

MONROE
AMORTECEDORES

CÁLOGO DE PRODUTOS

2023



PRODUTOS, SERVIÇOS E BENEFÍCIOS EXCLUSIVOS A APENAS UM CLIQUE.

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AMORTECEDOR

O que é?

O amortecedor é um componente que trabalha no conjunto da suspensão do veículo. São constituídos de aproximadamente 40 peças de altíssima tecnologia e qualidade. O nível de amortecimento de cada amortecedor é explicado pela resistência da passagem de fluido pelas válvulas internas. Cada amortecedor é desenvolvido respeitando e considerando todas as características do veículo. Conclui-se então que cada veículo tem o seu amortecedor específico, sendo tecnicamente inviável qualquer modificação ou aplicação indevida.

Funcionamento

Localizados no sistema de suspensão do veículo, entre a roda e a carroceria, os amortecedores controlam os movimentos de extensão e compressão das molas, mantêm os pneus em contato permanente com o pavimento e asseguram a perfeita dirigibilidade do veículo. Os amortecedores também absorvem os impactos e irregularidades do pavimento, evitando que sejam transmitidos para a carroceria do veículo. Em mau funcionamento, os amortecedores afetam diretamente a segurança, estabilidade e conforto do veículo.

Substituição

Os amortecedores deverão ser imediatamente substituídos quando constatado qualquer problema no controle direcional do veículo. O desempenho irregular no funcionamento dos amortecedores pode ter sido provocado desde o desgaste natural dos seus componentes até um defeito na instalação. Aumento da distância de frenagem, balanços excessivos da carroceria, derrapagem nas curvas, desgaste irregular dos pneus, variação da luminosidade dos faróis e aquaplanagem em pavimentos molhados são algumas evidências de veículos equipados com amortecedores desgastados ou ineficientes. Valorize a sua segurança trocando os amortecedores do veículo. Na substituição, escolha Monroe, líder mundial de amortecedores.

AMORTECEDOR MONROE, PRESENTES NAS PRINCIPAIS MONTADORAS

AUDI
BMW
CADILLAC
CHRYSLER
CITROËN
DAEWOO
DODGE

FORD
GENERAL MOTOR
KIA MOTORS
LAND ROVER
MAZDA
MERCEDES-BENZ
MITSUBISHI

NISSAN
PLYMOUTH
PONTIAC
PORSCHE
PEUGEOT
RANDON
RENAULT

SCANIA
SEAT
SKODA
SUZUKI
TOYOTA
VOLKSWAGEN
VOLVO

GARANTIA MONROE

PRODUTO	PERÍODO	QUILOMETRAGEM
Linha Leve	24 meses	50.000 km
Linha Pesada e Utilitários	06 meses	50.000 km



INFORMAÇÕES SOBRE A TROCA DO PRODUTO MONROE EM GARANTIA

Válidas a partir de 01/09/2021

Informações válidas somente para o mercado de reposição - aftermarket

A troca em garantia dos amortecedores Monroe é validada exclusivamente em casos de defeitos de fabricação, seguindo rigorosamente os prazos estabelecidos de instalação ou quilometragem, sempre o que acontecer primeiro e condicionado aos demais termos, normas e condições de garantia. O prazo estendido de garantia estabelecido já inclui os 90 dias previstos na Lei 8078/90 artigo 26, do Código de Defesa do Consumidor e será contado a partir da data da instalação do amortecedor.

GARANTIA MONROE

A solicitação da troca em garantia deverá ser feita preferencialmente no local de aquisição ou aplicação do produto ou assistência técnica autorizada, considerando a compra física ou pela internet, ou ainda na assistência técnica autorizada. Todos os assuntos relacionados com a garantia, como por exemplo, laudos técnicos, devoluções de produtos ou ressarcimentos de valores, deverão ser tratados preferencialmente com o revendedor autorizado Monroe ou diretamente com a fabricante.

Para validar a troca em garantia, o produto reclamado deverá apresentar defeitos de fabricação, e o Certificado de Garantia deverá estar totalmente e corretamente preenchido pelo revendedor no ato da venda, ou pelo aplicador no ato da instalação.

A garantia do produto somente será aceita com a apresentação do Certificado de Garantia preenchido, e da Nota Fiscal de Compra do produto, devidamente emitida para o consumidor final, e constando o código e a descrição do produto Monroe.

No preenchimento incorreto do Certificado, ou na ausência do mesmo, a troca em garantia poderá ser solicitada com a apresentação da Nota Fiscal, dentro do período de 90 (noventa) dias, a partir da data da emissão do documento. Na troca em garantia do amortecedor, o produto novo terá prazo e quilometragem complementar, desde que não seja inferior aos 90 dias, considerando a primeira venda ou instalação, conforme os termos do artigo 50 do Código de Defesa do Consumidor.

A garantia consiste preferencialmente na troca do produto com comprovado vício de fabricação por um novo, ou no ressarcimento do valor pago pela peça defeituosa. Somente o produto que apresentar vício de fabricação será trocado ou indenizado, excluindo o mesmo direito para outros amortecedores em plenas condições de uso. A troca em garantia exclui despesas referentes à desmontagem, instalação, ou outros custos adicionais, diretos ou indiretos, relacionados à substituição.

Para outras ocorrências e solicitações, a possível substituição do amortecedor em garantia ficará condicionada à análise do produto reclamado pela fabricante Monroe, através de seus analistas técnicos ou de vendas, ou diretamente da área de qualidade.

GARANTIA MONROE



A SUBSTITUIÇÃO EM GARANTIA SERÁ RECUSADA SE OS AMORTECEDORES APRESENTAREM OS SEGUINTE PROBLEMAS:

1. Haste riscada, empenada ou danificada por ferramentas.
2. Tubos amassados ou batidos.
3. Retenores cortados ou com resíduos de outros componentes.
4. Excesso de terra na região do retentor.
5. Fixações quebradas ou danificadas.
6. Aplicação incorreta ou indevida.
7. Ausência de componentes na montagem do conjunto.
8. Modificados em sua característica original ou do veículo.
9. Danificados por componentes da suspensão defeituosos.
10. Danificados por componentes da suspensão defeituosos.
11. Evidência do uso da ferramenta pneumática.
12. Fora do prazo estabelecido pelas normas de garantia.
13. Falta do certificado ou nota fiscal de compra do produto.

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Veículo Modelo	Ano	OESpectrum	Monro-Matic Plus	Original	Convencional	Gás Premium Gold	Fixação
							D T
ALFA ROMEO							
145/155							
Todos	95/99			334016MM			8
AUDI							
A1							
1.4 TFSI 185 PS (Com Suspensão Esportiva)	05-10/04-15	742044SP			G1339		☐ ♂
1.4 TFSI 185 PS (Exceto Suspensão Esportiva)	05-10/04-15			G8109	G1339		☐ ♂
A3							
(Com manga de eixo 50mm)	13/...	742116SP	376195SP				☐ ♂
1.6 / 1.4 TFSI / 1.6 FSI / 1.8 TI / 1.8 TFSI / 2.FSI / 2.0 TFSI / 1.9 TDI / 2.0 TDI (Exceto suspensão esportiva / reforçada e Série Quattro)	07/12				G1057	16497GP	☐ ♂
Sportback 1.4 TFSI / 1.6 / 1.6 FSI / 1.8 TFSI / 2.0 FSI / 2.0 TFSI / 1.9 TDI / 2.0 TDI - (Manga de eixo 55mm) - (Exceto suspensão esportiva / reforçada e Série Quattro)	07/12				G1057	16497GP	☐ ♂
Todos	13/...		376195SP				♂
Todos	97/06	SP154	SP166				☐ ♂
A4							
1.6 / 1.8 20V / 1.8 20V Turbo / 2.4 V6 30V / 2.8 V6 30V / 1.9 TDI / 2.5 V6 24V TDI	99/00		376235SP		26654		⊕ ♂
1.8 (Exceto Turbo e Avant) (imp.)	95/99	376091SP	376017SP				⊕ ♂
1.8 Avant (Exceto Turbo) (imp.)	96/99	376091SP					⊕
1.8 Avant Turbo (imp.)	95/99	376237SP	376235SP				⊕ ♂
1.8 TFSI / 2.0 TFSI / 3.0 TFSI / 3.2 TFSI / 2.0 TDI / 3.0 TDI (EXCETO SUSPENSÃO ESPORTIVA)	04-08/15	376042SP			G2514		☐ ♂
1.8 Turbo (imp.)	95/99	376237SP	376235SP				⊕ ♂
2.4 30V (Exceto Avant) (imp.)	95/99	376091SP	376017SP				⊕ ♂
2.4 Avant (imp.)	96/99	376091SP					⊕
2.8 30V (Exceto Avant) (imp.)	95/99	376091SP	376017SP				⊕ ♂
2.8 Avant (imp.)	96/99	376091SP					⊕
A4 / A4 Avant / A4 Quattro / A4 Avant Quattro (Exceto Suspensão esportiva)	01/04					26665GP 23956GP	⊕ ♂
A4 / A4 Avant / A4 Quattro / A4 Avant Quattro (Exceto Suspensão esportiva)	05/07					26665GP G1055GP	⊕ ♂
A4 Avant 1.6 / 1.8 20V / 1.8 20V Turbo / 2.4 V6 30V / 2.8 V6 30V / 1.9 TDI / 2.5 V6 24V TDI	99/00		376235SP		26654		⊕ ♂

Veículo Modelo	Ano	OESpectrum	Monro-Matic Plus	Original	Convencional	Gás Premium Gold	Fixação
							D T
AUDI							
Audi							
A4							
A4 Avant Quattro 1.8 20V / 1.8 20V Turbo / 2.4 V6 30V / 2.8 V6 30V / 1.9 TDI / 2.5 V6 24V TDI (Exceto Suspensão Esportiva)	99/00			26654			†
A4 QUATTRO 1.8 TFSI / 2.0 TFSI / 3.0 TFSI / 3.2 TFSI / 2.0 TDI / 3.0 TDI (EXCETO SUSPENSÃO ESPORTIVA)	04-08/05-16	376042SP		G2514			☐ ♂
A4 Quattro 1.8 20V / 1.8 20V Turbo / 2.4 V6 30V / 2.8 V6 30V / 1.9 TDI / 2.5 V6 24V TDI	99/00			26654			†
AVANT 1.8 TFSI / 2.0 TFSI / 3.0 TFSI / 3.2 TFSI / 2.0 TDI / 3.0 TDI (EXCETO SUSPENSÃO ESPORTIVA)	11-07/15	376042SP		G2514			☐ ♂
AVANT QUATTRO 1.8 TFSI / 2.0 TFSI / 3.0 TFSI / 3.2 TFSI / 2.0 TDI / 3.0 TDI (EXCETO SUSPENSÃO ESPORTIVA)	11-07/...	376042SP		G2514			☐ ♂
Todos Suspensão Esportiva	08/...		376214SP				♂
A5							
1.8 TFSI / 2.0 TFSI / 3.0 TFSI / 3.2 TFSI / 2.0 TDI / 2.7 TDI / 3.0 TDI (EXCETO SUSPENSÃO ESPORTIVA E SÉRIE QUATTRO)	06-07/...	376042SP		G2514			☐ ♂
Todos Suspensão Esportiva	08/...		376214SP				♂
A6							
2.0 TFSI / 2.4 I / 3.0 / 3.2 FSI / 4.2 FSI / 2.0 TDI / 2.7 TDI / 3.0 TDI (Exceto Suspensão a AR)	07-04/11	376024SP	376213SP				† ♂
A6 / A6 Avant	06-94/97			R6335			♂
A6 / A6 Avant	98/04-00			45008			♂
A6 1.8 / 1.8 Turbo / 2.0 / 2.4 V6 / 2.7 Turbo V6 / 2.8 V6 / 3.0 V6 / 1.9 TDI / 2.5 TDI (Exceto Suspensão Esportiva e Reforçada)	05-00/04			45008			♂
A6 1.8 / 1.8 Turbo / 2.4 V6 / 2.8 V6 / 1.9 TDI / 2.5 TDI / 2.7 Turbo V6	98/04-00	376104SP		45008			† ♂
A6 Avant 1.8 / 1.8 Turbo / 2.0 / 2.4 V6 / 2.7 Turbo V6 / 2.8 V6 / 3.0 V6 / 1.9 TDI / 2.5 TDI (Exceto Suspensão Esportiva e Reforçada)	05-00/04			45008			♂
A6 Avant 1.8 / 1.8 Turbo / 2.4 V6 / 2.8 V6 / 1.9 TDI / 2.5 TDI / 2.7 Turbo V6	98/04-00			45008			♂
A6 Avant Quattro 1.8 / 1.8T / 2.4 V6 / 2.8 V6 / 1.9 TDI / 2.5 TDI (Exceto Suspensão Esportiva)	98/04-00			26654			†
A6 Quattro 1.8 / 1.8T / 2.4 V6 / 2.8 V6 / 1.9 TDI / 2.5 TDI	98/04-00			26654			†



Veículo Modelo	Ano	OESpectrum 	Monro-Matic Plus 	Original 	Convencional 	Gás Premium Gold 	Fixação  
AUDI 							
A6							
A6 Quattro V8 / A6 Avant Quattro V8 (Exceto Suspensão Esportiva)	98/04-00			26654			†
A6 Quattro V8 / A6 Avant Quattro V8 (Exceto Suspensão Esportiva)	05-00/04			26663			†
Avant 1.8 / 1.8 Turbo / 2.4 V6 / 2.8 V6 / 1.9 TDI / 2.5 TDI / 2.7 Turbo V6	98/04-00	376104SP					†
Q3							
1.4 TFSI / 2.0 TFSI / 2.0 TDI / 1.4 TFSI Quattro / 2.0 TFSI Quattro (Exceto Suspensão Eletrônica)	12/...		376000SP			16497GP	☐ ♂
Q5							
2.0 TFSI / 3.2 TFSI / 2.0 TDI / 3.0 TDI (Exceto Suspensão Reforçada / Linha S)	11-08/...	376049SP	376048SP				☐ ♂
Q7							
3.6 FSI / 4.2 FSI / 3.0 TDI / 4.2 TDI (Exceto Suspensão Esportiva / Suspensão a Ar)	03-06/05-10			D0301Ad			☐
TT							
1.8 / 3.2 / 2.0 (Exceto suspensão esportiva)	11-06/06-14	742253SP	376228SP				☐ ♂
1.8 / 3.2 / 2.0 Quattro (Exceto suspensão esportiva)	11-06/06-14	742253SP	376228SP				☐ ♂
1.8 Turbo	10-98/10-06		376067SP	G8618			☐ ♂
1.8 Turbo Quattro	10-98/10-06			G8618			☐
BMW 							
316 / 318 Compact							
Todos (americano) (imp.)	94/99	742032SPLD 742033SPLE		23454			☐ ♂
Todos (europeu) (imp.)	91/99	742030SPLD 742031SPLE					☐
316 / 318 Sedan / Coupe							
Todos (europeu) (imp.)	06-92/99	742030SPLD 742031SPLE		G1365			☐ ♂
316 / 318 Sedan / Coupe Conversível							
Todos (americano) (imp.)	06-92/99	742032SPLD 742033SPLE	376021SP				☐ ♂
320 / 323 / 325 / 328 Sedan / Coupe / Conversível							
Todos (americano) (imp.)	95/99	742032SPLD 742033SPLE	376021SP				☐ ♂
Todos (europeu) (imp.)	92/99	742030SPLD 742031SPLE		G1365			☐ ♂
323 / 328 Touring							
(Europeu) (imp.)	95/99	742030SPLD 742031SPLE	376056SP				☐ ♂



































































Veículo Modelo	Ano	OESpectrum	Monro-Matic Plus	Original	Convencional	Gás Premium Gold	Fixação
							D T
BMW							
Série 1							
(Chassi E81/E87) 116i / 118i / 120i / 130i / 118d / 120d / 123d (Exceto Suspensão Esportiva)	04/11			G8292LD G8293LE	G2232		☐ ⊕
(Chassi E82) 125i / 128i / 120d / 123d / 135i (Exceto Suspensão Esportiva)	07/13			G8292LD G8293LE	G2232		☐ ⊕
(Chassi E88) Conversível 118i / 120i / 125i / 128i / 135i / 120d (Exceto Suspensão Esportiva)	07/14			G8292LD G8293LE	G2232		☐ ⊕
(F20 / F21) 116i / 125i (Exceto Susp. Eletrônica/Esportiva / X-Drive/M-Technik)	11-10/...	742132SP					☐
(F20/F21) 116i / 125i Suspensão Esportiva (Exceto Susp. Eletrônica/X-Drive/M-Technik)	11-10/...	742132SP	376211SP				☐ ⊕
Série 3							
(Chassi E90) 316i / 318i / 320i / 323i / 325i / 328i / 330i / 335i / 318d / 320d / 325d (Exceto Suspensão Esportiva)	05/12			G8292LD G8293LE	G2232		☐ ⊕
(Chassi E91) 318i / 320i / 320si / 323i / 325i / 328i / 330i / 335i / 318d / 320d / 325d / 330d / 335d (Exceto Suspensão Esportiva)	05/12			G8292LD G8293LE	G2232		☐ ⊕
(Chassi E92) 316i / 320i / 323i / 325i / 328i / 330i / 335i / 320d / 325d / 330d / 335d (Exceto Suspensão Esportiva)	07/13			G8292LD G8293LE	G2232		☐ ⊕
(Chassi E93) Conversível 320i / 325i / 328i / 330i / 335i / 320d / 325d / 330d (Exceto Suspensão Esportiva)	07/...			G8292LD G8293LE	G2232		☐ ⊕
(F30) 316i / 328i / 335i / 316D / 318D / 320D / 325D / 330D	12/...		376211SP				⊕
(F30) 320i (Exceto Susp. Eletrônica/Esportiva / X-Drive/M-Technik)	10-11/...	742132SP					☐
(F30) 320i Suspensão Esportiva (Exceto Susp. Eletrônica / X-Drive/M-Technik)	10-11/...		376211SP				⊕
Série 5							
(Chassi E39 - exceto 535i/540i)	09-95/04		376019SP	G8427LD G8428LE			☐ ⊕
(Chassi E39)	09-95/04		376019SP				⊕
(Chassi E60) 520i / 523i / 525i / 530i / 540i / 545i / 550i / 520d / 525d / 530d / 535d (Exceto Suspensão Esportiva / Touring)	06-03/08-10	742016SPLD 742017SPLE	376029SP				☐ ⊕
(Chassi F10) 520i / 523i / 528i / 530i / 535i / 550i / 520d / 525d / 530d / 535d (Exceto Suspensão eletrônica / Xdrive)	03-10/...	376219SPLD 376220SPLE	376014SP				⊕ ⊕
X1							
Sdrive 1.8i / 2.0i / 2.5i / 2.8i / 1.6d / 1.8d / 2.0d / 2.3d / 2.5d	10/06-15			D0038Ad D8080Ad			☐ ⊕




Veículo Modelo	Ano	OESpectrum	Monro-Matic Plus	Original	Convencional	Gás Premium Gold	Fixação
							D T
BMW 							
X1							
Xdrive 1.8i / 2.0i / 2.5i / 2.8 i / 1.6d / 1.8d / 2.0d / 2.3d / 2.5d	10/06-15			D0036Ad	D8080Ad		☐ ⊕
X3							
(Chassi E83) 2.0i/ 2.5i/ 2.5si/ 3.0i/ 3.0si/ 2.0d/ 3.0d/ 3.0ds	01-04/11			D0405Ad	D4005Ad		☐ ⊕
18i/20i/28i/35i/18D/20D/30D/35D/ 1.8D/2.0D(EXCETO SUSP. ELETRÔNICA)	09-10/...				D4005Ad		⊕
X5							
(Chassi E70) 3.0si/ 4.8i / 3.0d / 3.5d / XDRIVE 30i / 35i / 48i / 50i / 30d / 35d / 40d (Exceto Suspensão Eletrônica e Nivelamento de Suspensão)	07/13			D0305Ad	D0306Ad		☐ ⊕
(Chassi E70) 3.0si/ 4.8i / 3.0d / 3.5d / XDRIVE 30i / 35i / 48i / 50i / 30d / 35d / 40d (Exceto Suspensão Eletrônica)	07/13			D0305Ad	D0309Ad		☐ ⊕
X6							
(Chassi E71) XDRIVE 35i / 50i / 30d / 35d / 40d (Exceto Suspensão Eletrônica e Nivelamento de Suspensão)	08/07-14			D0305Ad	D0306Ad		☐ ⊕
(Chassi E71) XDRIVE 35i / 50i / 30d / 35d / 40d (Exceto Suspensão Eletrônica)	08/07-14			D0305Ad	D0309Ad		☐ ⊕
CHERY							
Face							
Todos	06/...		379009SP				⊗
QQ							
Todos	11/15		379010SP	806013MMLD 806014MMLE			☐ ☐
Tiggo							
Todos	09/16			808243MMLD 808244MMLE	D8020Ad		☐ ⊕
CHRYSLER 							
300C							
4x2	05/10	72248	5797				☐ ⊕
4x4	05/10	72254			5612#		☐ ⊕
PT Cruiser							
16V	01/10			808411MM	5989#	95602GP	☐ ⊗
CITROËN 							
AX							
GTI	86/98			334286MM		43806GP 38045GP	☐ ⊗







Veículo Modelo	Ano	OESpectrum	Monro-Matic Plus	Original	Convencional	Gás Premium Gold	Fixação
							D T
CITROËN							
Aircross							
Todos	10/...	749018SPLD 749019SPLE	SP217				☐ ♂
Berlingo							
Todos	18/19			808336MMLE 808337MMLD	334183MM		☐ ♂
Todos (imp.)	98/07			808336MMLE 808337MMLD	334183MM		☐ ♂
C3							
Todos (Exceto Picasso)	01/12	SP191LD SP192LE	SP822	808425MMLD 808426MMLE	334320MM		☐ ♂
Transmissão Automática	13/...	749012SPLD 749013SPLE	SP047				☐ ♂
Transmissão Manual	13/...	749014SPLD 749015SPLE	SP047				☐ ♂
C3 Picasso							
Todos	11/...	749016SPLD 749017SPLE	SP047				☐ ♂
C4							
Grand Picasso	08/08-13				G2226	G7327GPLD G7328GPLE	☐ ♂
Lounge	14/20	749054SPLD 749055SPLE	379019SP				☐ ♂
Pallas / Hatch (Exceto Picasso e Grand Picasso)	07/14	749050SPLD 749051SPLE	379020SP				☐ ♂
Picasso (Exceto suspensão bolsa de Ar)	11-06/08-13				G2226	G7327GPLD G7328GPLE	☐ ♂
C4 Cactus							
Todos	18/...		379083SP				☐ ♂
C4 Gran Picasso							
Todos	09-13/...		376253SP				☐ ♂
C4 Picasso							
Todos	09-13/...		376253SP				☐ ♂
DS4							
Todos	12/16				G8383LD G8384LE		☐
Evasion							
GLX 2.0 8V	10-97/02					26662GP	☐ ♂
Jumper							
Todos	94/...			808410MM		95301GP 84736GP	☐ ♂
Saxo							
Todos	96/03				334286MM	43806GP 38045GP	☐ ♂
Xsara							
Todos (Exceto Break)	07-97/03			808331MMLE 808332MMLD	42041		☐ ♂
Xsara Picasso							
Todos	01/...			808331MMLE 808332MMLD	334182MM		☐ ♂

Veículo Modelo	Ano	OESpectrum	Monro-Matic Plus	Original	Convencional	Gás Premium Gold	Fixação
							D T
CITROËN 							
Zx							
1.4 / 1.6 / 1.8 / 1.9 (Exceto Volcane) (imp.)	92/98		808331MMLE 808332MMLD		42041		☐ ♂
2.0 - 16V (imp.)	92/97		808331MMLE 808332MMLD				☐
DAEWOO 							
Espero							
Todos (imp.)	94/98		334065MM	334003MM			☐ ♀
Lanos							
Todos (imp.)	97/02		334065MM	334003MM			☐ ♀
Racer							
Todos (imp.)	07-95/08-97		334065MM	334003MM			☐ ♀
DODGE 							
Durango							
Todos	11/17				911304#		⊕
Journey							
Todos	11/...	72509LD 72510LE	72896				☐ ♀
Todos	08/10	72509LD 72510LE	72511				☐ ♀
RAM							
2500 4x4	04/10	911223	911222				♀ ♂
FIAT 							
500							
1.4 (Mexicano)	08-11/17	749041SPLE 749042SPLD				G1083GP	☐ ♂
1.4 (Polonés)	10-07/07-11					G7305GPLD G7306GPLE	G1083GP ☐ ♂
Argo							
(Exceto Trekking)	17/...	749094SPLD 749095SPLE	379070SP				☐ ♀
Trekking	19/...		379078SP				♀
Brava							
ELX 1.6 16V	99/03		808058MM	334016MM			☐ ♂
HGT 1.8 16V	00/02		808058MM	334016MM			☐ ♂
SX 1.6 16V	99/03		808058MM	334016MM			☐ ♂
Bravo							
1.8 Tritec / 1.8 Tritec Sporting / 1.4 T-Jet	10/...	SP070	SP074				☐ ♀
Coupe							
Todos	95/96			334016MM			♂

Veículo Modelo	Ano	OESpectrum	Monro-Matic Plus	Original	Convencional	Gás Premium Gold	Fixação
							D T
FIAT							
Cronos							
	18/...	749094SPLD 749095SPLE	379065SP				☐ ♂
Doblò							
Adventure	03/21		379523SP				⊗
Adventure Locker	03/21		379523SP				⊗
Attractive / ELX / EX / Essence 1.4	01/...		379527SP			16470GP	☐ ⊗
Cargo 1.3 / 1.4 / 1.6	01/...		379525SP			16470GP	☐ ⊗
Cargo 1.8	03/...		379525SP			16470GP	☐ ⊗
Ducato							
Todos	94/16		808410MM			95301GP 84736GP	☐ ⊗
Elba							
Todos	89/92		808232MM				☐
Todos / Cartucho	93/97		334088MM	334089MM			☐ ☐
Fiorino							
RST - Curta - Pick-up	93/95		334000MM	808009MM			☐ ☐
RST - Longa Furgão	93/13		334075MM	334213MM			☐ ⊗
RST - Longa Furgão (estrutura)	93/13		808008MM	334213MM			☐ ⊗
Todos	13/...	749039SPLE 749040SPLD	379011SP				☐ ⊗
Todos	91/92		808008MM	808009MM			☐ ☐
Trekking - Working (Pick-up)	96/13		334314MM	334017MM			☐ ⊗
Freemont							
Todos	11/...	72509LD 72510LE	72896				☐ ♂
Furgoneta							
Do Chassi 3381847	78/92		808031MM	808030MM			☐ ☐
Idea							
Adventure (Exceto Locker)	06/...	SP200	379094SP	808427MM			☐ ♂
Todos (Exceto Adventure)	05/...	SP184	SP079	808424MM			☐ ♂
Linea							
Todos	08/16		SP076			G8063GPLD G8064GPLE	☐ ♂
Marea							
2.0 20V Turbo	98/07		808059MM	334016MM			☐ ⊗
ELX 1.8 16V	02/08		808058MM	334016MM			☐ ⊗
ELX 2.0 20V / HLX 2.0 20V	98/00		808059MM	334016MM			☐ ⊗
ELX 2.4 20V	00/03		808059MM	334016MM			☐ ⊗
HLX 2.4 20V	00/07		808059MM	334016MM			☐ ⊗
SX 1.6 16V	05/08		808058MM	334016MM			☐ ⊗
SX 1.8 16V	99/05		808058MM	334016MM			☐ ⊗
SX 2.0	98/99		808059MM	334016MM			☐ ⊗
Weekend 2.0 20V Turbo	98/07		808059MM	334016MM			☐ ⊗


















































Veículo Modelo	Ano	OESpectrum 	Monro-Matic Plus 	Original 	Convencional 	Gás Premium Gold 	Fixação  
FIAT 							
Marea							
Weekend ELX 1.8 16V	02/08			808058MM	334016MM		 
Weekend ELX 2.0 20V / HLX 2.0 20V	98/00			808059MM	334016MM		 
Weekend ELX 2.4 20V	00/03			808059MM	334016MM		 
Weekend HLX 2.4 20V	00/07			808059MM	334016MM		 
Weekend SX 1.6 16V	05/07			808058MM	334016MM		 
Weekend SX 1.8 16V	99/05			808058MM	334016MM		 
Weekend SX 2.0	98/99			808059MM	334016MM		 
Mobi							
Com barra estabilizadora	16/...	749080SPLD 749081SPLE	379073SP				 
Sem barra estabilizadora (Exceto Way)	16/...	749082SPLD 749083SPLE	379073SP				 
Way	16/...	749080SPLD 749081SPLE	379216SP				 
Palio							
1.0 / 1.5 / 1.6 - 8V e 16V (Exceto Weekend)	95/00		379014SP	808608MM			 
1.0 / 1.5 / 1.6 - 8V e 16V (Exceto Weekend)	95/98		379014SP	334023MM			 
Adventure (estrutura)	96/00				334016MM		
Adventure 1.6 / 1.8 (Exceto Locker)	01/...	SP182		808423MM	334016MM		 
Adventure Locker	07-08/...	SP002		808412MM	334016MM		 
Attractive 1.0 / 1.4 / Essence 1.6	11/...	SP008LD SP009LE	379216SP	808414MMLD 808415MMLLE			 
Economy	09/...	749038SP	379014SP				 
RST III 1.0	07/...	749038SP	379014SP				 
Sporting	11/...	SP084LD SP085LE	SP037				 
Todos (Exceto com ABS/ Economy)	01/09	749104SP	379014SP	808178MM			 
Way	13/...	749038SP	379014SP				 
Weekend	95/00			808608MM	334016MM		 
Weekend	95/98			334023MM	334016MM		 
Weekend 1.0	01/...	749104SP		808178MM	334016MM		 
Weekend 1.3/ 1.4/ 1.5/ 1.6/ 1.8	01/...	SP193			334016MM		 
Weekend Trekking	08/...	SP182		808423MM	334016MM		 
Young 1.0	98/04-08		379014SP	808608MM			 
Prêmio							
Todos	89/92			808232MM			
Todos os modelos - Cartucho	93/95			334088MM	334089MM		 
Pulse							
(Exceto Abarth)	21/...	749094SPLD 749095SPLE	379078SP				 


Veículo Modelo	Ano	OESpectrum	Monro-Matic Plus	Original	Convencional	Gás Premium Gold	Fixação
							D T
FIAT							
Punto							
1.4 Attractive / 1.4 ELX / 1.8 HLX/ 1.8 Sporting (Exceto T-Jet 1.4 Turbo)	08-07/...		SP076			G8063GPLD G8064GPLE	☐ ☐
Siena							
1.3/ 1.4/ 1.5/ 1.6/ 1.8 (Exceto Tetrafuel)	01/...	SP193	379014SP				☐ ☐
1.3/ 1.4/ 1.5/ 1.6/ 1.8 - Tetrafuel	01/...	SP193					☐
Fire 1.0 (Exceto com ABS e Tetrafuel)	01/...	749104SP	379014SP	808178MM			☐ ☐
Fire 1.0 - Tetrafuel (Exceto com ABS)	01/...	749104SP		808178MM			☐
Grand Siena (Exceto Tetrafuel)	12/...	SP008LD SP009LE	SP115	808414MMLD 808415MMLLE			☐ ☐
Grand Siena - Tetrafuel	12/...	SP008LD SP009LE		808414MMLD 808415MMLLE			☐
Todos	96/00		379014SP	808608MM			☐ ☐
Todos (imp.)	97/98		379014SP	334023MM			☐ ☐
Stilo							
1.8 - 8V e 16V	02/11	SP072	SP074				☐ ☐
2.4 Abarth- 20V	02/09	SP073	SP074				☐ ☐
Strada							
Adventure III Locker Working / Trekking - Cabine Dupla	08/20	SP006	379022SP	808413MM			☐ ☐
Todos (Exceto Locker)	01/20	749011SP	379024SP	808422MM			☐ ☐
Todos (Estrutura)	98/00		379024SP	808607MM			☐ ☐
Todos (Modelo Novo)	20/...		379022SP				☐
Todos (cartucho)	98/09-00		379024SP	334324MM			☐ ☐
Tempra							
8V / 16 V (Exceto Turbo e Stile)	91/99			334011MM	334012MM		☐ ☐
SW (imp.) (Exceto Turbo e Stile)	94/97			808052MM	334016MM		☐ ☐
Tipo							
1.6 / 2.0	93/97			808052MM	334016MM		☐ ☐
Uno							
(com barra estabilizadora e furação alinhada)	10/...	SP008LD SP009LE	379216SP	808414MMLD 808415MMLLE			☐ ☐
(sem barra estabilizadora e furação desalinhada)	10/...	SP106LD SP107LE	379216SP	808418MMLD 808419MMLLE			☐ ☐
1.5R / 1.6R	89/92			808232MM			☐
Economy	09/14			808232MM	808004MM		☐ ☐
Mille Way (Exceto Novo Uno Way)	08/14			334295MM	334296MM		☐ ☐
S / CS / CS TOP / Mille (e Argentino)	89/92			808232MM	808005MM		☐ ☐
Todos (Exceto Mille Way)	98/08			808232MM	808004MM		☐ ☐
Todos os modelos Uno e Mille	93/07-98			334088MM	334089MM		☐ ☐
Turbo	94/97			808232MM			☐


















































