 5.3393
13015	ECH 5.3327
13016	ECH 5.3344
13017	ECH 5.3399
13018	ECH 5.3373
13019	ECH 5.3311
13020	ECH 5.3323
13021	ECH 5.3324
13022	ECH 5.3378
13023	ECH 5.3374
13024	ECH 5.3355
13025	ECH 5.3379
13026	ECH 5.3345
13027	ECH 5.3356
13028	ECH 5.3346
13029	ECH 5.3347
13030	ECH 5.3350
13031	ECH 5.3333
13032	ECH 5.3332
13034	ECH 5.3380
13035	ECH 5.3381
13036	ECH 5.3368
13038	ECH 5.3375
13039	ECH 5.3335
13040	ECH 5.3376
13041	ECH 5.3382
13041	ECH 5.3384
13044	ECH 5.3395
13045	ECH 5.3385
13053	ECH 5.3396
13056	ECH 5.3387
13057	ECH 5.3389
13058	ECH 5.3371
13059	ECH 5.3367
13061	ECH 5.3349
13062	ECH 5.3317
13063	ECH 5.3366
13064	ECH 5.3391
13065	ECH 5.3386
13066	ECH 5.3300
13067	ECH 5.3339
13068	ECH 5.3348
13069	ECH 5.3341
13070	ECH 5.3343
13073	ECH 5.3392
13074	ECH 5.3377
13075	ECH 5.3318
13076	ECH 5.3312

3RHO	ECHLIN
3300	ECH 5.3300
3301	ECH 5.3301
3305	ECH 5.3305
3308	ECH 5.3308
3310	ECH 5.3310
3311	ECH 5.3311
3312	ECH 5.3312
3313	ECH 5.3313
3314	ECH 5.3314
3315	ECH 5.3315
3317	ECH 5.3317
3318	ECH 5.3318
3321	ECH 5.3321
3323	ECH 5.3323
3324	ECH 5.3324
3325	ECH 5.3325
3327	ECH 5.3327
3328	ECH 5.3328
3332	ECH 5.3332
3333	ECH 5.3333
3334	ECH 5.3334
3335	ECH 5.3335
3337	ECH 5.3337
3338	ECH 5.3338
3339	ECH 5.3339
3340	ECH 5.3340
3341	ECH 5.3341
3343	ECH 5.3343
3344	ECH 5.3344
3345	ECH 5.3345
3346	ECH 5.3346
3347	ECH 5.3347
3348	ECH 5.3348
3349	ECH 5.3349
3350	ECH 5.3350
3351	ECH 5.3351
3352	ECH 5.3352
3355	ECH 5.3355
3356	ECH 5.3356
3357	ECH 5.3357
3359	ECH 5.3359
3361	ECH 5.3361
3363	ECH 5.3363
3365	ECH 5.3365
3366	ECH 5.3366
3367	ECH 5.3367
3368	ECH 5.3368
3369	ECH 5.3369
3370	ECH 5.3370
3371	ECH 5.3371
3372	ECH 5.3372

MARFLEX	ECHLIN
7172	ECH 5.3300
7178	ECH 5.3374
7179	ECH 5.3323
7180	ECH 5.3372
7184	ECH 5.3369
7185	ECH 5.3399
7186E	ECH 5.3337
7186E	ECH 5.3343
7186E / 7284	ECH 5.3370
7278 / 7299	ECH 5.3380
7278 / 7299	ECH 5.3397
7187	ECH 5.3345
7187	ECH 5.3349
7187	ECH 5.3394
7189	ECH 5.3312
7189	ECH 5.3344
7191	ECH 5.3341
7193	ECH 5.3335
7195	ECH 5.3378
7198	ECH 5.3313
7198	ECH 5.3318
7198	ECH 5.3333
7266	ECH 5.3356
7268	ECH 5.3347
7269	ECH 5.3346
7270	ECH 5.3379
7271	ECH 5.3348
7271	ECH 5.3373
7272	ECH 5.3368
7273	ECH 5.3324
7274	ECH 5.3332
7275	ECH 5.3375
7276	ECH 5.3355
7277	ECH 5.3371
7278	ECH 5.3380
7278	ECH 5.3397
7279	ECH 5.3381
7280	ECH 5.3384
7281	ECH 5.3388
7283	ECH 5.3327
7283	ECH 5.3339
7283	ECH 5.3393
7284	ECH 5.3390
7284	ECH 5.3370
7285	ECH 5.3350
7286	ECH 5.3376
7287	ECH 5.3385
7288	ECH 5.3386
7289	ECH 5.3366
7290	ECH 5.3387
7293	ECH 5.3367