Veículo Modelo	Ano	OESpectrum	Monro-Matic Plus	Original	Convencional	Gás Premium Gold	Fixação
							D T
FORD							
							
A1000							
Todos	80/03-90		334410MM	334411MM			♂ ♂
Belina / Scala							
1.8	11-89/91			334005MM			+
II	78/02-81		334387MM	334909MM			+ +
Iº - 2º série	70/77		334371MM	334909MM			+ +
Todos	03-81/10-89		334464MM	334909MM			+ +
Corcel							
Todos	70/77		334371MM	334909MM			+ +
II / GT / Hobby	77/02-81		334387MM	334909MM			+ +
Todos	03-81/86		334464MM	334909MM			+ +
Courier							
Todos	97/...		808108MM	334105MM			♀ ♂
Del Rey							
1.8	11-89/91			334005MM			+
Ouro - 2/4 portas 1.6	81/10-89		334465MM	334909MM			+ +
Todos	81/89		334464MM	334909MM			+ +
Ecosport							
4x2 1.0 SC / LS / HS / 1.4 DSL / 1.6 e 2.0 (Exceto Automático)	02/12	SP206	SP237				♀ ♂
4x2 - Automático	02/12	SP236	SP237				♀ ♂
4x4 - Todos	04/12	SP236	SP237				♀ ♂
New 4X2	06-12/...	SP342LD SP343LE	SP344				♀ ♂
New 4X4	06-12/...	SP342LD SP343LE	SP345				♀ ♂
Edge							
Todos	11/14	749043SPLE 749044SPLD	37327				♀ ♂
Todos	07/10	749043SPLE 749044SPLD	37302				♀ ♂
Escort							
Básico / L / GL / Ghia	83/92			808899MM	808949MM		♀ ♀
Guarujá	91/94			808899MM	808949MM		♀ ♀
Hobby	93/96			808899MM	808949MM		♀ ♀
L / GL / Ghia / XR3 Conversível/Europeu	93/96			808378MM	334930MM		♀ ♂
Todos Zetec (Exceto SW)	09-96/03				334096MM		♂
XR3	93/96			808378MM	334930MM		♀ ♂
XR3 1.6 e 1.8	83/92				808949MM		♀
XR3 Conversível 1.6 / 1.8	83/92			808899MM	808949MM		♀ ♀
Zetec SW	09-96/03				334097MM		♂
Explorer							
Todos (Exceto Limited e 4x4) (imp.)	95/98					83743GP 83744GP	♀ ♂

Veículo Modelo	Ano	OESpectrum	Monro-Matic Plus	Original	Convencional	Gás Premium Gold	Fixação	
							D T	
FORD								
F-250								
4 x 2 XL / XLT / Super Duty	98/12		334494MM	334495MM			⊕ ⊗	
Outboard - Motor MWM e Cummins	98/12		334506MM	334507MM			⊕ ⊗	
Pick-up 4x4 - Cabine Simples/ Cabine Dupla	06/11		334514MM	334515MM			⊗ ⊗	
F-1000								
4 x 2 (Exceto XL e XLT)	05-92/11		334303MM	334304MM			⊕ ⊕	
4 x 4 (Exceto XL e XLT)	93/...		334303MM	334306MM			⊕ ⊗	
Argentino (Exceto XL e XLT) (imp.)	92/...		334007MM	334013MM			⊕ ⊕	
Todos (Exceto XL e XLT)	79/03-90		334410MM	334411MM			⊕ ⊕	
Todos (Exceto XL e XLT)	04-90/04-92		334301MM	334302MM			⊕ ⊕	
XLT 4 x 4 Turbo	97/98		334303MM	334306MM			⊕ ⊗	
Fiesta								
1.0 / 1.3 / 1.4 / 1.6 (Exceto imp.)	96/00	SP086	SP090				⊖ ⊕	
CLX / DLX (imp.)	94/96			334290MM		44442	38204GP	⊖ ⊗
New Fiesta Hatch / Sedan	10/...	SP357LD SP358LE	SP363					⊖ ⊕
Sedan - (mexicano)	01/04			808012MM	334228MM			⊖ ⊕
Sedan / Hatch 1.0 Supercharger / 1.6 NA	01/09-14	SP202	SP224					⊖ ⊕
Sedan / Hatch NA 1.0	01/09-14	SP201	SP224					⊖ ⊕
Street Hatch	01/07	SP086	SP090					⊖ ⊕
Focus								
1.6 / 2.0	06-13/...	SP112LD SP113LE	SP114					⊖ ⊕
1.6 / 2.0	09-08/05-13		379085SP	808395MMLD 808396MMLD	334449MM		95603GP 95604GPLD	⊖ ⊕
1.6/ 1.8 / 2.0	01/08-08			808408MMLD 808409MMLD			83754GP	⊖ ⊕
Fusion								
Todos	10/12		379244SP					⊗
Todos	13/...	72638						⊖
Todos	06/09	72261	379244SP					⊖ ⊗
KA								
Freestyle	18/...	749076SPLD 749077SPLE	379057SP					⊖ ⊕
Novo KA 1.0 / KA+ 1.0 (sem barra estabilizadora) (Exceto Trail / Freestyle)	07-14/...	SP066LD SP067LE	SP363					⊖ ⊕
Novo KA 1.0 e 1.5 / KA+ 1.0 e 1.5 (com barra estabilizadora) (Exceto Trail / Freestyle)	07-14/...	SP357LD SP358LE	SP363					⊖ ⊕
Todos	07-11/13	749340SP	SP352					⊖ ⊕
Todos	08/06-11	749340SP	SP341					⊖ ⊕
Todos	96/07			808098MM	334100MM			⊖ ⊕

Veículo Modelo	Ano	OESpectrum	Monro-Matic Plus	Original	Convencional	Gás Premium Gold	Fixação
							D T
FORD							
							
KA							
Trail	17/18	749074SPLD 749075SPLE	379056SP				☐ ♂
Mondeo							
SW (imp.)	02/06					16430GP	☐
Todos (Exceto SW) (imp.)	02/06					16430GP 16431GP	☐ ☐
Orion							
Todos	94/02-97			334930MM			♂
Pampa							
4 x 2 - 1.6	82/97		334468MM	334453MM			+ ♂
4 x 2 - 1.8	11-89/97		334468MM	334453MM			+ ♂
4 x 4 - 1.6	82/97		334469MM	334453MM			+ ♂
Ranger							
Argentina e Americana (imp.)	97			334311MM		84727GP 84728GP	♂ ♂
Todos	07-12/05-19		334317MM	334316MM		84754GP 84753GP	♂ ♂
Todos	06-19/...					84753GP	♂
Todos (imp.) (Exceto Modelo Sport)	08/06-12		334312MM	334732MM		84731GP	♂ ♂
Todos (imp.) (Exceto Modelo Sport)	98/07		334312MM	334006MM		84731GP	♂ ♂
Royale							
Movido à Gás Natural Veicular (GNV)	92/96		334050MM	334102MM			☐ ♂
Todos	92/96	379931SP	334050MM				☐ ♂
Twin-I Beam							
4 cilindros	77/...		334410MM	334382MM			♂ ♂
F-100 1ª e 2ª Série	72/...		334412MM	334382MM			♂ ♂
Verona							
Todos	90/92		808899MM	808949MM			☐ ☐
Todos	93/97		808378MM	334930MM			☐ ♂
Versailles							
Movido à Gás Natural Veicular (GNV)	91/96		334050MM	334103MM			☐ ♂
Todos	91/97	379932SP	334050MM				☐ ♂
GENERAL MOTORS							
							
A-10 / A-13							
Pick up	64/92		334415MM	334416MM			♂ ♂
A-20							
Pick up - 4x4	85/92		334466MM	334467MM			♂ ♂
Pick up - 4x2	64/92		334415MM	334416MM			♂ ♂
Pick up Cabine simples / Cabine dupla	93/97		334004MM	334015MM			♂ ♂

Veículo Modelo	Ano	OESpectrum 	Monro-Matic Plus 	Original 	Convencional 	Gás Premium Gold 	Fixação  
GENERAL MOTORS							
Agile							
Todos	09/...	SP045	SP205				 
Astra							
8V e 16V - Nacional	98/12	SP039LD SP040LE	SP243				 
SW (imp.)	91/98				R2655		
Todos (Exceto SW) (imp.)	91/98			334041MM		43804	 
Blazer							
Todos 4 x 2	95/12			334498MM	334483MM		 
Todos 4 x 4	95/12			334492MM	334483MM		 
Bonanza							
Pick up	89/92			334415MM	334416MM		 
Pick up	93/97			334004MM	334015MM		 
C-10 / C-13 / C-14 / C-14A / C-15 / C-15A / C-16							
Pick up	64/92			334415MM	334416MM		 
C-20							
Pick up - 4x4	85/92			334466MM	334467MM		 
Pick up - 4x2	64/92			334415MM	334416MM		 
Pick up Cabine simples / Cabine dupla	93/97			334004MM	334015MM		 
Camaro							
SS 6.2 V8	10/12		379015SP				
SS 6.2 V8	13/15	72914LD 72915LE					
SS 6.2 V8	16/...	73055LD 73056LE	5543				 
Captiva							
Todos	08/...	72526LD 72527LE			911258#		 
Caravan							
4/6 Cilindros Todas	74/88			334823MM			
Celta							
Todos	01/...			808034MM	334035MM		 
Chevette							
SL - DL - JR	73/93			334736MM	334737MM		 
Chevy							
500	83/95			334058MM	334059MM		 
Cobalt							
Todos	11/...	SP208LD SP209LE	SP005				 
Corsa							
Classic	03/...			808034MM	334035MM		 
GSI e 16V	94/02			808034MM	334035MM		 






Veículo Modelo	Ano	OESpectrum 	Monro-Matic Plus 	Original 	Convencional 	Gás Premium Gold 	Fixação  
GENERAL MOTORS							
Corsa							
Novo Hatch / Sedan	06-02/12	SP018LD SP019LE		334035MM			☐ ♂
Pick up - Todos	95/03		808053MM	334054MM			☐ ♂
Todos (Exceto Pick-up)	94/06-02		808034MM	334035MM			☐ ♂
Cruze							
Todos	11/05-16	SP984LD SP985LE	SP051				☐ ♂
Todos	06-16/...		379069SP				♂
D-10 / D-13							
Pick up	64/92			334415MM	334416MM		♂ ♂
D-20							
Pick up	64/92			334415MM	334416MM		♂ ♂
Pick up 4x4	85/92			334466MM	334467MM		♂ ♂
Pick up Cabine simples / Cabine dupla	93/97			334004MM	334015MM		♂ ♂
Ipanema							
Todos	89/98			334065MM	334953MM		☐ ♂
Kadett							
Todos	89/90			334065MM	334954MM		☐ ♂
Todos	91/98			334065MM	334003MM		☐ ♂
Malibu							
LTZ	10/12	72199LD 72200LE	5778				☐ ♂
Marajó							
Todos	86/93			334736MM			♂
Meriva							
Todos	02/12	SP018LD SP019LE	SP257				☐ ♂
Montana							
Todos	10/...	SP046	SP263				☐ ♂
Todos	03/09	SP020LD SP021LE	SP263				☐ ♂
Monza							
Todos	82/90			334067MM	334908MM		☐ ♂
Todos	91/98			334067MM	334014MM		☐ ♂
Onix							
Activ	16/19	749112SPLD 749113SPLE	379058SP				☐ ♂
G1/G2 Modelo Antigo (Exceto Activ)	12/19	SP208LD SP209LE	SP120				☐ ♂
Hatch	10-19/...		379074SP				♂
Joy 1.0 (Exceto Activ)	19/...	SP208LD SP209LE	SP120				☐ ♂
Joy Plus 1.0 (Exceto Activ)	19/...	SP208LD SP209LE	SP120				☐ ♂

Veículo Modelo	Ano	OESpectrum 	Monro-Matic Plus 	Original 	Convencional 	Gás Premium Gold 	Fixação  
GENERAL MOTORS							
Onix							
Plus	10-19/...		379074SP				
Todos (Exceto Activ)	12/19		SP120				
Opala							
4 / 6 Cilindros - Todos	69/88			334823MM			
Prisma							
Todos	13/19	SP208LD SP209LE	SP120				 
Todos	06/12			808034MM	334035MM		 
S10							
Nova Todos	12/...		SP028			84756GP	 
Todos 4x2	95/11			334481MM	334485MM		 
Todos 4x4	95/11			334480MM	334485MM		 
Silverado							
DLX / Diesel / Turbo Diesel	97/02			334004MM	334015MM		 
Sonic							
Todos	12/14	SP208LD SP209LE	SP005				 
Spin							
(Exceto Activ)	12/...	SP208LD SP209LE	SP001				 
Activ	12/...	749112SPLD 749113SPLE	SP001				 
Suprema							
2.0 / 2.2	93/98			334333MM			
3.0 / 4.1	93/98			334333MM			
Tracker							
Todos	01/09			808160MMLD 808161MMLE			
Todos	13/19			808605MMLE 808606MMLD	334533MM		 
Todos	20/...		379075SP				
Trailblazer							
Todos	12/16	379048SP	379049SP				 
Vectra							
16 V - Todos	93/03-96			334078MM	334041MM		 
2.0 - Mecânico	06/12	SP042LE SP043LD	SP044				 
2.0 Automático / 2.4 - Todos	06/12	SP255LE SP256LD	SP044				 
8 V - Todos	93/03-96			334077MM	334041MM		 
GT / GTX	09-07/12	SP255LE SP256LD	SP044				 
Movido à Gás Natural Veicular (GNV)	03-96/05			808062MMLE 808063MMLD			
Todos	03-96/05			808062MMLE 808063MMLD	334064MM		 






Veículo Modelo	Ano	OESpectrum 	Monro-Matic Plus 	Original 	Convencional 	Gás Premium Gold 	Fixação  
GENERAL MOTORS							
GM BRASIL							
Veraneio							
Pick up	64/92			334415MM	334416MM		⊗ ⊗
Pick up	93/97			334004MM	334015MM		⊗ ⊗
Zafira							
Todos	01/12	SP039LD SP040LE	SP245				⊖ ⊗
Ômega							
2.0 / 2.2 / 3.0 / 4.1	92/98				334010MM		⊖
HONDA							
HONDA							
Accord							
Todos	08/12	72562	72563				⊖ ⊕
Todos (Exceto EX-R)	03/07	72123	71372				⊖ ⊗
CR-V							
4x2	15/16	73057LD 73058LE	72957				⊖ ⊗
4x4	15/16	73045LD 73046LE	72957				⊖ ⊗
Todos	12/14	72491LD 72492LE	72957				⊖ ⊗
Todos	02/06	72143LD 72144LE	71380				⊖ ⊗
Todos	07/11	72491LD 72492LE	72497				⊖ ⊗
Todos	97/01	71583			D7006Ad		⊖ ⊗
City							
Hatch	22/...		SP142				⊗
Sedan	22/...		SP142				⊗
Todos	14/21	749020SPLE 749021SPLD	SP142				⊖ ⊗
Todos	09/13	SP110LD SP111LE	SP831		334321MM		⊖ ⊗
Civic							
(Exceto SI)	16/22		379071SP	808523MMLD 808524MMLE			⊖ ⊗
(Exceto SI)	06/11	72286LD 72287LE	SP251				⊖ ⊗
1.6 V-Tec 3 e 4 portas (Nacional.)	98/00				23858		⊖
1.8	12/15	749000SPLD 749001SPLE	SP049				⊖ ⊗
2.0	12/15	749047SPLE 749048SPLD	SP049				⊖ ⊗
Todos	01/02		SP249			16471GPLD 16472GPLE	⊖ ⊗
Todos	03/05		SP249				⊗
Todos 2 e 4 portas (Imp.)	91/96				23859		⊕
Todos 3 e 4 portas (imp.)	96/98				23858		⊖

Veículo Modelo	Ano	OESpectrum	Monro-Matic Plus	Original	Convencional	Gás Premium Gold	Fixação
							D T
HONDA 							
FIT							
Todos	14/21	749020SPLE 749021SPLD	SP142				☐ ♂
Todos	03/08	SP025LD SP026LE	SP816	334319MM			☐ ♂
Todos	09/13	SP110LD SP111LE	SP831	334321MM			☐ ♂
HR-V							
Modelo Novo	22/...		379002SP				♂
Todos	15/21	749024SPLD 749025SPLE	379002SP				☐ ♂
WR-V							
Todos	17/22		379076SP				♂
HYUNDAI 							
Azera							
Todos	12/17		5646	808603MMLD 808604MMLE			☐ ♂
Todos	07/11	379077SP	379254SP				☐ ♂
Creta							
Todos	17/07-21		379052SP	808533MMLE 808534MMLD			☐ ♂
Elantra							
Todos	11/16			808599MMLD 808600MMLE	334530MM		☐ ♂
H1							
H1 12 Lugares	97/09				V1143#	V1149#	♂ ♂
H-100							
Todos	94/08	379062SP	379063SP				♂ ♂
HB20							
Modelo Novo	09-19/...		379064SP				♂
Todos	12/08-19	SP978LE SP979LD	379064SP				☐ ♂
HB20S							
Modelo Novo	09-19/...		379064SP				♂
Todos	13/08-19	SP978LE SP979LD	379064SP				☐ ♂
HB20X							
Modelo Novo	09-19/...		379061SP				♂
Todos	13/08-19	SP960LE SP961LD	379061SP				☐ ♂
HR							
Rodagem Dupla	05/...	379062SP	379298SP				♂ ♂
Rodagem Simples	05/...	379062SP	379297SP				♂ ♂

Veículo Modelo	Ano	OESpectrum 	Monro-Matic Plus 	Original 	Convencional 	Gás Premium Gold 	Fixação 
HYUNDAI 							
I30							
Todos	09/12	SP988LD SP989LE	SP990				☐ ⚡
IX35							
4x2	10/15			808525MMLD 808526MMLE	334257MM		☐ ⚡
4x4	10/12			808525MMLD 808526MMLE	334260MM		☐ ⚡
Santa Fé							
(Exceto suspensão com regulagem de altura)	10/12		379016SP	806127MMLD 806128MMLE			☐ ⚡
(Exceto suspensão com regulagem de altura)	07/09	749052SPLD 749053SPLE	379016SP				☐ ⚡
4x2	13/...	746002SPLD 746003SPLE	370001SP				☐ ⚡
4x4 (Exceto suspensão com regulagem de altura)	13/...	746002SPLD 746003SPLE	370002SP				☐ ⚡
Todos	01/03-06				D8020Ad		☐ ⚡
Sonata							
Todos	11/15		5646	808601MMLD 808602MMLE			☐ ⚡
Todos	06/10	379077SP	379254SP				☐ ⚡
Tucson							
(Exceto New Tucson)	05/18	SP991LE SP992LD	SP993LE SP994LD				☐ ☐
Veloster							
Todos	11/14			808597MMLD 808598MMLE	334529MM		☐ ⚡
Vera Cruz							
(Exceto suspensão com regulagem de altura)	07/12		379016SP				☐ ⚡
JAC MOTORS							
J3							
Todos	11/...	749028SPLD 749029SPLE	749030SPLD 749031SPLE				☐ ☐
JEEP 							
Cherokee							
	14/19		37358				☐ ⚡
4X2 / 4X4 (Exceto Grand) (imp.)	91/01		379018SP		37083*		☐ ⚡
Grand	99/04	37161	37162				☐ ⚡
Grand (Exceto 6.1)	05/10				71377* 911278#		☐ ⚡
Grand 4 x 2 / 4 x 4 (imp.)	93/98				37081* 37082*		☐ ⚡
Grand Cherokee							
(suspensão com mola)	11/15	749009SP			911304#		☐ ⚡

Veículo Modelo	Ano	OESpectrum	Monro-Matic Plus	Original	Convencional	Gás Premium Gold	Fixação
							D T
JEEP							
Grand Cherokee							
(suspensão com mola)	16/19					911304#	⊕
KIA							
Besta							
GS 12 lugares / Furgão	98/06			334173MM	334229MM		⊖ ⊕
GS 16 lugares	98/06			334173MM	334230MM		⊖ ⊕
Todos (Exceto GS) (imp.)	93/97					38111	⊗
Bongo							
4x2	97/...	SP264	SP265				⊖ ⊗
4x4	97/...		SP265				⊗
Cadenza							
Todos	14/14		5646				⊕
Cerato							
Todos	09/13	749034SPLD 749035SPLE	379004SP				⊖ ⊗
Optima							
Todos	11/13		5646				⊕
Sorento							
(Exceto suspensão com regulagem de altura)	10/13		379016SP	806127MMLD 806128MMLE			⊖ ⊗
4x2 (Exceto suspensão com regulagem de altura)	14/15	746002SPLD 746003SPLE	370001SP				⊖ ⊗
4x4 (Exceto suspensão com regulagem de altura)	14/15	746002SPLD 746003SPLE	370002SP				⊖ ⊗
Todos	04-02/09-06		37281				⊗
Todos	10-06/10-09		37323				⊖
Soul							
Todos	09/14			808527MMLD 808528MMLE	334136MM		⊖ ⊕
Sportage							
4x2	11/15			808525MMLD 808526MMLE	334257MM		⊖ ⊕
4x4	11/15			808525MMLD 808526MMLE	334260MM		⊖ ⊕
Grand Sportage	99/04				334242MM	83760GPLD 83761GPLE	⊖ ⊕
Todos	05/10	SP991LE SP992LD	SP993LE SP994LD				⊖ ⊖
LAND - ROVER							
Defender							
Defender 90/ 110/ 130	83/...				D6628Ad	D6629Ad	⊕ ⊖
Discovery							
Discovery II	94/99				D6643Ad		⊖

Veículo Modelo	Ano	OESpectrum 	Monro-Matic Plus 	Original 	Convencional 	Gás Premium Gold 	Fixação  
LAND - ROVER 							
Range Rover							
(Exceto Veículos Com Sensor De Desgaste Da Pastilha De Freios E Veículos Com Suspensão Eletrônica)	06-11/19			D0418Ad	D0420Ad		 
LIFAN MOTORS							
X60							
Todos	13/...	379053SP	808535MMLL 808536MMLD				 
MERCEDES-BENZ 							
C 180 / 200 / 220 Sedan							
Todos (imp.)	93/00				43081		
C 280 Sedan							
Todos (Exceto Sport) (imp.)	93/00				43081		
C-CLASS (CL203) C160 KOMPRESSOR							
(Exceto Suspensão Esportiva)	05-02/05-08	742002SP	376045SP				 
C-CLASS (CL203) C180							
(Exceto Suspensão Esportiva)	03-01/05-02	742002SP	376045SP				 
C-CLASS (CL203) C180 KOMPRESSOR							
(Exceto Suspensão Esportiva)	05-02/05-08	742002SP	376045SP				 
C-CLASS (CL203) C200 CDI							
(Exceto Suspensão Esportiva)	03-03/05-08	742002SP	376045SP				 
C-CLASS (CL203) C200 CGI KOMPRESSOR							
(Exceto Suspensão Esportiva)	03-03/05-08	742002SP	376045SP				 
C-CLASS (CL203) C200 KOMPRESSOR							
(Exceto Suspensão Esportiva)	03-01/05-08	742002SP	376045SP				 
C-CLASS (CL203) C220							
(Exceto Suspensão Esportiva)	05-02/05-08	742002SP	376045SP				 
C-CLASS (CL203) C220 CDI							
(Exceto Suspensão Esportiva)	03-01/05-08	742002SP	376045SP				 
C-CLASS (CL203) C230							
(Exceto Suspensão Esportiva)	01-05/05-08	742002SP	376045SP				 
C-CLASS (CL203) C230 KOMPRESSOR							
(Exceto Suspensão Esportiva)	03-01/05-08	742002SP	376045SP				 
C-CLASS (CL203) C320							
(Exceto Suspensão Esportiva)	09-02/05-08	742002SP	376045SP				 
Classe A							
Todos	10-98/08-04			G16277	43112		 







Veículo Modelo	Ano	OESpectrum	Monro-Matic Plus	Original	Convencional	Gás Premium Gold	Fixação
							D T
MERCEDES-BENZ							
Mercedes-Benz							
Classe C							
S203 - C180/ C240/ C320/ C200CDI/ C220CDI/ C270CDI/ C180 Kompr./ C220 Kompr. (Exc.susp.esportiva e Nivel.de susp.)	03-01/...		376034SP		G8429		☐ ☐
S204 - C180CGI / C200CGI / C250CGI / C300 / C350 / C180CDI / C200CDI / C220CDI / C250CDI / C350CDI (Exceto suspensão eletrônica / 4 - Matic)	07/14	742071SP					☐
W203 - C180/ C230/ C240/ C280/ C320/ C350/ C200CDI/ C220CDI/ C270CDI/ C320CDI/ C200CGI/ C180 Kompr./ C200 Kompr./ C230 Kompr./ C200 CGI Kompr. (Exc.susp.esportiva / 4-Matic e Nivel.de susp.)	05-00/07		376034SP		G8429		☐ ☐
W204 - C180 CGI / C200CGI / C230 / C250CGI / C300 / C350CGI / C180CDI / C200CDI / C220CDI / C250CDI / C350CDI (Exceto suspensão eletrônica / 4 - Matic)	07/14	742071SP	376039SP				☐ ☐
Classe CLK							
A209 - CLK200/ CLK240/ CLK280/ CLK320/ CLK350/ CLK500/ CLK230 CDI/ CLK200 CGI/ CLK200 Kompr. (Exc.susp.esportiva e Nivel.de susp.)	04-02/...		376034SP		G8429		☐ ☐
C209 - CLK200/ CLK240/ CLK280/ CLK320/ CLK350/ CLK500/ CLK220 CDI/ CLK270 CDI/ CLK320 CDI/ CLK200 CGI/ CLK200 Kompr. (Exc.susp.esportiva e Nivel.de susp.)	04-02/...				G8429		☐
E200 / E220 / E240 / E280							
(Todos com Chassi W210) Exceto Sport	95/02				43096	43097	☐ ☐
E320 / E420 / E430 / E450 AMG							
(Todos com chassi W210)	95/02				43096	43097	☐ ☐
MB 180 D							
Todos (imp.)	94/98					59626	☐
Sprinter							
308/310/311/312/313 (Pneus 195/70/15)	97/11			334785MM			☐ ☐
415	12/...	749027SP	379003SP				☐ ☐
515	12/...	749032SP	379006SP				☐ ☐










Veículo Modelo	Ano	OESpectrum	Monro-Matic Plus	Original	Convencional	Gás Premium Gold	Fixação
							D T
MINI 							
CLUBMAN							
(R55)	09-07/15					G8095GPLD G8096GPLE	G1086GP 白 ㊄
COOPER							
(R56 e R57)	10-06/14					G8095GPLD G8096GPLE	G1086GP 白 ㊄
COOPER D							
(R56 e R57)	10-06/14					G8095GPLD G8096GPLE	G1086GP 白 ㊄
COOPER S							
(R56 e R57)	10-06/14					G8095GPLD G8096GPLE	G1086GP 白 ㊄
ONE							
(R56 e R57)	10-06/14					G8095GPLD G8096GPLE	G1086GP 白 ㊄
ONE D							
(R56 e R57)	10-06/14					G8095GPLD G8096GPLE	G1086GP 白 ㊄
MITSUBISHI 							
ASX							
(Exceto Outdoor)	11/...	749036SPLD 749037SPLE	379005SP				白 白
Colt							
1.3 / 1.6 / 1.6 (4 x 4) (Exceto GTI) (imp.)	92/96				11170LD 11171LE		23784GP 白 ㊄
1.3/1.6	06-97/06-03						23784GP ㊄
1.5	06-97/05-00						23784GP ㊄
L200							
4 x 4 (imp.)	93/95			D2653Ad	D8902Ad		㊄ ㊄
L200 4x4 - L/ GL/ GLS/ Savana	98/...	379150SP	379146SP				㊄ ㊄
L200 Savana 4x4 - modelo c/ 8 am's	03/14	379151SP					㊄
Outdoor 4x2 / 4x4	07/12	379151SP	379152SP				㊄ ㊄
Savana 4x4 - modelo c/ 8 am's	03/14		379152SP				㊄
Sport 4x2 / 4x4	04/...	379153SP	379154SP				㊄ ㊄
Triton	07/...	SP995	379299SP				㊄ ㊄
Triton (suspensão SDS)	13/...	SP995	379299SP				㊄ ㊄
Lancer							
1.6 - 16V (Exceto GTI) (imp.)	92/10-95					11170LD 11171LE	23784GP 白 ㊄
1.6 - 16V (Exceto GTI) (imp.)	11-95/07-01						23784GP ㊄
Todos	13/...		808529MMLD 808530MMLD	334486MM			白 ㊄
Outlander							
Todos (Exceto CW5W)	07/06-13		37310	808056MMLD 808057MMLD			白 ㊄

Veículo Modelo	Ano	OESpectrum	Monro-Matic Plus	Original	Convencional	Gás Premium Gold	Fixação
							D T
MITSUBISHI							
MITSUBISHI MOTORS							
Pajero							
(Exceto 3.0 / 3.5 / V6 e GLX) (imp.) (Eixo traseiro c/ mola helicoidal)	91/99			D5470Ad	D5471Ad		♂ ♂
Pajero IO (Eixo traseiro c/ mola helicoidal)	00/...	379262SP					♂
Pajero TR4 (Eixo traseiro c/ mola helicoidal)	03/...	379262SP					♂
Sport (Eixo traseiro c/ mola helicoidal)	99/...			D5470Ad	D6442Ad		♂ ♂
NISSAN							
NISSAN							
Altima							
Todos	13/...		5637				♂
Frontier							
Frontier 4x2	02/08-08			334278MM	334280MM		♂ ♂
Frontier 4x2	09-08/16	379327SP	379329SP				♂ ♂
Frontier 4x4	02/08-08			334279MM	334281MM		♂ ♂
Frontier 4x4	09-08/16	379326SP	379328SP				♂ ♂
Todos	17/...	379327SP	379068SP				♂ ♂
Grand Livina							
Todos	09/15	SP996LD SP997LE	379054SP				♂
Kicks							
Todos	16/...	749059SPLD 749060SPLE	379021SP				♂
Livina							
Todos	16/...		SP223				♂
Todos	09/15	SP996LD SP997LE	SP223				♂
March							
Sport	11/...	SP288LD SP289LE	SP290				♂
Todos	11/...	SP288LD SP289LE	SP290				♂
Pathfinder							
Todos	05/...			D8069Ad	D8068Ad		♂ ♂
Todos	99/04		37204				♂
Sentra							
Todos	13/...			334200MM			♂
Todos	07/12		5639	808218MMLD 808219MMLE			♂
Tiida							
Todos	07/13	SP986LD SP987LE	SP041				♂






Veículo Modelo	Ano	OESpectrum 	Monro-Matic Plus 	Original 	Convencional 	Gás Premium Gold 	Fixação  
NISSAN 							
Versa							
Todos	11/09-20	SP144LD SP145LE	SP146				 
Todos	10-20/...		379084SP				
X-Terra							
Todos	03/10			334278MM 334280MM			 
PEUGEOT 							
106							
1.0 - Todos (imp.)	91/...			334286MM		43806GP 38045GP	 
1.4 / 1.6 - Todos (imp.)	91/96			334286MM		43806GP 38045GP	 
206							
SW (Exceto Escapade)	05/09	SP225LE SP226LD	SP278				 
SW Escapade	07/08	SP297LE SP298LD	SP278				 
Todos (Exceto SW / SW Escapade)	99/10	SP225LE SP226LD	SP190				 
207							
SW Escapade - 1.4/ 1.6	08/...	SP297LE SP298LD	379387SP				 
Sedan/ Hatch/ SW (Exceto Escapade) - 1.4 / 1.6	08/...	SP385LE SP386LD	379387SP				 
208							
Transmissão Automática (Exceto GT)	13/19	749012SPLD 749013SPLE	379001SP				 
Transmissão Manual (Exceto GT)	13/19	749014SPLD 749015SPLE	379001SP				 
306							
1.4 / 1.6 / 1.8 - Cabriolet / GTI 16V (imp.) - Todos (Exceto Break Passion Perua)	93/04			808338MMLE 808339MMLD	42041		 
Break Passion (perua) (imp.) - Todos	98/02			808338MMLE 808339MMLD			
307							
Todos	03-01/12	749050SPLD 749051SPLE	379020SP				 
308							
1.4 / 1.6 / 2.0 (Exceto turbo)	07/10-14	749054SPLD 749055SPLE	379019SP				 
1.6 Turbo	07/10-14					G8127GPLD G8128GPLE	
408							
Todos	11/19	749054SPLD 749055SPLE	379019SP				 
2008							
Todos	15/19	749012SPLD 749013SPLE	379001SP				 




















































Veículo Modelo	Ano	OESpectrum	Monro-Matic Plus	Original	Convencional	Gás Premium Gold	Fixação
							D T
PEUGEOT  PEUGEOT							
2008							
Todos	20/...	749012SPLD 749013SPLE					☐
3008							
Todos	09/16			G8383LD G8384LE	G2241		☐ ♂
Boxer							
Todos	94/...		808410MM			95301GP 84736GP	☐ ♂
Hoggar							
Todos	10/14	749045SPLD 749046SPLE		334183MM			☐ ♂
Partner							
Todos (imp.)	98/...		808336MMLL 808337MMLD	334183MM			☐ ♂
RENAULT  RENAULT							
Captur							
4X2 - Transmissão automática	17/...	749003SP	379008SP				☐ ♂
4X2 - Transmissão manual	17/...	749005SP	379008SP				☐ ♂
4X4 - Transmissão automática	17/...	749003SP	379008SP				☐ ♂
4X4 - Transmissão manual	17/...	749005SP	379008SP				☐ ♂
Clio							
1.0 (Nacional) Hatch	12-12/...	SP036	SP759	808417MM	334318MM		☐ ♂
1.0 (Nacional) Hatch / Sedan	00/10-11	SP151	SP759	808420MM	334318MM		☐ ♂
1.0 (Nacional) Hatch / Sedan	11-11/11-12	SP207	SP759	808429MM	334318MM		☐ ♂
1.6 (Nacional) Hatch / Sedan	00/09	SP152	SP759	808421MM	334318MM		☐ ♂
Todos modelos antigos (imp.)	96/04-99					44441GP 38039GP	☐ ♂
Todos modelos antigos (imp.)	05-99/...					38039GP	☐ ♂
Duster							
4X2 - Transmissão automática	11/...	749003SP	379008SP				☐ ♂
4X2 - Transmissão manual	11/...	749005SP	379008SP				☐ ♂
4X4 - Transmissão automática	11/...	749003SP			G7386		☐ ☐
4X4 - Transmissão manual	11/...	749005SP			G7386		☐ ☐
Fluence							
Todos (Exceto Turbo)	11/...	749033SP	379007SP				☐ ♂
Kangoo							
Furgão (imp.)	13/...	SP033		808416MM	334305MM		☐ ♂
Furgão (imp.)	99/12			808407MM	334305MM	94143GP	☐ ♂
Passeio (imp.)	13/...	SP033		808416MM		83749GP	☐ ♂
Passeio (imp.)	99/12			808407MM		94143GP 83749GP	☐ ♂
Kwid							
Todos	17/...			808609MM	334534MM		☐ ♂






Veículo Modelo	Ano	OESpectrum	Monro-Matic Plus	Original	Convencional	Gás Premium Gold	Fixação
							D T
RENAULT							
							
Logan							
Todos	14/...	749006SP	SP130				☐ ♂
Todos	08/13	SP203	SP285				☐ ♂
X-Tronic 1.6 (Câmbio Automático CVT)	20/...		SP211				♂
Master							
	03-13/...			808566MM	334508MM		☐ ♂
Furgão	02/13					84745GP 84746GP	♂ ♂
Minibus	02/13					84745GP 84746GP	♂ ♂
Mégane							
1.6 / 2.0 (imp.)	95/05			808404MM	334294MM	44455GP 38253GP	☐ ♂
Grand Tour	06/13				G16387 23967		☐ ♂
Todos	06/11	749002SP			23967		☐ ♂
Oroch							
Transmissão Automática	15/...		749026SP				☐
Transmissão Manual	15/...	749023SP	749026SP				☐ ☐
Sandero							
(Exceto Stepway / RS / X-Tronic 1.6 (Câmbio Automático CVT))	07-14/...	749006SP	SP130				☐ ♂
Stepway	07-14/...	749007SP	SP214				☐ ♂
Stepway	08/06-14	SP204	SP211	808428MM			☐ ♂
Todos (Exceto Stepway)	08/06-14	SP203	SP285				☐ ♂
X-Tronic 1.6 (Câmbio Automático CVT)	20/...		SP211				♂
Scenic							
Todos	99/...			808404MM	334313MM	44455GP 84737GP	☐ ♂
Symbol							
1.6	09/...	SP152	SP759	808421MM	334318MM		☐ ♂
Twingo							
Todos (imp.) (Com barra estabilizadora)	94/08-00				334289MM		♂
Todos (imp.) (Sem barra estabilizadora)	94/08-00				334289MM	94135GP 38203GP	☐ ♂
SEAT							
							
Cordoba							
Todos (imp.)	95/02			808400MM	334288MM	43901GP 38060GP	☐ ♂
Ibiza							
Todos (imp.)	95/02			808400MM	334288MM	43901GP 38060GP	☐ ♂
Inca							
Todos (imp.)	98/08			808400MM	334287MM	43901GP 38055GP	☐ ♂
Toledo							
1.6/ 1.8/ 1.9TD/ 2.0i	91/99			808400MM	334288MM	43901GP 38060GP	☐ ♂






Veículo Modelo	Ano	OESpectrum	Monro-Matic Plus	Original	Convencional	Gás Premium Gold	Fixação
							D T
SEAT 							
Toledo							
Todos	00/...	SP154	SP166				☐ ♀
SMART							
Fortwo							
(Exceto Brabus)	07/06-14			G7104	43133		☐ ♀
SSANGYONG 							
Rexton							
Todos	02/...	749010SP					☐
SUZUKI 							
Grand Vitara							
Todos	09/16		808531MMLD 808532MMLE	334487MM			☐ ♂
Todos	98/03		808160MMLD 808161MMLE				☐
SX4							
4X4	06-06/15		378059SP				♀
Vitara							
1.6/1.9/2.6	09/16		808531MMLD 808532MMLE	334487MM			☐ ♂
2/3 portas (imp.)	89/99				D7624Ad		♀
TOYOTA 							
Bandeirante							
Jeep - Todos	15.03.93/01			334435MM	334447MM		♂ ♂
Jeep Pick-Up Todos	60/14.03.93			334435MM	334421MM		♂ ♂
Pick-up - Todos	15.03.93/01			334435MM	334446MM		♂ ♂
Camry							
Todos	07/11	72307LD 72308LE	72309LD 72310LE				☐ ☐
Corolla							
1.8	98/02				G16175LD G16176LE		☐
Fielder SW	03/08	SP273LE SP274LD	SP252				☐ ☐
Todos	03-14/08-19	749078SPLD 749079SPLE	SP218				☐ ♀
Todos	03/08	SP273LE SP274LD	SP252				☐ ☐
Todos	09/02-14	SP116LD SP117LE	SP218				☐ ♀







Veículo Modelo	Ano	OESpectrum 	Monro-Matic Plus 	Original 	Convencional 	Gás Premium Gold 	Fixação  
TOYOTA 							
Etios							
Todos	12/...	SP003	SP004				 
Hilux							
4 x 2 Argentino (Exceto SW e DLX) (imp.)	96/04					83738GP	
4 x 4 (Exceto SW e Cab. Dupla) (imp.)	93/95					59649GP	
4 x 4 Argentina (Exceto SW) (imp.)	96/04			334298MM	334022MM	83736GP	 
Pick up	15/...	379050SP	379051SP				 
Pick up 4x2 / 4 x4 - Cabine simples, Cabine Dupla	05/14		SP806			83805GP	 
SW4	15/...	379066SP	379067SP				 
SW4	05/14			334309MM	334308MM	83815GP	83807GP  
Land Cruiser							
Prado	02/09				D8024Ad	D8019Ad	 
RAV 4							
Todos	12-05/12			808541MMLD 808542MMLL	334490MM		 
Yaris							
Hatch	18/...		379086SP				
Sedan	18/...		379086SP				
TROLLER 							
Jeep Troller T4							
Todos	01/09-14			334255MM	334255MM		 
Todos	10-14/...	379017SP	379017SP				 
VOLKSWAGEN 							
Amarok							
Todos	10/...			334032MM		84751GP	83833GP  
Apollo							
Todos	90/92			808949MM			
Bora							
Todos	00/11	SP154	SP166				 
Brasília							
Todos	73/82			334829MM	334728MM		 
Caddy							
Todos (imp.)	98/...			808400MM	334287MM	43901GP	38055GP  
Cross up!							
Todos	15/...		SP038				
CrossFox							
Todos	05/...	SP267	SP282				 







Veículo Modelo	Ano	OESpectrum	Monro-Matic Plus	Original	Convencional	Gás Premium Gold	Fixação
							D T
VOLKSWAGEN							
EOS							
Todos (Exceto suspensão eletrônica)	08/12					16497GP	☐
Eurovan							
Todos	98/00			V2077#			♀
Fox							
1.0/1.6 com barra estabilizadora	10/...	SP269	SP271				☐ ♂
1.0/1.6 com barra estabilizadora	03/09	SP269	SP270				☐ ♂
1.0/1.6 sem barra estabilizadora	10/...	SP268	SP271				☐ ♂
1.0/1.6 sem barra estabilizadora	03/09	SP268	SP270				☐ ♂
Fusca							
Sport / TSI	04-11/19					16497GP	☐
Fusca / Karmann Ghia							
1300 (até 12/8/81) / 1200	53/81		334772MM	334728MM			♂ ♂
1300 (de 15/8/81) / 1500 - 1600	81/...		334829MM	334728MM			♂ ♂
Gol							
1.8 / 2.0 / GT / GTI	80/94		334081MM	334826MM			☐ ♂
1000 - 1.6 - 1.8 até 12/82 e de 10/83 (modelo Antigo)	80/95		334081MM	334826MM			☐ ♂
1000 / 1.6 / 1.8 / 2.0 (Exceto GTI 2.0 16V) - Geração 2, 3 e 4	95/14		334081MM	334048MM			☐ ♂
GTI 2.0 16V	95/14			334048MM			♂
GTI 2.0 16V	95/...		334091MM				☐
Geração 5 - 1.0/ 1.6 - Sem Barra estabilizadora (Exceto Rallye / Track)	08/22	SP321	SP322				☐ ♂
Geração 5 - 1.0/ 1.6 - Com Barra estabilizadora (Exceto Rallye / Track)	08/22	SP320	SP322				☐ ♂
Geração 6 - 1.0/ 1.6 - Sem Barra estabilizadora (Exceto Rallye / Track)	08/22	SP321	SP322				☐ ♂
Geração 6 - 1.0/ 1.6 - Com Barra estabilizadora (Exceto Rallye / Track)	08/22	SP320	SP322				☐ ♂
Geração 7 - 1.0/ 1.6 - Com Barra estabilizadora (Exceto Rallye / Track)	08/22	SP320	SP322				☐ ♂
Geração 7 - 1.0/ 1.6 - Sem Barra estabilizadora (Exceto Rallye / Track)	08/22	SP321	SP322				☐ ♂
Geração 8 - 1.0/ 1.6 - Com Barra estabilizadora (Exceto Rallye / Track)	08/22	SP320	SP322				☐ ♂
Geração 8 - 1.0/ 1.6 - Sem Barra estabilizadora (Exceto Rallye / Track)	08/22	SP321	SP322				☐ ♂
Movidos à Gás Natural Veicular (GNV) (Exceto GTI 2.0 16V) - Ger. II/ Ger. III/ Ger. IV	95/14		334081MM	334248MM			☐ ♂

Veículo Modelo	Ano	OESpectrum 	Monro-Matic Plus 	Original 	Convencional 	Gás Premium Gold 	Fixação  
VOLKSWAGEN							
Gol							
Rallye	10/22	749049SP	379013SP				 
Rallye	04/09			334091MM	334259MM		 
Todos GTI 2.0 16V Movidos à Gás Natural Veicular (GNV)	95/14				334248MM		
Todos GTI 2.0 16V Movidos à Gás Natural Veicular (GNV)	95/...			334091MM			
Todos de 06/12/82 até 05/10/83	82/83			334081MM			
Track	13/22	749049SP	379013SP				 
Gol Furgão							
Todos	80/94			334083MM			
Todos até 12/82 e de 10/83	80/94				334056MM		
Golf							
1.4 Highline (Com manga de eixo 50mm)	09-13/...	742116SP	376195SP				 
1.4 Tsi Turbo Highline/Confortline	13/...	742116SP	376195SP				 
GL / 1.6 / 1.8 / 2.0 (imp.)	94/98			808400MM	334291MM	43901GP 38209GP	 
GLX (imp.)	91/07-98			808400MM	334291MM	43901GP 38209GP	 
GTI (imp.)	91/98			808400MM		43901GP	
Todos (nacional) (Exceto Turbo)	98/09-13	SP154	SP166				 
Golf Variant							
Exceto Suspensão Eletrônica	13/...	742116SP	376195SP				 
Jetta							
1.4 (Com manga de eixo 50 mm)	16/17		379072SP		G16495		 
1.4 (Com manga de eixo 55 mm)	16/17		379072SP			16498GP	 
2.0 (Com manga de eixo 50 mm / Com Suspensão Traseira Dependente E Furo Inferior Da Fixação 10mm)	11/14		379055SP		G16495		 
2.0 (Com manga de eixo 50 mm / Com Suspensão Traseira Independente E Furo Inferior Da Fixação 14mm)	11/17		379072SP		G16495		 
2.0 (Com manga de eixo 55 mm / Com Suspensão Traseira Dependente E Furo Inferior Da Fixação 10mm)	11/14		379055SP			16498GP	 
2.0 (Com manga de eixo 55 mm / Com Suspensão Traseira Independente E Furo Inferior Da Fixação 14mm)	11/17		379072SP			16498GP	 
2.5 (Com manga de eixo 50 mm / Exceto Suspensão elevada)	07/11		379072SP		G16495		 
2.5 (Com manga de eixo 55 mm / Exceto suspensão elevada)	07/11		379072SP			16498GP	 
Kombi/Pick up							
Carat	97/...			334037MM	334437MM		 
Cliper	75/77			334855MM	334763MM		 
Cliper	78/96			334855MM	334451MM		 


























































Veículo Modelo	Ano	OESpectrum	Monro-Matic Plus	Original	Convencional	Gás Premium Gold	Fixação
							D T
VOLKSWAGEN							
Kombi/Pick up							
Pick up / cabine simples / dupla	82/96		334855MM	334451MM			⊗ ⊗
Todos	53/75		334018MM	334019MM			⊗ ⊗
Logus							
Todos	93/...		808378MM	334930MM			⊖ ⊕
New Beetle							
Todos	98/03-11	SP154	SP166				⊖ ⊕
Nivus							
Todos	20/...	749115SP	379081SP				⊖ ⊕
Parati							
1.6 / 1.8 / 2.0 (Exceto GTI 2.0 16V)	96/12		334081MM	334048MM			⊖ ⊕
Crossover 1.0 / 2.0	02/...		334091MM	334259MM			⊖ ⊕
GTI 2.0 16V	96/...		334091MM	334048MM			⊖ ⊕
S / LS / GLS 1.6 e 1.8 de 13/10/83	10-83/95		334081MM	334921MM			⊖ ⊕
S / SL / GLS até 13/10/83	82/10-83		334081MM			37886	⊖ ⊕
Surf	07/12		334091MM	334259MM			⊖ ⊕
Titan	09/11		334091MM	334259MM			⊖ ⊕
Treck & Field - Todos	00/...		334091MM	334259MM			⊖ ⊕
Passat							
Passat / Variant	98/09-99				26654	45008	⊕ ⊕
Passat / Variant (Exceto suspensão esportiva e eletrônica)	06/14				G1057		⊖ ⊕
Passat / Variant 1.8 / 2.0 / VR6 (Imp.)	93/96			334292MM		38214	⊕
Passat CC (Exceto suspensão eletrônica)	03-08/14				G1057		⊖ ⊕
Passat/Variant (Exceto Suspensão Reforçada)	09-99/05				26663	45008	⊕ ⊕
Todos (Exceto imp.)	74/...		334784MM	334868MM			⊖ ⊗
Pointer							
Todos	93/...		808378MM	334930MM			⊖ ⊕
Polo							
Classic (imp.) - Modelo Antigo	96/01		808400MM	334288MM			⊖ ⊕
Hatch - Sedan	02/06	SP269	SP270				⊖ ⊕
Hatch - Sedan	07/14	SP269	SP271				⊖ ⊕
Todos	09-17/...	749114SP	379080SP				⊖ ⊕
Quantum							
Movidos à Gás Natural Veicular (GNV)	84/98		334050MM	334102MM			⊖ ⊕
Todos	84/90		379931SP	334050MM			⊖ ⊕
Todos	91/02		379931SP	334050MM			⊖ ⊕
Santana							
Executivo	84/94		379932SP	334050MM			⊖ ⊕







Veículo Modelo	Ano	OESpectrum	Monro-Matic Plus	Original	Convencional	Gás Premium Gold	Fixação	
							D T	
VOLKSWAGEN								
Santana								
Movidos à Gás Natural Veicular (GNV) (Exceto modelo novo)	84/98		334050MM	334103MM			<input type="checkbox"/> <input type="checkbox"/>	
Movidos à Gás Natural Veicular (GNV) (Modelo novo)	98/...		334050MM	334102MM			<input type="checkbox"/> <input type="checkbox"/>	
Todos	84/90	379932SP	334050MM	334881MM			<input type="checkbox"/> <input type="checkbox"/>	
Todos (Exceto modelo novo)	84/98	379932SP	334050MM				<input type="checkbox"/> <input type="checkbox"/>	
Todos (Exceto modelo novo)	91/98	379932SP					<input type="checkbox"/> <input type="checkbox"/>	
Todos (modelo novo)	98/06	379931SP	334050MM				<input type="checkbox"/> <input type="checkbox"/>	
Saveiro								
Cross / Cabine Dupla	15/...	749380SP	379381SP				<input type="checkbox"/> <input type="checkbox"/>	
Crossover - Todos	05/...			334093MM	334258MM		<input type="checkbox"/> <input type="checkbox"/>	
Geração 5	08/16	749380SP	379381SP				<input type="checkbox"/> <input type="checkbox"/>	
Geração 6	08/16	749380SP	379381SP				<input type="checkbox"/> <input type="checkbox"/>	
Robust	16/...	749380SP	379381SP				<input type="checkbox"/> <input type="checkbox"/>	
SuperSurf	02/...			334093MM	334258MM		<input type="checkbox"/> <input type="checkbox"/>	
Todos (Exceto super surf)	98/...			334083MM	334148MM		<input type="checkbox"/> <input type="checkbox"/>	
Todos até 3/10/83	82/10-83			334083MM			<input type="checkbox"/> <input type="checkbox"/>	
Todos de 3/10/83	10-83/97			334083MM	334922MM		<input type="checkbox"/> <input type="checkbox"/>	
SpaceCross								
Todos	12/...	SP267	SP282				<input type="checkbox"/> <input type="checkbox"/>	
SpaceFox								
Todos	10/...	SP269	SP271				<input type="checkbox"/> <input type="checkbox"/>	
Todos	06/09	SP269	SP270				<input type="checkbox"/> <input type="checkbox"/>	
T-Cross								
Todos	19/...	749115SP	379081SP				<input type="checkbox"/> <input type="checkbox"/>	
TC/TL/1600								
TL- 2 / 4 portas / TC / 1600 - 4 portas	71/76			334829MM	334728MM		<input type="checkbox"/> <input type="checkbox"/>	
Tiguan								
Todos (Exceto suspensão eletrônica)	11-07/17				G1364	16497GP	<input type="checkbox"/> <input type="checkbox"/>	
Touareg								
3.6 FSI/4.2 FSI (Exceto Susp. Eletrônica/Esportiva/Nivelamento De Susp.)	05-10/18				D0312Ad	D0314Ad	<input type="checkbox"/> <input type="checkbox"/>	
Todos (Exceto suspensão esportiva)	10-02/04-10				D0303Ad	D8072Ad	<input type="checkbox"/> <input type="checkbox"/>	
Up!								
Todos	14/...		SP038				<input type="checkbox"/> <input type="checkbox"/>	
Van								
Todos (imp.)	98/...			808400MM	334287MM	43901GP	38055GP	<input type="checkbox"/> <input type="checkbox"/>
Variant								
Variant	71/76			334829MM	334728MM		<input type="checkbox"/> <input type="checkbox"/>	



Veículo Modelo	Ano	OESpectrum	Monro-Matic Plus	Original	Convencional	Gás Premium Gold	Fixação
							D T
VOLKSWAGEN							
							
Virtus							
Todos	18/...	749114SP	379080SP				☐ ♂
Voyage							
1.8 / 2.0 / GT / GTS	81/95			334081MM	334826MM		☐ ♂
Todos - Com barra estabilizadora	08/22	SP320	SP322				☐ ♂
Todos - Sem barra estabilizadora	08/22	SP321	SP322				☐ ♂
Todos até 13/10/83	81/10-83			334081MM			☐
Todos de 13/10/83	10-83/95			334081MM	334826MM		☐ ♂
VOLVO							
VOLVO							
XC60							
2.0 / 3.0 (Exceto Nivelamento de Suspensão)	05-08/02-17	742240SPLD 742241SPLE	376157SP				☐ ♂





Veículo	Modelo	Ano	Convencional		Monro - Magnum 65		Fixação	
								
AGRALE								
Amortecedor								
MA 15.0		07/...			650528MG			⊗
MA 17.0		13/...			650528MG			⊗
Amortecedor de Cabine								
A8W RHD	Todos		38072					⊗
Furgo Van	6000		38072					⊗
Volare	W8 / W9 Cabine	09/...	38072					⊗
Amortecedor de Suspensão Caminhão								
14000S						650505MG		⊕
7000	Furgovan - Netuno - Todos os modelos	93/03				640524MG		⊗
7500	Furgovan - Netuno - Todos os modelos	94/05				640524MG		⊗
8500	Furgovan - Todos os modelos	97/09				640524MG		⊗
8700S	Furgovan - Todos os modelos	11/...				640524MG		⊗
MA - 7.5 T	Furgovan - Todos os modelos	93/05				640524MG		⊗
TX	1200	86/87			640527MG	640526MG		⊗ ⊗
TX	1600	86/94			640527MG	640526MG		⊗ ⊗
TX	1800	91/98			640527MG	640526MG		⊗ ⊗
Amortecedor de Suspensão Caminhão / Micro Ônibus								
10000S	Caminhão		54512	54511				⊗ ⊗
8700S	Caminhão		54512	54511				⊗ ⊗
8700TR	Caminhão		54512	54511				⊗ ⊗
MA-10.0	Micro Ônibus	00/11	54512	54511				⊗ ⊗
MA-8.7	Micro Ônibus		54512					⊗
Volare	Fly - Micro Ônibus	11/14	54512 54512	54514 54514				⊗ ⊗
Volare	Ikarus - Micro Ônibus	11/14	54512 54512	54514 54514				⊗ ⊗
Volare	MA9.2 TCA Executivo - Micro Ônibus	Todos	54512	54511				⊗ ⊗
Amortecedor de Suspensão Micro Ônibus								
7000	Netuno	93/03	54454					⊗
7500	Netuno	94/05	54454					⊗
8500		97/09	54454					⊗
MA 6.0	(A6/A8) Volare / Senior	98/06	54454					⊗
MA 7.5T	Netuno	93/05	54454					⊗
MA9.2	TCA Urbano	04/11				640562MG		⊗
Volare	A6/A8 Sênior / MA-7.5T/ MA-8.0T/ MA-8.5T/ MA-8.5T/ Super Senior MA - 7.5T/ MA-8.0T/ MA-8.5T/ Super/ Microônibus Volare W8		54454	54455				⊗ ⊗
Volare	A8W RHD	05/12		54513				⊗
Volare	Fly - Micro Ônibus	11/14	54512 54512	54514 54514				⊗ ⊗
Volare	Fly - Micro Ônibus	15/...		54514				⊗
Volare	Ikarus - Micro Ônibus	11/14	54512 54512	54514 54514				⊗ ⊗
Volare	Ikarus - Micro Ônibus	15/...		54514				⊗















































Veículo	Modelo	Ano	Convencional		Monro - Magnum 65		Fixação	
							D	T
AGRALE								
Amortecedor de Suspensão Micro Ônibus								
Volare	W8 / W9	09/...		54513				⊗
Amortecedor de Suspensão Ônibus								
MA - 17.0		12/...				650500MG		⊗
MA-10.0		00/12				650505MG		⊕
MA-12.0		06/11				650505MG		⊕
DAF								
Amortecedor de Cabine								
XF105 510		15/...			CB0235	CB0042 CB0237	♀	♀
XF105 510A		15/...			CB0235	CB0042 CB0237	♀	♀
XF105 FT 410		13/...			CB0235	CB0042 CB0237	♀	♀
XF105 FTS	6X2	15/...			CB0235	CB0042 CB0237	♀	♀
XF105 FTS	6X4	13/15			CB0235	CB0042 CB0237	♀	♀
XF105 FTS 410		13/18			CB0235	CB0042 CB0237	♀	♀
XF105 FTS 410A		13/18			CB0235	CB0042 CB0237	♀	♀
XF105 FTS 460		14/18			CB0235	CB0042 CB0237	♀	♀
XF105 FTS 460A		14/18			CB0235	CB0042 CB0237	♀	♀
XF105 FTT	6X2	15/...			CB0235	CB0042 CB0237	♀	♀
XF105 FTT	6X4	13/15			CB0235	CB0042 CB0237	♀	♀
XF105 FTT 410		15/...			CB0235	CB0042 CB0237	♀	♀
XF105 FTT 460		12/...			CB0235	CB0042 CB0237	♀	♀
XF105 FTT 460A		12/...			CB0235	CB0042 CB0237	♀	♀
FACCHINI								
Amortecedor de Carreta								
Carreta Semi-Reboque	Suspensão normal - 3º eixo					65479		⊗
Carreta Semi-Reboque	Suspensão pneumática					65489		⊗
Carreta Semi-Reboque	Suspensão rebaixada					65478		⊗


























































Veículo	Modelo	Ano	Convencional		Monro - Magnum 65		Fixação	
								
FORD								
								
Amortecedor de Cabine								
Caminhão Ford Cabine	Todos		38072	38072				
Amortecedor de Suspensão Caminhão								
Caminhão Canavieiro					65483			
Cargo	1113 / 1114 / 1117 / 1215 / 1218	07-91/...			65454	65449		
Cargo	1119	12/...	54497					
Cargo	1215 / 1217 / 1415 / 1417 / 1421 / 1422				65447	65449		
Cargo	1313 / 1314 / 1317 / 1418	85/06-91				65452		
Cargo	1313 / 1314 / 1317 / 1418 / 1419	.../06-91			65447			
Cargo	1314 / 1317 / 1418	07-91/...			65447			
Cargo	1314 / 1317 / 1418 / 1419	07-91/...				65449		
Cargo	1317 H S34 13T				65447			
Cargo	1317E	08/10			65447			
Cargo	1419	90/92			65447	65452		
Cargo	1514 / 1517 / 1615 / 1615T / 1617 / 1618 / 1618T / 1619 / 1622	07-91/...			65447	65448		
Cargo	1517E	08/10			65447			
Cargo	1521	02/05			65447	65448		
Cargo	1617 / 1621 / 1630				65447	65448		
Cargo	1717/ 1717E/ 1722E/ 2421/ 2422E/ 2428/ 2428E/ 2622				65447			
Cargo	1721 / 1731	02/05				65452		
Cargo	2213 / 2217 / 2218 / 2218T / 2319 / 2322 / 2324 / 2422 / 2630 / 2631 / 3222 / 3224 / 3530	07-91/...			65447			
Cargo	2322 / 2422 / 2425 / 3224 / 3530				65447			
Cargo	2622E/ 2628E/ 2632E/ 2932E/ 5032E/ 6332E				65483			
Cargo	2626 / 4031	02/06			65447			
Cargo	2831	02/05			65483			
Cargo	3031				65447			
Cargo	4331	03/06				65448		
Cargo	4432	06/08				65448		
Cargo	4432E	03/06				65448		
Cargo	4532E	03/06				65448		
Cargo	5031	05/05			65483			
Cargo	712	05-96/...	54497	54488				
Cargo	814 / 814C/ 914	.../00	54497	54488				
Cargo	815/ 815S / C815E / 915		54497	54488				
Cargo	816	12/...	54497					
Cargo	Actions 15T				65447	65448		
Cargo 1119		12/...				650518MG		
Cargo 816		12/...				650518MG		
F-350	4 x 2	96/...	54517	54518				
F-350	Todos	72/95	334412MM*					
F-400 / F-2000 / F-4000	Todos (Exceto repowering)	75/97	334412MM*	54388				




















































Veículo	Modelo	Ano	Convencional		Monro - Magnum 65		Fixação	
							D	T
FORD 								
Amortecedor de Suspensão Caminhão								
F-600 / 700 / 750	Todos	.../79	54388					⊗
F-4000	4x2 (repowering)	98/...	54518	54519				⊗ ⊗
F-4000	4x4 (repowering)	98/...		54519				⊗
F-7000 / 8100 / 8500 / 11000 / 12000 / 13000 / FT-7000 / 8000	Todos	77/...	54388					⊗
F-8500 / 14000 / 19000 / 21000 / 22000		.../04-92	60526					⊗
F-11000 / 14000 HD	Todos	05-92/...	60526					⊗
F-12000	Modelo novo	98/...	54489					⊗
F-12000 / 14000	Modelo antigo	05-92/98	60526					⊗
F-16000			54490					⊗
Amortecedor de Suspensão Ônibus								
Beta / B12000 / B1618 / B1621					65459	65459		⊗ ⊗
FB 4000		82/85			65459	65459		⊗ ⊗
GENERAL MOTORS 								
Amortecedor de Suspensão Caminhão								
A, C, D, 40 / 6000 / 6000T / 6100 / 6150		85/...	54477	54478				⊗ ⊗
GUERRA 								
Amortecedor de Suspensão Carreta								
Carreta Guerra	Suspensão Pneumatica					65415		⊗
IVECO 								
Amortecedor de Cabine								
EUROTECH	440E42TZ/ 440E42T/ 450E37TP/ 450E37HR/ 450E37	92/...				CB0095 CB0099		⊗
EUROTECH	CURSOR 450E31T/ CURSOR 190E31	92/...				CB0095 CB0099		⊗
EUROTRAKKER	190E42/ 450E37T	93/..				CB0095 CB0099		⊗
Eurotech 440	Série E					CB0073		⊗
Eurotech 450						CB0073		⊗
Eurotech 450	Série E					CB0073		⊗
Eurotech 740	Série E					CB0073		⊗
Eurotrakker 190	Série E					CB0073		⊗
Eurotrakker 380	Série E					CB0073		⊗
Eurotrakker 450						CB0073		⊗
Eurotrakker 450	Série E					CB0073		⊗
Eurotrakker 720	Série E					CB0073		⊗
Power Star 450E37T						CB0073		⊗
Stralis	200S38					CB0137 CB0149		⊗ ⊗





Veículo	Modelo	Ano	Convencional	Monro - Magnum 65	Fixação			
					D	T		
IVECO							IVECO	
Amortecedor de Cabine								
Stralis	200S41 Nr				CB0137	CB0149	Ø	Ø
Stralis	200S42				CB0137	CB0149	Ø	Ø
Stralis	200S44 At Ecoline				CB0137	CB0149	Ø	Ø
Stralis	200S44 At Eurotronic-Ecoline				CB0137	CB0149	Ø	Ø
Stralis	200S46 Nr				CB0137	CB0149	Ø	Ø
Stralis	450S38Hr					CB0149		Ø
Stralis	450S38T					CB0149		Ø
Stralis	450S38Tp				CB0137	CB0149	Ø	Ø
Stralis	450S42Hr				CB0137	CB0149	Ø	Ø
Stralis	450S42T				CB0137	CB0149	Ø	Ø
Stralis	450S42Tp				CB0137	CB0149	Ø	Ø
Stralis	49046T Nr					CB0149		Ø
Stralis	490S38T				CB0137	CB0149	Ø	Ø
Stralis	490S38T Hr				CB0137	CB0149	Ø	Ø
Stralis	490S38T/P				CB0137	CB0149	Ø	Ø
Stralis	490S41T Hr				CB0137	CB0149	Ø	Ø
Stralis	490S41T Nr				CB0137	CB0149	Ø	Ø
Stralis	490S42T				CB0137	CB0149	Ø	Ø
Stralis	490S42T Hr				CB0137	CB0149	Ø	Ø
Stralis	490S44 At Ecoline				CB0137	CB0149	Ø	Ø
Stralis	490S44T As Eurotronic-Ecoline					CB0136		Ø
Stralis	490S44T At Eurotronic-Ecoline				CB0137	CB0149	Ø	Ø
Stralis	490S44T Hi-Way Eurotronic-Ecoline				CB0137	CB0136	Ø	Ø
Stralis	490S46T Hr				CB0137	CB0149	Ø	Ø
Stralis	490S46T Nr				CB0137	CB0149	Ø	Ø
Stralis	490S48T As Ecoline					CB0136		Ø
Stralis	490S48T As Eurotronic-Ecoline					CB0136		Ø
Stralis	490S48T Hi-Way Eurotronic-Ecoline				CB0137	CB0136	Ø	Ø
Stralis	570S38T				CB0137	CB0149	Ø	Ø
Stralis	570S41T Nr				CB0137	CB0149	Ø	Ø
Stralis	570S42T				CB0137	CB0149	Ø	Ø
Stralis	570S46T Nr				CB0137	CB0149	Ø	Ø
Stralis	570S46T Nr Eurotronic				CB0137	CB0149	Ø	Ø
Stralis	600S44T As Eurotronic-Ecoline					CB0136		Ø
Stralis	600S44T At Ecoline				CB0137	CB0149	Ø	Ø
Stralis	600S44T At Eurotronic-Ecoline				CB0137	CB0136	Ø	Ø
Stralis	600S44T Hi-Way Eurotronic-Ecoline				CB0137	CB0136	Ø	Ø
Stralis	600S48T As Eurotronic-Ecoline					CB0136		Ø
Stralis	600S48T Hi-Way Eurotronic-Ecoline				CB0137	CB0136	Ø	Ø
Stralis	600S56T As Eurotronic-Ecoline					CB0136		Ø
Stralis	600S56T Hi-Way Eurotronic-Ecoline				CB0137	CB0136	Ø	Ø
Stralis	740S41Tz Nr				CB0137	CB0149	Ø	Ø

























