OLIMPIC	ECHLIN
13077	ECH 5.3313
13078	ECH 5.3337
13082	ECH 5.3308
13083	ECH 5.3310
13084	ECH 5.3390
13085	ECH 5.3314
13088	ECH 5.3351
14111	ECH 1.310
14112	ECH 1.330
14117	ECH 1.371
14118	ECH 4.376
14119	ECH 1.340
14120	ECH 1.372
14121	ECH 1.320
14123	ECH 1.366
14124	ECH 1.370
14125	ECH 1.373
14126	ECH 1.374
14127	ECH 1.395
14128	ECH 1.380
14129	ECH 1.360
14130	ECH 1.362
14131	ECH 1.363
14133	ECH 1.379
14135	ECH 1.396
14136	ECH 1.397
14139	ECH 1.355
14140	ECH 1.354
14147	ECH 1.367
14156	ECH 4.357
14158	ECH 4.408
14160	ECH 1.381
14161	ECH 1.384
14162	ECH 1.341
14163	ECH 1.359
14167	ECH 1.405
14171	ECH 1.411
14175	ECH 1.400
14178	ECH 1.319
14180	ECH 1.399
14181	ECH 1.409
14198	ECH 1.393
15222	ECH 2.4411
15223	ECH 2.4444
15224	ECH 2.4422
15225	ECH 2.4499
15226	ECH 2.4467
15227	ECH 2.4468
15228	ECH 2.4423
15229	ECH 2.4424
15231	ECH 2.4455

3RHO	ECHLIN
3373	ECH 5.3373
3374	ECH 5.3374
3375	ECH 5.3375
3376	ECH 5.3376
3377	ECH 5.3377
3378	ECH 5.3378
3379	ECH 5.3379
3380	ECH 5.3380
3381	ECH 5.3381
3382	ECH 5.3382
3383	ECH 5.3383
3384	ECH 5.3384
3385	ECH 5.3385
3386	ECH 5.3386
3387	ECH 5.3387
3388	ECH 5.3388
3389	ECH 5.3389
3390	ECH 5.3390
3391	ECH 5.3391
3392	ECH 5.3392
3393	ECH 5.3393
3394	ECH 5.3394
3395	ECH 5.3395
3396	ECH 5.3396
3397	ECH 5.3397
3398	ECH 5.3398
3399	ECH 5.3399
33100	ECH 5.33100
33112	ECH 5.33102
4411	ECH 2.4411
4412	ECH 2.4412
4413	ECH 2.4413
4414	ECH 2.4414
4415	ECH 2.4415
4416	ECH 2.4416
4417	ECH 2.4417
4418	ECH 2.4418
4419	ECH 2.4419
4420	ECH 2.4420
4421	ECH 2.4421
4422	ECH 2.4422
4423	ECH 2.4423
4424	ECH 2.4424
4426	ECH 2.4426
4427	ECH 2.4427
4428	ECH 2.4428
4429	ECH 2.4429
4430	ECH 2.4430
4432	ECH 2.4432
4433	ECH 2.4433
4434	ECH 2.4434