Veículo	Modelo	Ano	Convencional		Monro - Magnum 65		Fixação	
							D	T
IVECO								
IVECO								
Amortecedor de Cabine								
Stralis	740S42Tz				CB0137	CB0149	⊗	⊗
Stralis	740S46T Nr Eurotronic				CB0137	CB0149	⊗	⊗
Stralis	740S46Tz Nr				CB0137	CB0149	⊗	⊗
Stralis	740T48T Ad Ecoline				CB0137		⊗	
Stralis	800S44T As Eurotronic-Ecoline					CB0136		⊗
Stralis	800S44T At Ecoline				CB0137	CB0149	⊗	⊗
Stralis	800S44T At Eurotronic-Ecoline				CB0137	CB0136	⊗	⊗
Stralis	800S44T Hi-Way Eurotronic-Ecoline				CB0137	CB0136	⊗	⊗
Stralis	800S48T As Ecoline					CB0136		⊗
Stralis	800S48T As Eurotronic-Ecoline				CB0137	CB0136	⊗	⊗
Stralis	800S48T At Eurotronic-Ecoline				CB0137	CB0149	⊗	⊗
Stralis	800S48T Hi-Way Eurotronic-Ecoline				CB0137	CB0136	⊗	⊗
Stralis	800S56T As Eurotronic-Ecoline					CB0136		⊗
Stralis	800S56T Hi-Way Eurotronic-Ecoline				CB0137	CB0136	⊗	⊗
Trakker	380T38					CB0149		⊗
Trakker	720T42T					CB0149		⊗
Trakker	740T48T Ad Ecoline					CB0136		⊗
Amortecedor de Suspensão Caminhão								
Daily	30S13	18/...		54521				⊗
Daily	35.10	97/07	54520	54521			⊗	⊗
Daily	35.13	05/07		54521				⊗
Daily	35S14	07/...	54523	54521			⊗	⊗
Daily	35S14	97/07	54520				⊗	
Daily	38.13	05/08		54521				⊗
Daily	40.12	01/05		54521				⊗
Daily	40.13	05/07		54521				⊗
Daily	45S14	08/11	54523	54521			⊗	⊗
Daily	45S17	12/...	54523	54521			⊗	⊗
Daily	49.10	97/07	54520	54521			⊗	⊗
Daily	49.12	97/07	54520	54521			⊗	⊗
Daily	50.13	05/07		54521				⊗
Daily	50C13	99/04		54521				⊗
Daily	55C16	12/...	54523	54521			⊗	⊗
Daily	55C17	08/16	54523	54521			⊗	⊗
Daily	59.12	02/04	54522			640540MG	⊗	⊗
Daily	60.12	02/04	54522			640540MG	⊗	⊗
Daily	70C16	08/16	54523	54521			⊗	⊗
Eurotech		92/12				640539MG		+
Eurotech 450E			98036				⊕	
Scudato	59.12	01/...	54522			640540MG	⊗	⊗
Stralis	Todos				65492	65493	⊕	+








Veículo	Modelo	Ano	Convencional		Monro - Magnum 65		Fixação	
								
IVECO			IVECO					
Amortecedor de Suspensão Caminhão								
Tector	Todos	08/...	54501					
Vertis		10/12	54504	54507				 
MERCEDES-BENZ			 Mercedes-Benz					
Amortecedor								
OF-1721 L	(Com Suspensão Pneumática)	13/21			650529MG			
OF-1724 L	(Com Suspensão Pneumática)	13/21			650529MG			
Amortecedor de Cabine								
Actros	2041S					CB0116		
Actros	2044S					CB0116		
Actros	2644				CB0115 CB0148	CB0116		
Actros	2646				CB0115 CB0148	CB0116		
Actros	2646S					CB0116		
Actros	2648				CB0115 CB0148	CB0116		
Actros	2651				CB0115 CB0148	CB0116		
Actros	2653				CB0115 CB0148	CB0116		
Actros	2655				CB0115 CB0148	CB0116		
Actros	3355				CB0115 CB0148	CB0116		
Actros	4144				CB0115 CB0148	CB0116		
Actros 2644						CB0097		
Actros 2646						CB0097		
Actros 2648						CB0097		
Actros 2651						CB0097		
Actros 2653						CB0097		
Actros 2655						CB0097		
Actros 3355						CB0097		
Actros 4140		03-02/07-11				CB0122		
Actros 4144						CB0097		
Actros 4148		03-02/07-11				CB0122		
Axor	2533					CB0148	CB0116	 
Axor	2535					CB0236		
Axor	2536					CB0236		
Axor	2540					CB0148 CB0236	CB0116	 
Axor	2640					CB0236		

Veículo	Modelo	Ano	Convencional		Monro - Magnum 65		Fixação	
								
MERCEDES-BENZ								
 Mercedes-Benz								
Amortecedor de Cabine								
Axor	2644				CB0236			
Axor	3341				CB0148	CB0116		 
Axor	3344				CB0236			
Axor	4140				CB0236			
Axor 1933					CB0163	CB0097 CB0150		 
Axor 2035S					CB0163	CB0097 CB0150		 
Axor 2040					CB0163	CB0097 CB0150		 
Axor 2533					CB0163	CB0097 CB0150		 
Axor 2540					CB0163	CB0097 CB0150		 
Axor 2644					CB0163	CB0097 CB0150		 
Axor 2649					CB0163	CB0097 CB0150		 
Axor 3341					CB0163	CB0097 CB0150		 
L, LS, LK, LA	Cabine simples			37747				
Todos os caminhões	Cabine dupla			37876				
Amortecedor de Direção								
O 370 / 371					640549MG			
O 500		01/...			640550MG			
Amortecedor de Suspensão Caminhão								
1215C		99/04	54386 54386			65458 65458		 
1618M		89/96	54386 54386			65458 65458		 
1622L - Eletrônico		01/05	54386					
1938 / 1938S			54463			65464		 
1938 LS Eletronic			54449					
1938 LS/ 1946 LS			54449			65464		 
1944 / 1944S			54463			65464		 
2038	Caminhão	94/98			640525MG			
2414	Caminhão	94/94			640525MG			
2416	Caminhão	94/94			640525MG			
2418	Caminhão	92/99			640525MG			
2423	Caminhão	99/09			640525MG			
2428	Caminhão	01/06			640525MG			
Accelo	Novo Accelo	12/13	54503			65484		 
Accelo 1016		11/...	54503			65484		 
Accelo 1316	4x2		54503					
Accelo 715C		02/11	54503			65484		 






Veículo	Modelo	Ano	Convencional		Monro - Magnum 65		Fixação	
								
MERCEDES-BENZ								
 Mercedes-Benz								
Amortecedor de Suspensão Caminhão								
Accelo 815		11/...	54503			65484		
Accelo 915C		02/13	54503			65484		
Actros 2646	6x4	09/...			640543MG			
Atego 1315/ 1418/ 1518/ 1718/ 1725/ 1728/ 2425/ 2428	Todos		54502			65482		
Atego 1419/48	(Distância entre eixo 4800mm)	07-14/...				65502		
Atego 1719/36	(Distância entre eixo 3600mm)	07-14/...				65501		
Atego 1719/48	(Distância entre eixo 4800mm)	07-14/...				65502		
Atron 1719			54425 54425			65458 65458		
Axor	1933S	05/11				650535MG		
Axor	2036	12/...	54505					
Axor	2041	12/...	54505					
Axor	2535	09/11	54505					
Axor	2536	12/...	54505					
Axor	2541	12/...	54505					
Axor	2544					650535MG		
Axor	2544	05/...				650533MG		
Axor	2625	11/11	54505					
Axor	2641	12/...	54505					
Axor	2826	06/11				650533MG		
Axor	2828K	06/11	54505			650533MG		
Axor	2831	06/11	54505			650533MG		
Axor	3131		54505					
Axor	3131	11/...				650534MG		
Axor	3340	06/11				650534MG		
Axor	3340K	06/11				650533MG		
Axor	3340S	06/11				650533MG		
Axor	3344	06/11				650534MG		
Axor	3344K	06/11				650533MG		
Axor	3344S	06/11				650533MG		
Axor	4140K	06/11				650533MG		
Axor	4144	06/...				650533MG		
Axor 1933	L	05/...			640542MG			
Axor 2644	(CÓDIGO ORIGINAL A.958.323.1300)	05/11			640543MG			
Axor 2644S	(CÓDIGO ORIGINAL A.958.323.1200)	05/11			640542MG			
Axor 2826		06/11			640531MG			
Axor 3131		11/...			640531MG			
Axor 3340	Caminhão	05/11			640530MG			
Axor 3340K	Caminhão	05/11			640530MG			
Axor 3340S	Caminhão	06/11			640530MG			
Axor 3344		05/...			640543MG			






















Veículo	Modelo	Ano	Convencional		Monro - Magnum 65		Fixação	
								
MERCEDES-BENZ								
 Mercedes-Benz								
Amortecedor de Suspensão Caminhão								
Axor 3344	Caminhão	06/12			640530MG			⊗
Axor 3344K	Caminhão	06/12			640530MG			⊗
Axor 3344S	Caminhão	05/12			640530MG			⊗
Axor 4140K	Caminhão	06/11			640530MG			⊗
Axor 4144		05/...			640543MG			⊗
Axor 4144K	Caminhão	06/12			640530MG			⊗
Axor Rodoviário 2540S		06/11	54506					⊗
Axor Rodoviário 2640		06/11	54506					⊗
Axor Rodoviário 1933 / 2035 / 2040 / 2044			54505					⊗
Axor Rodoviário 2533			54506					⊗
Axor Rodoviário 2544S		06/11	54506					⊗
Axor Rodoviário 2644S	(Referencia original A.958.323.0700)	06/11	54506					⊗
K1418			54425			65402		⊗ ⊗
L 1625 / L ,LK 1214/ L, LK 1218 / 1414 / 1418E / 1420 / 1513 / 1514 / 1516 / 1517 / 1518 / 1519 / 1520 / 1614 / 1618 / 1621 / 1714 / 1718 / 1720 / 1721 / 1723			54386 54386			65461 65461		⊗ ⊗
L 508 / 608 / 610 / 708			37771	37771				⊗ ⊗
L 709 / 710 / 712			38022	38022				⊗ ⊗
L 709* / 710* / 712*	Suspensão reforçada		38042	38043				⊗ ⊗
L, LK, LS 1113 / 1116 / 1117 / 1118			54342					⊗
L, LK, LS 1313 / 1314 / 1316 / 1317 / 1318 / 1319			54386					⊗
L, LO, OF 812 / 814 / 912 / 914 / 1114			38042	38043				⊗ ⊗
L, LO, OF 812 / 814 / 912 / 914 / 1114	Suspensão reforçada		54499	54499				⊗ ⊗
L,LK, LB 2013, / 2014 / 2016 / 2017 / 2213 / 2214 / 2215 / 2216 / 2217 / 2219 / 2220 / 2225 / 2314 / 2316/ 2318 / 2325			54463			65405		⊗ ⊗
L / LS / LK 2638			54425					⊗
L1620 / 1935 / 1941 / 2635			54425	54463				⊗ ⊗
LA, LAK 1313 / 1314 / 1316/ 1317 / 1414 / 1418			54425			65402		⊗ ⊗
LA, LAK, LAS 1113 / 1116			37780					⊗
LK1114			54425			65402		⊗ ⊗
LK1935			54425	54463				⊗ ⊗
LS 1519 / 1520 / 1524 / 1525			54386					⊗
LS 1620 / 1632 / 1935 / 1941 / 2635			54425	54463				⊗ ⊗
LS 1625			54463			65443		⊗ ⊗
LS 1630			54463					⊗
LS 1924 / 1926 / 1929 / 1930 / 1932 / 1933 / 1934			54426					⊗
LS1634			54425	54463				⊗ ⊗






Veículo	Modelo	Ano	Convencional		Monro - Magnum 65		Fixação	
								
MERCEDES-BENZ								
 Mercedes-Benz								
Amortecedor de Suspensão Caminhão / Ônibus								
L 1625 / L, LK 1214/ L, LK 1218 / 1414 / 1418E / 1420 / 1513 / 1514 / 1516 / 1517 / 1518 / 1519 / 1520 / 1614 / 1618 / 1621 / 1714 / 1718 / 1720 / 1721 / 1723			54386 54386			65461 65461		
OH	1621	97/05	54443 54443			65461 65461		
OH	1623	00/06	54443 54443			65461 65461		
OH	1625	96/99	54443 54443			65461 65461		
OH	1628	98/06	54443 54443			65461 65461		
OH	1630	98/00	54443 54443			65461 65461		
OH	1635	95/98	54443 54443			65461 65461		
OH	1636	98/00	54443 54443			65461 65461		
Amortecedor de Suspensão Micro Ônibus								
LO 608 / 610 / 708 / 809 / 812 / 814 - OF 809 / 812			38042	38043				
LO 915		04/09	54503					
LO, OF 812 / 814 / 912 / 914 / 1114			38042	38043				
Amortecedor de Suspensão Ônibus								
1215C		99/04	54386 54386			65458 65458		
1618M		89/96	54386 54386			65458 65458		
1622L	Eletrônico	01/05				65458		
3° Eixo				54475				
Atron 1719			54425 54425			65458 65458		
LO1116			54463			65403		
LP 1111 / 1113, LPO 1111 / 1113 / 1114 / 1313 / 321 / 344, OF 1115			54363			65403		
O 370	Suspensão reforçada				65444			
O 370 / 371 / 400 - R, RS, RSL	Suspensão a ar		54475	54475				
O 370 / 371 / 400 - R, RS, RSL	Suspensão a ar (Susp. Reforçada)				65475	65475		
O 370 / 371 / 400 - U, UP	Suspensão feixe de mola		54475			65440		
O 370 / 371 / 400 - U, UP	Suspensão feixe de mola (Susp. Reforçada)				65475	65440		
O 500 - Articulado		01/...		54500	65487			
O 500 - U		01/12		54500	65487			
O 500 - U		13/...			65487	640561MG		
O 500 - UDA / MDA	1° Eixo suspensão dianteira (Utilizado no sistema BRT)				65487			
O 500 - UDA / MDA	2° Eixo Intermediário Traseiro (Utilizado no sistema BRT)			54500				
O 500 - UDA / MDA	3° Eixo Traseiro (Utilizado no sistema BRT)			54500				




Veículo	Modelo	Ano	Convencional		Monro - Magnum 65		Fixação	
								
MERCEDES-BENZ								
 Mercedes-Benz								
Amortecedor de Suspensão Ônibus								
O 500 - UDA / MDA	4º Eixo Traseiro (Utilizado no sistema BRT)					65494		+
O 500 - Articulado - Eixo Central			54509	54509			+	+
O 500 - CBC 2632				54500				+
O 500 - R / RS / M		01/...	54500	54500			+	+
O 500 - RSD		01/13	54500	54500			+	+
O 500 - RSD		14/...			640560MG	640560MG	+	+
O-500	3º Eixo - RSD 2036	04/05				650504MG		+
O-500	3º Eixo - RSD 2236	05/09				650504MG		+
O-500	3º Eixo - RSD 2336	07/07				650504MG		+
O-500	3º Eixo - RSD 2436	09/09				650504MG		+
OF 1113/ 1114/ 1217/ 1313/ 1314/ 1315/ 1316/ 1317/ 1318/ 1318E/ 1320/ 1513/ 1618/ 1620						65444	65405	+
OF 1218	Mini ônibus					650519MG		+
OF 1313 / 1314 / 1315 / 1317 / 1318			54427			65405		+
OF 1417 / 1418	Suspensão reforçada					65444	65405	+
OF 1417/ OF 1418			54495	65480				+
OF 1421		80/06				65456	65457	+
OF 1519	Euro V		54495	65480				+
OF 1621		80/06				65456	65457	+
OF 1623		80/06				65456	65457	+
OF 1625		80/06				65456	65457	+
OF 1630		80/06				65456	65457	+
OF 1635		80/06				65456	65457	+
OF 1721	Ciferal Citmax		54495	65480				+
OF 1721/OF 1722						54444	65458	+
OF 1724		12/...					650509MG	+
OF 1732 - Todos						54444		+
OH	1621	97/05	54443 54443			65461 65461		+
OH	1623	00/06	54443 54443			65461 65461		+
OH	1625	96/99	54443 54443			65461 65461		+
OH	1628	98/06	54443 54443			65461 65461		+
OH	1630	98/00	54443 54443			65461 65461		+
OH	1635	95/98	54443 54443			65461 65461		+
OH	1636	98/00	54443 54443			65461 65461		+
OH - 1417		03/04				640536MG		+
OH 1313 / 1314 / 1315 / 1316 / 1318 / 1418 / 1419 / 1420 / 1421 / 1513 / 1517 / 1518 / 1520 / 1620						65444	65457	+














































Veículo	Modelo	Ano	Convencional		Monro - Magnum 65		Fixação		
									
MERCEDES-BENZ								 Mercedes-Benz	
Amortecedor de Suspensão Ônibus									
OH-1518	XBC	04/09			650517MG				
OHL 1421		96/...			65456	65457			
OHL 1621		97/05			65456	65457			
OHL 1623		00/06			65456	65457			
OHL 1625		96/99			65456	65457			
OHL 1630		85/06			65456	65457			
OHL 1635		95/98			65456	65457			
OHL, OF 1621 / 1636	Suspensão a ar		54443			65457			
ÔNIBUS	BRT Capachassis / piso baixo com eixo era					650510MG			
Ônibus 10 / 12 Toneladas					650519MG				
Motor									
O 370					640552MG				
OM-447					640552MG				
OM-449					640552MG				
PUMA									
Amortecedor de Suspensão Caminhão									
914	Cabine dupla		54388	54388					
7900CB / 7900 CD			38042	38042					
RANDON									
Amortecedor de Carreta									
Caminhão Reboque	Suspensão Pneumática 3º eixo				650515MG 650515MG	65463 65463			
Carretas Randon	Suspensão Pneumática (diam. Bucha de aço 24mm)					65463			
Amortecedor de Suspensão Caminhão									
Caminhão Fora De Estrada		96/...			650516MG				
Caminhão Reboque	Suspensão Pneumática 3º eixo				650515MG 650515MG	65463 65463			
SCANIA								 SCANIA	
Amortecedor									
P,G e R	Série 5	12/...				650532MG			
Amortecedor de Cabine									
"G" Série 5 Caminhão Scania		04/...		38272					
"P" Serie 4 Caminhão Scania 124 (somente p/ caminhões c/ bolsa Ar Monroe)		05/...		38260					
"P" Serie 4 Caminhão Scania 124 (somente p/ caminhões c/ bolsa Ar Outros - Exc. Bolsa Ar Monroe)		05/...		38272					
"P" Série 4 Traseiro Caminhão Scania 124		98/04	38266						
















































Veículo	Modelo	Ano	Convencional		Monro - Magnum 65		Fixação	
							D	T
SCANIA 								
Amortecedor de Cabine								
"P" Série 5 Caminhão Scania		04/...		38272				⊕
"R" Serie 4 Caminhão Scania 124		.../04		38264				⊕
"R" Serie 4 Caminhão Scania 124 (somente p/ caminhões c/ bolsa Ar Outros - Exc. Bolsa Ar Monroe)		05/...		38272				⊕
"R" Serie 4 Caminhão Scania 124 (somente p/ caminhões c/ bolsa Ar Monroe)		05/...		38260				⊕
"R" Serie 4 Dianteiro Caminhão Scania 124			38263					⊕
"R" Série 3 Caminhão Scania 113				38283				⊕
"R" Série 5 Caminhão Scania		04/...		38272				⊕
"T" Serie 4 Caminhão Scania 124 (somente p/ caminhões c/ bolsa Ar Monroe)		05/...		38260				⊕
"T" Serie 4 Caminhão Scania 124 (somente p/ caminhões c/ bolsa Ar Outros - Exc. Bolsa Ar Monroe)		05/...		38272				⊕
"T" Serie 4 Caminhão Scania 124		99/04		38269				⊕
"T" Serie 4 Traseiro Caminhão Scania 124		95/04	38266					⊕
G230 / P230	Com mola helicoidal	09-07/...				CB0202		
G340 / G380 / P340 / P380 / P500 / P560 / P580 / R340 / R380 / R480 / R500 / R560 / R580	Com mola helicoidal	04-04/...				CB0202		
G360	Highline CR19	12/...				CB0194		⊕
G360	Topline CR19	12/...				CB0194		⊕
G360 / P360 / P400 / P440 / P480 / R360 / R400 / R440	Com mola helicoidal	04-10/...				CB0202		
G380	Cabine Curta CG	08/12				CB0196		
G380	Cabine Day CG	08/12				CB0196		
G400	CR	12/...				CB0196		
G400	Cabine Curta CG	12/...				CB0196		
G400	Cabine Day CG	12/...				CB0196		
G400	Highline CR19	12/...				CB0194		⊕
G400	Topline CR19	12/...				CB0194		⊕
G400 / G440 / P400 / R400 / R440	Com mola helicoidal	03-08/...				CB0202		
G410	CR	18/...				CB0196		
G410	Cabine Curta CG	18/...				CB0196		
G410	Cabine Day CG	18/...				CB0196		
G410	Highline CR19	19/...				CB0194		⊕
G410 / G490 / R410 / GR490	Com mola helicoidal	09-13/...				CB0202		
G420	CR	08/12				CB0196		
G420	Cabine Curta CG	08/12				CB0196		
G420	Cabine Day CG	08/12				CB0196		
G420	Highline CR19	08/...				CB0194		⊕
G420 / G470 / P420 / P470 / R340 / R380 / R420 / R470 / R500 / R560 / R580	Com mola helicoidal	03-04/...				CB0202		
G440	CR	03-08/...				CB0196		








Veículo	Modelo	Ano	Convencional	Monro - Magnum 65	Fixação
					 
SCANIA 					
Amortecedor de Cabine					
G440	Cabine Curta CG	01-10/...		CB0196	
G440	Cabine Day CG	01-10/...		CB0196	
G440	Highline CR19	03-08/...			CB0194 
G440	Topline CR19	04-10/...			CB0194 
G450	Cabine Curta CG	18/...		CB0196	
G450	Cabine Day CG	18/...		CB0196	
G450 / R450	Com mola helicoidal	01-12/...		CB0202	
G470	CR	08/...		CB0196	
G470	Highline CR19	08/...			CB0194 
G480	CR	07-04/...		CB0196	
G480	Cabine Curta CG	04-04/...		CB0196	
G480	Cabine Day CG	04-04/...		CB0196	
G480	Highline CR19	12/...			CB0194 
G480	Topline CR19	12/...			CB0194 
LK 140 / 141			37914		
P/G/R	Série 5	.../11	38263		
P230	CR	09/...		CB0196	
P230	Highline CR19	09/12			CB0194 
P280	CR	18/...		CB0196	
P320	CR	18/...		CB0196	
P340	CR	08/12		CB0196	
P340	Cabine Curta CG	08/12		CB0196	
P340	Cabine Day CG	08/12		CB0196	
P340	Highline CR19	08/12			CB0194 
P340	Topline CR19	08/12			CB0194 
P360	CR	12/...		CB0196	
P360	Highline CR19	12/...			CB0194 
P360	Topline CR19	12/...			CB0194 
P420	CR	03-04/...		CB0196	
P420	Cabine Curta CG	03-04/...		CB0196	
P420	Cabine Day CG	03-04/...		CB0196	
P420	Highline CR19	08/12			CB0194 
P420	Topline CR19	08/12			CB0194 
P440	CR	04-10/...		CB0196	
P620 / R620	Com mola helicoidal	08-06/...		CB0202	
R380	CR	10/12		CB0196	
R380	Cabine Curta CG	10/12		CB0196	
R380	Cabine Day CG	10/12		CB0196	
R380	Highline CR19	10/...			CB0194 
R380	Topline CR19	10/...			CB0194 
R400	CR	12/...		CB0196	
R400	Cabine Curta CG	12/...		CB0196	






















































Veículo	Modelo	Ano	Convencional		Monro - Magnum 65		Fixação	
							D	T
SCANIA 								
Amortecedor de Cabine								
R400	Cabine Day CG	12/...			CB0196			
R400	Highline CR19	12/...				CB0194		⊕
R400	Topline CR19	12/...				CB0194		⊕
R410	CR	19/...			CB0196			
R410	Cabine Curta CG	19/...			CB0196			
R410	Cabine Day CG	19/...			CB0196			
R410	Highline CR19	19/...				CB0194		⊕
R420	CR	07/12			CB0196			
R420	Cabine Curta CG	07/12			CB0196			
R420	Cabine Day CG	07/12			CB0196			
R420	Highline CR19	07/12				CB0194		⊕
R420	Topline CR19	07/12				CB0194		⊕
R440	CR	03-08/...			CB0196			
R440	Cabine Curta CG	01-10/...			CB0196			
R440	Cabine Day CG	01-10/...			CB0196			
R440	Highline CR19	04-10/...				CB0194		⊕
R440	Topline CR19	04-10/...				CB0194		⊕
R450	Cabine Curta CG	18/...			CB0196			
R450	Cabine Day CG	18/...			CB0196			
R470	CR	07/...			CB0196			
R470	Highline CR19	08/...				CB0194		⊕
R480	CR	06/...			CB0196			
R480	Cabine Curta CG	06/...			CB0196			
R480	Cabine Day CG	06/...			CB0196			
R480	Highline CR19	06/...				CB0194		⊕
R480	Topline CR19	01-08/...				CB0194		⊕
R500	CR	07/...			CB0196			
R500	Highline CR19	07/...				CB0194		⊕
R500	Topline CR19	07/...				CB0194		⊕
R560	CR	12/...			CB0196			
R560	Highline CR19	11/...				CB0194		⊕
R560	Topline CR19	11/...				CB0194		⊕
R580	CR	08/12			CB0196			
R580	Highline CR19	08/12				CB0194		⊕
R620	CR	11/...			CB0196			
R620	Highline CR19	11/...				CB0194		⊕
R620	Topline CR19	11/...				CB0194		⊕
Serie 3 T 113		90/04		38268				⊕
Serie 3 T 143		88/96		38268				⊕
Serie 4 Cabines P / G / R / T					CB0172	CB0245	+	⊕
Série 4 CP/CR						CB0173		+
Série 5	Streamline PGRT	12/...			CB0184	CB0182		⊕



Veículo	Modelo	Ano	Convencional		Monro - Magnum 65		Fixação D T
							
SCANIA 							
Amortecedor de Suspensão Caminhão							
G420 / P420 / R420 / P470 / R470 / R340 / R380 / R500 / R580		03-04/...	54438				⊕
L, LK, LS 110 / 111 / 112 / LT 110/111			54458				⊕
LK / LKS / LT / LKT / LHS 140 / 141		78/...	54459				⊕
P93		83/...			65419	65423	⊕ ⊕
P124			54438				⊕
P230 / R230 / P270 / P310 / R310 / P340 / P420 / P380 / R620		09-04/...	54438				⊕
Amortecedor de Suspensão Caminhão / Ônibus							
A	6x2/6x4	07/12			65418		⊕
B 420	6x4	08/12			65418		⊕
CAMINHÃO SERIE 4	P93/94/114/124/R/T-114/12	Todos			65418		⊕
CB	6x4	12/...			65418		⊕
CB 360	6X4/ 8X4	12/...			65418		⊕
DB	4X2/6X2/8X2	12/...			65418		⊕
F112 / 113		Todos			65418		⊕
G / P 360LA	4X2/6X2	12/...			65418		⊕
G / P 420A	4X2/6X2/6X4	08/12			65418		⊕
G / R 400CB	6X4 /8X4	12/...			65418		⊕
G / R 400LA	4X2/6X2/6X4	12/...			65418		⊕
G / R 440A	6X2/6X4	08/12			65418		⊕
G / R 440CA	6X4	12/...			65418		⊕
G / R 400 CA		12/...			65418		⊕
G / R 400CA		12/...			65418		⊕
G / R 480CA	6X4	12/...			65418		⊕
G / R 480CB	8X4/10X4	12/...			65418		⊕
G / R 480LA	4X2/6X2/6X4	12/...			65418		⊕
G 380A	4X2/6X2	08/12			65418		⊕
G 440A	4X2	08/10			65418		⊕
G 470A	4X2/6X2/6X4	08/12			65418		⊕
G 470B	6X2/8X4	10/12			65418		⊕
G 480A	6X2	08/12			65418		⊕
H / T / R112 / 113 / 142 / 143		Todos			65418		⊕
LA	4x2	12/...			65418		⊕
LA	4x2/6x2	12/...			65418		⊕
P 250 / 310 CB	6X4/8X4	12/...			65418		⊕
P / R 124 CB		98/05			65418		⊕
P / R 124 GA 360		98/05			65418		⊕
P / R 124 GA 400X		05/05			65418		⊕
P / R 124 GA 420X		05/05			65418		⊕
P / R 124 GB 400		05/05			65418		⊕







Veículo	Modelo	Ano	Convencional		Monro - Magnum 65		Fixação	
								
SCANIA 								
Amortecedor de Suspensão Caminhão / Ônibus								
P / R 124CA 360		05/05			65418			
P 114 CA / (P / R / T) 114GA 320		98/99			65418			
P 114 CB 340		06/07			65418			
P 114 GA 330		04/04			65418			
P 114 GA 340		98/05			65418			
P 114 GB 330		05/07			65418			
P 114 LA 340		06/06			65418			
P 114CB / GA 360		98/00			65418			
R 420	4x2 3. Eixo	07/12			65418			
R 420A	4x2	10/12			65418			
R 440A	4x2	09/12			65418			
R 440A	4x2 3. Eixo	07/12			65418			
T 142	EW / HW INTERCOOLER	89/91			65418			
Amortecedor de Suspensão Ônibus								
3º eixo						65442		
B110 / 111					65410			
B111 / BR 115/ 116 - L111	Suspensão a ar				65410	65409		 
BR115 / 116 suspensão c/ mola					65410			
K112 / 113 / L113	Suspensão a ar				65441	65409		 
K112 / K113 / L113 / K124 / K94 / L94 - Susp. a ar						65409		
K114 / K124 / K94 / L94 - 4x2 / 6x2	Todos				65465	65409		 
K124	3º EIXO	98/09				650508MG		
K124/ K94/ L94 - Susp. a ar					65465			
K230		05/12			650498MG			
K270		05/...			650498MG			
K310		05/...			650498MG			
K340		05/12			650498MG			
K380		05/...			650498MG			
K420		05/...			650498MG			
K94	3º EIXO	98/09				650508MG		
KS112 / 113 / S112 / S113	Suspensão c/ mola				65419	65423		 
L94	3º EIXO	98/09				650508MG		
Bolsa de Ar Para Amortecedor								
Bolsa de Ar para Cab "P" - Série 4		Todos	16024					
Bolsa de Ar para Cab "R" - Série 4		05/...	16024					
Bolsa de Ar para Cab "T" Traseiro - Série 4		Todos	16024					
VOLKSWAGEN 								
Amortecedor								
Beta 17230					65459 65459	65503 65503		 

Veículo	Modelo	Ano	Convencional		Monro - Magnum 65		Fixação		
									
VOLKSWAGEN									
Amortecedor de Cabine									
Caminhão VW	Todos Cabine	Todos	38072	38072					
Amortecedor de Suspensão Caminhão									
6.90 / 6.80 / 7.90S / 7.110S		87/03-94	54442	54441					
9-150 NFB				54388					
11130 / 11140 / 11160 / 13130 / 14210		.../10-89	54431			65428			
12140A / 12170BT / 12180 / 12210 / 13150 / 13170 / 13180 / 13190 / 13210 / 14140 / 14150 / 14170BT / 14180 / 14200 / 14220 / 15170 / 15180 / 15190 / 17210 / 17220 / 17300 / 17310 / 18310 (Exc. Caminhão de Lixo)						65447	65449		
14210		11-89/...	54431				65452		
15210 / 16210 / 16210H		.../90				65451			
15210 / 16210 / 16210H		88/90					65452		
16200		89/90					65452		
16200 / 16300 / 35700 / 40300						65447			
16220 / 16170 BT						65447	65448		
16300		91/00					65452		
17180EIII / 25360						65447			
17220						65483			
19320	(Suspensão Suspensys)						650514MG		
23210 / 23220 / 23250 / 23310 / 24220 / 24250 / 26220 / 26260 / 26300 / 26310 / 31260 / 31310 / 31320						65483			
35300H / 35300						65447			
35700		07/...					65452		
40300		99/00					65452		
7100 / 7120 / 8100 / 8120 / 8140 / 8150 / 9150		01/...	54487	54488					
Caminhão de Lixo		80/06				650507MG			
Constellation	13-190	12/...					65449		
Constellation	13.180 E III / 15.180 / 13.190 / 17.190	12/...				65447			
Constellation	15-190	12/...					65449		
Constellation	17-190	12/...					65449		
Constellation	17-260	12/...					65449		
Constellation	17-320	10/12					65449		
Constellation	17-330	12/...					65449		
Constellation	17.260	12/...				65447			
Constellation	17.320	10/12				65447			
Constellation	17.330	12/...				65447			
Constellation	19-330	12/...					65449		
Constellation	19-390	12/...					65449		
Constellation	19.330 Tractor	12/...				65447			
Constellation	19.390 Tractor	12/...				65447			
Constellation	31-320	07/12					65449		
Constellation	31-370	07/12					65449		

Veículo	Modelo	Ano	Convencional		Monro - Magnum 65		Fixação	
								
VOLKSWAGEN								
								
Amortecedor de Suspensão Caminhão								
Constellation	31.320	07/12			65447			⊗
Constellation	31.370	07/12			65447			⊗
Constellation 13180E/ 15180E	Todos	06/...			65447	65449		⊗ ⊗
Constellation 17.190	& Worker				65447	65452		⊗ ⊗
Constellation 17.230	& Worker				65447	65452		⊗ ⊗
Constellation 17.280						65452		⊗
Constellation 17.330						65452		⊗
Constellation 17250E / 24250E - Dist. Entre eixo 4340/4800/5207MM		05/...			65447	65452		⊗ ⊗
Constellation 17250E/ 24250E - Dist. Entre eixo 3560MM					65447	65448		⊗ ⊗
Constellation 19.330	Titan 4x2					650514MG		⊗
Constellation 19.360	4X2					650514MG		⊗
Constellation 19.370	(Suspensão Traseira Mecânica)	07/...				650514MG		⊗
Constellation 19.390	4X2					650514MG		⊗
Constellation 19.420	4X2					650514MG		⊗
Constellation 19320E/ 25370E	Suspensão traseira mecânica				65447			⊗
Constellation 23.230	& Worker				65447	65452		⊗ ⊗
Constellation 24.280						65452		⊗
Constellation 24.330					65447	65452		⊗ ⊗
Constellation 25.320	(Suspensão Traseira Mecânica)	07/...				650514MG		⊗
Delivery	10-160	13/...	54487					⊕
Delivery	11.180 3.8L	17/...			640554MG	640553MG		⊗ ⊗
Delivery	13-160	13/...	54487					⊕
Delivery	6.160 2.8L	17/...				640555MG		⊗
Delivery	8-160	12/...	54487					⊕
Delivery	9-160	12/...	54487					⊕
Delivery	9-170 (Parabólica / Trapezoidal)	17/..			640556MG	640557MG		⊗ ⊗
Delivery	Express 2.8L	17/...				640558MG		⊗
Delivery 5140 / 8150 Chassi 2850MM e Chassi 4300MM		05/...	54487 54487	54488 54488				⊕ ⊗
Amortecedor de suspensão Caminhão								
Delivery 5140 / 8150 Chassi 2850MM e Chassi 4300MM		05/...	54487 54487	54488 54488				⊕ ⊗
Amortecedor de Suspensão Caminhão								
Worker	13.190	11/...			65447			⊗
Amortecedor de Suspensão Caminhão / Micro Ônibus								
7 Toneladas / 8 Toneladas	Caminhão	82/94				640535MG		⊗
Dedalus Delivery 5.140	Micro Ônibus	05/...			640559MG 640559MG	640535MG 640535MG		⊗ ⊗
Dedalus Delivery 8.150	Micro Ônibus	01/...			640559MG 640559MG	640535MG 640535MG		⊗ ⊗
Delivery 8.160	Caminhão					640535MG		⊗
Delivery 9.160	Caminhão					640535MG		⊗

Veículo	Modelo	Ano	Convencional		Monro - Magnum 65		Fixação	
								
VOLKSWAGEN								
								
Amortecedor de Suspensão Micro Ônibus								
7.90 / 7110			54442	54441				 
8.140		94/01	54487					
8.150		01/...	54487					
9.150		01/..	54487					
Dedalus Delivery 5.140	Micro Ônibus	05/...			640559MG 640559MG	640535MG 640535MG		 
Dedalus Delivery 8.150	Micro Ônibus	01/...			640559MG 640559MG	640535MG 640535MG		 
Amortecedor de Suspensão Ônibus								
Beta 16180	Urbano / Rodoviário				65459	65459		 
Beta 16210 / 17210					65459	65459		 
Beta 17230					65459 65459	65503 65503		 
Ônibus 15180 / 15190	Urbano / Rodoviário				65459	65459		 
Ônibus 17230 / 17230EOD					65459	65459		 
Ônibus 17260E OT	Queops/Proteus	06-06/...				65491		
Ônibus 18310 - OT						65491		
Ônibus 18320E OT	Queops/Proteus	06-06/...				65491		
Ônibus Proteus 17240/17260	Motor traseiro				65490	65491		 
VOLVO								
								
Amortecedor de Cabine								
FH	16 540	05-12/...				CB0208		
FH	380	09-12/...				CB0208		
FH	400	09-12/...				CB0208		
FH	420	01-12/...				CB0213		
FH	420	09-12/...				CB0208		
FH	440	09-12/...				CB0208		
FH	460	01-12/...				CB0213		
FH	460	09-12/...				CB0208		
FH	500	01-12/...				CB0213		
FH	540	01-12/...				CB0213		
FH	550	05-12/...				CB0208		
FH	600	05-12/...				CB0208		
FH	610	05-12/...				CB0208		
FH	650	05-12/...				CB0208		
FH	700	05-12/...				CB0208		
FH	750	05-12/...				CB0208		
FH	Lateral Damper - Nacional	98/...				CB0007		
FH 12/380	Chassi Nº: 2806854, A257343, B162550, C754615, D100895 (Pino 12,4mm)	93/...				CB0003	CB0002	 
FH 12/380	Chassi Nº: A291152 até A544695 e Chassi Nº: B216585 até B311773 (Pino 18mm)	93/...				CB0003	CB0006	 

Veículo	Modelo	Ano	Convencional	Monro - Magnum 65	Fixação			
					D	T		
VOLVO							VOLVO	
Amortecedor de Cabine								
FH 12/420	Chassi Nº: 2806854, A257343, B162550, C754615, D100895 (Pino 12,4mm)	93/...			CB0003	CB0002	♀	♀
FH 12/420	Chassi Nº: A291152 até A544695 e Chassi Nº: B216585 até B311773 (Pino 18mm)	93/...			CB0003	CB0006	♀	♀
FH 12/460	Chassi Nº: 2806854, A257343, B162550, C754615, D100895 (Pino 12,4mm)	98/...			CB0003	CB0002	♀	♀
FH 12/460	Chassi Nº: A291152 até A544695 e Chassi Nº: B216585 até B311773 (Pino 18mm)	98/...			CB0003	CB0006	♀	♀
FH 400		04/14			CB0212		♂	
FH 400	Caminhão	05/...				CB0006		♀
FH 420	Caminhão	09/...				CB0006		♀
FH 440		04/14			CB0212		♂	
FH 440	Caminhão	05/...				CB0006		♀
FH 460		04/14			CB0212		♂	
FH 480		04/14			CB0212		♂	
FH 480	Caminhão	05/...				CB0006		♀
FH 500		04/14			CB0212		♂	
FH 500	Caminhão	07/...				CB0006		♀
FH 520		04/14			CB0212		♂	
FH 520	Caminhão	05/...				CB0006		♀
FH 540		04/14			CB0212		♂	
FH 540	Caminhão	09/...				CB0006		♀
FH 12		98/06-08			CB0040	CB0004	♀	♀
FH 400		06/12			CB0040	CB0004	♀	♀
FH 400	Lateral Damper - Nacional	06/12				CB0007		♀
FH 420		12/...			CB0040	CB0004	♀	♀
FH 420	Lateral Damper - Nacional	12/...				CB0007		♀
FH 440		06/12			CB0040	CB0004	♀	♀
FH 440	Lateral Damper - Nacional	06/12				CB0007		♀
FH 460		12/...			CB0040	CB0004	♀	♀
FH 460	Lateral Damper - Nacional	12/...				CB0007		♀
FH 480		06/12			CB0040	CB0004	♀	♀
FH 480	Lateral Damper - Nacional	06/12				CB0007		♀
FH 500		08/...			CB0040	CB0004	♀	♀
FH 500	Lateral Damper - Nacional	08/...				CB0007		♀
FH 540		08/...			CB0040	CB0004	♀	♀
FH 540	Lateral Damper - Nacional	08/...				CB0007		♀
FH II 420		15/...			CB0207		♂	
FH II 460		15/...			CB0207		♂	
FH II 500		15/...			CB0207		♂	
FH II 540		15/...			CB0207		♂	
FM 10/320		04-99/01				CB0005		♀

Veículo	Modelo	Ano	Convencional		Monro - Magnum 65		Fixação	
								
VOLVO								
Amortecedor de Cabine								
FM 12/340		08-98/09-05				CB0005		⊗
FM 12/380		08-98/09-05				CB0005		⊗
FM 12/420		08-98/09-05				CB0005		⊗
FM 12/460		08-98/09-05				CB0005		⊗
FM 12340		04/14				CB0212		⊕
FM 12380		04/14				CB0212		⊕
FM 12420		04/14				CB0212		⊕
FM 380		04/14				CB0212		⊕
FM 400		04/14				CB0212		⊕
FM 440		04/14				CB0212		⊕
FM 480		04/14				CB0212		⊕
FM 500		04/14				CB0212		⊕
FM 7/250		08-98/01				CB0005		⊗
FM 7/290		08-98/01				CB0005		⊗
N 10			37913					⊗
Amortecedor de Suspensão Caminhão								
FH 12	Nacionais	94/08	54496			65486		⊗ ⊕
FH 12	Nacionais - Suspensão reforçada	94/08				65451 65486		⊗
FM 10	4x2 / 6x4 Suspensão Mola	00/02				65451 65486		⊗ ⊕
FM 12	Nacionais	00/20	54496			65486		⊗ ⊕
FM 12	Nacionais - Suspensão reforçada	00/20				65451 65486		⊗ ⊕
N 10/12		.../83				65416		⊗
N 10/12		84/...				65462 65455		⊗ ⊕
NH 12	Nacionais	99/06	54496			65486		⊗ ⊕
NH 12	Nacionais - Suspensão reforçada	99/06				65451 65486		⊗ ⊕
NL 10/12						65455		⊕
NL 10/12		84/...				65462		⊗
NL 10/12 c/ mola Parabólica / NL 12/ NL10	Mola parabólica	93/...				65485 65455		⊗ ⊕
VM 210 / 220/ 260/ 270/ 310/ 330			54510					⊕
Amortecedor de Suspensão Ônibus								
B 10 M						65466		⊗
B 10 R						65466		⊗
B 12 B/R						65466		⊗
B 12 M						65466		⊗
3º eixo						65413		⊗
B 58	Articulado (trailer final) bi-articulado (trailer intermediário)					650414MG		⊗
B 58	Suspensão a ar					65415 650414MG		⊗ ⊗
B 58	Suspensão com Mola					65413 65413		⊗ ⊗

Veículo	Modelo	Ano	Convencional	Monro - Magnum 65	Fixação
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VOLVO

VOLVO

Amortecedor de Suspensão Ônibus

B270F		11/...	54515	54516			♀	♀
B340M	EURO V	11/...			65495	65496	♀	♀
B9S	TODOS		65497				♂	

Modelo	Ano	Código	Fixação	*Modificação das fixações		Código	Fixação	*Modificação das fixações		Dimensional dianteiro (mm)		Dimensional traseiro (mm)		
				Superior	Inferior			Superior	Inferior	Aberto	Fechado	Aberto	Fechado	
DODGE														
Dakota														
Nacional	99/02	RS999214	⊕		1	RS999010	⊗	2	2	368,3	262,6	661,0	410,0	
RAM														
1500 / 2500 / 3500 - 4 x 2	94/98	RS999195	⊕		2					351,0	252,0			
FORD														
Explorer														
4 x 2 / 4 x 4	95/01	RS999229	⊕			RS999185	⊗		2	457,0	352,0	661,0	410,0	
Sport 4x2 / 4x4	01/03	RS999229	⊕			RS999185	⊗		2	457,0	352,0	661,0	410,0	
Sport Trac 4x2 / 4x4	01/05	RS999229	⊕			RS999185	⊗		2	457,0	352,0	661,0	410,0	
F-250														
4 x 2	98/12					RS999126	⊗		2			661,0	410,0	
F-1000														
4 x 2	92/98	RS999214	⊕		2	RS999186	⊕		2	368,3	262,6	518,0	333,0	
4 x 4	93/98	RS999214	⊕							368,3	262,6			
Ranger														
4 x 2 / 4 x 4 Argentina	98/12	RS999229	⊕	2	2					457,0	352,0			
4 x 2 Argentina	94/97	RS999214	⊕		3	RS999194	⊗	7	2	368,3	262,6	586,0	373,0	
4 x 2 importada	90/97	RS999214	⊕		3	RS999194	⊗		6	368,3	262,6	586,0	373,0	
4 x 4 importada	90/97	RS999214	⊕		3	RS999010	⊗	4	4	368,3	262,6	661,0	410,0	
4 x 4 importada	98/12	RS999229	⊕	2	2					457,0	352,0			
GENERAL MOTORS														
Blazer														
4x2	95/12					RS999124	⊗		2			603,0	383,0	
4x4	95/12	RS999123	⊗	2	5	RS999124	⊗		2	441,0	297,0	603,0	383,0	
D-20														
4 x 2	62/92	RS999120	⊗	2	2					341,0	247,0			
4 x 4	85/92	RS999120	⊗	2	2					341,0	247,0			
S10														
4x4 (2.2 / 2.5 / 2.8 / 4.3)	95/11	RS999123	⊗	2	5					441,0	297,0			
Silverado														
Todos	97/...	RS999120	⊗	2	2					341,0	247,0			
JEEP														
4WD TJ Wrangler														
4 cilindros Soft Top - Suspensão Elevada	97/06	RS999239	⊕							586,0	372,0			
6 e 4 cilindros Hard Top - Suspensão Elevada	97/06	RS999239	⊕							586,0	372,0			
Exceto Suspensão Elevada	97/06	RS999128	⊕			RS999240	⊗			520,0	340,0	468,0	323,0	

Modelo	Ano	Código	Fixação	*Modificação das fixações		Código	Fixação	*Modificação das fixações		Dimensional dianteiro (mm)		Dimensional traseiro (mm)		
				Superior	Interior			Superior	Interior	Aberto	Fechado	Aberto	Fechado	
JEEP														
Cherokee														
Todos	84/98	RS999128	⊕			RS999129	⊗			520,0	340,0	504,0	332,0	
Grand Cherokee														
4 x 2 / 4 x 4	92/98	RS999128	⊕			RS999194	⊗	2		520,0	340,0	586,0	373,0	
MITSUBISHI														
L200														
4x4 - L/ GL/ GLS/ Savana com 4 am's	98/...					RS999350	⊗					604,0	382,0	
Pajero														
Com feixe de molas	91/...	RS999223	⊕		1	RS999118	⊗			331,0	244,0	564,0	365,0	
NISSAN														
Pathfinder														
Todos	91/96	RS999214	⊕			RS999118	⊗			368,3	262,6	564,0	365,0	
SUZUKI														
Samurai														
Todos	91/96					RS999123	⊗	4	4			441,0	297,0	
Vitara														
Todos	91/99					RS999213	⊕	2				459,5	310,4	
TOYOTA														
Hilux														
4 x 2 Argentina	96/04					RS999008	⊗					546,0	353,0	
4 x 4 Argentina	96/04					RS999180	⊗					536,0	353,0	
4 x 4 importada	93/96					RS999144	⊗					555,7	361,4	
Pick-up	05/14	RS999782	♀			RS999144	⊗			556,5	430,9	555,7	361,4	
SW	05/14	RS999782	♀			RS999187	⊕			556,5	430,9	521,0	343,2	
SW 4 x 4	98/04	RS55762	⊕			RS999187	⊕			462,0	346,0	521,0	343,2	
Runner														
4 x 4	90/95					RS999187	⊕					521,0	343,2	
TROLLER														
Jeep Troller														
T4	01/09-14	RS999350	⊗			RS999350	⊗			604,0	382,0	604,0	382,0	

*** Modificações das Fixações (Conforme instruções gerais de montagem dentro da embalagem Rancho)**

1 - Substituir tubo de aço pelo enviado no acessório

5 - Acrescentar trava de acessório

2 - Acrescentar tubo de aço do acessório

6 - Acrescentar tubo de aço de 37,0 mm do acessório

3 - Retirar tubo de aço

7 - Acrescentar tubo de aço de 36,0 mm do acessório

4 - Não utilizar acessório enviado

8 - Substituir tubo de aço pela trava do acessório

Ordem Numérica dos Amortecedores



Código	Montadora	Dimensional (mm)		Página	Código	Montadora	Dimensional (mm)		Página
		Aberto	Fechado				Aberto	Fechado	
5543	GM	512,8	326,3	22	38204	FORD	684,0	456,0	20
5612	CHRYSLER	641,1	556,3	13	38209	VW	720,0	511,0	39
5637	NISSAN	701,3	307,1	32	38214	VW	604,0	393,0	40
5639	NISSAN	498,5	330,7	32	38253	RENAULT	464,0	401,0	35
5646	HYUNDAI / KIA	567,2	369,8	26-27 / 28	38260	SCANIA	341,5	241,5	55-56
5778	GM	454,2	293,1	23	38263	SCANIA	312,5	212,5	56-57
5797	CHRYSLER	635,0	535,0	13	38264	SCANIA	312,5	212,5	56
5989	CHRYSLER	461,4	295,9	13	38266	SCANIA	312,5	212,5	55-56
11170	MITSUBISHI	476,0	320,0	31	38268	SCANIA	328,0	230,0	58
11171	MITSUBISHI	476,0	320,0	31	38269	SCANIA	312,5	212,5	56
16024	SCANIA			60	38272	SCANIA	338,5	241,5	55-56
16430	FORD	424,5	312,5	21	38283	SCANIA	328,0	230,0	56
16431	FORD	542,5	370,0	21	42041	CITROËN / PEUGEOT	314,9	240,0	14-15 / 33
16470	FIAT	557,0	387,0	16	43081	MB	498,0	391,4	29
16471	HONDA	485,0	320,0	25	43096	MB	504,1	481,3	30
16472	HONDA	485,0	320,0	25	43097	MB	502,9	471,3	30
16497	AUDI / VW	553,0	391,0	9-11 / 38-40-41	43112	MB	346,1	303,5	29
16498	VW	553,0	391,0	39-40	43133	SMART	410,5	296,0	36
23454	BMW	546,2	357,4	11	43804	GM	510,0	355,0	22
23784	MITSUBISHI	540,0	352,0	31	43806	CITROËN / PEUGEOT	550,0	376,0	13-14 / 33
23858	HONDA	389,0	255,5	25	43901	SEAT / VW	469,0	317,0	35 / 37-39-40-41
23859	HONDA	487,0	336,0	25	44441	RENAULT	538,0	375,0	34
23956	AUDI	597,7	397,5	9	44442	FORD	506,0	347,0	20
23967	RENAULT	480,6	313,8	35	44455	RENAULT	474,0	309,0	35
26654	AUDI / VW	559,5	457,8	9-10-11 / 40	45008	AUDI / VW	606,5	387,2	10 / 40
26662	CITROËN	400,0	290,0	14	54342	MB	675,0	414,0	52
26663	AUDI / VW	559,6	457,8	11 / 40	54363	MB	715,0	426,0	53
26665	AUDI	622,8	485,0	9	54386	MB	773,0	473,0	50-52-53
37081	JEEP	541,0	331,0	27	54388	FORD / PUMA / VW	606,0	369,0	45-46 / 55 / 61
37082	JEEP	559,0	345,0	27	54425	MB	814,0	484,0	51-52-53
37083	JEEP	551,0	337,0	27	54426	MB	749,5	459,5	52
37161	JEEP	514,4	333,2	27	54427	MB	792,0	465,0	54
37162	JEEP	554,0	350,5	27	54431	VW	686,0	405,0	61
37204	NISSAN	612,9	384,0	32	54438	SCANIA	684,0	412,0	59
37281	KIA	474,9	312,4	28	54441	VW	693,0	412,5	61-63
37302	FORD	663,4	394,5	19	54442	VW	669,0	396,0	61-63
37310	MITSUBISHI	426,5	312,1	31	54443	MB	652,0	410,0	53-54-55
37323	KIA	495,8	311,2	28	54444	MB	648,0	400,0	54
37327	FORD	672,5	399,3	19	54449	MB	836,0	493,0	50
37358	JEEP	658,6	482,6	27	54454	AGRALE	609,0	381,0	43
37747	MB	369,0	240,0	50	54455	AGRALE	717,0	435,0	43
37771	MB	626,5	373,5	52	54458	SCANIA	665,0	396,0	59
37780	MB	722,0	429,0	52	54459	SCANIA	700,0	414,0	59
37876	MB	350,0	250,0	50	54463	MB	813,0	493,0	50-52-53
37886	VW	670,0	458,0	40	54475	MB	610,0	370,0	53
37913	VOLVO	227,0	170,0	65	54477	GM	375,0	253,0	46
37914	SCANIA	231,0	179,0	57	54478	GM	587,0	358,0	46
38022	MB	626,5	373,5	52	54487	VW	656,0	398,0	61-62-63
38039	RENAULT	385,0	355,0	34	54488	FORD / VW	608,0	375,0	45 / 61-62
38042	MB / PUMA	632,0	384,0	52-53 / 55	54489	FORD	702,0	460,0	46
38043	MB	626,5	373,5	52-53	54490	FORD	697,3	455,0	46
38045	CITROËN / PEUGEOT	296,0	215,0	13-14 / 33	54495	MB	617,0	384,0	54
38055	SEAT / VW	420,0	267,0	35 / 37-41	54496	VOLVO	713,0	451,0	65
38060	SEAT / VW	553,0	368,0	35 / 40	54497	FORD	741,0	461,0	45
38072	AGRALE / FORD / VW	215,5	163,0	43 / 45 / 61	54499	MB	715,0	422,0	52
38111	KIA	550,0	330,0	28	54500	MB	586,0	355,0	53-54
38203	RENAULT	681,0	429,0	35					

Ordem Numérica dos Amortecedores

Código	Montadora	Dimensional (mm)		Página	Código	Montadora	Dimensional (mm)		Página
		Aberto	Fechado				Aberto	Fechado	
54501	IVECO	776,0	451,0	49	65465	SCANIA	640,0	418,0	60
54502	MB	731,0	438,0	51	65466	VOLVO	645,0	412,0	65
54503	MB	632,0	387,0	50-51-53	65475	MB	610,0	370,0	53
54504	IVECO	544,0	345,0	49	65478	FACCHINI	587,5	377,50	44
54505	MB	853,0	503,0	51-52	65479	FACCHINI	740,0	455,0	44
54506	MB	853,0	503,0	52	65480	MB	683,0	426,0	54
54507	IVECO	583,0	362,0	49	65482	MB	665,0	423,0	51
54509	MB	485,0	305,0	54	65483	FORD / VW	832,0	507,0	45 / 61
54510	VOLVO	704,0	448,0	65	65484	MB	616,0	386,0	50-51
54511	AGRALE	725,0	445,0	43	65485	VOLVO	626,0	417,0	65
54512	AGRALE	613,0	376,0	43	65486	VOLVO	715,0	422,0	65
54513	AGRALE	717,0	435,0	43-44	65487	MB	521,5	311,2	53
54514	AGRALE	695,0	432,0	43	65489	FACCHINI	574,0	375,0	44
54515	VOLVO	613,2	388,0	66	65490	VW	670,0	461,0	63
54516	VOLVO	614,7	387,8	66	65491	VW	607,0	404,0	63
54517	FORD	410,1	287,1	45	65492	IVECO	769,0	454,0	48
54518	FORD	577,3	350,0	45-46	65493	IVECO	709,0	416,0	48
54519	FORD	626,0	382,0	46	65494	MB	530,0	331,0	54
54520	IVECO	431,0	282,0	48	65495	VOLVO	713,0	443,0	66
54521	IVECO	577,0	355,0	48	65496	VOLVO	657,0	412,0	66
54522	IVECO	447,0	292,0	48	65497	VOLVO	525,0	336,0	66
54523	IVECO	457,0	295,0	48	65501	MB	730,0	480,0	51
59626	MB	451,0	301,0	30	65502	MB	730,0	480,0	51
59649	TOYOTA	433,0	271,0	37	65503	VW	628,0	408,0	60-63
60526	FORD	741,0	436,0	46	71372	HONDA	628,0	435,0	25
65402	MB	904,0	539,5	52	71377	JEEP	514,3	357,4	27
65403	MB	664,5	419,5	53	71380	HONDA	399,0	278,7	25
65405	MB	854,5	514,5	52-54	71583	HONDA	402,5	287,3	25
65409	SCANIA	600,0	362,0	60	72123	HONDA	420,5	307,3	25
65410	SCANIA	575,5	362,0	60	72143	HONDA	536,0	365,9	25
65413	VOLVO	707,0	440,0	65	72144	HONDA	536,0	365,9	25
65415	GUERRA / VOLVO	564,0	378,0	46 / 65	72199	GM	458,3	296,0	23
65416	VOLVO	716,0	454,0	65	72200	GM	458,3	296,0	23
65418	SCANIA	683,0	415,0	59-60	72248	CHRYSLER	634,5	503,7	13
65419	SCANIA	678,5	413,5	59-60	72254	CHRYSLER	439,5	322,1	13
65423	SCANIA	615,5	378,5	59-60	72261	FORD	457,5	346,6	20
65428	VW	763,5	460,5	61	72286	HONDA	444,3	269,3	25
65440	MB	754,0	436,0	53	72287	HONDA	444,3	269,3	25
65441	SCANIA	600,0	362,0	60	72307	TOYOTA	546,1	370,0	36
65442	SCANIA	781,0	463,0	60	72308	TOYOTA	546,1	370,0	36
65443	MB	810,0	490,0	52	72309	TOYOTA	612,0	405,5	36
65444	MB	813,0	485,0	53-54	72310	TOYOTA	612,0	405,5	36
65447	FORD / VW	832,0	507,0	45 / 61-62	72491	HONDA	521,5	311,2	25
65448	FORD / VW	753,0	458,0	45 / 61-62	72492	HONDA	521,5	311,2	25
65449	FORD / VW	743,0	458,0	45 / 61-62	72497	HONDA	396,9	289,8	25
65451	VOLVO / VW	761,0	463,0	65 / 61	72509	DODGE / FIAT	477,8	316,4	15 / 16
65452	FORD / VW	753,0	458,0	45 / 61-62	72510	DODGE / FIAT	477,8	316,4	15 / 16
65454	FORD	849,0	515,0	45	72511	DODGE	543,9	356,8	15
65455	VOLVO	696,0	410,0	65	72526	GM	534,2	347,3	22
65456	MB	645,0	412,0	54-55	72527	GM	534,2	347,3	22
65457	MB	782,0	475,0	54-55	72562	HONDA	425,9	314,9	25
65458	MB	740,0	455,0	50-51-53-54	72563	HONDA	585,9	409,7	25
65459	FORD / VW	853,0	503,0	46 / 60-63	72638	FORD	526,2	356,0	20
65461	MB	854,0	516,0	52-53-54	72896	DODGE / FIAT	485,3	313,1	15 / 16
65462	VOLVO	645,0	412,0	65	72914	GM	503,5	331,0	22
65463	RANDON	513,0	355,0	55	72915	GM	503,5	331,0	22
65464	MB	697,0	437,0	50	72957	HONDA	427,5	311,9	25

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		Aberto	Fechado				Aberto	Fechado	
73045	HONDA	547,7	324,2	25	334032MM	VW	582,9	350,0	37
73046	HONDA	547,7	324,2	25	334035MM	GM	444,0	269,0	22-23-24
73055	GM	486,0	324,3	22	334037MM	VW	388,0	252,0	39
73056	GM	486,0	324,3	22	334041MM	GM	566,0	331,0	22-24
73057	HONDA	540,3	312,2	25	334048MM	VW	666,0	465,0	38-40
73058	HONDA	540,3	312,2	25	334050MM	FORD / VW	554,0	370,0	21 / 40-41
83736	TOYOTA	344,0	230,0	37	334054MM	GM	439,0	275,0	23
83738	TOYOTA	363,0	231,0	37	334056MM	VW	650,0	438,0	39
83743	FORD	455,0	332,0	19	334058MM	GM	386,5	240,0	22
83744	FORD	635,0	380,0	19	334059MM	GM	466,0	284,0	22
83749	RENAULT	410,0	341,0	34	334064MM	GM	600,0	383,0	24
83750	RENAULT	410,0	341,0	34	334065MM	DAEWOO / GM	501,5	356,0	15 / 23
83754	FORD	622,4	403,0	20	334067MM	GM	520,5	369,5	23
83757	KIA	334,0	226,0	28	334075MM	FIAT	515,5	383,5	16
83760	KIA	341,0	217,0	28	334077MM	GM	531,5	374,5	24
83761	KIA	341,0	217,0	28	334078MM	GM	531,5	374,5	24
83805	TOYOTA	578,0	431,0	37	334081MM	VW	544,0	371,5	38-39-40-42
83807	TOYOTA	555,0	356,0	37	334083MM	VW	554,0	371,5	39-41
83815	TOYOTA	552,0	431,0	37	334088MM	FIAT	525,5	383,5	16-17-18
83833	VW	582,9	350,0	37	334089MM	FIAT	580,0	378,0	16-17-18
84727	FORD	371,0	251,0	21	334091MM	VW	544,0	370,0	38-39-40
84728	FORD	574,0	348,0	21	334093MM	VW	544,0	370,0	41
84731	FORD	454,0	431,0	21	334096MM	FORD	634,0	431,0	19
84736	CITROËN / FIAT / PEUGEOT	489,0	317,0	14 / 16 / 34	334097MM	FORD	476,0	305,0	19
84737	RENAULT	480,0	405,0	35	334100MM	FORD	701,2	450,0	20
84745	RENAULT	415,0	300,0	35	334102MM	FORD / VW	692,0	470,0	21 / 40-41
84746	RENAULT	550,0	345,0	35	334103MM	FORD / VW	677,0	455,0	21 / 41
84751	VW	609,9	482,6	37	334105MM	FORD	451,7	289,6	19
84753	FORD	617,0	379,0	21	334136MM	KIA	367,0	259,0	28
84754	FORD	439,0	385,9	21	334148MM	VW	632,0	428,0	41
84756	GM	486,0	353,0	24	334173MM	KIA	334,0	226,0	28
94135	RENAULT	447,0	297,0	35	334182MM	CITROËN	385,0	263,1	14
94143	RENAULT	535,0	375,0	34	334183MM	CITROËN / PEUGEOT	385,0	263,1	14 / 34
95203	MB	527,0	342,5	30	334200MM	NISSAN	550,0	470,0	32
95301	CITROËN / FIAT / PEUGEOT	695,0	498,0	14 / 16 / 34	334213MM	FIAT	401,0	249,5	16
95602	CHRYSLER	456,0	301,0	13	334228MM	FORD	664,5	454,0	20
95603	FORD	474,9	307,6	20	334229MM	KIA	545,0	349,5	28
95604	FORD	474,9	307,6	20	334230MM	KIA	611,5	362,0	28
98036	IVECO	775,0	463,0	48	334242MM	KIA	545,0	334,0	28
334000MM	FIAT	525,5	383,5	16	334248MM	VW	665	463	38-39
334003MM	DAEWOO / GM	579,0	341,0	15 / 23	334255MM	TROLLER	604,0	375,0	37
334004MM	GM	367,0	250,0	21-22-23-24-25	334257MM	HYUNDAI / KIA	572,0	383,0	27 / 28
334005MM	FORD	579,5	371,5	19	334258MM	VW	650,0	446,0	41
334006MM	FORD	685,0	407,0	21	334259MM	VW	678,0	483,0	39-40
334007MM	FORD	385,0	252,0	20	334260MM	HYUNDAI / KIA	577,0	399,0	27 / 28
334010MM	GM	670,5	381,0	25	334278MM	NISSAN	290,0	203,0	32-33
334011MM	FIAT	532,5	380,0	18	334279MM	NISSAN	304,0	210,0	32
334012MM	FIAT	753,5	534,5	18	334280MM	NISSAN	572,5	351,5	32-33
334013MM	FORD	509,0	312,0	20	334281MM	NISSAN	546,5	331,0	32
334014MM	GM	566,0	330,0	23	334286MM	CITROËN / PEUGEOT	296,0	215,0	13-14 / 33
334015MM	GM	534,0	334,0	21-22-23-24-25	334287MM	SEAT / VW	420,0	267,0	35 / 37-41
334016MM	ALFA ROMEO / FIAT	321,0	225,0	9 / 15-16-17-18	334288MM	SEAT / VW	553,0	368,0	35 / 40
334017MM	FIAT	430,0	265,0	16	334289MM	RENAULT	681,0	429,0	35
334018MM	VW	390,5	252,0	40	334290MM	FORD	684,0	456,0	20
334019MM	VW	391,0	252,0	40	334291MM	VW	720,0	511,0	39
334022MM	TOYOTA	556,0	343,0	37	334292MM	VW	604,0	393,0	40
334023MM	FIAT	532,0	374,5	17-18	334294MM	RENAULT	464,0	401,0	35