MARFLEX	ECHLIN
7294	ECH 5.3321
7295	ECH 5.3338
7296	ECH 5.3328
7298	ECH 5.3377
7299	ECH 5.3383
7304	ECH 10.5533
7305	ECH 10.5577
7309	ECH 10.5522
7310	ECH 10.5511
7320	ECH 10.5544
7321	ECH 10.5500
7322	ECH 10.5555
7325	ECH 10.5589
7330	ECH 10.5594
7331	ECH 10.5556
7332	ECH 10.5545
7335	ECH 10.5595
7340	ECH 10.5584
7405	ECH 1.323
7409	ECH 1.319
7415	ECH 1.400
7419	ECH 1.409
7421 / 7052	ECH 1.405
7526 / 7526-A	ECH 2.4413
7527 / 7527-A	ECH 2.4414
7529-A	ECH 2.4418
7531-A	ECH 2.4416
7535 / 7535-A	ECH 2.4417
7538-A	ECH 2.4420
7539 / 7539-A	ECH 2.4421
7544 / 7544-A	ECH 2.4449
7547 / 7547-A	ECH 2.4427
7560 / 7560-A	ECH 2.4441
7568 / 7568-A	ECH 2.4450
7601 / 7601-A	ECH 3.6612
7602/7602-A	ECH 3.6613
7427	ECH 1.385
7429	ECH 1.386
7430	ECH 1.370
7433	ECH 1.382
7437	ECH 1.388
7438	ECH 1.379
7439	ECH 1.381
7440	ECH 1.383
7441	ECH 1.380
7449	ECH 1.362
7450	ECH 1.363
7452	ECH 1.365
7453	ECH 1.366
7454	ECH 1.384
7455	ECH 1.393

OLIMPIC	ECHLIN
15232	ECH 2.4488
15233	ECH 2.4477
15234	ECH 2.4466
15235	ECH 2.4478
15236	ECH 2.4433
15237	ECH 2.4434
15238	ECH 2.4435
15239	ECH 2.4413
15240	ECH 2.4414
15241	ECH 2.4416
15242	ECH 2.4417
15243	ECH 2.4418
15244	ECH 2.4420
15245	ECH 2.4421
15246	ECH 2.4412
15247	ECH 2.4415
15248	ECH 2.4419
15249	ECH 2.4469
15251	ECH 2.4429
15252	ECH 2.4430
15254	ECH 2.4426
15256	ECH 2.4489
15259	ECH 2.4440
15264	ECH 2.4437
15265	ECH 2.4445
15267	ECH 2.4460
15268	ECH 2.4490
15269	ECH 2.4473
15270	ECH 2.4443
15279	ECH 2.4474
15280	ECH 2.4450
15284	ECH 2.4432
15285	ECH 2.4451
15299	ECH 2.44105
15230 / 15260	ECH 2.4479
13016 / 13049	ECH 5.3334
13020 / 13072	ECH 5.3340
15255 / 15262	ECH 4.4428

3RHO	ECHLIN
4435	ECH 2.4435
4437	ECH 2.4437
4440	ECH 2.4440
4441	ECH 2.4441
4443	ECH 2.4443
4444	ECH 2.4444
4445	ECH 2.4445
4449	ECH 2.4449
4450	ECH 2.4450
4451	ECH 2.4451
4453	ECH 2.4453
4455	ECH 2.4455
4458	ECH 2.4458
4460	ECH 2.4460
4461	ECH 2.4461
4465	ECH 2.4465
4466	ECH 2.4466
4467	ECH 2.4467
4468	ECH 2.4468
4469	ECH 2.4469
4472	ECH 2.4472
4473	ECH 2.4473
4474	ECH 2.4474
4476	ECH 2.4476
4477	ECH 2.4477
4478	ECH 2.4478
4479	ECH 2.4479
4480	ECH 2.4480
4481	ECH 2.4481
4487	ECH 2.4487
4488	ECH 2.4488
4489	ECH 2.4489
4490	ECH 2.4490
4499	ECH 2.4499
44105	ECH 2.44105
44108	ECH 2.44108
44111	ECH 2.44111
44124	ECH 2.44124
5500	ECH 10.5500
5511	ECH 10.5511
5522	ECH 10.5522
5533	ECH 10.5533
5544	ECH 10.5544
5545	ECH 10.5545
5555	ECH 10.5555
5556	ECH 10.5556
5577	ECH 10.5577
5584	ECH 10.5584
5589	ECH 10.5589
5594	ECH 10.5594
5595	ECH 10.5595