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334295MM	FIAT	480,0	320,0	18	334507MM	FORD	597,0	359,0	20
334296MM	FIAT	530,0	314,0	18	334508MM	RENAULT	434,0	299,0	35
334298MM	TOYOTA	344,0	230,0	37	334514MM	FORD	580,5	358,2	20
334301MM	FORD	374,5	252,0	20	334515MM	FORD	699,0	419,0	20
334302MM	FORD	441,0	277	20	334529MM	HYUNDAI	385,0	265,0	27
334303MM	FORD	374,0	245,0	20	334530MM	HYUNDAI	398,0	276,0	26
334304MM	FORD	510,5	311,0	20	334533MM	GM	641,0	412,0	24
334305MM	RENAULT	410,0	341,0	34	334534MM	RENAULT	582,0	374,0	34
334306MM	FORD	501,0	312,5	20	334728MM	VW	391,0	252,0	37-38-41
334308MM	TOYOTA	555,0	356,0	37	334732MM	FORD	685,0	407,0	21
334309MM	TOYOTA	552,0	431,0	37	334736MM	GM	386,0	240,0	22-23
334311MM	FORD	574,0	348,0	21	334737MM	GM	605,0	354,0	22
334312MM	FORD	454,0	431,0	21	334763MM	VW	425,0	285,0	39
334313MM	RENAULT	480,0	405,0	35	334772MM	VW	390,5	252,0	38
334314MM	FIAT	532,0	416,0	16	334784MM	VW	560,0	370,0	40
334316MM	FORD	617,0	379,0	21	334785MM	MB	523,5	323,5	30
334317MM	FORD	439,0	385,9	21	334823MM	GM	475,0	289,0	22-24
334318MM	RENAULT	567,0	376,0	34-35	334826MM	VW	650,0	438,0	38-42
334319MM	HONDA	518,0	445,0	26	334829MM	VW	424,0	315,0	37-38-41
334320MM	CITROËN	474,0	312,0	14	334855MM	VW	390,5	252,0	39-40
334321MM	HONDA	603,0	393,0	25-26	334868MM	VW	456,0	291,0	40
334324MM	FIAT	543,0	391,0	18	334880MM	VW	682,0	470,0	40
334333MM	GM	544,5	322,0	24	334881MM	VW	667,0	455,0	41
334371MM	FORD	433,0	320,5	19	334908MM	GM	563,5	332,5	23
334382MM	FORD	450,0	282,0	21	334909MM	FORD	594,5	371,5	19
334387MM	FORD	423,5	320,5	19	334921MM	VW	670,0	458,0	40
334410MM	FORD	384,5	249,0	19-20-21	334922MM	VW	670,0	458,0	41
334411MM	FORD	440,0	276,5	19-20	334930MM	FORD / VW	688,0	471,0	19-21 / 40
334412MM	FORD	412,0	262,5	21	334953MM	GM	483,0	297,0	23
334415MM	GM	367,0	250,0	21-22-23-25	334954MM	GM	579,0	341,0	23
334416MM	GM	511,0	320,0	21-22-23-25	370001SP	HYUNDAI / KIA	480,0	329,0	27 / 28
334421MM	TOYOTA	508,0	318,0	36	370002SP	HYUNDAI / KIA	431,0	300,0	27 / 28
334435MM	TOYOTA	508,0	318,0	36	376000SP	AUDI	642,2	378,3	11
334437MM	VW	592,5	362,0	39	376014SP	BMW	665,3	438,9	12
334446MM	TOYOTA	546,0	342,0	36	376017SP	AUDI	600,9	403,7	9
334447MM	TOYOTA	569,0	359,0	36	376019SP	BMW	590,0	393,0	12
334449MM	FORD	707,3	474,5	20	376021SP	BMW	625,2	368,3	11
334451MM	VW	498,5	308,5	39-40	376024SP	AUDI	698,9	536,1	10
334453MM	FORD	499,0	314,0	21	376029SP	BMW	576,0	378,0	12
334464MM	FORD	423,5	320,5	19	376034SP	MB	571,0	480,4	30
334465MM	FORD	423,5	320,5	19	376039SP	MB	590,0	408,2	30
334466MM	GM	359,0	244,0	21-22-23	376042SP	AUDI	523,0	371,0	9-10
334467MM	GM	505,0	315,0	21-22-23	376045SP	MB	570,0	466,4	29
334468MM	FORD	423,5	320,5	21	376048SP	AUDI	666,0	439,0	11
334469MM	FORD	423,5	320,5	21	376049SP	AUDI	523,1	371,5	11
334480MM	GM	421,0	280,0	24	376056SP	BMW	608,2	364,1	11
334481MM	GM	420,0	281,0	24	376067SP	AUDI	638,2	429,0	11
334483MM	GM	608,0	368,0	22	376091SP	AUDI	597,4	457,8	9
334485MM	GM	638,0	383,0	24	376104SP	AUDI	597,4	457,8	10-11
334486MM	MITSUBISHI	443,0	300,0	31	376157SP	VOLVO	534,0	370,0	42
334487MM	SUZUKI	532,0	331,0	36	376195SP	AUDI / VW	615,0	409,9	9 / 39
334490MM	TOYOTA	414,00	292,00	37	376211SP	BMW	537,2	376,8	12
334492MM	GM	421,0	280,0	22	376213SP	AUDI	628,0	412,2	10
334494MM	FORD	376,0	253,0	20	376214SP	AUDI	666,5	439,0	10
334495MM	FORD	697,3	420,0	20	376219SP	BMW	696,5	554,5	12
334498MM	GM	425,0	284,0	22	376220SP	BMW	696,5	554,5	12
334506MM	FORD	375,9	252,7	20	376228SP	AUDI	571,3	349,4	11

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376235SP	AUDI	600,0	403,7	9	379083SP	CITROËN	529,9	358,7	14
376237SP	AUDI	597,4	457,8	9	379084SP	NISSAN	630,0	390,6	33
376253SP	CITROËN	445,0	283,0	14	379085SP	FORD	707,3	474,5	20
378059SP	SUZUKI	671,0	435,0	36	379086SP	TOYOTA	624,6	388,1	37
379001SP	PEUGEOT	509,3	324,7	33	379094SP	FIAT	668,0	432,5	16
379002SP	HONDA	680,0	437,0	26	379146SP	MITSUBISHI	618,0	363,0	31
379003SP	MB	515,0	318,0	30	379150SP	MITSUBISHI	359,0	231,0	31
379004SP	KIA	373,0	264,0	28	379151SP	MITSUBISHI	359,0	231,0	31
379005SP	MITSUBISHI	457,0	301,0	31	379152SP	MITSUBISHI	616,0	363,0	31
379006SP	MB	523,5	323,5	30	379153SP	MITSUBISHI	346,0	224,0	31
379007SP	RENAULT	493,0	320,0	34	379154SP	MITSUBISHI	633,0	373,0	31
379008SP	RENAULT	672,1	444,2	34	379216SP	FIAT	675,0	466,5	17-18
379009SP	CHERY	393,0	255,0	13	379244SP	FORD	449,0	297,0	20
379010SP	CHERY	387,0	258,0	13	379254SP	HYUNDAI	619,0	456,0	26-27
379011SP	FIAT	437,0	285,0	16	379262SP	MITSUBISHI	522,0	329,0	32
379013SP	VW	678,2	481,7	39	379297SP	HYUNDAI	537,0	327,0	26
379014SP	FIAT	596,0	401,0	17-18	379298SP	HYUNDAI	483,0	301,0	26
379015SP	GM	400,0	286,0	22	379299SP	MITSUBISHI	525,0	331,0	31
379016SP	HYUNDAI / KIA	435,0	291,0	27 / 28	379326SP	NISSAN	377,5	282,5	32
379017SP	TROLLER	605,0	375,0	37	379327SP	NISSAN	377,5	282,5	32
379018SP	JEEP	524,0	325,0	27	379328SP	NISSAN	543,0	357,0	32
379019SP	CITROËN / PEUGEOT	652,3	389,5	14 / 33	379329SP	NISSAN	537,0	344,0	32
379020SP	CITROËN / PEUGEOT	643,0	415,0	14 / 33	379381SP	VW	692,5	431,5	41
379021SP	NISSAN	654,0	417,0	32	379387SP	PEUGEOT	354,0	269,0	33
379022SP	FIAT	437,0	272,0	18	379523SP	FIAT	506,0	319,5	16
379024SP	FIAT	416,0	260,0	18	379525SP	FIAT	479,0	304,5	16
379048SP	GM	486,0	353,0	24	379527SP	FIAT	479,0	304,5	16
379049SP	GM	576,0	355,0	24	379931SP	FORD / VW	692,0	470,0	21 / 40-41
379050SP	TOYOTA	550,0	429,0	37	379932SP	FORD / VW	667,0	455,0	21 / 40-41
379051SP	TOYOTA	620,0	390,0	37	640524MG	AGRALE	717,0	435,0	43
379052SP	HYUNDAI	561,0	357,0	26	640525MG	MB	919,4	561,8	50
379053SP	LIFAN MOTORS	615,0	362,0	29	640526MG	AGRALE	511,0	320,0	43
379054SP	NISSAN	658,0	454,0	32	640527MG	AGRALE	481,0	301,0	43
379055SP	VW	632,3	425,1	39	640530MG	MB	772,0	460,0	51-52
379056SP	FORD	704,2	445,7	21	640531MG	MB	806,0	479,0	51
379057SP	FORD	697,7	427,7	20	640535MG	VW	609,5	373,0	62-63
379058SP	GM	678,0	427,0	23	640536MG	MB	731,0	449,5	54
379061SP	HYUNDAI	606,0	423,0	26	640539MG	IVECO	797,0	459,0	48
379062SP	HYUNDAI	355,0	227,0	26	640540MG	IVECO	539,5	341,0	48
379063SP	HYUNDAI	504,0	307,0	26	640542MG	MB	853,0	503,0	51
379064SP	HYUNDAI	581,0	372,0	26	640543MG	MB	806,0	503,0	51-52
379065SP	FIAT	611,0	398,0	16	640549MG	MB	878,0	558,0	50
379066SP	TOYOTA	550,0	429,0	37	640550MG	MB	878,0	558,0	50
379067SP	TOYOTA	563,5	364,5	37	640552MG	MB	230,0	171,0	55
379068SP	NISSAN	580,0	393,2	32	640553MG	VW	704,0	429,0	62
379069SP	GM	619,0	388,0	23	640554MG	VW	704,0	429,0	62
379070SP	FIAT	698,0	475,0	15	640555MG	VW	606,0	380,0	62
379071SP	HONDA	685,0	448,3	25	640556MG	VW	704,0	429,0	62
379072SP	VW	586,7	366,0	39	640557MG	VW	690,5	422,5	62
379073SP	FIAT	655,3	457,0	17	640558MG	VW	565,0	359,0	62
379074SP	GM	605,6	387,0	23-24	640559MG	VW	688,0	413,0	62-63
379075SP	GM	625,1	422,8	24	640560MG	MB	586,0	355,0	54
379076SP	HONDA	765,0	536,0	26	640561MG	MB	620,0	386,6	53
379077SP	HYUNDAI	421,0	313,0	26-27	640562MG	AGRALE	726,0	446,0	43
379078SP	FIAT	723,0	483,5	15-17	650414MG	VOLVO	564,0	378,0	65
379080SP	VW	675,0	420,0	40-42	650498MG	SCANIA	580,0	354,5	60
379081SP	VW	712,5	453,0	40-41	650500MG	AGRALE	669,0	419,0	44

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650504MG	MB	549,7	361,3	54	749026SP	RENAULT	628,00	420,00	35
650505MG	AGRALE	636,5	386,5	43-44	749027SP	MB	440,0	260,0	30
650507MG	VW	837,0	512,0	61	749028SP	JAC MOTORS	493,0	353,0	27
650508MG	SCANIA	580,0	354,0	60	749029SP	JAC MOTORS	493,0	353,0	27
650509MG	MB	562,0	354,0	54	749030SP	JAC MOTORS	591,0	371,0	27
650510MG	MB	516,0	329,0	55	749031SP	JAC MOTORS	591,0	371,0	27
650514MG	VW	701,0	443,0	61-62	749032SP	MB	455,0	275,0	30
650515MG	RANDON	597,0	387,0	55	749033SP	RENAULT	515,0	346,0	34
650516MG	RANDON	603,0	387,0	55	749034SP	KIA	513,0	339,0	28
650517MG	MB	598,0	381,0	55	749035SP	KIA	513,0	339,0	28
650518MG	FORD	634,0	403,0	45	749036SP	MITSUBISHI	564,0	399,0	31
650519MG	MB	690,0	425,0	54-55	749037SP	MITSUBISHI	564,0	399,0	31
650528MG	AGRALE	710,0	439,0	43	749038SP	FIAT	546,0	386,0	17
650529MG	MB	615,0	375,0	49	749039SP	FIAT	549,3	373,5	16
650532MG	SCANIA	949,5	555,0	55	749040SP	FIAT	549,3	373,5	16
650533MG	MB	904,5	543,3	51	749041SP	FIAT	541,0	363,0	15
650534MG	MB	904,5	543,3	51	749042SP	FIAT	541,0	363,0	15
650535MG	MB	763,0	472,0	51	749043SP	FORD	613,0	416,0	19
742002SP	MB	637,5	569,5	29	749044SP	FORD	613,0	416,0	19
742016SP	BMW	429,8	246,6	12	749045SP	PEUGEOT	503,0	335,0	34
742017SP	BMW	429,8	246,6	12	749046SP	PEUGEOT	503,0	335,0	34
742030SP	BMW	458,6	298,7	11	749047SP	HONDA	516,0	348,0	25
742031SP	BMW	458,6	298,7	11	749048SP	HONDA	516,0	348,0	25
742032SP	BMW	468,0	298,7	11	749049SP	VW	537,4	379,2	39
742033SP	BMW	468,0	298,7	11	749050SP	CITROËN / PEUGEOT	516,0	345,0	14 / 33
742044SP	AUDI	510,0	361,6	9	749051SP	CITROËN / PEUGEOT	516,0	345,0	14 / 33
742071SP	MB	543,4	381,5	30	749052SP	HYUNDAI	584,0	414,0	27
742116SP	AUDI / VW	548,6	382,2	9 / 39	749053SP	HYUNDAI	584,0	414,0	27
742132SP	BMW	458,4	277,9	12	749054SP	CITROËN / PEUGEOT	521,0	350,0	14 / 33
742240SP	VOLVO	468,0	306,0	42	749055SP	CITROËN / PEUGEOT	521,0	350,0	14 / 33
742241SP	VOLVO	468,0	306,0	42	749059SP	NISSAN	548,6	386,9	32
742253SP	AUDI	522,0	382,0	11	749060SP	NISSAN	548,6	386,9	32
746002SP	HYUNDAI / KIA	570,0	381,0	27 / 28	749074SP	FORD	462,0	288,0	21
746003SP	HYUNDAI / KIA	570,0	381,0	27 / 28	749075SP	FORD	462,0	288,0	21
749000SP	HONDA	517,0	350,0	25	749076SP	FORD	462,0	293,0	20
749001SP	HONDA	517,0	350,0	25	749077SP	FORD	462,0	293,0	20
749002SP	RENAULT	514,5	339,5	35	749078SP	TOYOTA	519,5	340,0	36
749003SP	RENAULT	558,3	401,0	34	749079SP	TOYOTA	519,5	340,0	36
749005SP	RENAULT	558,3	401,0	34	749080SP	FIAT	552,0	375,0	17
749006SP	RENAULT	562,0	412,0	35	749081SP	FIAT	552,0	375,0	17
749007SP	RENAULT	586,0	443,0	35	749082SP	FIAT	490,0	381,7	17
749009SP	JEEP	779,0	671,0	27	749083SP	FIAT	490,0	381,7	17
749010SP	SSANGYONG	339,0	230,0	36	749094SP	FIAT	529,5	356,0	15-16-17
749011SP	FIAT	545,0	369,0	18	749095SP	FIAT	529,5	356,0	15-16-17
749012SP	CITROËN / PEUGEOT	459,0	292,5	14 / 33-34	749104SP	FIAT	546,0	384,0	17-18
749013SP	CITROËN / PEUGEOT	459,0	292,5	14 / 33-34	749112SP	GM	550,0	379,0	23-24
749014SP	CITROËN / PEUGEOT	480,0	306,5	14 / 33	749113SP	GM	550,0	379,0	23-24
749015SP	CITROËN / PEUGEOT	480,0	306,5	14 / 33	749114SP	VW	547,0	383,0	40-42
749016SP	CITROËN	457,0	293,5	14	749115SP	VW	547,0	383,0	40-41
749017SP	CITROËN	457,0	293,5	14	749340SP	FORD	478,0	306,0	20
749018SP	CITROËN	467,0	297,5	14	749380SP	VW	537,0	379,0	41
749019SP	CITROËN	467,0	297,5	14	806013MM	CHERY	469,0	308,0	13
749020SP	HONDA	551,0	360,0	25-26	806014MM	CHERY	469,0	308,0	13
749021SP	HONDA	551,0	360,0	25-26	806127MM	HYUNDAI / KIA	605,0	403,0	27 / 28
749023SP	RENAULT	594,00	407,00	35	806128MM	HYUNDAI / KIA	605,0	403,0	27 / 28
749024SP	HONDA	550,0	398,0	26	808004MM	FIAT	505,0	304,0	18
749025SP	HONDA	550,0	398,0	26	808005MM	FIAT	505,0	304,0	18

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Código	Montadora	Dimensional (mm)		Página	Código	Montadora	Dimensional (mm)		Página
		Aberto	Fechado				Aberto	Fechado	
808008MM	FIAT	473,0	326,0	16	808429MM	RENAULT	520,8	332,5	34
808009MM	FIAT	531,0	379,0	16	808523MM	HONDA	426,0	272,0	25
808012MM	FORD	468,0	329,0	20	808524MM	HONDA	426,0	272,0	25
808030MM	FIAT	505,0	304,0	16	808525MM	HYUNDAI / KIA	544,0	365,0	27 / 28
808031MM	FIAT	473,0	326,0	16	808526MM	HYUNDAI / KIA	544,0	365,0	27 / 28
808034MM	GM	465,0	318,0	22-23-24	808527MM	KIA	554,0	387,0	28
808052MM	FIAT	469,5	300,5	18	808528MM	KIA	554,0	387,0	28
808053MM	GM	465,0	318,0	23	808529MM	MITSUBISHI	546,0	364,0	31
808056MM	MITSUBISHI	532,0	382,0	31	808530MM	MITSUBISHI	546,0	364,0	31
808057MM	MITSUBISHI	532,0	382,0	31	808531MM	SUZUKI	577,0	358,0	36
808058MM	FIAT	509,0	362,0	15-16-17	808532MM	SUZUKI	577,0	359,0	36
808059MM	FIAT	503,0	356,0	16-17	808533MM	HYUNDAI	527,0	389,0	26
808062MM	GM	514,0	360,0	24	808534MM	HYUNDAI	527,0	389,0	26
808063MM	GM	514,0	360,0	24	808535MM	LIFAN MOTORS	580,0	390,0	29
808098MM	FORD	491,5	327,7	20	808536MM	LIFAN MOTORS	580,0	390,0	29
808108MM	FORD	468,0	321,0	19	808541MM	TOYOTA	548,00	371,00	37
808160MM	GM / SUZUKI	462,0	298,0	24 / 36	808542MM	TOYOTA	548,00	371,00	37
808161MM	GM / SUZUKI	423,0	298,0	24 / 36	808566MM	RENAULT	600,0	372,0	35
808178MM	FIAT	546,0	384,0	17-18	808597MM	HYUNDAI	469,0	345,0	27
808218MM	NISSAN	506,0	331,4	32	808598MM	HYUNDAI	469,0	345,0	27
808219MM	NISSAN	506,0	331,4	32	808599MM	HYUNDAI	483,0	345,0	26
808232MM	FIAT	473,0	326,0	16-17-18	808600MM	HYUNDAI	483,0	345,0	26
808243MM	CHERY	518,00	387,00	13	808601MM	HYUNDAI	525,0	342,0	27
808244MM	CHERY	518,00	387,00	13	808602MM	HYUNDAI	525,0	342,0	27
808331MM	CITROËN	486,0	297,5	14-15	808603MM	HYUNDAI	527,0	345,0	26
808332MM	CITROËN	486,0	297,5	14-15	808604MM	HYUNDAI	527,0	345,0	26
808336MM	CITROËN / PEUGEOT	486,0	297,5	14 / 34	808605MM	GM	570,0	388,0	24
808337MM	CITROËN / PEUGEOT	486,0	297,5	14 / 34	808606MM	GM	570,0	388,0	24
808338MM	PEUGEOT	476,0	297,5	33	808607MM	FIAT	543,0	389,0	18
808339MM	PEUGEOT	476,0	297,5	33	808608MM	FIAT	527,0	369,0	17-18
808378MM	FORD / VW	491,0	334,0	19-21 / 40	808609MM	RENAULT	492,0	368,0	34
808395MM	FORD	474,9	307,6	20	808899MM	FORD	494,0	343,0	19-21
808396MM	FORD	474,9	307,6	20	808949MM	FORD / VW	495,0	300,0	19-21 / 37
808400MM	SEAT / VW	469,0	317,0	35 / 37-39-40-41	911222	DODGE	698,5	420,4	15
808404MM	RENAULT	474,0	309,0	35	911223	DODGE	597,2	371,3	15
808407MM	RENAULT	535,0	375,0	34	911258	GM	547,9	347,7	22
808408MM	FORD	532,0	365,0	20	911278	JEEP	617,7	385,5	27
808409MM	FORD	532,0	365,0	20	911304	DODGE / JEEP	533,1	409,5	15 / 27-28
808410MM	CITROËN / FIAT / PEUGEOT	695,0	498,0	14 / 16 / 34	CB0002	VOLVO	398,6	363,9	63-64
808411MM	CHRYSLER	456,0	301,0	13	CB0003	VOLVO	430,0	300,4	63-64
808412MM	FIAT	581,0	410,5	17	CB0004	VOLVO	411,0	360,0	64
808413MM	FIAT	581,0	401,5	18	CB0005	VOLVO	392,6	250,6	64-65
808414MM	FIAT	549,3	373,5	17-18	CB0006	VOLVO	408,2	363,3	63-64
808415MM	FIAT	549,3	373,5	17-18	CB0007	VOLVO	256,9	235,6	63-64
808416MM	RENAULT	534,5	374,5	34	CB0040	VOLVO	336,3	226,3	64
808417MM	RENAULT	462,0	332,5	34	CB0042	DAF	249,2	227,9	44
808418MM	FIAT	537,5	377,5	18	CB0073	IVECO	269,5	197,1	46
808419MM	FIAT	537,5	377,5	18	CB0095	IVECO	356,0	282,0	46
808420MM	RENAULT	521,0	333,0	34	CB0097	MB	371,6	302,1	49-50
808421MM	RENAULT	524,0	338,0	34-35	CB0099	IVECO	415,0	363,0	46
808422MM	FIAT	545,0	369,0	18	CB0115	MB	350,2	283,2	49
808423MM	FIAT	545,0	369,0	17	CB0116	MB	323,5	283,2	49-50
808424MM	FIAT	551,5	389,0	16	CB0122	MB	347,6	277,4	49
808425MM	CITROËN	456,0	312,0	14	CB0136	IVECO	330,4	294,9	47-48
808426MM	CITROËN	456,0	312,0	14	CB0137	IVECO	425,6	362,8	46-47-48
808427MM	FIAT	568,3	410,8	16	CB0148	MB	210,0	166,0	49-50
808428MM	RENAULT	560,0	393,0	35	CB0149	IVECO	443,1	381,6	46-47-48

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Código	Montadora	Dimensional (mm)		Página	Código	Montadora	Dimensional (mm)		Página
		Aberto	Fechado				Aberto	Fechado	
CB0150	MB	327,9	282,4	50	G16387	RENAULT	506,0	325,0	35
CB0163	MB	349,6	276,9	50	G16495	VW	553,0	391,6	39
CB0172	SCANIA	315,8	216,7	58	G2226	CITROËN	389,1	279,1	14
CB0173	SCANIA	316,1	217,1	58	G2232	BMW	559,5	407,0	12
CB0182	SCANIA	329,0	229,0	58	G2241	PEUGEOT	650,0	420,0	34
CB0184	SCANIA	380,1	278,7	58	G2514	AUDI	666,5	439,0	9-10
CB0194	SCANIA	344,0	245,0	56-57-58	G7104	SMART	313,0	186,0	36
CB0196	SCANIA	380,1	285,1	56-57-58	G7305	FIAT	544,0	390,0	15
CB0202	SCANIA	378,0	280,4	56-57	G7306	FIAT	544,0	390,0	15
CB0207	VOLVO	351,1	235,1	64	G7327	CITROËN	520,0	330,0	14
CB0208	VOLVO	184,7	162,0	63	G7328	CITROËN	520,0	330,0	14
CB0212	VOLVO	351,1	235,1	64-65	G7386	RENAULT	679,0	445,5	34
CB0213	VOLVO	377,0	332,9	63	G8063	FIAT	528,0	350,0	16-18
CB0235	DAF	331,1	277,2	44	G8064	FIAT	528,0	350,0	16-18
CB0236	MB	341,5	279,4	49-50	G8095	MINI	418,0	280,0	31
CB0237	DAF	279,0	236,6	44	G8096	MINI	418,0	280,0	31
CB0245	SCANIA	345,7	246,7	58	G8109	AUDI	510,0	361,6	9
D0036	BMW	400,0	244,0	13	G8127	PEUGEOT	515,0	330,0	33
D0038	BMW	450,0	295,0	12	G8128	PEUGEOT	515,0	330,0	33
D0301	AUDI	673,0	543,9	11	G8292	BMW	351,4	242,6	12
D0303	VW	668,0	543,0	41	G8293	BMW	351,4	242,6	12
D0305	BMW	546,8	408,8	13	G8383	CITROËN / PEUGEOT	516,0	335,0	14 / 34
D0306	BMW	542,0	390,2	13	G8384	CITROËN / PEUGEOT	516,0	335,0	14 / 34
D0309	BMW	500,0	347,7	13	G8427	BMW	387,6	258,4	12
D0312	VW	683,0	540,0	41	G8428	BMW	387,6	258,4	12
D0314	VW	568,0	380,0	41	G8429	MB	437,0	369,2	30
D0405	BMW	426,5	317,5	13	G8618	AUDI	522,0	351,5	11
D0418	LAND - ROVER	504,1	360,2	29	R2655	GM	478,5	296,1	22
D0420	LAND - ROVER	524,4	343,5	29	R6335	AUDI	544,0	362,2	10
D2653	MITSUBISHI	359,9	235,8	31	RS55762	TOYOTA	462,0	346,0	68
D4005	BMW	612,6	435,0	13	RS999008	TOYOTA	546,0	353,0	68
D5470	MITSUBISHI	342,3	232,4	32	RS999010	DODGE / FORD	661,0	410,0	67 / 67
D5471	MITSUBISHI	459,0	296,0	32	RS999118	MITSUBISHI / NISSAN	564,0	365,0	68 / 68
D6442	MITSUBISHI	524,0	339,0	32	RS999120	GM	341,0	247,0	67
D6628	LAND - ROVER	547,2	337,3	28	RS999123	GM / SUZUKI	441,0	297,0	67 / 68
D6629	LAND - ROVER	558,8	353,9	28	RS999124	GM	603,0	383,0	67
D6643	LAND - ROVER	549,5	349,7	28	RS999126	FORD	661,0	410,0	67
D7006	HONDA	580,0	385,0	25	RS999128	JEEP	520,0	340,0	67-68
D7624	SUZUKI	456,6	287,2	36	RS999129	JEEP	504,0	332,0	68
D8019	TOYOTA	574,9	353,7	37	RS999144	TOYOTA	555,7	361,4	68
D8020	CHERY / HYUNDAI	596,6	375,9	13 / 27	RS999180	TOYOTA	536,0	353,0	68
D8024	TOYOTA	553,2	427,7	37	RS999185	FORD	661,0	410,0	67
D8068	NISSAN	371,5	262,0	32	RS999186	FORD	518,0	333,0	67
D8069	NISSAN	383,6	289,5	32	RS999187	TOYOTA	521,0	343,2	68
D8072	VW	540,0	392,0	41	RS999194	FORD / JEEP	586,0	373,0	67 / 68
D8080	BMW	584,8	433,2	12-13	RS999195	DODGE	351,0	252,0	67
D8902	MITSUBISHI	606,0	367,0	31	RS999213	SUZUKI	459,5	310,4	68
G1055	AUDI	585,4	397,2	9	RS999214	DODGE / FORD / NISSAN	368,3	262,6	67 / 67 / 68
G1057	AUDI / VW	593,0	370,9	9 / 40	RS999223	MITSUBISHI	331,0	244,0	68
G1083	FIAT	371,8	251,3	15	RS999229	FORD	457,0	352,0	67
G1086	MINI	416,0	295,0	31	RS999239	JEEP	586,0	372,0	67
G1339	AUDI	616,2	420,0	9	RS999240	JEEP	468,0	323,0	67
G1364	VW	632,0	383,5	41	RS999350	MITSUBISHI / TROLLER	604,0	382,0	68 / 68
G1365	BMW	593,6	364,8	11	RS999782	TOYOTA	556,5	430,9	68
G16175	TOYOTA	480,0	333,4	36	SP001	GM	651,0	388,0	24
G16176	TOYOTA	480,0	333,4	36	SP002	FIAT	581,0	410,5	17
G16277	MB	515,0	342,0	29	SP003	TOYOTA	554,3	397,5	37

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AMORTECEDORES
MONROE

Código	Montadora	Dimensional (mm)		Página	Código	Montadora	Dimensional (mm)		Página
		Aberto	Fechado				Aberto	Fechado	
SP004	TOYOTA	597,7	380,4	37	SP154	AUDI / SEAT / VW	547,5	395,0	9 / 36 / 37-39-40
SP005	GM	651,0	388,0	22-24	SP166	AUDI / SEAT / VW	701,5	490,5	9 / 36 / 37-39-40
SP006	FIAT	581,0	401,5	18	SP182	FIAT	545,0	369,0	17
SP008	FIAT	549,3	373,5	17-18	SP184	FIAT	551,5	389,0	16
SP009	FIAT	549,3	373,5	17-18	SP190	PEUGEOT	364,0	260,6	33
SP018	GM	498,0	335,0	23	SP191	CITROËN	456,0	312,0	14
SP019	GM	498,0	335,0	23	SP192	CITROËN	456,0	312,0	14
SP020	GM	498,0	335,0	23	SP193	FIAT	546,0	384,0	17-18
SP021	GM	498,0	335,0	23	SP200	FIAT	568,3	410,8	16
SP025	HONDA	534,5	356,5	26	SP201	FORD	487,3	340,1	20
SP026	HONDA	534,5	356,5	26	SP202	FORD	487,3	340,1	20
SP028	GM	530,0	327,0	24	SP203	RENAULT	523,3	358,5	35
SP033	RENAULT	534,5	374,5	34	SP204	RENAULT	560,0	393,0	35
SP036	RENAULT	462,0	332,5	34	SP205	GM	465,0	285,0	22
SP037	FIAT	646,0	466,0	17	SP206	FORD	535,3	383,1	19
SP038	VW	709,0	473,0	37-41	SP207	RENAULT	520,8	332,5	34
SP039	GM	514,0	360,0	22-25	SP208	GM	529,0	356,0	22-23-24
SP040	GM	514,0	360,0	22-25	SP209	GM	529,0	356,0	22-23-24
SP041	NISSAN	616,0	449,5	32	SP211	RENAULT	655,0	422,0	35
SP042	GM	514,0	360,0	24	SP214	RENAULT	637,0	397,0	35
SP043	GM	514,0	360,0	24	SP217	CITROËN	493,0	333,0	14
SP044	GM	416,0	269,0	24	SP218	TOYOTA	542,0	372,0	36
SP045	GM	517,0	354,0	22	SP223	NISSAN	658,0	454,0	32
SP046	GM	517,0	354,0	23	SP224	FORD	686,0	420,0	20
SP047	CITROËN	489,0	322,0	14	SP225	PEUGEOT	485,3	323,0	33
SP049	HONDA	619,5	455,5	25	SP226	PEUGEOT	485,3	323,0	33
SP051	GM	652,0	401,5	23	SP236	FORD	573,8	411,6	19
SP066	FORD	449,0	280,0	20	SP237	FORD	727,0	461,0	19
SP067	FORD	449,0	280,0	20	SP243	GM	385,5	255,5	22
SP070	FIAT	536,0	355,0	15	SP245	GM	410,0	266,0	25
SP072	FIAT	542,0	369,0	18	SP249	HONDA	448,0	338,0	25
SP073	FIAT	536,0	363,0	18	SP251	HONDA	628,5	455,5	25
SP074	FIAT	644,0	401,0	15-18	SP252	TOYOTA	542,0	372,0	36
SP076	FIAT	637,0	405,0	16-18	SP255	GM	524,0	360,0	24
SP079	FIAT	637,0	405,0	16	SP256	GM	524,0	360,0	24
SP084	FIAT	533,0	373,5	17	SP257	GM	410,0	266,0	23
SP085	FIAT	533,0	373,5	17	SP263	GM	428,0	277,0	23
SP086	FORD	478,0	306,0	20	SP264	KIA	375,0	239,0	28
SP090	FORD	688,4	477,8	20	SP265	KIA	514,0	323,0	28
SP106	FIAT	537,5	377,5	18	SP267	VW	541,0	387,0	37-41
SP107	FIAT	537,5	377,5	18	SP268	VW	485,0	354,0	38
SP110	HONDA	541,0	350,0	25-26	SP269	VW	501,0	362,0	38-40-41
SP111	HONDA	541,0	350,0	25-26	SP270	VW	683,1	468,2	38-40-41
SP112	FORD	457,4	287,2	20	SP271	VW	663,0	416,0	38-40-41
SP113	FORD	457,4	287,2	20	SP273	TOYOTA	519,5	340,0	36
SP114	FORD	720,0	513,0	20	SP274	TOYOTA	519,5	340,0	36
SP115	FIAT	608,0	382,0	18	SP278	PEUGEOT	364,0	260,6	33
SP116	TOYOTA	519,5	340,0	36	SP282	VW	729,0	494,0	37-41
SP117	TOYOTA	519,5	340,0	36	SP285	RENAULT	616,0	392,0	35
SP120	GM	653,0	401,0	23-24	SP288	NISSAN	538,0	392,0	32
SP130	RENAULT	606,0	362,0	35	SP289	NISSAN	538,0	392,0	32
SP142	HONDA	728,0	511,0	25-26	SP290	NISSAN	602,0	399,0	32
SP144	NISSAN	538,0	384,0	33	SP297	PEUGEOT	509,7	341,8	33
SP145	NISSAN	538,0	384,0	33	SP298	PEUGEOT	509,7	341,8	33
SP146	NISSAN	593,0	390,0	33	SP320	VW	495,5	360,0	38-42
SP151	RENAULT	521,0	333,0	34	SP321	VW	495,5	360,0	38-42
SP152	RENAULT	524,0	338,0	34-35					

Ordem Numérica dos Amortecedores

Código	Montadora	Dimensional (mm)		Página
		Aberto	Fechado	
SP322	VW	666,0	474,5	38-42
SP341	FORD	708,4	450,0	20
SP342	FORD	479,0	315,0	19
SP343	FORD	479,0	315,0	19
SP344	FORD	723,0	473,0	19
SP345	FORD	731,5	487,0	19
SP352	FORD	680,0	452,0	20
SP357	FORD	449,0	280,0	20
SP358	FORD	449,0	280,0	20
SP363	FORD	671,7	411,7	20
SP385	PEUGEOT	504,0	335,0	33
SP386	PEUGEOT	504,0	333,5	33
SP759	RENAULT	567,0	376,0	34-35
SP806	TOYOTA	570,0	362,0	37
SP816	HONDA	518,0	445,0	26
SP822	CITROËN	474,0	312,0	14
SP831	HONDA	603,0	393,0	25-26
SP960	HYUNDAI	537,0	369,0	26
SP961	HYUNDAI	537,0	369,0	26
SP978	HYUNDAI	505,0	354,0	26
SP979	HYUNDAI	505,0	354,0	26
SP984	GM	557,0	382,0	23
SP985	GM	557,0	382,0	23
SP986	NISSAN	518,0	370,5	32
SP987	NISSAN	518,0	370,5	32
SP988	HYUNDAI	509,0	325,0	27
SP989	HYUNDAI	509,0	325,0	27
SP990	HYUNDAI	527,0	362,0	27
SP991	HYUNDAI / KIA	546,5	385,5	27 / 28
SP992	HYUNDAI / KIA	546,5	385,5	27 / 28
SP993	HYUNDAI / KIA	594,0	404,0	27 / 28
SP994	HYUNDAI / KIA	594,0	404,0	27 / 28
SP995	MITSUBISHI	423,5	313,5	31
SP996	NISSAN	508,0	356,0	32
SP997	NISSAN	508,0	356,0	32
V1143	HYUNDAI	389,0	252,0	26
V1149	HYUNDAI	498,4	316,1	26

Tabela de Equivalência

CÓD.NOVO	CÓD. ANTIGO / CÓD. COMPLETO	REGISTRO DO PRODUTO	COFAP	COFAP Gás	NAKATA	NAKATA Gás	CÓD.NOVO	CÓD. ANTIGO / CÓD. COMPLETO	REGISTRO DO PRODUTO	COFAP	COFAP Gás	NAKATA	NAKATA Gás
5543	M59P05543	004717/2013					38042	BR120038042	002404/2012	L12896		0	
5612	BR620005612N	004717/2013					38043	BR120038043	002404/2012	0		AC31004	
5637	M5EJ05637	004717/2013					38045	334286	10105	0		AC27278	
5639	M59P05639	004717/2013	GB48231		HG 41057		38055	334287	10105	B.48029		AC30916	
5646	M59P05646	004717/2013	GB48270				38060	334288	10111	0		AC 30825	
5778	M59P05778	004717/2013					38072	BR120038072	ISENTO	B47585		AC 31159	
5797	M5EJ05797	004717/2013					38111	BR120038111	002404/2012	B.47070		AC30767	
5989	BR620005989N	004717/2013					38203	334289	10108	GB47859			HG 79423
11170	BR660011170N	001529/2013					38204	334290	10111			AC27683	
11171	BR660011171N	001529/2013					38209	334291	10111	0		0	
16024	BR120016024	ISENTO					38214	334292	10111				HG 79331
16430	BR660016430N	001529/2013					38253	334294	10105	GL12900		HG 31192	
16431	BR660016431N	001529/2013					38260	BR120038260	ISENTO				
16470	BR660016470N	001529/2013	0		0		38263	BR120038263	ISENTO				
16471	BR660016471N	004718/2013	GP32580				38264	BR120038264	ISENTO				
16472	BR660016472N	004718/2013	GP32579				38266	BR120038266	ISENTO	B.50928M			
16497	M53Z16497	001529/2013					38268	BR120038268	ISENTO	B.50930M			
16498	BR660016498N	005121/2019	GP33212				38269	BR120038269	ISENTO				
23454	0	001671/2017	GB47830				38272	BR120038272	ISENTO				
23784	0	001669/2017					38283	BR120038283	ISENTO				
23858	376180	001529/2013	0				42041	42058	001671/2017	GB47615		0	HG 77014
23859	23782	001669/2017	GB29979M				43081	0	001671/2017				
23956	BR620023956N	001671/2017					43096	0	001671/2017				
23967	23983	001671/2017	GB47969				43097	0	001671/2017				
26654	376028	001669/2017					43112	0	001671/2017				
26662	BR630026662N	001671/2017					43133	M53Z43133	001671/2017				
26663	376054	001669/2017					43804	BR650043804N	002395/2012	G.32269		HG 31089	HG 78171
26665	BR630026665N	6618					43806	BR650043806N	002395/2012	0		CT29097	
37081	BR630037081N	004717/2013					43901	808400	10108	0		0	
37082	BR630037082N	004717/2013					44441	BR660044441N	002401/2012			SE30815	
37083	BR630037083N	004717/2013					44442	BR660044442N	002401/2012			SE29369	
37161	M59P37161	004717/2013					44455	808404	10108	GP32313		HG 31190	HG 32828
37162	M59P37162	004717/2013					45008	376081	001671/2017				
37204	BR630037204N	004717/2013					54342	BR130054342	002404/2012	L12917		AC36014	
37281	M53Z37281	004717/2013					54363	BR130054363	002404/2012	L12918		AC 36021	
37302	M53Z37302	004717/2013					54386	BR130054386	002404/2012	0		AC 36017	
37310	M53Z37310	004717/2013	GB48230M				54388	BR130054388	002404/2012	0		AC35819	
37323	M53Z37323	004717/2013					54425	640425	002404/2012	0		AC36016	
37327	M53Z37327	004717/2013					54426	BR130054426	002404/2012	L12646		AC 36022	
37358	M59P37358	004717/2013					54427	BR130054427	002404/2012	L12757		AC36015	
37747	BR120037747	ISENTO	B47358		AC 25041		54431	BR130054431	002404/2012	L12614		AC36024	
37771	BR120037771	002404/2012	B.47417		AC 30427		54438	640438	002404/2012	45155			
37780	BR120037780	002404/2012	B.47422				54441	BR130054441	002404/2012	L12632		AC 36020	
37876	BR120037876	ISENTO	B47363				54442	BR130054442	002404/2012	L12631		AC 36019	
37886	BR120037886	002406/2012	B.47567		AP 30441		54443	BR130054443	002404/2012	L12130			
37913	BR120037913	ISENTO	B.47467		AC 31191		54444	640444	002404/2012	L12448		AC36013	
37914	BR120037914	ISENTO	B.47479				54449	BR130054449	002404/2012	L12474			
38022	BR120038022	002404/2012	0		AC30975		54454	BR130054454	002404/2012	0		AC36056	
38039	BR620038039N	002399/2012				HG 77025	54455	BR130054455	002404/2012	L12473		AC36057	

Tabela de Equivalência

CÓD.NOVO	CÓD. ANTIGO / CÓD. COMPLETO	REGISTRO DO PRODUTO	COFAP	COFAP Gás	NAKATA	NAKATA Gás	CÓD.NOVO	CÓD. ANTIGO / CÓD. COMPLETO	REGISTRO DO PRODUTO	COFAP	COFAP Gás	NAKATA	NAKATA Gás
54458	BR130054458	002404/2012	L12052				65419	BR140065419	002404/2012	90205			
54459	BR130054459	002404/2012	45033				65423	BR140065423	002404/2012	45051			
54463	BR130054463	002404/2012	45152		AC36016		65428	BR140065428	002404/2012	45036			
54475	640475	002404/2012	L12657				65440	BR140065440	002404/2012	45059		AC36010	
54477	BR130054477	002404/2012	L12648		0		65441	650441	002404/2012	45077		AC 45013	
54478	BR130054478	002404/2012	L12649		AC35496		65442	BR140065442	002404/2012	45057		AC 45017	
54487	640487	002404/2012	0		AC 36011		65443	BR140065443	002404/2012	45082			
54488	640488	002404/2012	0		AC36012		65444	650444	002404/2012	45122		AC36010	
54489	BR130054489	002404/2012	0				65447	650447	002404/2012	135957		AC45002	
54490	BR130054490	002404/2012	L12994				65448	650448	002404/2012	90891		AC45003	
54495	BR130054495	002404/2012	0		AC 36067		65449	650449	002404/2012	45090		AC45004	
54496	BR130054496	002404/2012	45182		AC 36023		65451	650451	002404/2012	90912			
54497	640497	002404/2012	0				65452	BR140065452	002404/2012	45056		AC 45004	
54499	640499	002404/2012	L12896		AC36018		65454	650454	002404/2012	45058			
54500	640500	002404/2012	45854				65455	650455	002404/2012	45093		AC45020	
54501	BR130054501	002404/2012					65456	650456	002404/2012	45126			
54502	BR130054502	002404/2012	L13183		AC 36064		65457	650457	002404/2012	90250			
54503	BR130054503	002404/2012	L12142				65458	650458	002404/2012	45136		AC 45007	
54504	BR130054504	002404/2012	GL13256				65459	650459	002404/2012	90191		AC45001	
54505	640505	002404/2012	0		AC 36076		65461	650461	002404/2012	45123		AC 45006	
54506	640506	002404/2012	L.13324				65462	650462	002404/2012	45063		AC45019	
54507	BR130054507	002404/2012	GL13257				65463	650463	002404/2012	45145			
54509	BR130054509	002404/2012					65464	650464	002404/2012	90317			
54510	BR130054510	002404/2012					65465	BR140065465	002404/2012	45156		AC 45014	
54511	BR130054511	002404/2012	0				65466	650466	002404/2012	45120			
54512	BR130054512	002404/2012	0				65475	650475	002404/2012	0			
54513	BR130054513	002404/2012	L.13059				65478	650478	002404/2012				
54514	BR130054514	002404/2012					65479	650479	002404/2012				
54515	640515	002404/2012	L.13823		AC 42003		65480	650480	002404/2012	45158		AC 45010	
54516	640516	002404/2012	45841		AC 42004		65482	650482	002404/2012	90455		0	
54517	27287	002404/2012	GL12723		HG 36054		65483	650483	002404/2012	45094			
54518	27283	002404/2012	0		HG 36055		65484	650484	002404/2012	45210			
54519	667568	002404/2012	L12066		AC35972		65485	BR140065485	002404/2012	45092			
54520	668056	002404/2012	GL12833		HG 36044		65486	650486	002404/2012	45185			
54521	668058	002404/2012	0		HG 36045		65487	650487	002404/2012	45173			
54522	27101	002404/2012	GL12880		HG 36046		65489	650489	002404/2012				
54523	668200	002404/2012	GL12814				65490	BR140065490	002404/2012	0			
59626	BR630059626N	002399/2012	L12385		AC35840		65491	650491	002404/2012	45160			
59649	BR620059649N	002399/2012					65492	650492	002404/2012	L13331		AC36083	
60526	BR630060526N	002399/2012	0				65493	BR140065493	002404/2012	L13332		AC45024	
65402	650402	002404/2012	90166		AC 45006		65494	650494	002404/2012				
65403	BR140065403	002404/2012	90024		AC 45015		65495	BR140065495	002404/2012	45838			
65405	650405	002404/2012	45123		AC 25041		65496	650496	002404/2012	45842			
65409	650409	002399/2012	90099				65497	650497	002404/2012				
65410	BR140065410	002404/2012	45010				65501	BR140065501	002404/2012				
65413	BR140065413	002404/2012	45039				65502	650502	002404/2012				
65415	BR140065415	002404/2012	45117				65503	650503	002399/2012				
65416	650416	002404/2012	45029				71372	BR660071372N	004719/2013	GB27653			
65418	650418	002404/2012	45033		AC 45011		71377	M59P71377	004718/2013				

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CÓD.NOVO	CÓD. ANTIGO / CÓD. COMPLETO	REGISTRO DO PRODUTO	COFAP	COFAP Gás	NAKATA	NAKATA Gás	CÓD.NOVO	CÓD. ANTIGO / CÓD. COMPLETO	REGISTRO DO PRODUTO	COFAP	COFAP Gás	NAKATA	NAKATA Gás
71380	BR660071380N	004719/2013					83815	334309	10111	GB50961M		HG 31148	
71583	BR660071583N	004718/2013					83833	334032	10105	GB48237		HG 31201	
72123	BR660072123N	004719/2013	GP30522				84727	BR630084727N	002399/2012	GL12342		0	
72143	BR660072143N	004718/2013					84728	334311	10105	GL12343		0	
72144	BR660072144N	004718/2013					84731	334312	10105	L13001M		0	
72199	M59P72199	004718/2013					84736	BR630084736N	002399/2012	GL12831		0	
72200	M59P72200	004718/2013					84737	334313	10105	GL12466		HG 36068	HG 35879
72248	M5EJ72248	004718/2013					84745	BR630084745N	002399/2012	GL12845		HG 36052	
72254	BR660072254N	004718/2013					84746	BR630084746N	002399/2012	0		HG 36053	
72261	BR660072261N	004718/2013	0				84751	BR670084751N	002401/2012	GL13685		HG 36081	
72286	M5EJ72286	004718/2013	0		0		84753	334316	10105	GB 48238		HG 41040	
72287	M5EJ72287	004718/2013	0		0		84754	334317	10111	GL13683		HG 41039	
72307	M5EJ72307	004718/2013					84756	M5LE84756	002402/2012	GL13703		0	
72308	M5EJ72308	004718/2013					94135	BR660094135N	002401/2012	0		SE29291	
72309	M5EJ72309	004718/2013					94143	808407	10108	MP30214		0	
72310	M5EJ72310	004718/2013					95203	BR660095203N	002401/2012	GP38006	GL15000M		HG37001
72491	BR660072491N	004718/2013	0				95301	808410	10108	0		0	HG37002
72492	BR660072492N	004718/2013	0				95602	808411	10108				
72497	BR620072497N	004719/2013	GB50969	GB50969M	HG 41075		95603	808395	10108	0		0	
72509	M59P72509	004721/2013	GP33240				95604	808396	10108	0		0	
72510	M59P72510	004721/2013	GP33241				98036	BR690098036N	002399/2012	L13333			
72511	M59P72511	004719/2013	GB48267				334000MM	46075	002403/2012	32168		0	
72526	M59P72526	004718/2013					334003MM	42606	002404/2012	SL30202	B47727	AC30671	
72527	M59P72527	004718/2013					334004MM	361434	002404/2012	0		0	
72562	M59P72562	004718/2013					334005MM	27001	002404/2012	GB47636		AP 25124	
72563	M59P72563	004719/2013					334006MM	M334006MM	002404/2012			HG 36040	
72638	M5EJ72638	004718/2013					334007MM	20012	002404/2012	GL2058			
72896	M5EJ72896	004728/2013					334010MM	65027	002404/2012	GB47739			
72914	M5EJ72914	004718/2013					334011MM	27011	002403/2012	0			0
72915	M5EJ72915	004718/2013					334012MM	27012	002403/2012	0			0
72957	M59P72957	004719/2013					334013MM	20013	002404/2012	GL12675		HG 36035	
73045	M59P73045	004718/2013					334014MM	15014	002404/2012	0		AC30668	
73046	M59P73046	004718/2013					334015MM	361438	002404/2012	0		0	
73055	M59P73055	004718/2013					334016MM	361407	002404/2012	0			0
73056	M59P73056	004718/2013					334017MM	27017	002404/2012	GL12099		0	
73057	M59P73057	004718/2013					334018MM	38018	002404/2012	B.47232		AC25001	
73058	M59P73058	004718/2013					334019MM	15019	002404/2012	B47509		AC25003	
83736	334298	10105	GB48003M		HG 30923		334022MM	M334022MM	002404/2012	GB48004M			HG 30924
83738	BR620083738N	002399/2012			HG 30924		334023MM	27023	002403/2012	0			0
83743	BR690083743N	002399/2012				HG 79465	334032MM	83833	007706/2017				
83744	BR690083744N	002399/2012				HG 79464	334035MM	38035	002404/2012	B.47061		AC30728	HG 30854
83749	BR620083749N	002399/2012	0		HG 31163		334037MM	38037	002404/2012	B.47765		AC30830	
83750	334305	10105	MP30214		HG 31164		334041MM	38041	002404/2012	0		0	HG30730
83754	BR620083754N	002399/2012	GB27364		HG 31060		334048MM	372489	002406/2012	0		0	
83757	334173	10108	GP31000M			HG30974	334050MM	46050	002403/2012	32016		CT 32542	HG 32167
83760	BR660083760N	002401/2012					334054MM	38054	002404/2012	BL.1051		AC 30747	HG 30971
83761	BR660083761N	002401/2012					334056MM	372501	002406/2012	0		0	HG 31073
83805	BR620083805N	002402/2012	GB48277		HG 31144		334058MM	15058	002404/2012	B.47558		AC25172	
83807	334308	10105	GB50960M		HG 31149		334059MM	15059	002404/2012	B.47464		AC25455	

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CÓD.NOVO	CÓD. ANTIGO / CÓD. COMPLETO	REGISTRO DO PRODUTO	COFAP	COFAP Gás	NAKATA	NAKATA Gás	CÓD.NOVO	CÓD. ANTIGO / CÓD. COMPLETO	REGISTRO DO PRODUTO	COFAP	COFAP Gás	NAKATA	NAKATA Gás
334064MM	0	002406/2012		GB27268	HG 30994	HG30780	334298MM	83736	007706/2017				
334065MM	15065	002403/2012	0	32176	CT32593		334301MM	27301	002404/2012	GL12797		AC 35466	
334067MM	15067	002403/2012	32014		CT32552		334302MM	27302	002404/2012	GL12798		AC 35467	
334075MM	27075	002403/2012	0		0		334303MM	361702	002404/2012	0		0	
334077MM	46077	002403/2012	32180		CT 32723		334304MM	361717	002404/2012	GL12675		0	
334078MM	46078	002403/2012	G.32198			HG 32729	334305MM	83750	007706/2017				
334081MM	27081	002403/2012	30056		30826	0	334306MM	27306	002404/2012	GL12059		0	
334083MM	46083	002403/2012	62313		30826	0	334308MM	83807	007706/2017				
334088MM	46088	002403/2012	32193	SC30320	CT 30731		334309MM	83815	007709/2017				
334089MM	46089	002403/2012	32194	SC30321	CT 30732		334311MM	84728	007706/2017				
334091MM	46091	002403/2012	32532		CT 32771		334312MM	84731	007706/2017				
334093MM	46093	002403/2012	32208		0		334313MM	84737	007706/2017				
334096MM	27096	002406/2012	0			HG 30796	334314MM	27314	002403/2012	G.32196		0	
334097MM	27097	002404/2012	GB47833		HG 31076	HG 77089	334316MM	84753	007706/2017				
334100MM	27100	002406/2012	GB47780			HG 30794	334317MM	84754	007709/2017				
334102MM	27102	002406/2012				HG 30993	334318MM	SP759	007706/2017				
334103MM	27103	002406/2012				HG 30993	334319MM	SP816	007706/2017				
334105MM	27105	002404/2012	GBL1078			HG 30803	334320MM	SP822	007706/2017				
334136MM	M5P334136	007706/2017	GB48245				334321MM	SP831	007706/2017				
334148MM	38148	002406/2012	BL.1053		AC 30799		334324MM	27324	002403/2012	G.32370		HG 33023	
334173MM	83757	007707/2017					334333MM	65366	002404/2012	GBL1024			
334182MM	27182	002404/2012	0		HG 31150		334371MM	15371	002406/2012	0		AC35001	
334183MM	27183	002404/2012			HG 31150		334382MM	54382	002404/2012			AC35904	
334200MM	M5P334200	007706/2017	GB48307		HG 41215		334387MM	15387	002406/2012	0		AC35050	
334213MM	27213	002404/2012	GL12688		0		334410MM	388803	002404/2012	L.12750		AC 35466	
334228MM	27228	002406/2012	GB47897		HG 31088		334411MM	388806	002404/2012	L.12613		AC 35467	
334229MM	27229	002404/2012	GB48000M			HG 30990	334412MM	388806	002404/2012	L.12680		0	
334230MM	27230	002404/2012	GB48001M			HG 30991	334415MM	388812	002404/2012	0		AC35481	
334242MM	27242	002404/2012					334416MM	388820	002404/2012	0		AC35482	
334248MM	27248	002406/2012			HG 30992		334421MM	388826	002404/2012	0		AC 35821	
334255MM	361889	002404/2012	L.12528				334435MM	388844	002404/2012	0		0	
334257MM	M5P334257	007706/2017	GB48260		HG 41054		334437MM	388839	002404/2012	L.12363		AC30786	
334258MM	38258	002406/2012	BL.1269		AC31207		334446MM	54446	002404/2012	0		AC 35837	
334259MM	38259	002406/2012	B.47895		AC31206		334447MM	54447	002404/2012	0		0	
334260MM	M5P334260	007706/2017					334449MM	83837	007706/2017				
334278MM	361684	002404/2012	GL12926		HG 36062		334451MM	388873	002404/2012	0		AC30831	
334279MM	361678	002404/2012	GL12854		HG 36063		334453MM	349860	002404/2012	L.12628		AC35461	
334280MM	27259	002404/2012	0		HG 31157		334464MM	15464	002406/2012	0		AC35122	
334281MM	27261	002404/2012	GB47866		HG 31158		334465MM	15465	002406/2012	SL30023			
334286MM	38045	007706/2017					334466MM	388846	002404/2012			AC35481	
334287MM	38055	007706/2017					334467MM	54467	002404/2012			AC35482	
334288MM	38060	007709/2017					334468MM	15468	002406/2012	0		AC30756	
334289MM	38203	007706/2017					334469MM	15469	002406/2012	0		AC30757	
334290MM	38204	007709/2017					334480MM	361888	002404/2012	0		AC35764	
334291MM	38209	007709/2017					334481MM	361871	002404/2012	0		35842	
334292MM	38214	007709/2017					334483MM	27483	002404/2012	0		35973	
334294MM	38253	007706/2017					334485MM	361877	002404/2012	0		35844	
334295MM	38295	002405/2012	MP27538		SE31142		334486MM	M334486MM	007709/2017	GB48212		HG 41112	
334296MM	38296	002405/2012	MP27539		SE31143		334487MM	M334487MM	007706/2017			HG 41094	

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CÓD.NOVO	CÓD. ANTIGO / CÓD. COMPLETO	REGISTRO DO PRODUTO	COFAP	COFAP Gás	NAKATA	NAKATA Gás	CÓD.NOVO	CÓD. ANTIGO / CÓD. COMPLETO	REGISTRO DO PRODUTO	COFAP	COFAP Gás	NAKATA	NAKATA Gás
334490MM	M334490MM	007706/2017					376048SP	0	001671/2017				
334492MM	361911	002404/2012	0		AC35764	HG 36028	376049SP	0	001529/2013				
334494MM	361918	002404/2012	GL12725		0		376056SP	0	001671/2017				
334495MM	27495	002404/2012	0		AC 35856		376067SP	0	001671/2017				
334498MM	361894	002404/2012	0		AC35764	HG36027	376091SP	0	001669/2017				
334506MM	361923	002404/2012	GL13689		0		376104SP	0	001669/2017				
334507MM	361932	002404/2012	GL13690		HG 36073		376157SP	M5P376157	001671/2017				
334508MM	M5P334508	007706/2017	GB48291		HG 41114		376195SP	M5P376195	001671/2017	GB48308			
334514MM	27514	002404/2012					376211SP	376210	001671/2017				
334515MM	361929	002404/2012					376213SP	0	001671/2017				
334529MM	M334529MM	007706/2017	GB48325		HG 41060		376214SP	0	001671/2017				
334530MM	M334530MM	007706/2017	GB48296				376219SP	0	001669/2017				
334533MM	M334533MM	007706/2017	GB48305		HG 41259		376220SP	0	001669/2017				
334534MM	M334534MM	007706/2017	GB27675		HG 41273		376228SP	0	001671/2017				
334728MM	15728	002404/2012	0		AC31071		376235SP	0	001669/2017	GB27282			HG79986
334732MM	M334732MM	002404/2012	GB50943M		HG 36040		376237SP	0	001669/2017	0			HG79993
334736MM	15736	002404/2012	0		AC25015		376253SP	M5P376253	001671/2017				
334737MM	15737	002404/2012	0		AC25016		378059SP	0	007706/2017				
334763MM	37763	002404/2012	B.47538		AC25021		379001SP	M379001SP	002404/2012	GB27576			
334772MM	37772	002404/2012	B47944		AC31070		379002SP	M379002SP	007706/2017	GB48301			
334784MM	15784	002403/2012	30015		CT25001		379003SP	M379003SP	002399/2012	GB48282		HG 41208	
334785MM	M334785MM	002404/2012	0		AC30911		379004SP	M379004SP	007706/2017	GB48283			
334823MM	15823	002404/2012	0		AC30071		379005SP	M379005SP	007709/2017	GB48166		HG 41206	
334826MM	27826	002406/2012	0		AP30440		379006SP	M379006SP	002399/2012	GB48281		HG 41280	
334829MM	15829	002404/2012	0		AC31070		379007SP	M379007SP	007706/2017	GB48261			
334855MM	37855	002404/2012	0		AC30830		379008SP	M379008SP	002404/2012	GB48099		HG 41005	
334868MM	15868	002404/2012					379009SP	M379009SP	002399/2012				
334880MM	37880	002406/2012	0		0	HG 27521	379010SP	M379010SP	002399/2012				
334881MM	37881	002406/2012	0		0	HG 30168	379011SP	M379011SP	002404/2012				
334908MM	15908	002404/2012	0		AC30553		379013SP	M379013SP	002406/2012	0			
334909MM	15909	002404/2012	0		AP25124		379014SP	406036	002404/2012	GBL1119			HG 31039
334921MM	37921	002406/2012	B.47571		AP 30442		379015SP	M379015SP	007709/2017				
334922MM	37922	002406/2012	B.47570		AP30460	HG 30242	379016SP	M379016SP	007706/2017			HG 41200	
334930MM	27930	002406/2012	GB7751			0	379017SP	M379017SP	002404/2012				
334953MM	37953	002404/2012	B.47753		AC30601	HG 30592	379018SP	37027	007706/2017				
334954MM	15954	002404/2012	0				379019SP	0	002399/2012				
370001SP	M5P370001	007706/2017					379020SP	0	002399/2012	GL13081		HG 31131	
370002SP	M5P370002	007706/2017					379021SP	M379021SP	002404/2012	GB48309		HG 41136	
376000SP	M5P376000	001671/2017					379022SP	27022	002404/2012	GL13136			
376014SP	0	001669/2017					379024SP	27024	002404/2012	GL12380		HG 36031	AC35866
376017SP	0	001669/2017				HG79986	379048SP	M379048SP	002402/2012				
376019SP	0	001669/2017					379049SP	M379049SP	002399/2012				
376021SP	0	001671/2017	GB47830				379050SP	M379050SP	002402/2012				
376024SP	0	001669/2017					379051SP	M379051SP	002404/2012	GB27674			
376029SP	0	001669/2017					379052SP	M379052SP	002404/2012				
376034SP	M5P376034	001671/2017					379053SP	M379053SP	002404/2012				
376039SP	0	001671/2017					379054SP	M379054SP	002404/2012	GB48255		HG 31174	
376042SP	0	001529/2013					379055SP	M379055SP	002404/2012				
376045SP	M5P376045	001671/2017					379056SP	M379056SP	002404/2012				

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CÓD.NOVO	CÓD. ANTIGO / CÓD. COMPLETO	REGISTRO DO PRODUTO	COFAP	COFAP Gás	NAKATA	NAKATA Gás
379057SP	M379057SP	002404/2012				
379058SP	M379058SP	002404/2012	GB27667		HG 31251	
379061SP	379012	002404/2012				
379062SP	38062	002404/2012	B.47804		AC30847	
379063SP	38063	002404/2012	B.47805		AC30848	
379064SP	379000	002404/2012	GB48246		HG 41015	
379065SP	M379065SP	002404/2012	GB48310			
379066SP	M379066SP	002402/2012	GL13835		HG41360	
379067SP	M379067SP	002399/2012	GB48475		HG41361	
379068SP	M379068SP	002404/2012				
379069SP	M379069SP	002404/2012				
379070SP	M379070SP	002404/2012	GB48294		HG 31253	
379071SP	M379071SP	002404/2012			HG 41163	
379072SP	0	002404/2012	GB48240			
379073SP	M379073SP	002404/2012	GB48292		HG 31249	
379074SP	M379074SP	002404/2012				
379075SP	M379075SP	002404/2012				
379076SP	M379076SP	002404/2012	GB48316		HG 41147	
379077SP	M379077SP	007707/2017	GP30563			
379078SP	M379078SP	002404/2012	0			
379080SP	M379080SP	002404/2012	GB27678		HG 41298	
379081SP	M379081SP	002404/2012	GB48372		HG 41477	
379083SP	M379083SP	002404/2012	GB27672			
379084SP	M379084SP	002404/2012	GB48445			
379085SP	418286	10110			HG 31200	
379086SP	M379086SP	002404/2012	GB27680		HG 41336	
379094SP	27094	002404/2012	GB47965		HG 31134	
379146SP	38146	002404/2012	B.47788		AC 30850	
379150SP	38150	002404/2012	B.29994		AC31036	
379151SP	38151	002404/2012	B.47885		0	
379152SP	38152	002404/2012	B.47879		0	
379153SP	38153	002404/2012	BL.1190		0	
379154SP	38154	002404/2012			0	
379216SP	27216	002404/2012	GB48213	GB48091	HG 31184	HG31208
379244SP	27244	002404/2012	GB48266			
379254SP	27254	002404/2012	GB27660			
379262SP	27262	002404/2012		GB47878	HG 79746	
379297SP	38297	002404/2012	B29993M		0	
379298SP	38298	002404/2012				
379299SP	27299	002404/2012		GB48085	HG 41042	
379326SP	27326	002406/2012			HG 41086	
379327SP	27327	002406/2012			HG 41086	
379328SP	27328	002404/2012			HG 41087	
379329SP	27329	002404/2012			HG 41087	
379381SP	27381	002404/2012	GB48084			HG31152
379387SP	27387	002404/2012	GBL1220		HG 31032	
379523SP	406555	002404/2012	GL12878		HG 36070	
379525SP	406554	002404/2012	GL12561		HG 36069	
379527SP	406560	002404/2012	GL12935		HG 36071	

CÓD.NOVO	CÓD. ANTIGO / CÓD. COMPLETO	REGISTRO DO PRODUTO	COFAP	COFAP Gás	NAKATA	NAKATA Gás
379931SP	27931	002406/2012	GL27335		HG 27521	HG 30737
379932SP	27932	002406/2012	GL27334		HG 30168	HG 30736
640524MG	M640524MG	002399/2012	0			
640525MG	M640525MG	002399/2012	L.12131			
640526MG	M640526MG	002399/2012	L.12787			
640527MG	M640527MG	002399/2012	L.12786			
640530MG	M640530MG	002399/2012	L.13322			
640531MG	M640531MG	002399/2012	L.13325			
640535MG	M640535MG	002399/2012	0			
640536MG	M640536MG	002399/2012	L.12146			
640539MG	M640539MG	002399/2012	L.13334			
640540MG	M640540MG	002399/2012	GL12879		HG 36047	
640541MG	M640541MG	002399/2012			HG 41344	
640542MG	M640542MG	002399/2012	L.13347			
640543MG	M640543MG	002399/2012	L.13323			
640549MG	54448	ISENTO	CL12784			
640550MG	M640550MG	ISENTO				
640552MG	M640552MG	ISENTO	B.47710			
640553MG	M640553MG	002404/2012	GL13775			
640554MG	M640554MG	002404/2012	L.13814			
640555MG	M640555MG	002404/2012				
640556MG	M640556MG	002404/2012				
640557MG	M640557MG	002404/2012				
640558MG	M640558MG	002404/2012				
640559MG	M640559MG	002404/2012	L.13092			
640560MG	M640560MG					
640561MG	M640561MG	002404/2021				
640562MG	M640562MG	002404/2021	L.12701			
650414MG	65414	002399/2012	45118			
650498MG	M650498MG	002399/2012				
650500MG	M650500MG	002399/2012	45379			
650504MG	M650504MG	002399/2012	45188			
650505MG	M650505MG	002399/2012	45275 / 45220			
650507MG	M650507MG	002399/2012	45174			
650508MG	M650508MG	002399/2012	45163			
650509MG	M650509MG	002399/2012	45321		AC 45030	
650510MG	M650510MG	002399/2012	45491			
650514MG	M650514MG	002399/2012	90420			
650515MG	M650515MG	002399/2012	45193			
650516MG	M650516MG	002399/2012	45011			
650517MG	M650517MG	002399/2012	45240			
650518MG	M650518MG	002399/2012	45384			
650519MG	M650519MG	002399/2012	45311			
650526MG	M650526MG	002399/2012	45178			
650528MG	M650528MG	002399/2012	45342			
650529MG	M650529MG	002399/2012			AC 45029	
650532MG	M650532MG	002399/2012	45874			
650533MG	M650533MG	002404/2021	45374			