MARFLEX	ECHLIN
7457	ECH 1.395
7458	ECH 1.396
7459	ECH 1.397
7461	ECH 1.399
7462	ECH 1.311
7463	ECH 1.312
7467	ECH 1.367
7474	ECH 1.356
7478	ECH 1.341
7481	ECH 1.346
7482	ECH 1.354
7483	ECH 1.355
7484	ECH 1.359
7488	ECH 1.345
7491	ECH 1.349
7499	ECH 1.326
7501	ECH 2.4476
7504	ECH 2.44105
7506	ECH 2.44108
7509	ECH 2.4411
7522	ECH 2.4434
7525	ECH 2.4412
7528	ECH 2.4424
7530	ECH 2.4467
7532	ECH 2.4479
7533	ECH 2.4415
7534	ECH 2.4468
7534	ECH 2.4480
7536	ECH 2.4478
7537	ECH 2.4469
7540	ECH 2.4423
7542	ECH 2.4437
7543	ECH 2.4489
7546	ECH 2.4426
7548	ECH 4.4428
7549	ECH 2.4429
7550	ECH 2.4430
7554	ECH 2.4472
7555	ECH 2.4432
7558	ECH 2.4490
7559	ECH 2.4440
7562	ECH 2.4443
7563	ECH 2.4445
7564	ECH 2.4473
7569	ECH 2.4451
7572	ECH 2.4487
7573	ECH 2.4460
7575	ECH 2.4458
7576	ECH 2.4453
7580	ECH 2.4461
7584	ECH 2.4465

CROSS REFERENCE

3RHO	ECHLIN
6611	ECH 3.6611
6612	ECH 3.6612
6613	ECH 3.6613
6616	ECH 3.6616
6617	ECH 3.6617
6624	ECH 3.6624
6626	ECH 3.6626
6636	ECH 3.6636
7700	ECH 6.7700
7713	ECH 6.7713
9901	ECH 9.9901
9902	ECH 9.9902
9903	ECH 9.9903
9904	ECH 9.9904
9905	ECH 9.9905
9906	ECH 9.9906
9907	ECH 9.9907

MARFLEX	ECHLIN
7585	ECH 2.4481
7600	ECH 3.6611
7605	ECH 3.6616
7606	ECH 3.6617
7613	ECH 3.6624
7616	ECH 3.6626
7621	ECH 3.6636
7800	ECH 9.9901
7801	ECH 9.9902
7802	ECH 9.9903
7803	ECH 9.9904
7804	ECH 9.9905
7805	ECH 9.9906
7806	ECH 9.9907
8900	ECH 6.7700
8913	ECH 6.7713

MTE	ECHLIN
3005	ECH 7.3005
3018	ECH 7.3018
3022L	ECH 7.3022L
3025	ECH 7.3025
3029	ECH 7.3029
3041	ECH 7.3041
3046	ECH 7.3046
3088	ECH 7.3088
3180	ECH 7.3180
4008	ECH 7.4008
4014	ECH 7.4014
4033	ECH 7.4033
4034	ECH 7.4034
4037	ECH 7.4037
4046	ECH 7.4046
4050	ECH 7.4050
4051	ECH 7.4051
4053	ECH 7.4053
4056	ECH 7.4056
4058	ECH 7.4058
4067	ECH 7.4067
4079	ECH 7.4079
4092	ECH 7.4092
4099	ECH 7.4099
4110	ECH 7.4110
4111	ECH 7.4111
4147	ECH 7.4147
4221	ECH 7.4221
5053	ECH 7.5053
705.82/68	ECH 8.705.82/68
705.86/76	ECH 8.705.86/76
705.87/82	ECH 8.705.87/82
705.92/87	ECH 8.705.92/87
725.92/97	ECH 8.725.92/97
726.92/87	ECH 8.726.92/87
740.100/95	ECH 8.740.100/95
755.92/81	ECH 8.755.92/81
757.95/102	ECH 8.757.95/102
802.95/102	ECH 8.802.95/102

WAHLER	ECHLIN
411277	ECH 7.3088
411280	ECH 7.4051
411281	ECH 7.3025
411282	ECH 7.3029
411283	ECH 7.4014
411284	ECH 7.4050
411285	ECH 7.4056
411372	ECH 7.4053
411373	ECH 7.4034
411375	ECH 7.3005
411376	ECH 7.3018
411378	ECH 7.3041
412308	ECH 7.4092
412309	ECH 7.4067
412315	ECH 7.4111
412321	ECH 7.4147
6010.87	ECH 8.705.87/82
6010.92	ECH 8.705.92/87
6025.95	ECH 8.757.95/102
6026.92	ECH 8.755.92/81
6031.92	ECH 8.726.92/87
6031.100	ECH 8.740.100/95
6035.92	ECH 8.725.92/97



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