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CÓD.NOVO	CÓD. ANTIGO / CÓD. COMPLETO	REGISTRO DO PRODUTO	COFAP	COFAP Gás	NAKATA	NAKATA Gás	CÓD.NOVO	CÓD. ANTIGO / CÓD. COMPLETO	REGISTRO DO PRODUTO	COFAP	COFAP Gás	NAKATA	NAKATA Gás
650534MG	M650534MG	002404/2021	45376				749034SP	M749034SP	007707/2017	0		0	
650535MG	M650535MG	002404/2021	45352				749035SP	M749035SP	007707/2017	0		0	
742002SP	M5P742002	001529/2013					749036SP	M749036SP	007707/2017				
742016SP	0	001529/2013					749037SP	M749037SP	007707/2017				
742017SP	0	001529/2013					749038SP	M749038SP	007707/2017	GP32800PS		HG 41357	
742030SP	0	001529/2013	0				749039SP	M749039SP	002401/2012				
742031SP	0	001529/2013	0				749040SP	M749040SP	002401/2012				
742032SP	0	001529/2013	0				749041SP	M749041SP	007707/2017	GP33242			
742033SP	0	001529/2013	0				749042SP	M749042SP	007707/2017	GP33243			
742044SP	0	001529/2013					749043SP	M749043SP	007707/2017				
742071SP	0	001529/2013					749044SP	M749044SP	007707/2017				
742116SP	M5P742116	001529/2013	GP33296				749045SP	M749045SP	007707/2017	GP32722		HG33059	
742132SP	M5P742132	001529/2013					749046SP	M749046SP	007707/2017	GP32721		HG33060	
742240SP	M5P742240	001529/2013					749047SP	M749047SP	007707/2017	GP33259			
742241SP	M5P742241	001529/2013					749048SP	M749048SP	007707/2017	GP33258			
742253SP	0	001529/2013					749049SP	M749049SP	002405/2012	GP32988			
746002SP	M5P746002	007707/2017					749050SP	0	002401/2012	0			
746003SP	M5P746003	007707/2017					749051SP	0	002401/2012				
749000SP	M749000SP	007707/2017					749052SP	M749052SP	007707/2017	GP35938M		HG 41077	
749001SP	M749001SP	007707/2017					749053SP	M749053SP	007707/2017	GP35939M		HG 41078	
749002SP	M749002SP	007707/2017	GP30233				749054SP	0	002401/2012				
749003SP	M749003SP	002401/2012					749055SP	0	002401/2012				
749005SP	M749005SP	002401/2012					749059SP	M749059SP	002405/2012	GP30584		HG 41134	
749006SP	M749006SP	002401/2012					749060SP	M749060SP	002405/2012	GP30585		HG 41135	
749007SP	M749007SP	002401/2012					749074SP	M749074SP	002405/2012				
749009SP	M749009SP	002401/2012					749075SP	M749075SP	002405/2012				
749010SP	M749010SP	002401/2012					749076SP	M749076SP	002405/2012				
749011SP	808422	10112		GP30120		HG 33004	749077SP	M749077SP	002405/2012				
749012SP	M749012SP	007707/2017	0		0		749078SP	M749078SP	002405/2012	GP33290		HG 41241	
749013SP	M749013SP	007707/2017	0		0		749079SP		2405	GP33289		HG 41242	
749014SP	M749014SP	007707/2017					749080SP	M749080SP	002401/2012	0		0	
749015SP	M749015SP	007707/2017					749081SP	M749081SP	002401/2012	0		0	
749016SP	M749016SP	007707/2017					749082SP	M749082SP	002401/2012	GP33260PS		HG 41368	
749017SP	M749017SP	007707/2017					749083SP	M749083SP	002401/2012	GP33261PS		HG 41369	
749018SP	M749018SP	007707/2017					749094SP	M749094SP	002405/2012	0		HG 33109	
749019SP	M749019SP	007707/2017					749095SP	M749095SP	002405/2012	0		HG 33110	
749020SP	M749020SP	007707/2017			0		749104SP	808178	10112		GP30126		HG 33008
749021SP	M749021SP	007707/2017			0		749112SP	M749112SP	002405/2012	0		0	
749023SP	M749023SP	007707/2017					749113SP	M749113SP	002405/2012	0		0	
749024SP	M749024SP	007707/2017	GP33286		HG 41164		749114SP	M749114SP	002405/2012	GP33314		HG 41297	
749025SP	M749025SP	007707/2017	GP33285		HG41165		749115SP	M749115SP	002405/2012	GP33382		HG 41476	
749026SP	M749026SP	007707/2017					749340SP	27340	002405/2012	GP35950M		HG 33032	
749027SP	M749027SP	002401/2012			HG 41207		749380SP	27380	002405/2012	GP32801			HG 33053
749028SP	M749028SP	007707/2017	GP33208				806013MM	M5P806013	007707/2017	GP30564			
749029SP	M749029SP	007707/2017	GP33209				806014MM	M5P806014	007707/2017	GP30565			
749030SP	M749030SP	007707/2017	GP33210				806127MM	M5P806127	007707/2017			HG 41198	
749031SP	M749031SP	007707/2017	GP33211				806128MM	M5P806128	007707/2017			HG 41199	
749032SP	M749032SP	002401/2012			HG 41279		808004MM	38233	002405/2012	0		0	
749033SP	M749033SP	007707/2017	GP30558		HG41001		808005MM	15005	002405/2012		MP32226		

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CÓD.NOVO	CÓD. ANTIGO / CÓD. COMPLETO	REGISTRO DO PRODUTO	COFAP	COFAP Gás	NAKATA	NAKATA Gás	CÓD.NOVO	CÓD. ANTIGO / CÓD. COMPLETO	REGISTRO DO PRODUTO	COFAP	COFAP Gás	NAKATA	NAKATA Gás
808008MM	38008	002405/2012	0		SE 32760		808421MM	SP152	007707/2017				
808009MM	38009	002405/2012	MP32092		SE 32688		808422MM	SP176	007707/2017				
808012MM	27227	002405/2012	GP30074		HG 30791		808423MM	SP182	007707/2017				
808030MM	823508	002405/2012	0				808424MM	SP184	007706/2017				
808031MM	15031	002405/2012	0				808425MM	SP191	007707/2017				
808034MM	38034	002405/2012	0		SE30727	HG30853	808426MM	SP192	007707/2017				
808052MM	27052	002405/2012	GP32212			HG 32810	808427MM	SP200	007707/2017				
808053MM	38053	002405/2012	MP30008		0		808428MM	SP204	007707/2017				
808056MM	M5P808056	007707/2017					808429MM	SP207	007707/2017				
808057MM	M5P808057	007707/2017					808523MM	M808523MM	007707/2017			HG 41161	
808058MM	27058	002405/2012	GP32373		HG 33020		808524MM	M808524MM	007707/2017			HG 41162	
808059MM	27059	002405/2012	0		HG 33021		808525MM	M808525MM	007707/2017	GP33222			
808062MM	0	002405/2012	GP30101	GP30100	HG 32779	HG 32778	808526MM	M808526MM	007707/2017	GP33223			
808063MM	0	002405/2012	GP30100	GP30101	HG 32778	HG 32779	808527MM	M808527MM	007707/2017	GP30532			
808098MM	27098	002405/2012	GP30079			HG 30793	808528MM	M808528MM	007707/2017	GP30533			
808108MM	27108	002405/2012	0			HG 30802	808529MM	M808529MM	007707/2017	GP33113		HG 41111	
808160MM	44465	007707/2017	MP35986M				808530MM	M808530MM	007707/2017	GP33114		HG 41110	
808161MM	44466	007707/2017	MP35986M				808531MM	M808531MM	007707/2017	GP33302		HG 41092	
808178MM	SP155	007707/2017					808532MM	M808532MM	007707/2017	GP33301		HG41093	
808218MM	M5P808218	007707/2017	GP33202		HG 41055		808533MM	M808533MM	007707/2017	GP33307		HG 41290	
808219MM	M5P808219	007707/2017	GP33203		HG 41056		808534MM	M808534MM	007707/2017	GP33306		HG 41289	
808232MM	53464	002405/2012	0		HG 32619		808535MM	M808535MM	007707/2017				
808243MM	M5P808243	007707/2017					808536MM	M808536MM	007707/2017				
808244MM	M5P808244	007707/2017					808541MM	M808541MM	007707/2017				
808331MM	27331	002405/2012	0		HG 33015	HG 78185	808542MM	M808542MM	007707/2017				
808332MM	27332	002405/2012	GP32585		HG 33014		808566MM	M5P808566	007707/2017	GP33291		HG 41113	
808336MM	27336	002405/2012	0		7375		808597MM	M808597MM	007707/2017	GP33320		HG 41260	
808337MM	27337	002405/2012	0		7377		808598MM	M808598MM	007707/2017	GP33319		HG 41261	
808338MM	27338	002405/2012	0		0		808599MM	M808599MM	007707/2017	GP33270			
808339MM	27339	002405/2012	0		HG 78184	HG 78185	808600MM	M808600MM	007707/2017	GP33271			
808378MM	54755	002405/2012	GP32143			0	808601MM	M808601MM	007707/2017			HG 41250	
808395MM	95603	007707/2017							GP33328				
808396MM	95604	007707/2017					808602MM	M808602MM	007707/2017			HG 41251	
808400MM	43901	007707/2017							GP33329				
808404MM	44455	007707/2017					808603MM	M808603MM	007707/2017	GP33244		HG 41262	
808407MM	94143	007707/2017					808604MM	M808604MM	007707/2017	GP33245		HG 41263	
808408MM	94146	007707/2017	GP32581				808605MM	M808605MM	007707/2017	GP33293		HG 41258	
808409MM	94147	007707/2017	GP32582				808606MM	M808606MM	007707/2017	GP33292		HG 41257	
808410MM	95301	007707/2017					808607MM	835058	007707/2017	GP33255		SE32688	
808411MM	95602	007707/2017					808608MM	836884	007707/2017	0		0	
808412MM	SP002	007707/2017					808609MM	M808609MM	007707/2017	GP30604		HG 41272	
808413MM	SP006	007707/2017					808899MM	15899	002405/2012	MP27092		SE30851	
808414MM	SP008	007707/2017					808949MM	15949	002405/2012	0		SE30852	
808415MM	SP009	007707/2017					911222	M5P911222	004717/2013				
808416MM	SP033	007707/2017					911223	M5P911223	004717/2013				
808417MM	SP036	007707/2017					911258	M5P911258	004717/2013	GL13083			
808418MM	SP106	007707/2017					911278	M5P911278	004717/2013				
808419MM	SP107	007707/2017					911304	M5P911304	004717/2013				
808420MM	SP151	007707/2017											

Tabela de Equivalência

CÓD.NOVO	CÓD. ANTIGO / CÓD. COMPLETO	REGISTRO DO PRODUTO	COFAP	COFAP Gás	NAKATA	NAKATA Gás	CÓD.NOVO	CÓD. ANTIGO / CÓD. COMPLETO	REGISTRO DO PRODUTO	COFAP	COFAP Gás	NAKATA	NAKATA Gás
CB0002	MP9CB0002	ISENTO					D0420	M54ND0420	001529/2013				
CB0003	MP9CB0003	ISENTO					D2653	BR6600D2653N	001671/2017	0		AC31036	
CB0004	BR6200CB0004N	ISENTO					D4005	M54ND4005	001671/2017				
CB0005	MP9CB0005	ISENTO					D5470	BR6300D5470N	001671/2017	BL1204			HG79745
CB0006	MP9CB0006	ISENTO					D5471	BR6300D5471N	001671/2017				HG 79746
CB0007	BR6200CB0007N	ISENTO					D6442	BR6300D6442N	001671/2017		GL12719		
CB0040	BR6200CB0040N	ISENTO					D6628	BR6300D6628N	001671/2017	0			HG79825
CB0042	MP9CB0042	ISENTO					D6629	BR6300D6629N	001671/2017	0			HG79826
CB0073	MP9CB0073	ISENTO					D6643	BR6200D6643N	001671/2017				
CB0095	MP9CB0095	ISENTO					D7006	BR6200D7006N	001669/2017				
CB0097	MP9CB0097	ISENTO					D7624	BR6900D7624N	001671/2017				
CB0099	MP9CB0099	ISENTO					D8019	M54ND8019	001671/2017				
CB0115	MP9CB0115	ISENTO					D8020	BR6300D8020N	001671/2017				
CB0116	MP9CB0116	ISENTO					D8024	M54ND8024	001669/2017				
CB0122	MP9CB0122	ISENTO					D8068	BR6200D8068N	001671/2017				
CB0136	MP9CB0136	ISENTO					D8069	BR6300D8069N	001669/2017				
CB0137	MP9CB0137	ISENTO					D8072	M54ND8072	001669/2017				
CB0148	MP9CB0148	ISENTO					D8080	M54ND8080	001671/2017				
CB0149	MP9CB0149	ISENTO					D8902	BR6300D8902N	001671/2017	B47788		AC30850	
CB0150	MP9CB0150	ISENTO					G1055	BR6200G1055N	001671/2017				
CB0163	MP9CB0163	ISENTO					G1057	400060	001671/2017				
CB0172	MP9CB0172	ISENTO					G1083	M53ZG1083	001671/2017	GB48268			
CB0173	MP9CB0173	ISENTO					G1086	M53ZG1086	001669/2017				
CB0176	MP9CB0176	ISENTO					G1339	376041	001671/2017				
CB0178	MP9CB0178	ISENTO					G1364	376063	001671/2017	GB48269			
CB0182	MP9CB0182	ISENTO					G1365	376018	001671/2017				
CB0184	MP9CB0184	ISENTO					G16175	M5EN16175	001529/2013				
CB0194	MP9CB0194	ISENTO					G16176	M5EN16176	001529/2013				
CB0196	MP9CB0196	ISENTO					G16277	0	001529/2013				
CB0202	MP9CB0202	ISENTO					G16387	M5EN16387	005121/2019	GP30233			
CB0207	MP9CB0207	ISENTO					G16495	16496	001529/2013				
CB0208	MP9CB0208	ISENTO					G2226	376079	001671/2017				
CB0212	MP9CB0212	ISENTO					G2232	376001	001671/2017				
CB0213	MP9CB0213	ISENTO					G2241	376151	001671/2017				
CB0235	MP9CB0235	ISENTO					G2514	376023	001671/2017				
CB0236	MP9CB0236	ISENTO					G7104	M53ZG7104	001529/2013				
CB0237	MP9CB0237	ISENTO					G7305	M53ZG7305	001529/2013	GP33242			
CB0245	MP9CB0245	ISENTO					G7306	M53ZG7306	001529/2013	GP33243			
D0036	M54ND0036	001529/2013					G7327	M53ZG7327	001529/2013				
D0038	M54ND0038	001529/2013					G7328	M53ZG7328	001529/2013				
D0301	M54ND0301	001529/2013					G7386	749004	001529/2013				
D0303	M54ND0303	001669/2017					G8063	BR6600G8063N	001529/2013		GP32643		HG33045
D0305	M54ND0305	001529/2013					G8064	BR6600G8064N	001529/2013		GP32644		HG33046
D0306	M54ND0306	001671/2017					G8095	M53ZG8095	001529/2013				
D0309	M54ND0309	001671/2017					G8096	M53ZG8096	001529/2013				
D0312	M54ND0312	001529/2013					G8109	742036	001529/2013				
D0314	M54ND0314	001669/2017					G8127	M53ZG8127	001529/2013				
D0405	M54ND0405	001529/2013					G8128	M53ZG8128	001529/2013				
D0418	M54ND0418	001529/2013					G8292	742069	001529/2013				

Tabela de Equivalência

CÓD.NOVO	CÓD. ANTIGO / CÓD. COMPLETO	REGISTRO DO PRODUTO	COFAP	COFAP Gás	NAKATA	NAKATA Gás	CÓD.NOVO	CÓD. ANTIGO / CÓD. COMPLETO	REGISTRO DO PRODUTO	COFAP	COFAP Gás	NAKATA	NAKATA Gás
G8293	742070	001529/2013					SP033	808416	10108				
G8383	742190	001529/2013					SP036	808417	10108	GP30562		HG 41227	
G8384	742191	001529/2013					SP037	M53ZSP037	002404/2012	GB48115		HG 41364	
G8427	742026	001529/2013					SP038	M53ZSP038	002404/2012				
G8428	742027	001529/2013					SP039	M53ZSP039	002405/2012		0		0
G8429	742001	001529/2013					SP040	M53ZSP040	002405/2012		0		0
G8618	742043	001529/2013					SP041	M53ZSP041	002404/2012	GB48233		HG 31179	
R2655	0	001671/2017	GB47647				SP042	M53ZSP042	002405/2012		GP32605		HG33027
R6335	0	001669/2017					SP043	M53ZSP043	002405/2012		GP32606		HG33028
RS55762	0	004719/2013					SP044	M53ZSP044	002404/2012		0		0
RS999008	BR630RS999008N	004717/2013					SP045	M53ZSP045	002405/2012	GP30316		HG 33042	
RS999010	BR630RS999010N	004717/2013					SP046	M53ZSP046	002405/2012	GP30373		HG 33056	
RS999118	BR630RS999118N	004717/2013					SP047	M53ZSP047	002404/2012		0		
RS999120	BR630RS999120N	004717/2013					SP049	M53ZSP049	002404/2012	GB48248			
RS999123	BR630RS999123N	004717/2013					SP051	M53ZSP051	002404/2012	GBL1269			
RS999124	BR630RS999124N	004717/2013					SP066	M53ZSP066	002405/2012				
RS999126	BR630RS999126N	004717/2013					SP067	M53ZSP067	002405/2012				
RS999128	BR630RS999128N	004717/2013					SP070	M53ZSP070	002405/2012	GP32802		HG 33068	
RS999129	BR630RS999129N	004717/2013					SP072	M53ZSP072	002405/2012		GP32436		HG33022
RS999144	BR630RS999144N	004717/2013					SP073	M53ZSP073	002405/2012		GP32452		
RS999180	BR630RS999180N	004717/2013					SP074	M53ZSP074	002404/2012	GB48088	GB47886	HG 31199	HG31122
RS999185	BR630RS999185N	004717/2013					SP076	M53ZSP076	002404/2012		GB47963		HG 31136
RS999186	BR630RS999186N	004717/2013					SP079	M53ZSP079	002404/2012		GB47946		HG 31133
RS999187	BR630RS999187N	004717/2013					SP084	M53ZSP084	002401/2012	GP32927		HG 41362	
RS999194	BR630RS999194N	004717/2013					SP085	M53ZSP085	002401/2012	GP32926		HG 41363	
RS999195	BR630RS999195N	004717/2013					SP086	M53ZSP086	002405/2012		GP30074		HG30791
RS999213	BR630RS999213N	004717/2013					SP090	M53ZSP090	002406/2012		GB47778		HG 30792
RS999214	BR630RS999214N	004717/2013					SP106	808418	10108	GP32823			
RS999223	BR630RS999223N	004717/2013					SP107	808419	10108	GP32822			
RS999229	BR630RS999229N	004717/2013					SP110	M53ZSP110	002405/2012	0		0	
RS999239	BR630RS999239N	004717/2013					SP111	M53ZSP111	002405/2012	0		0	
RS999240	BR630RS999240N	004717/2013					SP112	M53ZSP112	002401/2012			HG 41131	
RS999350	BR630RS999350N	004717/2013					SP113	M53ZSP113	002401/2012			HG 41132	
RS999782	BR630RS999782N	004719/2013					SP114	M53ZSP114	002399/2012				
SP001	M53ZSP001	002404/2012	0		HG 31212		SP115	M53ZSP115	002404/2012	GB48125		HG 31202	
SP002	808412	10108		GP30352PS	HG 41365		SP116	M53ZSP116	002405/2012	0		0	
SP003	M53ZSP003	002405/2012	GP30527		0		SP117	M53ZSP117	002405/2012	0		0	
SP004	M53ZSP004	002404/2012	GB48304		0		SP120	M53ZSP120	002404/2012	GB27608		HG 31214	
SP005	M53ZSP005	002404/2012	GB27654		HG 31213		SP130	M53ZSP130	002404/2012	GB48323			
SP006	808413	10108		GP30352PS	HG 41365		SP142	M53ZSP142	002404/2012				
SP008	808414	10108	0		HG 33075		SP144	M53ZSP144	002405/2012	GP30530		HG 41216	
SP009	808415	10108	0		HG 33076		SP145	M53ZSP145	002405/2012	GP30531		HG 41217	
SP018	0	002405/2012	GP30382	0		0	SP146	M53ZSP146	002404/2012	GB48244		HG 41030	
SP019	0	002405/2012	GP30381	0		0	SP151	808420	10108		GP30108		HG 33001
SP020	M53ZSP020	002405/2012		GP30181		HG 31111	SP152	808421	10108		GP30110		HG33002
SP021	M53ZSP021	002405/2012		GP30180		HG31112	SP154	M53ZSP154	002405/2012		GP32477		HG 33009
SP025	M53ZSP025	002405/2012	0	GP30348	HG 31118	HG 31117	SP166	M53ZSP166	002404/2012		GB27395		HG 31040
SP026	M53ZSP026	002405/2012	GP30348	GP30347	HG 31117	HG31118	SP182	808423	10108		0		HG 33008
SP028	M53ZSP028	002404/2012	GB48239		HG 41036		SP184	808424	10107		GP30188		HG 33043

Tabela de Equivalência

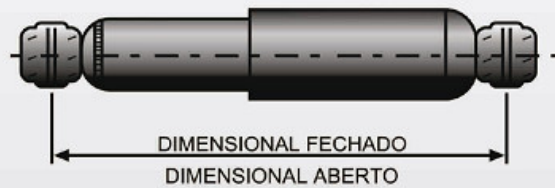
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SP190	M53ZSP190	002404/2012		GBL1206		HG31032
SP191	808425	10108		GP30345M		HG33033
SP192	808426	10108		GP30346M		HG 33034
SP193	M53ZSP193	002401/2012		GP30130		
SP200	808427	10108		GP30224		
SP201	M53ZSP201	002405/2012		GP30231		HG 31100
SP202	M53ZSP202	002405/2012		GP30231		HG 31100
SP203	M53ZSP203	002401/2012	GP30314			HG 33037
SP204	808428	10108		GP30318		HG 33061
SP205	M53ZSP205	002404/2012	GB48043		HG 31151	
SP206	M53ZSP206	002405/2012		GP30313		HG 31102
SP207	808429	10108				
SP208	M53ZSP208	002405/2012	GP30520		HG 33087	
SP209	M53ZSP209	002405/2012	GP30521		HG 33088	
SP211	M53ZSP211	002404/2012		GB48033		HG 31183
SP214	M53ZSP214	002404/2012				
SP217	M53ZSP217	002404/2012		GB27504		
SP218	M53ZSP218	002406/2012	GB50954M		HG 31141	
SP223	M53ZSP223	002404/2012	GB48263		HG 31171	
SP224	M53ZSP224	002404/2012		0	HG 31088	HG31101
SP225	M53ZSP225	002405/2012		GP30179		HG33013
SP226	M53ZSP226	002405/2012	GP30178	GP30180		HG33012
SP236	M53ZSP236	002405/2012				
SP237	M53ZSP237	002404/2012		GB27472		HG 31103
SP243	M53ZSP243	002404/2012		GBL1085		HG 30873
SP245	M53ZSP245	002404/2012		GBL1105		HG 31041
SP249	M53ZSP249	002406/2012	0			
SP251	M53ZSP251	002404/2012	GB29982M			
SP252	M53ZSP252	002406/2012		GBL1205		HG 31115
SP255	M53ZSP255	002405/2012	GP32608	0	HG 33030	HG 33029
SP256	M53ZSP256	002405/2012	GP32682	0	HG 33029	HG 33030
SP257	M53ZSP257	002404/2012	0			
SP263	M53ZSP263	002404/2012	GBL1252	GL1189		HG31113
SP264	M53ZSP264	002404/2012	B.50931M			
SP265	M53ZSP265	002404/2012	GB48265		HG 31667	
SP267	M53ZSP267	002405/2012	GP33124	GP32535		HG 33031
SP268	M53ZSP268	002405/2012		GP32475		HG 33016
SP269	M53ZSP269	002405/2012		0		HG 33017
SP270	M53ZSP270	002404/2012		GB27320		HG 31107
SP271	M53ZSP271	002404/2012	GB27611		HG 31248	
SP273	M53ZSP273	002405/2012		GP32498M		HG33018
SP274	M53ZSP274	002405/2012		GP32497M		HG33019
SP278	M53ZSP278	002404/2012		GBL1247		HG 31185
SP282	M53ZSP282	002404/2012	GB27631	GB27337		HG 31127
SP285	M53ZSP285	002404/2012		GB48039		HG 31129
SP288	M53ZSP288	002405/2012	GP30528		HG 41028	
SP289	M53ZSP289	002405/2012	GP30529		HG 41029	
SP290	M53ZSP290	002404/2012	GB48243		HG 41030	
SP297	M53ZSP297	002405/2012		GP32689		HG33057

CÓD.NOVO	CÓD. ANTIGO / CÓD. COMPLETO	REGISTRO DO PRODUTO	COFAP	COFAP Gás	NAKATA	NAKATA Gás
SP298	M53ZSP298	002405/2012	GP32689	GP32690	HG 33057	HG33058
SP320	27320	002405/2012	GP32986	GP32814		HG 33036
SP321	M53ZSP321	002405/2012		GP32814		HG 33035
SP322	379025	002406/2012	GB48167	GB48089		HG 31128
SP341	M53ZSP341	002406/2012	GB29949M		HG 31126	
SP342	M53ZSP342	002405/2012	GP30544		0	
SP343	M53ZSP343	002405/2012	GP30545		0	
SP344	M53ZSP344	002404/2012	GB27657			
SP345	M53ZSP345	002404/2012				
SP352	M53ZSP352	002406/2012	GB27656			
SP357	M53ZSP357	002405/2012	GP30542		HG 41023	
SP358	M53ZSP358	002405/2012	GP30543		HG 41024	
SP363	M53ZSP363	002404/2012	GB48250		HG 41142	
SP385	M53ZSP385	002405/2012	GP32688	GP32687	HG 33050	HG 33049
SP386	M53ZSP386	002405/2012	0	GP32688	HG 33049	HG 33050
SP759	334318	10105		GP47828		HG 31007
SP806	83806	002404/2012	GB27663		HG 31145	
SP816	334319	10105	GB27532M	GB27532		HG 31119
SP822	334320	10105	GB27531M	GB27531		HG 31125
SP831	334321	10105	GB29945M		HG 31198	
SP960	M53ZSP960	007707/2017				
SP961	M53ZSP961	007707/2017				
SP978	M53ZSP978	007707/2017	GP30534			
SP979	M53ZSP979	007707/2017	GP30535			
SP984	M53ZSP984	007707/2017	GP32960		HG 33095	
SP985	M53ZSP985	007707/2017	GP32959		HG 33096	
SP986	M53ZSP986	007707/2017	GP33206		HG 31177	
SP987	M53ZSP987	007707/2017	GP33207		HG 31178	
SP988	M53ZSP988	007707/2017	GP33204		HG 31216	
SP989	M53ZSP989	007707/2017	GP33205		HG 31217	
SP990	M53ZSP990	007706/2017	GP48232		HG 31218	
SP991	M53ZSP991	007707/2017	GP35964M		HG 33078	
SP992	M53ZSP992	007707/2017	GP35965M		HG 33077	
SP993	M53ZSP993	007707/2017	GP35944M		HG 33080	
SP994	M53ZSP994	007707/2017	GP35944M		HG 33079	
SP995	M53ZSP995	007709/2017	0		HG 41041	
SP996	M53ZSP996	007707/2017	GP30560		0	
SP997	M53ZSP997	007707/2017	GP30561		0	
V1143	BR6200V1143N	001671/2017				
V1149	BR6200V1149N	001671/2017				
V2077	BR6300V2077N	001671/2017				

Dimensional de um Amortecedor

Instruções para determinar o dimensional de um amortecedor:

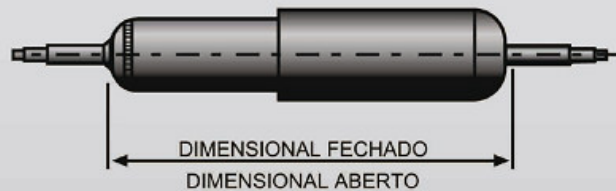
1. Feche totalmente o amortecedor;



2. Tire a medida do amortecedor fechado, conforme desenhos ao lado;



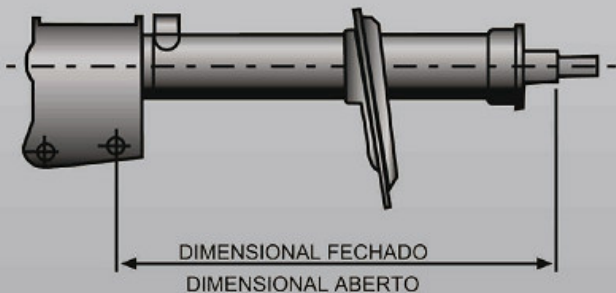
3. Abra totalmente o amortecedor;



4. Tire a medida do amortecedor aberto, conforme desenhos ao lado;



5. O dimensional curso do amortecedor é a diferença entre as medidas do aberto menos o fechado.



Informações técnicas sobre remoção do gás e óleo de amortecedores velhos ou defeituosos.

1. Coloque o amortecedor em posição horizontal.
2. Certifique-se de que o amortecedor esteja bem preso e que não se moverá durante a operação de furação.
3. Antes de furar, estenda a haste do amortecedor até o ponto máximo.

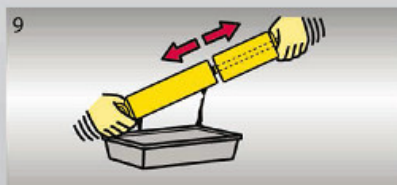
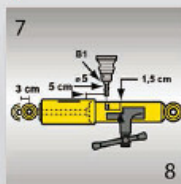
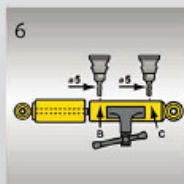
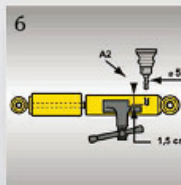
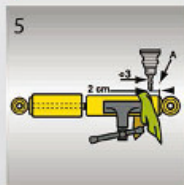
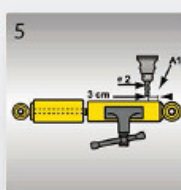
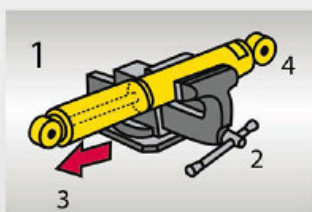
4. Verifique se o tipo de amortecedor é monotubo de alta pressão, bitubo de baixa pressão ou bitubo convencional. Todos os amortecedores monotubos de alta pressão têm uma gravação especial "high pressurized" (alta pressão) – Do not heat or open (não esquentar ou abrir).

Para amortecedores monotubos de alta pressão (25-30 bar).

5. Faça um pequeno furo de 3 a 5mm a 2cm antes do extremo inferior (A) a fim de remover o gás. É possível que durante o processo de furação saia óleo pelo furo, sendo necessário tomar precauções para restringir a saída do mesmo, colocando um pano ao redor da área.
6. Faça dois furos adicionais de 3 a 5mm nas posições B e C para remover o óleo (vá para o item 9).

9. Movimente a haste do amortecedor para cima e para baixo a fim de acelerar a saída do óleo.

10. O óleo retirado dos amortecedores deve ser depositado em recipientes apropriados (para que seja tratado como óleo de motor), de acordo com as leis nacionais de eliminação e tratamento de resíduos.



Para amortecedores bitubos de baixa pressão ou convencional bitubo.

5. Faça um furo de 2mm a 3cm antes do extremo inferior do tubo reservatório (A1).
6. Após eliminação do gás, faça um furo de 5mm de diâmetro, com 1,5cm de profundidade (A2).
7. Comprima o amortecedor 30mm no mínimo.
8. Faça outro furo de 5mm de diâmetro com 1,5cm de profundidade a 5cm do lado superior do amortecedor (B1).



Por razões de segurança, sempre utilize óculos de segurança e luvas de proteção.



A Tenneco, empresa certificada pela ISO 14001, tem um comprometimento com o meio ambiente, buscando, de uma maneira contínua e eficaz, a diminuição de poluentes. Por isso, descarta corretamente seus resíduos gerados na fabricação do amortecedor. Informe-se sobre a destinação correta, não só dos nossos amortecedores, mas de todo e qualquer resíduo gerado que possa causar danos ao meio ambiente.

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